



DEVELOPMENT REVIEW COMMITTEE (DRC) COMMENT REPORT

MEETING DATE: November 9, 2021

PROPERTY OWNER: TIITF/DNR Division of Recreation and Parks / City of Fort Lauderdale

APPLICANT/AGENT: Betty Loynaz, Acai Associates, Inc.

PROJECT NAME: City of Fort Lauderdale Fire Station #13 (Replacement)

CASE NUMBER: UDP-S21047

REQUEST: Site Plan Level II Review: 13,942 Square Foot Fire Station

LOCATION: 2871 E. Sunrise Boulevard

ZONING: Parks Recreation and Open Space (P)

LAND USE: Parks and Open Space

CASE PLANNER: Karlanne Grant



Case Number: UDP-S21047

CASE COMMENTS:

Please provide a response to the following:

1. Specify the Florida Building Code 7th edition on plan for the proposed development [FBC 2020-101.2]
2. Specify uses and occupancy classification per Chapter 3 of the 2020 FBC.
3. Specify height and area compliance per Chapter 5 of the 2020 FBC.
4. Provide building construction type designation per Chapter 6 of the 2020 FBC.
5. Specify fire-resistance rating requirements based on building separation FBC Table 601 and 602.
6. Provide occupancy loads with compliant life safety egress design per Chapter 10 of the FBC
7. Indicate code compliant sprinkler system per FBC
8. Specify required number of exits based on travel distance, occupancy load, and use FBC 1006

GENERAL COMMENTS

The following comments are for informational purposes.

Please consider the following prior to submittal for Final DRC:

1. The Florida Building Code shall apply to the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, maintenance, removal and demolition of every building or structure or any appurtenances connected or attached to such buildings or structures.
2. All projects must consider safeguards during the construction process. Florida Building Code Chapter 33 delineates various safeguards that may apply during the construction phase. All structures associated with the protection of pedestrians will require a separate permit. A licensed professional must sign and seal the plans and specifications.
3. The City of Fort Lauderdale is a participating municipality in the National Flood Insurance Program (NFIP). The requirements specific to the City of Fort Lauderdale can be found in

Chapter 14 - FLOODPLAIN MANAGEMENT of the Code of Ordinances and accessed at;

- a. https://www.municode.com/library/fl/fort_lauderdale/codes/code_of_ordinances?nodeId=COOR_CH14FLMA

Please consider the following prior to submittal for Building Permit:

1. On December 31st, 2020 the 7th Edition of the Florida Building Code was adopted. All work described in Section 101.2, of the Broward County Administrative portion of the Florida Building Code, will govern the administration and enforcement of the proposed work. Each building and or structure will require a separate permit. The following websites will assist in the design considerations;
 - a. <http://www.fortlauderdale.gov/departments/sustainable-development/building-services>
 - b. https://floridabuilding.org/bc/bc_default.aspx
 - c. <http://www.broward.org/codeappeals/pages/default.aspx>

General Guidelines Checklist is available upon request.



Case Number: UDP-S21047

DEDICATION OF RIGHTS-OF-WAY: Per ULDR Section 47-25.2.M.5, property shall be conveyed to the public by plat, deed or grant of easement as needed in accordance with the Broward County Trafficways Plan, the city's comprehensive plan, subdivision regulations and accepted applicable traffic engineering standards:

- a. Provide 10' x 15' (minimum) permanent Utility Easement for fire hydrant located within the proposed development (for City Maintenance access); show/label delineation in the plans as appropriate.

CASE COMMENTS:

Prior to Final DRC sign-off, please provide updated plans and written response to the following review comments:

1. Provide a current signed and sealed boundary and topographic survey showing all above ground improvements, utilities, rights of way dimensions and all easements. This survey shall be based on a Standard Title Commitment issued by a title insurer licensed to do business in Florida or an Opinion of Title issued by an attorney admitted to the Florida Bar. The title commitment or Opinion of Title must have an effective date no more than thirty days prior to the date of submittal of the survey and must be certified to the City of Fort Lauderdale. If any encumbrances are found in the property, provide a copy of the recorded documents accordingly (i.e. easements, dedications, agreements, vacations, etc.).
2. Provide copy of Pre-application meeting memorandum with FDOT.
3. Coordinate with FDOT for the following:
 - a. Provide approval allowing the connection between private and public stormwater system to remain.
 - b. Confirm if raising the sidewalk elevation along E Sunrise Boulevard adjacent to the development is acceptable.
4. Ensure the driveway sight triangles meets sight visibility requirements are met per the most current FDOT Design Standards on the Site Plan, Landscape Plan, and Civil Plans
5. Per ULDR Section 47-19.4.D.6, all dumpster enclosures and adjacent service access drive shall be placed on poured concrete, solid or perforated interlocking concrete block paving (ICB), or any existing hardened paving system.
6. Provide storm runoff calculations, signed and sealed by a Florida registered professional engineer, which demonstrate how minimum criteria regarding adjacent street crown, water quality and finished floor elevations are met, as well as how the 25-year, 3-day and the 100-year, 3-day storm events are maintained on site with zero discharge to Right-of-Way and adjacent properties (Pre vs. Post analysis will only be allowed in areas that are not flood-prone). All projects must comply with the Broward County 'Future Conditions Average Wet Season Groundwater Level' map.
 - a. Coordinate with FDOT for additional mitigation of additional runoff along E Sunrise Boulevard.
7. Within adjacent City Right-of-Way, staging/storage will not be allowed, construction fence shall not encroach within intersection corner sight triangles, construction fence gates shall not swing into the public Right-of-Way, and any loaded Jib Crane radius shall not extend beyond private property boundaries. Any City Right-of-Way closure over 72 hours requires a Revocable License Agreement,



processed by Property Right-Of-Way Committee (DRC) and approved by the City's Commission, prior to Right-of-Way permit issuance by the Department of Sustainable Development for Maintenance of Traffic.

Prior to submitting Administrative Review (i.e. DRC Level I) application to request Revocable License Agreement, please contact Dennis Girisgen at 954-828-5123 or dgrisgen@fortlauderdale.gov to discuss proposed scope of closure within City Right-of-Way.

8. The on-site sewer line (running longitudinally along the southern property boundary) seems to cross said property boundary and encroach onto the right-of-way (ROW) as it connects to the existing sanitary sewer lateral. Please modify the plans to clearly illustrate all private plumbing lines within private property. Otherwise, please provide a detail illustrating the private plumbing lines and their separation from the property boundary.
9. There are several private utilities in the vicinity of the proposed water meters and their taps. Please provide a profile view of the meters and taps illustrating the separation requirements. Be advised, you may email PLAN@FORTLAUDERDALE.GOV to obtain copies of the city utility maps (i.e., as-builts) and any utilities easements.
10. Prepare service demand calculations for water & wastewater services and obtain a letter of service availability from the City's Public Works – Engineering Department in order to meet the City's adequacy requirements per ULDR Section 47-25.2 of the City's Code of Ordinances. Submit water and wastewater capacity availability request form and documents/ plans at <https://www.fortlauderdale.gov/government/departments-i-z/sustainable-development/building-services/engineering-permits/development-review-committee-service-demand-calculations-for-water-sewer-request-form>.
11. Be reminded to illustrate and label all existing and proposed utilities (utility type, material and size) on both civil and landscaping plans for potential conflict. A min. 5 feet and 10 feet horizontal clearance horizontal separation is required between city utilities infrastructure and proposed small and large trees, respectively (including proposed water and sewer services to the development).
12. Advisory Comment: If dewatering activities are anticipated, a notarized City dewatering affidavit shall be filed at City's building department when submitting a demolition or foundation permit along with any applicable dewatering permit form regulatory agencies such as the South Florida Water Management District or Broward County Department of Environmental Protection.
13. For Engineering General Advisory DRC Information, please visit our website at <https://www.fortlauderdale.gov/home/showdocument?id=30249>
14. Additional comments may be forthcoming at the DRC meeting and once additional/ revised information is provided on plans.
15. Please contact the assigned City Project Manager for this development, Danica Grujicic at dgrujicic@fortlauderdale.gov, for additional coordination.



Case Number: UDP-S21047

CASE COMMENTS:

Please provide a response to the following.

1. Landscape plans to be prepared and signed by a registered Landscape Architect.
2. Tree preservation requirements apply and should be followed. Please investigate relocation of the trees and palms on site.
3. Please provide the mitigation of equivalent replacement for the Yellow Tabebuia on the tree disposition list.
4. Transformer to be fully screened from public view, please propose tall plant materials for this screening requirement.
5. There is a proposed retaining wall in conjunction with a fence along the perimeter of the site. There is conflict with existing trees, palms on the adjacent to the proposed retaining wall and fence. Please explain the impact this proposed retention wall and fence will have on the existing trees, palms. Also demonstrate how the retention wall and fence may be constructed without damage to the existing trees and palms.
6. Within the required / provided, please include the required tree count for the VUA as per 47-21.12.C.
 - a. Existing trees and palms that are within 10 feet of the VUA that are in healthy condition may count towards the VUA tree count requirement.
7. Please demonstrate the horizontal clearance of shade trees to the overhead power lines, trees such as Green Buttonwood require 30 feet.
8. Trees adjacent to and encroaching onto the public realm of the sidewalk will require a minimum canopy height clearance of 6 feet.
9. Trees and palms may encroach the sight triangle yet must have a minimum canopy height clearance of 8 feet when installed.
10. Landscape within the right of way between the ingress and egress appears to have sufficient room for Sabal palms. Proposed Sabal palms may be a minimum of 9 feet lateral from the overhead power lines.
11. Sight triangles located at the intersection of a local street or driveway with a right-of-way under County, State or Federal jurisdiction, may be subject to the sight visibility requirements of those jurisdictions, as per ULDR 47-2.2.Q. Illustrate such sight triangles on Landscape plan.
 - a. Approval from jurisdiction for landscape installation in Right Of Way, preferred prior to final DRC sign off. If jurisdiction approval is obtained after DRC final sign off and the plans require any change, Administrative Review will be required prior to permit review.
12. The SW area between the site and Sunrise BLVD appears to be paved parking for the Bridge Tender. Please make contact with FDOT for any changes to this area and provide the outcome of the meeting.



13. As per Section 47-21.9.G.1. Each tree shall have pervious area surrounding it sufficient to support the species, as determined by the department. Shade species with a minimum caliper of three (3) inches, two hundred and twenty five (225) square feet with fifteen (15) feet being the smallest dimension.
 - a. Tree islands maybe reduced in width to a minimum of 8 feet inside curb to inside curb. Under the adjacent pavement will require structural soil or a product engineered for root growth under paved areas to provide this root development area. There are two Live Oak trees proposed in tree islands that would require structural soil or a product engineered for root growth under paved areas. One is at the west side of the handicap parking stall and the other is located at the south end of the parking row.
14. The use of structural soil is required in paved sites to provide adequate soil volumes for tree roots under pavements, as per ULDR Section 47-21.13. Structural soil details and specifications can be obtained at <http://www.hort.cornell.edu/uhi/outreach/index.htm#soil> this is to be provided at a minimum of 8' radii of tree trunks, and is to be consistently illustrated and noted on landscape, site and civil plans. The structural soil drain is required when percolation rates are less than 4" vertical clearance per hour. Provide documentation of report used to prove this calculation. The drain and connections are to be illustrated on civil plans.
 - a. Demonstrate hashing on landscape, site and civil plans as to the extent of use of the Structural Soil.
 - b. Provide Structural Soil Detail and composition.
15. There is a product that the Landscape Department will approve the use of in place of Structural soil. With the Structural soil repositioning of the underground utilities is required. A suspension modular paving system product will provide the required root development area for a healthy and vibrant tree, along with their use it will allow the utilities to be in place and not affect their location in conjunction with the tree's root system. Please look into the use of the Green Blue Urban soil cell, Silva cell or like product for this and all future site developments. As with the use of Structural soil a detail of the product and indication of the extent of use to be provided of the soil cell pavement support systems product.
16. Additional comments may be forthcoming after next review of new plans after comment responses.

GENERAL COMMENTS

The following comments are for informational purposes.

Please consider the following prior to submittal for Building Permit:

1. A separate sub-permit application for Tree Removal, Relocation, and General Landscaping for site is required at time of master permit submittal. These are Landscape and Tree permit application documents different than the Broward County standard applications. Please do not submit for tree removal at this time of DRC submittal.
2. Provide separate Plumbing sub permit application for irrigation. Irrigation plans are required at time of Building permit submittal. Plans are to be in compliance with ULDR 47-21.6.A.11 and 47-21.10. Note that planting areas are to be irrigated on a separate zone than the turf areas so that once the plants are established, that particular zone can be shut off based on the season. The overall goal is to decrease water use through irrigation. Plant material must be grouped together based on watering needs (hydrozone) and turf areas must be limited and/or consolidated to less than 50% of the landscaped area. Illustrate hydrozones on planting plan and include calculations in table.



Case Number: UDP-S21047

CASE COMMENTS:

Comments may be forthcoming.



Case Number: UDP-S21047

CASE COMMENTS:

Please provide a response to the following:

1. Site should follow city CPTED guidelines for landscaping
2. Site should follow city CPTED guidelines for lighting

GENERAL COMMENTS

It is highly recommended that the managing company make arrangements for private security during construction.

Please submit responses in writing prior to DRC sign off.



Case Number: UDP-S21047

CASE COMMENTS:

Please provide a response to the following:

1. Garbage, Recycling and Bulk Trash shall be provided by the City of Fort Lauderdale.
2. Service Days shall be: No restriction for Commercial collection. Service may not occur earlier than 7:00 am or later than 7:00 pm within 250 feet of residential.
3. Solid Waste Collection shall be on private property container shall not be placed, stored or block the public street to perform service (large multifamily and commercial parcels).
4. Containers: must comply with 47-19.4
5. Provide on the site plan a garbage truck turning radii for City review. Indicate how truck will circulate within property.
6. Solid waste collection shall be from a private loading dock.
7. Dumpster enclosure: concrete pad, decorative block wall, gates hung independently, protective bollards, secondary pedestrian side entry, high strengthen apron and driveway approach, night light, hot water, hose bib, drain, low circulating ventilation for dampness, weep holes, landscaping, smooth surface walkway to accommodate wheeled containers.
8. Submit a Solid Waste Management Plan on your letterhead containing name of project, address, DRC case number, number of units if applicable, and indicate whether it is Pre or Final DRC.
 - o This letter is to be approved and signed off by the Sustainability Division and should be attached to your drawings. Please email an electronic copy to dwilson@fortlauderdale.gov . Letter should include an analysis of the expected amounts of solid waste and recyclables that will be generated (if different from current capacity), and container requirements to meet proposed capacity.
 - o Community Inspections will reference this Solid Waste Plan for sanitation compliance issues at this location.

General Comments

The following comments are for informational purposes.

Please consider the following prior to submittal for Final DRC:

1. None



Case Number: UDP-S21047

CASE COMMENTS:

1. Show inbound and outbound stacking requirements from the property line to the first conflict point according to Section 47-20.5 General design of parking facilities for the driveway.
2. Include a table showing the proposed land uses, the floor area in square feet for each land use, the parking ratio, the number of parking spaces required by type, and the number of parking spaces proposed by type (standard, compact, handicapped, bicycle, loading, etc.). ULDR Sec. 47-20.2. - Parking and loading zone requirements.
3. All parking must be provided in accordance with design and construction standards of the ULDR Section 47-20.11. Show dimensions for: stall width, depth of stall 90 degrees to aisle, aisle width, width of stall parallel to aisle, module width, angle of parking stalls.
4. All internal circulation and queuing areas must be designed to accommodate the turning radii of the vehicles that will be using the site. Provide auto turn vehicular paths to depict how the ground floor site circulation will work.
5. Illustrate the upstream and downstream driveway and intersection sight triangle requirements depicted in:
Table 212.11.2 Parking Restrictions for Driveways and Intersections of the FDOT FDM.
<https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/roadway/fdm/2021/2021fdm212intersections.pdf>? Any parallel parking spaces within these sight triangles must be removed.



Case Number: UDP-S21047

CASE COMMENTS:

Please provide a response to the following:

1. The applicant is strongly encouraged to contact neighbors adjacent to, as well as condominium and neighborhood associations located within three hundred feet (300') of the development site, to advise of this proposal (a map and listing of officially -recognized neighborhood associations is provided on the City's website: <https://www.fortlauderdale.gov/departments/city-manager-s-office/office-of-neighbor-support/neighborhood-associations.T> Please provide acknowledgement and/or documentation of any public outreach.
2. The site is designated Parks Recreation and Open Space on the City's Future Land Use Map. The proposed use is permitted in this designation. This is not a determination on consistency with Comprehensive Plan Goals, Objectives and Policies.
3. This property is located within an Archaeologically Significant Zone identified through a phased archaeological survey of Broward County conducted between 1991 through 1995 by Archaeological and Historical Conservancy, Inc., and is periodically updated by Broward County. In accordance with City of Fort Lauderdale's Comprehensive Plan, Volume I), Historic Preservation Element Objective 1.11, Policy 1.11.2., and as per the Certified Local Government Agreement between the City of Fort Lauderdale and the State of Florida, Department of State, Division of Historical Resources, that states that the City shall generally follow a public policy of protecting, preserving, and planning for the protection and preservation of resources of historical, architectural, and archaeological value are within its jurisdiction.

Following review of the land use and development history of the property, it has been determined that there is a potential for archaeological deposits to be within the subject property. A professional archaeologist shall perform a due diligence shovel test investigation of the proposed development site prior to final DRC to determine methodologies for further testing and monitoring requirements needed during demolition and new construction. Further information concerning the methodologies and requirements that shall be adhered to for the shovel test investigation are outlined in the attached letter from the City's Archaeological Consultant, Coastal Archaeology and History Research, Inc., dated November 1, 2021.

For any questions, please contact Trisha Logan, Historic Preservation Planner, at tlogan@fortlauderdale.gov or 954.828.7101.

4. Provide a Plat Determination Letter from Broward County Planning Council verifying whether the property needs to be platted or re-platted. If a plat or re-plat is not required, contact the Broward County, Development Management and Environmental Review Section, at (954) 357-8695 to ensure that the proposed project is consistent with the latest recorded plat restriction(s). If a plat note or non-vehicular access line (NVAL) amendment is needed, a separate application is required, which is reviewed administratively and can be submitted via [LauderBuild](#).
5. Provide the fire truck turning radius on site plan and circulation plan.



6. Update the following on the Zoning information Data table:
 - a. Update the data table to provide the yard requirements pursuant to ULDR Section 47-8.30 from the property line and parenthesize the yard requirements from the leased line.
 - b. Remove the word "None" and "Not Applicable" for the for Minimum Side and Rear Yard Requirement row.
7. Depict/label all mechanical equipment including spot elevations of all mechanical equipment to verify proposed screening adequately shields all equipment from view and/or incorporate these elements onto a seamless design treatment solution. Equipment should be centralized to the extent possible so it's not visible. In addition, indicate all mechanical equipment within the subject site on the site plan and elevations where applicable.
8. Consider employing green practices throughout the project including, but not limited charging stations, tank-less water heaters, rain collections system, pervious parking, bio-swales, Florida Friendly™ plant materials, and solar panels.

GENERAL COMMENTS

The following comments are for informational purposes.

Please consider the following prior to submittal for Final Development Review Committee ("DRC"):

9. If a temporary construction/sales trailer is needed for this project, provide the details and location of the trailer on an additional site plan, to avoid additional review in the future. Ensure details and location receives approval from the Building Service Department's DRC Representative.
10. Be advised that pursuant to State Statute, Section 166.033, states that development permits which require a quasi-judicial or public hearing decision must be complete within 180 days unless an extension of time is mutually agreed upon between the City and the applicant
11. An additional follow-up coordination meeting may be required to review project changes necessitated by the DRC comments. Prior to routing your plans for Final DRC sign-off, please schedule an appointment with the project planner Karlanne Grant (Email: kgrant@fortlauderdale.gov, Phone: 954-828-6162 or) to review project revisions and/or to obtain a signature routing stamp.
12. Additional comments may be forthcoming at the DRC meeting.



Coastal Archaeology & History Research, Inc.

Cultural Resource Consultants

Monday, November 01, 2021

Trisha Logan,
Planner III, HPB Liaison
City of Ft. Lauderdale Urban Design & Planning Division
700 NW 19th Ave
Ft. Lauderdale, FL 33311
t. 954.828.7101
e. tlogan@fortlauderdale.gov

Re: Street Address: 2871 E Sunrise Blvd, Fort Lauderdale, Florida
BCPA ID: 494236000010 (3109 E Sunrise Blvd)

Trisha Logan,

In capacity as archaeological consultant to the City of Fort Lauderdale I have reviewed the referenced development in accordance with Chapters 267, *Florida Statutes* and Section 47-25.2.P, *Fort Lauderdale U.L.D.R* for possible effects to historic properties listed, or eligible for listing, on the *National Register of Historic Places* (NRHP) and/or designated, or eligible for designation, as City historical landmarks or sites, or otherwise of historical, architectural or archaeological value.

Parcel and Findings

The subject parcel, 2781 E. Sunrise Blvd, Fort Lauderdale, FL. consists of \pm .73 acres currently developed and in use as a fire station. The subject property is located on the south side of Hugh Taylor Birch State Park and along the north side of E. Sunrise Blvd. This area is east of the Intracoastal Waterway and west of STHY A-1-A and is located in the Fort Lauderdale Barrier Island Archaeological Zone – an area of archaeological sensitivity, The Fort Lauderdale Barrier Island zone includes prehistoric and historic environments that provided habitable terrain and proximity to fresh water and aquatic resources suitable for prehistoric and historic settlements and includes seasonal camps, resource procurement areas, the historic Fort Lauderdale, and Seminole and early Glades' period burials sites (AHC 1995; CAHR 2016). A review of the Florida Master Site File (FMSF). The subject parcel is located west of the barrier island dunes and adjacent to a slough which would have provided both shelter and access to aquatic resources.

The subject property contains Fort Lauderdale Fire Rescue Station 13. The earliest depictions of the subject parcel appear in the 1845 McKay Plat Survey (McKay 1845) and shows that subject parcel in vicinity of marsh and scrub lying east of the pre-canalized New River. Much of the land immediate northwest of the subject parcel was excavated as result of construction of the Intracoastal Waterway and as early as 1940 the subject parcel had only sparse vegetation. The subject parcel appears to be in use, but undeveloped, as early as 1947. The subject parcel is largely un-developed until the late 1960s and is subsequently developed as Fort Lauderdale Fire Rescue Station 13 before 1970.

No archaeological resources have been recorded within the subject parcel however no prior archeological survey has been conducted within the parcel (FMSF 2021). Any archaeological deposits located within the footprint of the extant structure are likely to have been destroyed during construction of the existing structure. However, there is potential that undeveloped and undisturbed portions of the subject property may contain intact archaeological deposits.

Recommendation

In capacity as the City's archaeological consultant, it is my opinion, that the proposed development will not have adverse effect on any known archaeological resources. It is possible that undisturbed

archaeological deposits may exist in undeveloped and undisturbed areas o the subject parcel. Therefore, it is my recommendation that:

1. It is my recommendation that a professional archaeologist who meets the minimum professional standards (36 CFR Part 61) should perform a due diligence shovel test investigation of previously undeveloped and undisturbed areas of the subject parcel. The purpose of the investigation should be to determine, efficiently, the presence/absence of intact sediments within the subject parcel and the potential for the parcel to contain intact and significant cultural deposits.
2. The Archaeologist shall submit an due diligence archaeological survey report to the City’s Historic Preservation Planner (Trisha Logan (tlogan@fortlauderdale.gov / 954-828-7107) for review of completion, determination of effects and/or significance, and approval or approval with conditions. The report should detail the dates and activities of the due diligence survey. The letter report should include an assessment and characterization of all historic/archaeological resources identified within the parcel, proposed, or recommended management or mitigation strategies, and identification of the disposition of recovered archaeological collections as appropriate.
3. If unmarked human remains are encountered, then excavation in the vicinity of the find shall halt immediately and the archaeologist shall alert the City’s historic preservation staff to coordinate the discovery and take measures to implement Chapter 872.05 Florida Statutes as it pertains to the discovery of unmarked human remains.

Please contact me if you have any questions regarding these comments.

Regards,



Matthew DeFelice, M.A.
President / Archaeologist, CAHR, Inc.

Ref.

Adams, William R., Sidney Johnston, Stephen A. Olausen
1989 Historic properties survey of Fort Lauderdale, Florida. Sponsored by the City of Fort Lauderdale,

AHC (Archaeological and Historical Conservancy, Inc.)
1995 An Archaeological Survey of Southeast Broward County, Phase 3. Report from AHC, Inc to the Broward County Planning Office. FMSF Report number 4075.

BCPA (Broward County Property Appraiser)
2021 <https://bcpa.net>

CAHR (Coastal Archaeology & History Research, Inc)
2016 Draft - Guide the Broward County Archaeological Sites and Zones. Report from CAHR, Inc. to the Broward County Development Management Division. On File CAHR, Inc. California, MD.

FMSF (Florida Master Site File)
2021 FMSFWeb

USDA (United States Department of Agriculture)
1940 Aerial Photographs of Everglades Area Florida – 1940 Index 21. US Department of Agriculture,

- University of Florida Map and Imagery Library, George A Smathers Libraries, [Aerial photographs of Broward County - Flight 1T \(1947\) \(ufl.edu\)](#)
- 1949 Aerial Photographs of Broward County – Flight 2D Tile 78 (1949) US Department of Agriculture, University of Florida Map and Imagery Library, George A Smathers Libraries, [Aerial photographs of Broward County - Flight 1T \(1947\) \(ufl.edu\)](#)
- 1845 McKay, George. Official Survey of State of Florida; Township 49 South, Range 42 East. https://ftp.labins.org/SalesPlats_by_Range/East/South/Rge_42E/T50S_R42E.pdf



UDP-S21047

