

AGENDA
BRADENTON PLANNING COMMISSION MEETING
2:00 p.m. Wednesday, May 20, 2026
101 OLD MAIN STREET, BRADENTON, FL 34205

1. MEETING CALLED TO ORDER

2. PLEDGE OF ALLEGIANCE

3. ROLL CALL

4. APPROVAL OF MEETING MINUTES

- a) [Clerk](#): Minutes from the April 15, 2026, Planning Commission Meeting
[4-15-2026 Planning Commission Meeting Minutes](#)

5. PUBLIC COMMENTS

Anyone wishing to address the Planning Commission on any non-agenda item should complete a comment slip and submit it to the Clerk.

6. AGENDA ITEMS

- a) [Planning & Community Development](#): **Quasi-Judicial**: RESOLUTION 26-41 - PUBLIC HEARING
A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BRADENTON GRANTING SPECIAL USE PERMIT PLN-SUP-26-0008 APPROVING CONSTRUCTION OF A PRIVATE DOCK EXTENDING 426 FEET IN TOTAL LENGTH AND 162 LINEAR FEET FROM THE SHORELINE OF PROPERTY LOCATED AT 1215 50TH STREET COURT EAST, BRADENTON, FLORIDA (PARCEL ID NO. 1127249751), AS MORE PARTICULARLY DESCRIBED HEREIN; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE. APPLICATION FILED BY MARK PARSONS OF DUNCAN SEAWALL, DOCK AND BOAT LIFT, LLC (AGENT) FOR DON BARRY JACKSON JR. AND CATHERINE FREELEY (OWNERS).
[Resolution 26-41](#)
[Staff Report](#)
[Application](#)
[DEP Permit](#)

- b) **Planning & Community Development: Quasi-Judicial:** FINAL ORDER PLN-VAR-26-0002 - PUBLIC HEARING
FINAL ORDER OF THE PLANNING COMMISSION FOR THE CITY OF BRADENTON, FLORIDA, APPROVING VARIANCE NO. PLN-VAR-26-0002 TO ALLOW AN ACCESSORY STRUCTURE (PERGOLA) TO BE CONSTRUCTED IN THE FRONT YARD; FOR PROPERTY LOCATED AT 1700 21ST AVENUE WEST, BRADENTON, FLORIDA (PARCEL ID NO. 4456000159), AS MORE PARTICULARLY DESCRIBED HEREIN; PROVIDING FOR SEVERABILITY; PROVIDING FOR RECORDATION; AND PROVIDING FOR AN EFFECTIVE DATE. APPLICATION FILED BY CORY OHANLAN OF C.M.B. BUILDERS, LLC (AGENT) FOR PRESBYTERIAN RETIREMENT COMMUNITIES, INC. (OWNER).

[Final Order PLN-VAR-26-0002](#)

[Staff Report](#)

[Application](#)

- c) **Planning & Community Development: Quasi-Judicial:** FINAL ORDER PLN-VAR-26-0003 - PUBLIC HEARING
FINAL ORDER OF THE PLANNING COMMISSION FOR THE CITY OF BRADENTON, FLORIDA, APPROVING VARIANCE NO. PLN-VAR-26-0003 TO GRANT A 10-FOOT REDUCTION FROM THE REAR SETBACK REQUIREMENT OF 25 FEET AND A 3-FOOT REDUCTION FROM THE SIDE SETBACK REQUIREMENT OF 6 FEET; FOR PROPERTY LOCATED AT 4303 5TH AVENUE NE, BRADENTON, FLORIDA (PARCEL ID 1043100259), AS MORE PARTICULARLY DESCRIBED HEREIN; PROVIDING FOR SEVERABILITY; PROVIDING FOR RECORDATION; AND PROVIDING FOR AN EFFECTIVE DATE.

[Final Order PLN-VAR-26-0003](#)

[Staff Report](#)

[Application](#)

7. DISCUSSION ITEMS

8. DIRECTOR'S REPORT

9. ANNOUNCEMENT OF CITY COUNCIL PUBLIC HEARING DATES

- a) **Planning & Community Development: City Council Meeting: May 13, 2026**
- Ord. 4067 | PLN-CPS-26-0003 | 500 15th Street West | Small Comp Plan Amendment | 1st Reading
 - Ord. 4073 | PLN-CPS-26-0002 | 507-509 50th Street West | Small Comp Plan Amendment | 1st Reading
 - Ord. 4074 | PLN-ZON-26-0001 | 507-509 50th Street West | Zoning Map Amendment | 1st Reading
 - Res. 26-28 | PLN-MAJ-26-0001 | 1201 27th Street East | Major PDP Amendment to Jordan Creek East

City Council Meeting: May 27, 2026

- Ord. 4067 | PLN-CPS-26-0003 | 500 15th Street West | Small Comp Plan Amendment | 2nd Reading
- Ord. 4073 | PLN-CPS-26-0002 | 507-509 50th Street West | Small Comp Plan Amendment | 2nd Reading
- Ord. 4074 | PLN-ZON-26-0001 | 507-509 50th Street West | Zoning Map Amendment | 2nd Reading

City Council Meeting: June 10, 2026 (Tentative)

- Res. 26-41 | PLN-SUP-26-0008 | 1215 50th Street Court East | Special Use for a dock

10. ADJOURN

All interested persons and parties may appear either in person and be heard or submit written comments regarding the above matter to the Planning and Community Development Director and they will be heard and considered. The hearing may be continued from time to time as necessary. Copies of the application or further information may be obtained from the Department of Planning and Community Development, 101 Old Main Street, Bradenton, Florida, 34205, or by calling (941) 932-9407.

NON-DISCRIMINATION STATEMENT:

The City of Bradenton prohibits discrimination in all of its services, programs or activities on the basis of race, color, age, disability, sex, national origin, religion, genetic information or marital status. Persons with a disability needing a reasonable accommodation to participate in, or who require assistance or an alternative means for communication of program information such as Braille, large print, etc., should contact as soon as possible, but at least 48 hours in advance:

City of Bradenton ADA/Title VI Coordinator
101 Old Main Street
Bradenton, FL 34205
ADACoordinator@cityofbradenton.com
941-932-9400
TTY: 7-1-1 or 1-800-955-8771

La ciudad de Bradenton proveera servicio de interprete a las personas quienes su primer language no es el ingles. Si necesita estos servicios, usted o su representante puede comunicar al ADA/Title VI Coordinator, 101 Old Main Street, Bradenton, FL 34205. Tambien puede llamar al (941) 932-9470 o enviar correo electronico a ADACoordinator@cityofbradenton.com

Item Cover Page

PLANNING COMMISSION MEETING AGENDA ITEM REPORT

DATE: May 20, 2026
SUBMITTED BY: Jamie Griffith, Clerk
ITEM TYPE: Minutes
AGENDA SECTION: **APPROVAL OF MEETING MINUTES**
SUBJECT: Minutes from the April 15, 2026, Planning Commission Meeting
SUGGESTED ACTION: Approval

Is this item Quasi-Judicial?
No

Does this item require a public hearing?
No

EXPLANATION:
Minutes from the April 15, 2026, Planning Commission Meeting.

FINANCIAL IMPACT:
N/A

ATTORNEY REVIEW/RECOMMENDATION:
N/A

SUGGESTED MOTION:
Motion to approve the minutes from the April 15, 2026, Planning Commission Meeting.

ATTACHMENTS:
[4-15-2026 Planning Commission Meeting Minutes](#)

**CITY OF BRADENTON
PLANNING COMMISSION MEETING MINUTES
April 15, 2026**

The City of Bradenton Planning Commission met in the City Hall Council Chamber, 101 Old Main Street, Bradenton, Florida at 2:00 p.m. on Wednesday, April 15, 2026

Present: Chair Michael Neal, Vice Chair Ben Bakker; Commissioner Keith Green; Commissioner Michael Jones; Commissioner Darin Autrey; and Commissioner Jason "JB" Taylor.

Commissioner Richard Whetstone was excused.

City Staff: Scott Rudacille, City Attorney; Erica Augello, Conflict Counsel; Robin Singer, Planning and Community Development Director; Greg DeLong, Planning and Community Development Assistant Director; Jamie Schindewolf, Senior Planner; Tamara Melton, City Clerk.

Chair Neal called the meeting to order at 2:00 p.m.

Tamara Melton, City Clerk, administered the oath for those that wished to speak during the meeting's public hearings.

APPROVAL OF MEETING MINUTES:

- a) Clerk: Minutes from the February 18, 2026, Planning Commission Meeting

MOTION TO APPROVE THE MINUTES FROM THE FEBRUARY 18, PLANNING COMMISSION MEETING was made by Commissioner Green and seconded by Vice Chair Bakker. The motion passed unanimously.

PUBLIC COMMENT (On non-agenda items): None

AGENDA ITEMS:

- a) Planning & Community Development: ORDINANCE 4067 - PUBLIC HEARING AN ORDINANCE OF THE CITY OF BRADENTON, FLORIDA, AMENDING THE CITY OF BRADENTON COMPREHENSIVE PLAN FUTURE LAND USE MAP TO DESIGNATE CERTAIN LAND GENERALLY LOCATED WEST OF 15TH STREET WEST, NORTH OF 6th AVENUE WEST, AND SOUTH OF MANATEE AVE WEST, IDENTIFIED AS PARCEL ID 3354500109, AND MORE PARTICULARLY DESCRIBED HEREIN, CONTAINING APPROXIMATELY 3.9464 ACRES AND OWNED BY MANATEE COUNTY, FROM THE URBAN CENTRAL BUSINESS DISTRICT (UCBD) FUTURE LAND USE CATEGORY TO THE URBAN CORE (URBCORE) FUTURE LAND USE CATEGORY; PROVIDING FOR APPLICABILITY; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE.

Chair Neal opened the public hearing and asked the Commissioners if there had been any ex parte communications regarding any agenda items. All said no.

Robin Singer, Planning and Community Development Director, stated that Scott Rudacille, City attorney and Ben Bakker, Vice-Chair had to recuse themselves from this agenda item due to potential conflict of interest.

Jamie Schindewolf, Senior Planner, presented information related to the applicant's request to change the property future land use from Urban Central Business Core (URBCORE) to Urban Core (URBCORE). Her presentation included a parcel map and comparison facts about the two categories.

Erica Augello, Conflict Counsel, stated that the draft of Ordinance 4067 needed to be amended to include a development agreement because the property was in the Coastal High Hazard Area. She recommended the revision: *"that a provision be added to the ordinance with the contingency that a future use land map change would only be granted if the ordinance included a development agreement with regard to the Coastal High Hazard Area and with regard for the mitigation and evacuation plan."* Ms. Augello agreed the language could be added as a stipulation.

Staff Report:

"This Comprehensive Map Amendment request, if approved, will expand the Urban Core designation to the west of its current boundary. However, it does not impact the contiguousness of the district, as the subject property is adjacent to 1401 Manatee Avenue West, a property already classified as Urban Core. The applicant provided an extensive Community Impact Report, which has been provided to Council as an attachment with this agenda item. The major difference in the two future land use categories is the difference in the number of potential units. Under UCBD, the site could have up to 148 units. Under Urban Core, the site could have up to 789 units (only if approved for a bonus by City Council). If a bonus is not requested, the site would be allowed 236 units under the Urban Core designation. In the Community Impact Report, the applicant has indicated that they intend to request a density increase for a total of 345 multifamily units. This will come before City Council as a separate request. The applicant has also included a Traffic Study and a Hurricane Mitigation Plan with the Community Impact Report which should be considered as part of the decision-making process."

Paige Estigarribia, ZNS Engineering and Agent for Manatee County Government, explained the applicant was pursuing a Comprehensive Plan Map Amendment on the subject property. She stated that all Comprehensive Plan Review Criteria had been met (Visual Impact Analysis, Land Use Assessment, Traffic Study, Environmental Impact Assessment, Area Impact Assessment, and Hurricane Evacuation Analysis) and summarized the findings. Ms. Estigarribia provided reasons for this change.

Chair Neal asked for clarification of what the Commission was considering for the ordinance. Ms. Estigarribia clarified the commission was only to vote on the land use amendment and there were no development plans to vote on at the meeting.

Commissioner Green inquired if the developer would finance the reconstruction needed to the property's seawall.

Chris Kennedy, Environmental Consultant with Kimley-Horn, answered that the goal would be that the reconstruction was financed through public-private partnership, but funding sources were undetermined at that time.

Commissioner Taylor pointed out that the seawall was installed in the 1960s and remained in unimproved condition for many years.

Commissioner Autry asked if any reintroduction of mangroves was planned after the seawall reconstruction. Mr. Kennedy responded that most of the mangroves would not be impacted. He explained that the goal was to reconstruct the seawall closest to its current location and minimize the impact on the mangroves.

Chair Neal opened the public comment portion of the hearing.

Those who spoke in opposition to Ordinance 4067:

Marilyn Young, 1523 6th Avenue West
Joy Bonner, 1523 6th Avenue West
Mary Charlene Hill, 1523 6th Avenue West
Tina Dodge, 1312 6th Avenue West
Kay Harper, Bradenton
Josie Rivera, 4505 Dover Street
Yvonne Buffington, 1523 6th Avenue West
Thomas Slagill, 1523 6th Avenue West
Patricia Neary Hayward, 1523 6th Avenue West
Donna Mathias, 1600 1st Avenue West
Elizabeth Kercher, 1523 6th Avenue West
Daniel Block, 1523 6th Avenue West

Commissioner Taylor reminded the public that the vote for the Planning Commission was regarding a map change and that any further development would be reviewed during the permitting process. He stated the Planning Commission could not consider many issues brought up in public comment because the Commission could only vote on the Comprehensive Plan Map Amendment request.

Ms. Augello added the Commission should also make sure the changes complied with the intent of the Comprehensive Plan.

Chair Neal asked if anyone else wished to speak, no one came forward and the public comment portion was closed.

Ms. Estigarribia addressed some of the remarks made by the public. She stated that parking for this property was governed by the City of Bradenton's code.

Michael Yates, Palm Traffic, presented a conceptual site plan to illustrate proposed property access. He explained the proposed primary access point would be on 6th Avenue West and the current access on 15th Street West would be removed. He added that the proposed property would include a pedestrian feature along 15th Street West. Mr. Yates said the developers were working with the Florida Department of Transportation (FDOT) for a finalized plan, which would be shown during the site review process.

Mr. Kennedy addressed some concerns from the public. He presented a diagram of preliminary listed species surveys for the property which showed that there was no evidence of protected wildlife present. He displayed aerial views of the parcel that showed the mangroves and vegetation over time. Mr. Kennedy stated that in order to move forward with development, all consultations with Florida Fish and Wildlife and Army Corp of Engineers would be required throughout the permitting process.

Vice Chair Bakker asked about claims of pollution. Mr. Kennedy responded that his observations related to the wetlands, and they had been impacted and degraded historically. He stated there were no expectations of any adverse effects on water quality from this project.

Nathan Kragt, ZNS Engineering, spoke about flooring and stormwater concerns. He informed the Commission that the elevation of the finished project would be consistent with nearby properties. He explained that a permit from the Southwest Florida Water Management District (SWFWMD) was mandatory and that it would require the stormwater at the site be treated before being released. He stated that all drainage plans would need approval from all permitting departments.

Chair Neal closed the public hearing.

Ms. Singer pointed out that the zoning for the property was not changing. She clarified the details of changing the future land use for this project was for density and floor area ratio.

MOTION TO APPROVE ORDINANCE 4067 WITH THE REVISED LANGUAGE FROM CONFLICT COUNSEL AUGELLO REGARDING THE DEVELOPMENT AGREEMENT WITH THE CITY OF BRADENTON was made by Commissioner Taylor and seconded by Commissioner Green. The motion passed 5-0 because Commissioner Whetstone was excused and Vice Chair Bakker abstained due to a potential conflict of interest.

Chair Neal called for a recess at 3:25 p.m. and the meeting reconvened at 3:28 p.m.

- b) Planning & Community Development: ORDINANCE 4073 - PUBLIC HEARING AN ORDINANCE OF THE CITY OF BRADENTON, FLORIDA, AMENDING THE CITY OF BRADENTON COMPREHENSIVE PLAN FUTURE LAND USE MAP TO DESIGNATE CERTAIN LAND GENERALLY LOCATED EAST OF 50TH STREET WEST AND 70 FEET SOUTH OF MANATEE AVE WEST, IDENTIFIED AS PARCEL ID 3629100003 AND 3629000005, AND MORE PARTICULARLY DESCRIBED HEREIN, CONTAINING APPROXIMATELY 0.397 ACRES AND OWNED BY SHIV OHM P L AND ZEEVA RE LLC, RESPECTIVELY, UNDER THE SUBURBAN COMMERCIAL CORRIDOR FUTURE LAND USE CATEGORY; PROVIDING FOR APPLICABILITY; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE.

Chair Neal opened the public hearing for both Ordinance 4073 and Ordinance 4074.

Ms. Schindewolf explained the property was undergoing the annexation property from Manatee County. Land annexed into the City must be given a Future Land Use designation and Zoning classification The proposed designation for the property was Suburban Commercial Corridor for both Future Land Use and Zoning.

Staff Report:

"As part of the annexation process, the property must be assigned a future land use designation and a zoning classification under the City of Bradenton regulations. The map below shows the area of the request along with surrounding Future Land Use designations.

This application was submitted with a concurrent application to designate the property with the Suburban Commercial Corridor zoning classification. The Suburban Commercial Corridor zoning classification allows uses that align with those mentioned in the description of the Suburban Commercial Corridor Future Land Use classification. Suburban Commercial Corridor zoning and Suburban Commercial Corridor future land use are highly compatible."

- c) Planning & Community Development: ORDINANCE 4074 - PUBLIC HEARING AN ORDINANCE OF THE CITY OF BRADENTON, FLORIDA, PROVIDING FOR AN AMENDMENT TO THE CITY OF BRADENTON LAND USE ATLAS; TO DESIGNATE CERTAIN LAND GENERALLY LOCATED EAST OF 50TH STREET WEST AND 70 FEET SOUTH OF MANATEE AVE WEST, IDENTIFIED AS PARCEL ID 3629100003 AND 3629000005, AND MORE PARTICULARLY DESCRIBED HEREIN, CONTAINING APPROXIMATELY 0.397 ACRES AND OWNED BY SHIV OHM P L AND ZEEVA RE LLC, RESPECTIVELY, UNDER THE SUBURBAN COMMERCIAL CORRIDOR ZONING CATEGORY; PROVIDING FOR APPLICABILITY; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE.

Staff Report:

"The Suburban Commercial Corridor zoning category is consistent with the Suburban Commercial Corridor future land use category, which is the proposed future land use category for this property along with the annexation.

Designating these properties as Suburban Commercial Corridor is consistent with the designation of adjacent property that is already under the City's jurisdiction. Granting this designation would extend the existing SCC zoning slightly south and along the intersection of Manatee Avenue West and 50th Street West.

The Technical Memorandum provided by Kim Clayback P.E., Engineering Manager with City of Bradenton Public Works explains the existing utilities that are found on the site. There is no indication of any concern with meeting the demand for services. This memorandum is attached to this report as Exhibit E.

Designating these lands under the Suburban Commercial Corridor zoning category does not conflict with the public interest. The property is in an area with a mixture of residential and low intensity office and commercial type uses.

Because the intended future uses are those that fall under permitted per the use schedule in the Land Use Regulations, this designation is consistent with the purpose and intent of the LURs."

Robert Gause, with Gause and Associates, Inc. and Agent, summarized the details of the property and the reason for seeking annexation.

Chair Neal asked Mr. Gause to explain the choice for Euclidean over Planned Development. He responded that Planned Development would require a submitted plan with the application and the owner currently did not have one.

Chair Neal asked if anyone else wished to speak, no one came forward and the public comment portion was closed. The Public hearing was closed.

MOTION TO APPROVE ORDINANCE 4073 was made by Commissioner Taylor and seconded by Vice Chair Bakker. The motion passed unanimously.

MOTION TO APPROVE ORDINANCE 4074 was made by Commissioner Taylor and seconded by Commissioner Autrey. The motion passed unanimously.

- d) Planning & Community Development: Quasi-Judicial: Resolution 26-28 - PUBLIC HEARING A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BRADENTON APPROVING APPLICATION PLN-MAJ-26-0001 FOR A MAJOR AMENDMENT TO THE JORDAN CREEK EAST PLANNED DEVELOPMENT PLAN (PDP-23- 4841) TO APPROVE AN ADDITIONAL DEVELOPMENT OPTION FOR THE PROPERTY LOCATED AT 1201 27 TH STREET EAST AND 2906 11 TH AVENUE EAST (PARCEL ID NUMBERS 1387000050 AND 1387200007), MORE PARTICULARLY DESCRIBED HEREIN; OPTION A IS A PDP SITE PLAN FOR 66 SEMIDETACHED RESIDENTIAL UNITS AS APPROVED WITH ORDINANCE

4027; OPTION B IS A PDP SITE PLAN FOR 106 TOWNHOME UNITS; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE.

Chair Neal opened the public hearing for Resolution 26-28.

Ms. Schindewolf summarized details of the property. She explained that the applicant was originally approved for 33 single family attached buildings, with each dwelling unit (total of 66) on its own individual lot. She said they were now seeking approval for a residential development containing 106 residential units comprised of a mixture of four-unit and six-unit townhomes.

Staff Report:

"The applicant is requesting a reduction as follows: 20-foot-wide buffer with plantings located within the outer 10 feet of the 20-foot buffer. This is requested in order to avoid utility and drainage easements as to not interfere with the safe operation and maintenance of the infrastructure and easement areas. In addition, this request was approved with the existing approved preliminary plat approval PDP-23-4841

Accessory structures have not been proposed as part of this application, but Commission/Council may want to get clarification on whether they will be allowed, and if so, what setbacks will be allowed. The applicant is not proposing the construction of a neighborhood activity center.

It appears at this time that the proposed request largely meets the requirements set forth in the LURs for PDPs. It is recommended to get additional clarity regarding the possibility of accessory structures, and the commission and council must consider the request for the reduction in buffer standards (which matches what was granted with Option A)."

Josh Law, Agent for Jordan Creek at Bradenton East, summarized the details of the property. He stated the proposed Option B is not to supersede the approved plan it was to provide an additional option to develop the property.

Commissioner Taylor asked Mr. Law about allowable accessory structures and the policy for future residents. Mr. Law said he was unaware of the policy for accessory structures and Commissioner Taylor recommended that the developer add a policy to the Homeowners Association documents.

Chair Neal opened the public comment portion and asked if anyone wished to speak.

Deborah Stevenson, 1202 27th Street East, spoke in opposition to the proposed plan and was concerned about traffic and speeding.

Susie Copeland, 1010 27th Street East, spoke in opposition and voiced concerns with increased traffic on 27th Steet East from the proposed option B plan.

Greg DeLong, Planning and Community Development Assistant Director, entered an email into record from Leonard Copeland, who was in opposition to the proposed Option B plan.

Chair Neal asked if anyone else wished to speak, no one came forward and the public hearing was closed.

MOTION TO APPROVE RESOLUTION 26-28 by Commissioner Green and seconded by Commissioner Jones. The motion passed 5-1 because Commissioner Taylor voted no.

DIRECTOR'S REPORT: None.

ANNOUNCEMENT OF CITY COUNCIL PUBLIC HEARING DATES:

Mr. DeLong announced that Resolutions 26-02, 26-03, and 26-04 were unanimously approved at the City Council meeting on February 11, 2026. He added that City Council also unanimously approved Ordinance 4066 at the March 11, 2026, meeting and Ordinance 4069 at the March 25, 2026, meeting.

Mr. DeLong announced that all agenda items presented to the Planning Commission that day would be presented to City Council at the meeting on May 13, 2026.

MOTION TO ADJOURN was made by Vice Chair Bakker and seconded by Commissioner Green. The motion passed unanimously.

The meeting adjourned at 4:23 p.m.

NOTE: This is not a verbatim record. An audio recording of the meeting is available upon request.

APPOINTED OFFICERS (continued)

- A copy of the form must be provided immediately to the other members of the agency.
- The form must be read publicly at the next meeting after the form is filed.

IF YOU MAKE NO ATTEMPT TO INFLUENCE THE DECISION EXCEPT BY DISCUSSION AT THE MEETING:

- You must disclose orally the nature of your conflict in the measure before participating.
- You must complete the form and file it within 15 days after the vote occurs with the person responsible for recording the minutes of the meeting, who must incorporate the form in the minutes. A copy of the form must be provided immediately to the other members of the agency, and the form must be read publicly at the next meeting after the form is filed.

DISCLOSURE OF LOCAL OFFICER'S INTEREST

I, Benjamin Bakker, hereby disclose that on April 15th, 20 26 :

(a) A measure came or will come before my agency which (check one or more)

- inured to my special private gain or loss;
- inured to the special gain or loss of my business associate, _____ ;
- inured to the special gain or loss of my relative, _____ ;
- inured to the special gain or loss of NDC Commercial Real Estate, by whom I am retained; or
- inured to the special gain or loss of _____, which is the parent subsidiary, or sibling organization or subsidiary of a principal which has retained me.

(b) The measure before my agency and the nature of my conflicting interest in the measure is as follows:

If this proposal passes and the development is completed, my firm (NDC Commercial Real Estate) would be contracted as the leasing agent for the retail spaces. Meaning that if the development comes to fruition, I would indirectly stand to gain financially from the leasing commissions of this project's retail space. Therefore I am recusing myself from the vote for matters of conflict of interests.

If disclosure of specific information would violate confidentiality or privilege pursuant to law or rules governing attorneys, a public officer, who is also an attorney, may comply with the disclosure requirements of this section by disclosing the nature of the interest in such a way as to provide the public with notice of the conflict.

April 28th, 2026
Date Filed

DocuSigned by:
Ben Bakker 4/28/2026
Signature 795A83E6041146E...

NOTICE: UNDER PROVISIONS OF FLORIDA STATUTES §112.317, A FAILURE TO MAKE ANY REQUIRED DISCLOSURE CONSTITUTES GROUNDS FOR AND MAY BE PUNISHED BY ONE OR MORE OF THE FOLLOWING: IMPEACHMENT, REMOVAL OR SUSPENSION FROM OFFICE OR EMPLOYMENT, DEMOTION, REDUCTION IN SALARY, REPRIMAND, OR A CIVIL PENALTY NOT TO EXCEED \$10,000.

Item Cover Page

PLANNING COMMISSION MEETING AGENDA ITEM REPORT

- DATE:** May 20, 2026
- SUBMITTED BY:** Hannah Gordon, Planning & Community Development
- ITEM TYPE:** Resolution
- AGENDA SECTION:** **AGENDA ITEMS**
- SUBJECT:** **Quasi-Judicial:** RESOLUTION 26-41 - PUBLIC HEARING
A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BRADENTON GRANTING SPECIAL USE PERMIT PLN-SUP-26-0008 APPROVING CONSTRUCTION OF A PRIVATE DOCK EXTENDING 426 FEET IN TOTAL LENGTH AND 162 LINEAR FEET FROM THE SHORELINE OF PROPERTY LOCATED AT 1215 50TH STREET COURT EAST, BRADENTON, FLORIDA (PARCEL ID NO. 1127249751), AS MORE PARTICULARLY DESCRIBED HEREIN; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE. APPLICATION FILED BY MARK PARSONS OF DUNCAN SEAWALL, DOCK AND BOAT LIFT, LLC (AGENT) FOR DON BARRY JACKSON JR. AND CATHERINE FREELEY (OWNERS).
- SUGGESTED ACTION:** Motion to recommend to City Council either approval or denial of Resolution 26-41. If the action is to recommend approval, staff recommends the following stipulations to be applied to the approval:
1. The dock shall be kept in good working order and condition, to not degrade from the value of nearby properties. Dock design, including amenities, shall meet the requirements of all City of Bradenton ordinances.
 2. All other applicable state or federal permits be obtained before commencement of the development. Any conditions associated with the required FDEP permit will be met at time of

- construction, as well as proper maintenance of mangrove growth and removal of invasive species required leading up to and after construction.
3. The proper erosion and sediment control practices that minimize the amount of pollutants entering the Braden River will be taken during and after construction in compliance with the Erosion and Sedimentation Control Standards enforced by the City's Public Works and Utilities department.

Is this item Quasi-Judicial?

Yes

Does this item require a public hearing?

Yes

EXPLANATION:

The applicant is requesting a special use permit to construct a new private dock that extends 162 linear feet from the shoreline of the subject property. The subject dock, if approved, will be 426 feet in length and 1,800 square feet in total size. From the shoreline, the dock will be extending 162 feet in length with a total size of 744 square feet over mangroves. There will be 106 total pilings, and all deck boards will be pressure treated wood. A Special Use Permit is required because the length of the dock exceeds the limit of 80 linear feet and encroaches into the required 10-foot side setbacks at the rear property line.

FINANCIAL IMPACT:

N/A

ATTORNEY REVIEW/RECOMMENDATION:

Reviewed by City Attorney Rudacille.

SUGGESTED MOTION:

Motion to recommend to City Council either approval or denial of Resolution 26-41, with the stipulations recommended by staff.

ATTACHMENTS:

[Resolution 26-41](#)

[Staff Report](#)

[Application](#)

[DEP Permit](#)

RESOLUTION 26-41

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BRADENTON GRANTING SPECIAL USE PERMIT PLN-SUP-26-0008 APPROVING CONSTRUCTION OF A PRIVATE DOCK EXTENDING 426 FEET IN TOTAL LENGTH AND 162 LINEAR FEET FROM THE SHORELINE OF PROPERTY LOCATED AT 1215 50TH STREET COURT EAST, BRADENTON, FLORIDA (PARCEL ID NO. 1127249751), AS MORE PARTICULARLY DESCRIBED HEREIN; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE. APPLICATION FILED BY MARK PARSONS OF DUNCAN SEAWALL, DOCK AND BOAT LIFT, LLC (AGENT) FOR DON BARRY JACKSON JR. AND CATHERINE FREELEY (OWNERS).

WHEREAS, Don Barry Jackson Jr. and Catherine Freeley, (collectively, the “Property Owners”), own the property located at 1215 50th Street Court East, Bradenton, Florida (Parcel ID No. 1127249751), more particularly described in Exhibit “A” (the “Property”); and

WHEREAS, the City of Bradenton Comprehensive Plan’s Future Land Use Map designates the Property as RESLOW (Low Density Residential); and

WHEREAS, the City of Bradenton Official Zoning Map classifies the Property as R-1 (Single Family); and

WHEREAS, docks are listed as a permissible land use in the R-1 zoning district under City of Bradenton Land Use Regulations, Schedule 3.2.1.1; and

WHEREAS, the City of Bradenton Land Use Regulations, Section 5.1.2.14, provides that docks and piers shall maintain a minimum of a 10-foot setback from the side lines of property or extension thereof into the water body and that the maximum length of any dock shall not exceed 80 feet; and

WHEREAS, a residential dock, which does not meet the dimensional criteria of Section 5.1.2.14 requires special use permit approval; and

WHEREAS, the City of Bradenton Land Use Regulations, Section 3.3.3, addresses docks requiring a special use permit; and

WHEREAS, Mark Parsons of Duncan Seawall, Dock and Boat Lift, LLC, as authorized agent for Property Owners (“Applicant”), submitted an application for a Special Use Permit to construct a private, residential dock that extends 426 feet in total length and 162 linear feet from the shoreline of the Property, as generally depicted on the Site Plan attached hereto as Exhibit “B”; and

WHEREAS, a Special Use Permit is required because the total length of the dock exceeds the limit of 80 feet and encroaches into the 10-foot side setbacks at the rear line of the Property; and

WHEREAS, the Planning Commission held a noticed public hearing on May 20, 2026, at which the Commission received testimony and evidence from the Applicant, City Planning staff, and members of the public in attendance; and

WHEREAS, the City Council held a noticed public hearing on June 10, 2026, at which the City Council received testimony and evidence from the Applicant, City Planning staff and members of the public in attendance.

NOW, THEREFORE, the City Council makes the following Findings of Fact and conclusions of Law and issues the Final Order as follows:

Section 1. Findings of Fact and Conclusions of Law. After considering the evidence on the record and that presented during the public hearing, including the City Planning staff report and the recommendation of the Planning Commission, the City Council hereby makes the following Findings of Fact and Conclusions of Law:

- a. The Whereas clauses contained herein are hereby adopted as Findings of Fact.
- b. The Property Owners are requesting approval of a Special Use Permit to construct a private, residential dock that extends 426 feet in total length and 162 linear feet from the shoreline of the Property, as generally depicted on the Site Plan attached hereto as Exhibit “B”.
- c. The City’s professional Planning staff determined that the project as proposed is consistent with the Comprehensive Plan and meets the criteria for approval under the Land Use Regulations.
- d. The Planning Commission, which is designated as the local planning agency, determined that the project as proposed is consistent with the Comprehensive Plan and meets the criteria for approval under the Land Use Regulations.
- e. The Planning Commission recommended approval of the Special Use Permit with stipulations.
- f. The proposed use, with applicable stipulations, meets the requirements of Section 3.3.3 of the City of Bradenton Land Use Regulations, as described below:
 1. The dock, pier or appurtenance shall not be attached to a seawall or other structure located in the public right-of-way.
 2. Setbacks as specified by the Department of Environmental Protection must be complied with in the dock design, a minimum of 10 feet.

3. The Property Owners have provided a signed Easement Encroachment form with the City of Bradenton for usage of the waterfront property and construction of the dock.
4. The dock, pier or appurtenance will be compatible and appropriate with adjacent properties or other properties within the district.
5. Approval from the Florida Department of Environmental Protection has been provided.

Section 2. Order. Based upon the foregoing, a Special Use Permit is hereby approved and issued for the Property, to construct a private, residential dock that extends 426 feet in total length and 162 linear feet from the shoreline of the Property, as generally depicted on the Site Plan attached hereto as Exhibit “B”, subject to the following stipulations:

1. The dock shall be kept in good working order and condition, to not degrade from the value of nearby properties. Dock design, including amenities, shall meet the requirements of all City of Bradenton ordinances.
2. All other applicable state or federal permits be obtained before commencement of the development. Any conditions associated with the required Florida Department of Environmental Protection permit will be met at time of construction, as well as proper maintenance of mangrove growth and removal of invasive species required leading up to and after construction.
3. The proper erosion and sediment control practices that minimize the amount of pollutants entering the Braden River will be taken during and after construction in compliance with the Erosion and Sedimentation Control Standards enforced by the City’s Public Works and Utilities department.

Section 3. State and Federal Permits. Issuance of this development permit by the City does not in any way create any right on the part of the Property Owners to obtain a permit from a state or federal agency and does not create any liability on the part of the City for issuance of the permit if the Property Owners fail to obtain requisite approvals or fulfill the obligations imposed by a state or federal agency or undertakes actions that result in a violation of state or federal law. The Property Owners must obtain all applicable state and federal permits before commencing development or use.

Section 4. Severability. In the event that any portion or section of this Order is determined to be invalid, illegal or unconstitutional by a court of competent jurisdiction, such decisions shall in no manner affect the remaining portions or sections of the Special Use Permit which shall remain in full force and effect.

Section 5. Effective Date. The effective date of this Special Use Permit shall be upon adoption.

ORDERED ON BEHALF OF THE CITY OF BRADENTON THIS 27TH DAY OF MAY 2026.

THE CITY OF BRADENTON, BY AND THROUGH THE CITY COUNCIL OF THE CITY OF BRADENTON

ATTEST:

Tamara Melton
CITY CLERK
APPROVED AS TO FORM:

Gene Brown
MAYOR

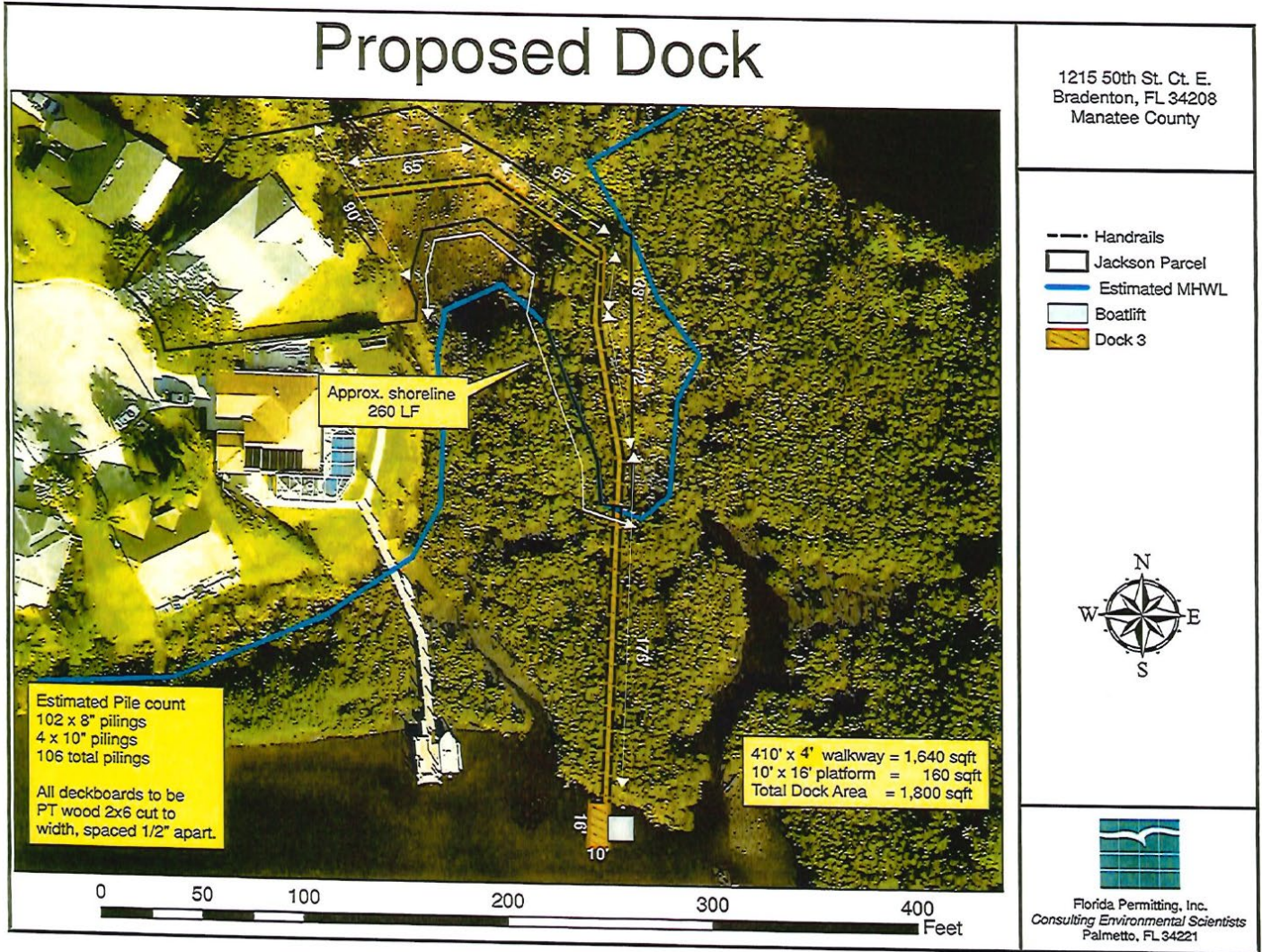
Scott Rudacille
CITY ATTORNEY

EXHIBIT "A"

Legal Description

LOT 16, IN BLOCK "B", OF BRADEN RIVER LAKES PHASE IV, ACCORDING TO THE MAP OR PLAT THEREOF, RECORDED IN PLAT BOOK 27, AT PAGE 65, OF THE PUBLIC RECORDS OF MANATEE COUNTY, FLORIDA.

EXHIBIT "B"
Proposed Site Plan



City of Bradenton
Planning and Community Development Department
Planning Commission Public Hearing
May 20, 2026

Staff Report

Case Number: PLN-SUP-26-0008; RES-WTR-26-0002
Applicant: Mark Parsons, Duncan Seawall, Dock and Boat Lift, LLC,
agent for Don Barry Jackson Jr., owner
Address: 1215 50th Street Court East, Bradenton, FL 34208
Parcel ID: 1127249751
Zoning/Future Land Use: R-1/RESLOW
Flood Zone: AE/Floodway

Surrounding Property:

Zoning:

North: R-1 (Single Family)
East: Manatee County Unincorporated
West, South: R-1 (Single Family)

Future Land Use:

North: RESLOW
East: Manatee County Unincorporated
West, South: RESLOW

Summary of Request:

The applicant is requesting a special use permit to construct a new private dock that extends 162 linear feet from the shoreline of the subject property.

The subject dock, if approved, will be 426 feet in length and 1,800 square feet in total size. From the shoreline, the dock will be extending 162 feet in length with a total size of 744 square feet over mangroves. There will be 106 total pilings, and all deck boards will be pressure treated wood.

A Special Use Permit is required because the length of the dock exceeds the limit of 80 linear feet and encroaches into the required 10-foot side setbacks at the rear property line. These are the dimensional requirements per the Land Use Regulations section 5.1.2.14 that shall be met unless otherwise stipulated by special use permit.

The applicant acquired an Environmental Resource Permit (ERP) by the Florida Department of Environmental Protection (FDEP) which approves construction of this dock with several stipulations. Due to the unavoidable impacts to the site's salt marsh and mangrove swamp, the permit included stipulations to offset said impacts such as requiring the removal of invasive plant species and maintaining a certain percentage of mangrove regrowth. The complete permit packet is included in the attachments of the agenda item.

All other requirements listed in the Land Use Regulations that would allow a dock to be erected beyond the mean high water line of public waterways are met.

General Standards:

3.3.1 All special uses shall comply at minimum with the following standards. Additional requirements may be made by city council to ensure compatibility of uses.

3.3.1.1 All special uses shall be subject to the general regulations of these LURs for single lot development, structures, lots, yards and vehicular use areas as well as the specific dimensional regulations for lots and structures for the zoning district in which the special use is proposed.

Review Criteria:

5.1.2.14 Docks and piers may be erected beyond the mean high water line of public waterways or beyond the shorelines of ponds or lakes of over an acre in size, subject to the following:

- a. The applicant shall furnish proof of ownership of the property at the mean high water line or pond shoreline where the dock is to be located, or other documentation of his right to use the shorelines and waterbody. Owners of waterfront property without riparian rights may apply for a special use for a dock on public waterfront provided there is no private property intervening between the proposed dock location and the applicant's property.

Staff response: Proof of ownership of the property at the mean high water line has been provided in the form of a boundary survey and a site plan

depicting the mean high water line. Additionally, the parcel demonstrated sufficient upland interest per the approved Florida Department of Environmental Protection (FDEP) Environmental Resource Permit (ERP) which determines that the owner has riparian rights necessary to conduct the proposed activity.

- b. If the dock is proposed to be constructed or repaired in a public waterway or over wetlands, the applicant must provide authorization from the appropriate state or federal agency, prior to local permit review and approval. If a dock is proposed on a public right-of-way, or easement, the applicant, prior to the issuance of a permit, shall sign an affidavit acknowledging the right of the city council to issue an order for removal of the dock any time without compensation to the owner of the dock.

Staff response: The applicant provided an approved ERP issued by the FDEP that allows this activity in the public waterway. The dock encroaches an easement on the property, to which the owner provided a signed Easement Encroachment Agreement form. This form requires the signature of the Mayor, Gene Brown, and City Clerk, Tamara Melton, and must be recorded at the Manatee County Clerk of Courts. This form is included in the attachments of the agenda item.

- c. A permit or exemption letter from the DEP (Department of Environmental Protection).

Staff Response: The applicant provided an approved ERP issued by the FDEP.

- d. The following dimensional requirements shall be met unless otherwise stipulated by special use permit:
 - I. Docks and piers shall maintain a minimum of a ten-foot setback from the side lines of property or the extension thereof into the water body.

Staff response: The rear lot line is 15.70 feet in length, and the dock is encroaching into the 10-foot side setbacks by nearly 5 feet on either side.

- II. The height of the flooring of any dock shall not exceed five feet above mean sea level or average water level in the case of a retention pond or lake.

Staff response: The proposed dock is not located in a retention pond or lake.

III. Superstructures on any dock shall require a special use permit.

Staff response: A superstructure is not included in the proposed construction.

IV. In a public waterway, the maximum length of any dock shall not exceed 80 feet or 25 percent of the width of the waterway or closer than 25 feet to the center of any public channel, whichever is less.

Staff response: The total length of the dock is 426 feet, which exceeds the limit of 80 feet in length.

V. In a retention pond or lake, the maximum width shall be five feet, and the maximum length of any dock shall not exceed whichever is the lesser of the following dimensions: 20 feet or ten percent of the width of the lake measured from the foot of the dock, in line with the dock, to the opposite side of the lake.

Staff response: The proposed dock is not located in a retention pond or lake.

Should Planning Commission wish to recommend to City Council approval of the subject request, staff recommend the following stipulations be applied to the approval:

1. The dock shall be kept in good working order and condition, to not degrade from the value of nearby properties. Dock design, including amenities, shall meet the requirements of all City of Bradenton ordinances.
2. All other applicable state or federal permits be obtained before commencement of the development. Any conditions associated with the required FDEP permit will be met at time of construction, as well as proper maintenance of mangrove growth and removal of invasive species required leading up to and after construction.
3. The proper erosion and sediment control practices that minimize the amount of pollutants entering the Braden River will be taken during and after construction in compliance with the Erosion and Sedimentation Control Standards enforced by the City's Public Works and Utilities department.

Respectfully submitted,

Hannah Gordon

Hannah Gordon, CFM, City Planner
Planning & Community Development

ATTACHMENTS:

- Exhibit 1: Location Map
- Exhibit 2: Future Land Use Map
- Exhibit 3: Zoning Map
- Exhibit 4: Special Use Site Plan
- Exhibit 5: Mangrove Impacts
- Exhibit 6: Boundary Survey Sketch

EXHIBIT 1: LOCATION MAP

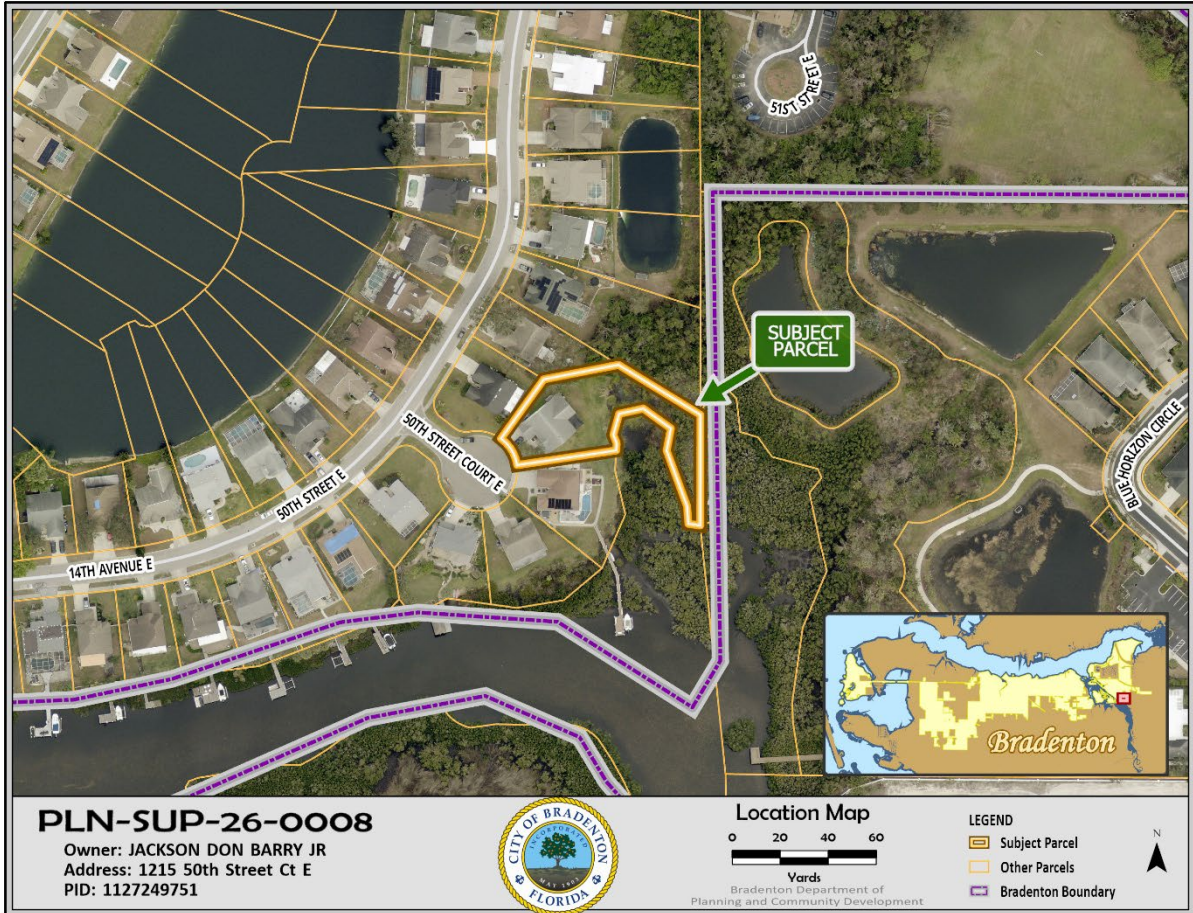


EXHIBIT 2: FUTURE LAND USE MAP

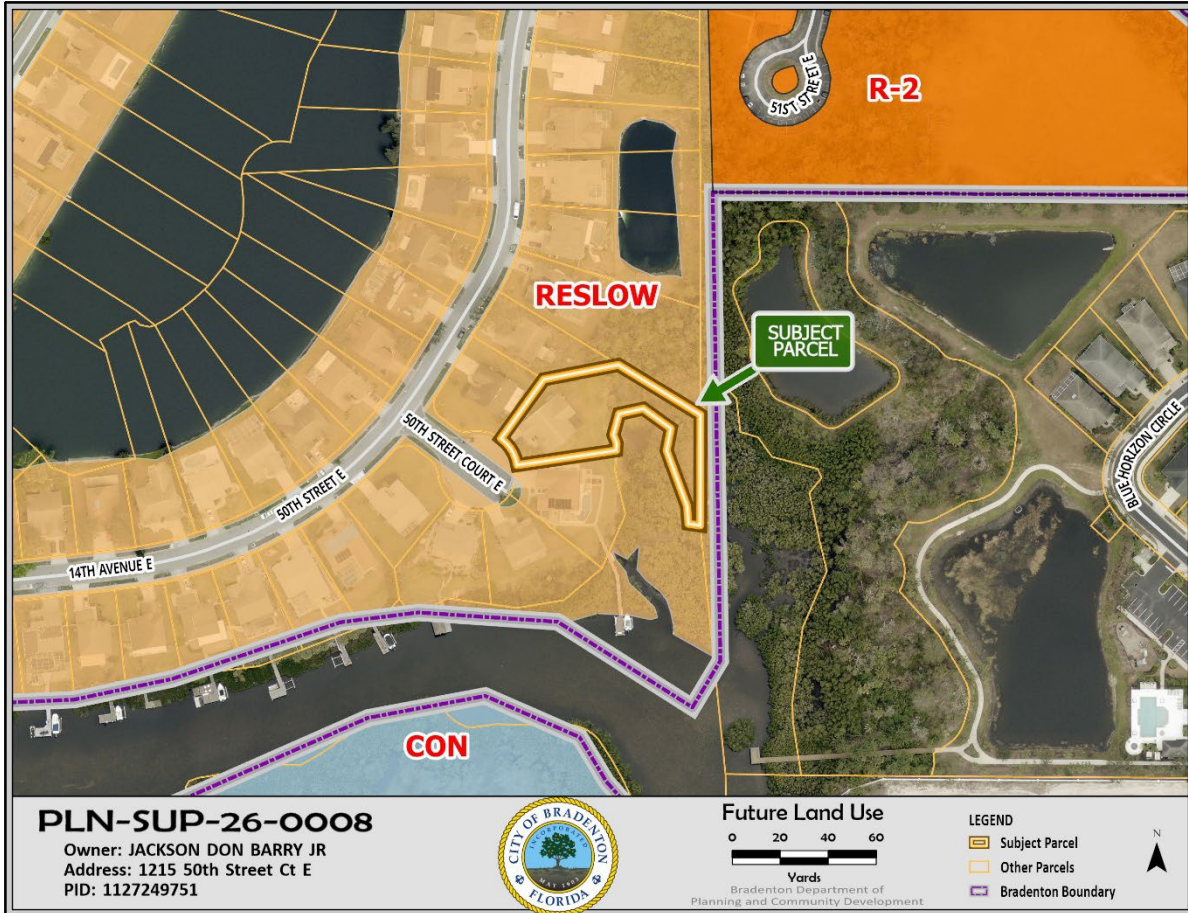


EXHIBIT 3: ZONING MAP

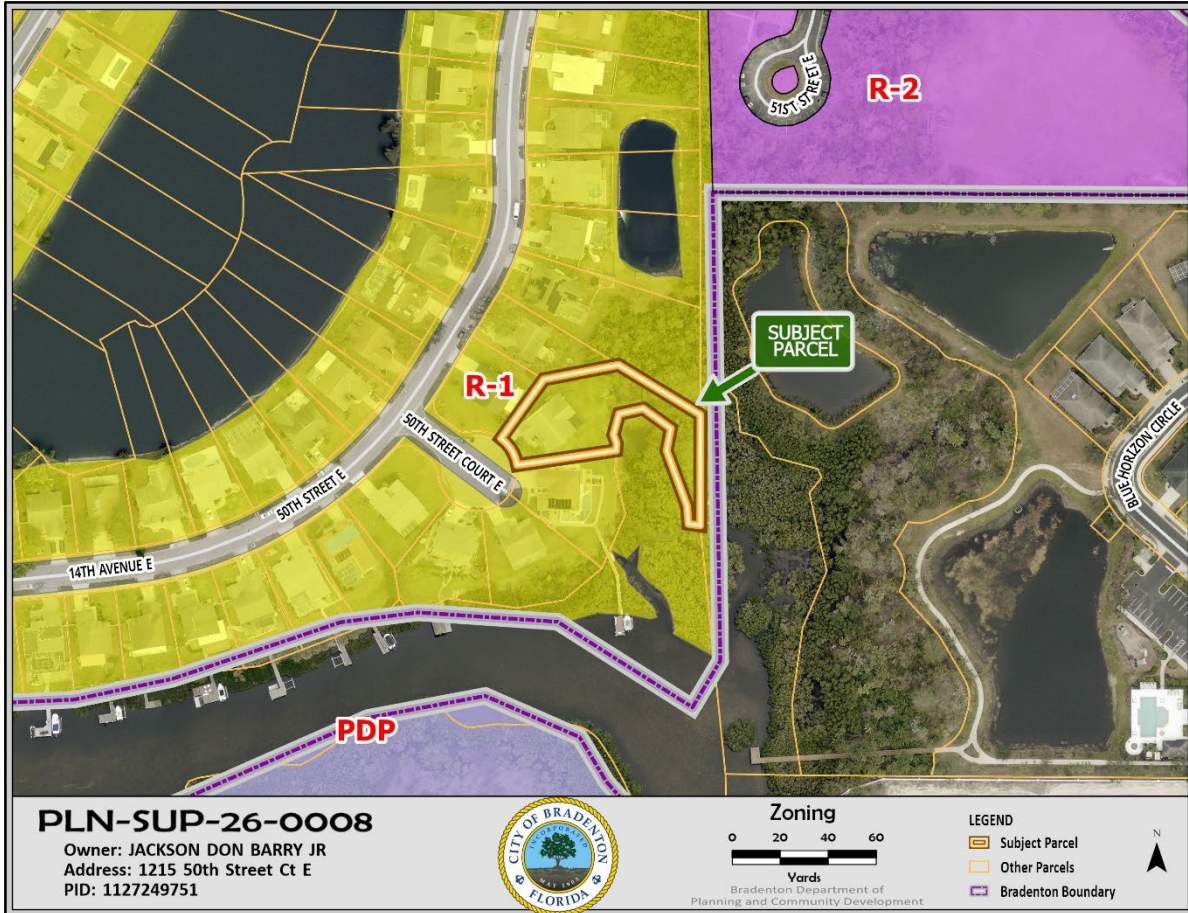


EXHIBIT 4: SPECIAL USE SITE PLAN

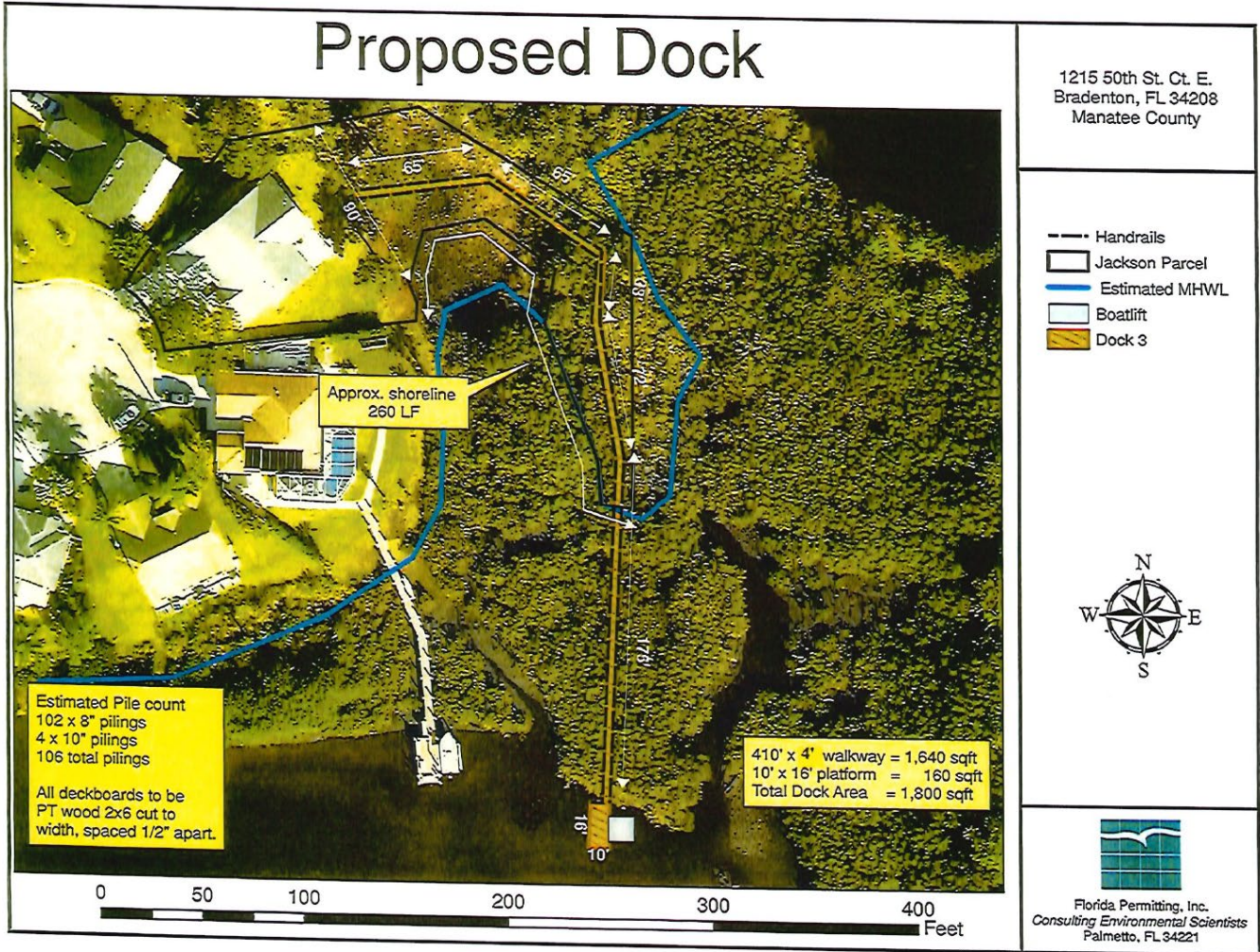


EXHIBIT 5: Mangrove Impacts

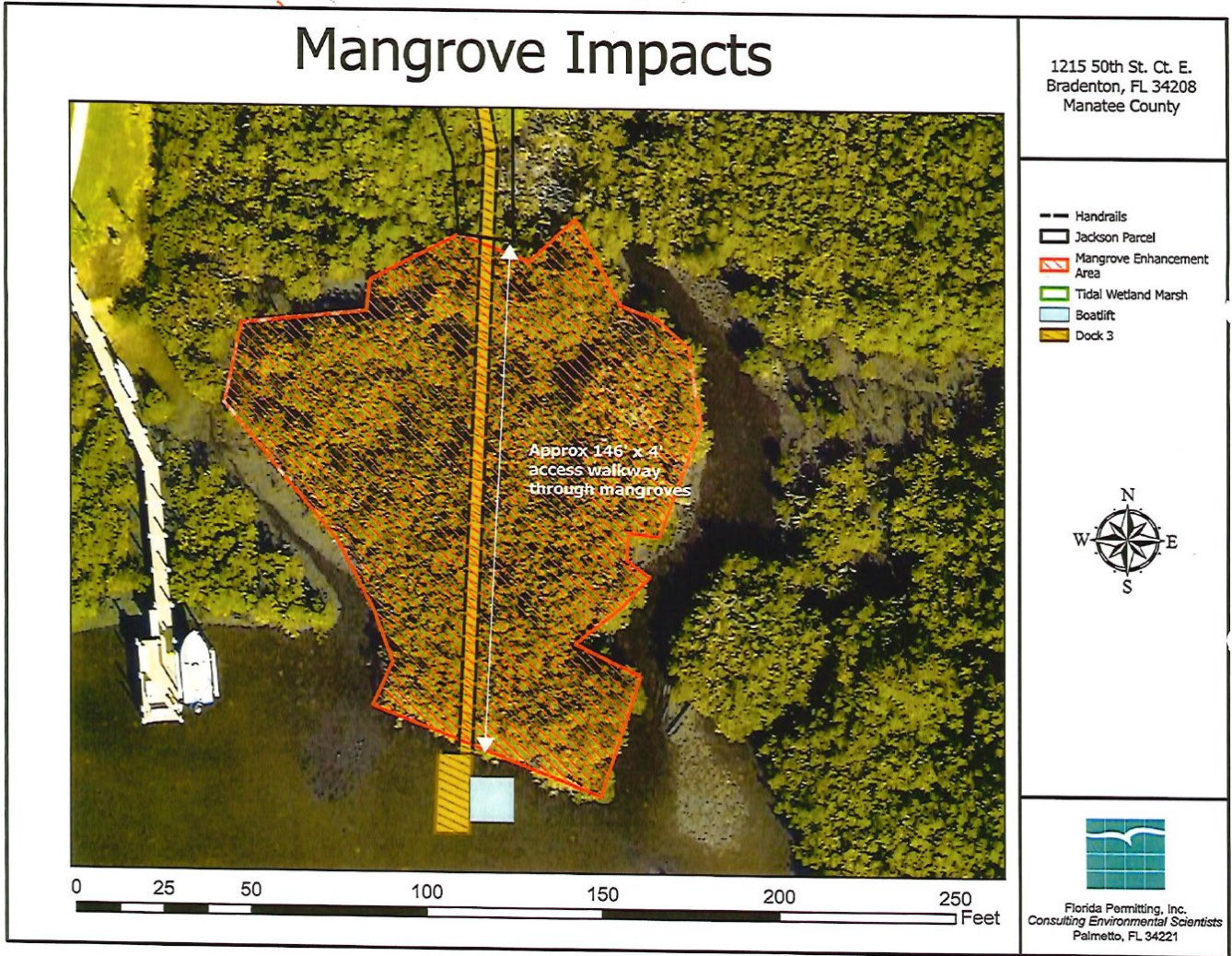


EXHIBIT 6: Boundary Survey Sketch

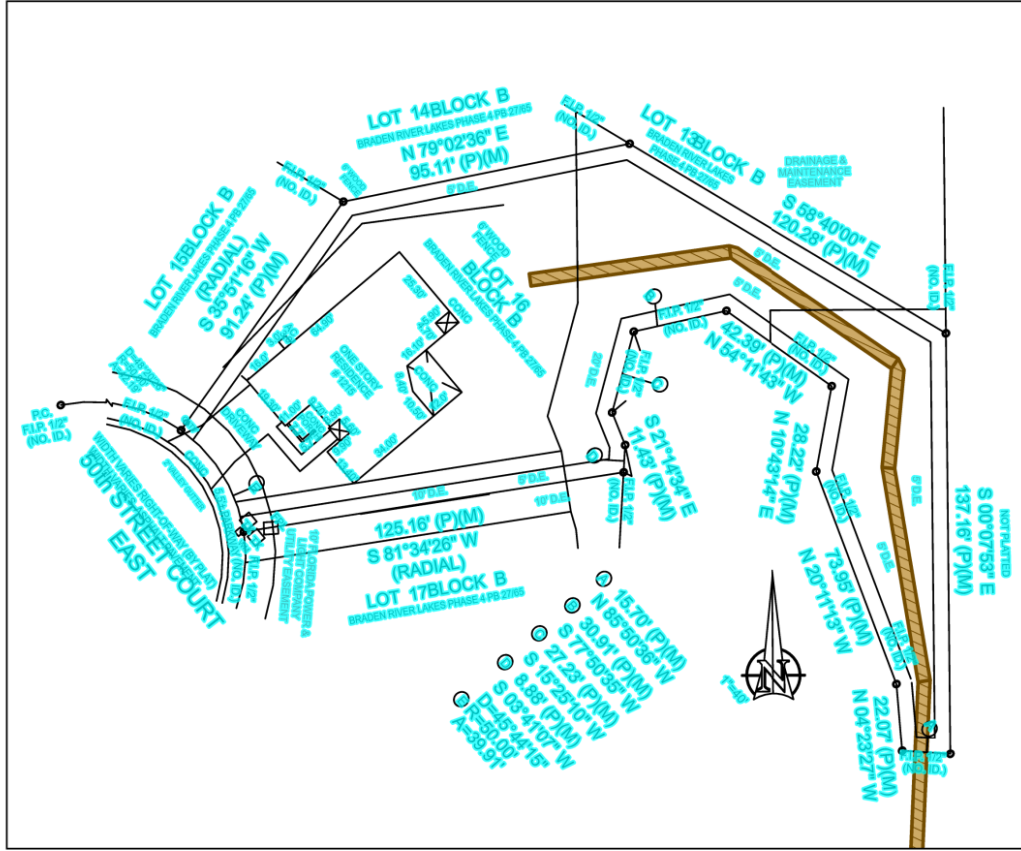
Survey Sketch of Dock

1215 50th St. Ct. E.
 Bradenton, FL 34208
 Manatee County

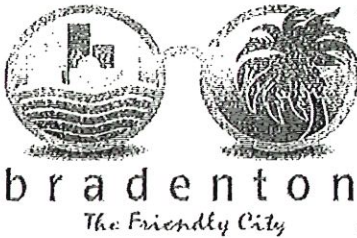
 Dock 3



Florida Permitting, Inc.
 Consulting Environmental Scientists
 Palmetto, FL 34221



0 25 50 100 150 200 250 300 Feet



Agent Authorization Form

Department of Planning & Community Development
101 Old Main Street, Bradenton, FL 34205
Ph: (941) 932-9400
www.cityofbradenton.com

PLANNING & ZONING AGENT AUTHORIZATION FORM

Property Address: 1215 50th Street Ct E

I, Don Jackson, the registered property owner(s) of the above noted property, do hereby authorize

Mark Parsons Duncan Seawall, Dock and Boat Lift, LLC
Print Name of Agent Company Name

to act on my behalf and take all actions necessary for the processing, issuance and acceptance of this permit or certification and any and all standards and conditions applicable.

AGENT AUTHORIZATION

REQUIRED

[Signature] same as above
Signature of Owner(s) Owner(s) Address (if different than property above)
1714 Independence Blvd, Sarasota, FL 941-351-1553
Signature of Agent Agent Address and Phone

STATE OF FLORIDA, MANATEE COUNTY

The Foregoing Instrument was acknowledged before me by means of D physical presence or online notarization, this 12 day of March, produced known respectively, as

NOTARY

REQUIRED

Identification and who did (did not) take an oath:

[Signature]
Signature
Yuliya Shinkevich, Notary Public
Print Name

Yuliya Shinkevich
Notary Public
State of Florida
My Commission Expires 10/29/2029
Commission No: HH725912

State of Florida
My Commission Expires: 10/29/2029

Proposed Dock

1215 50th St. Ct. E.
 Bradenton, FL 34208
 Manatee County

- Handrails
- Jackson Parcel
- Estimated MHWL
- Boatlift
- Dock 3



Florida Permitting, Inc.
 Consulting Environmental Scientists
 Palmetto, FL 34221



Platform Detail

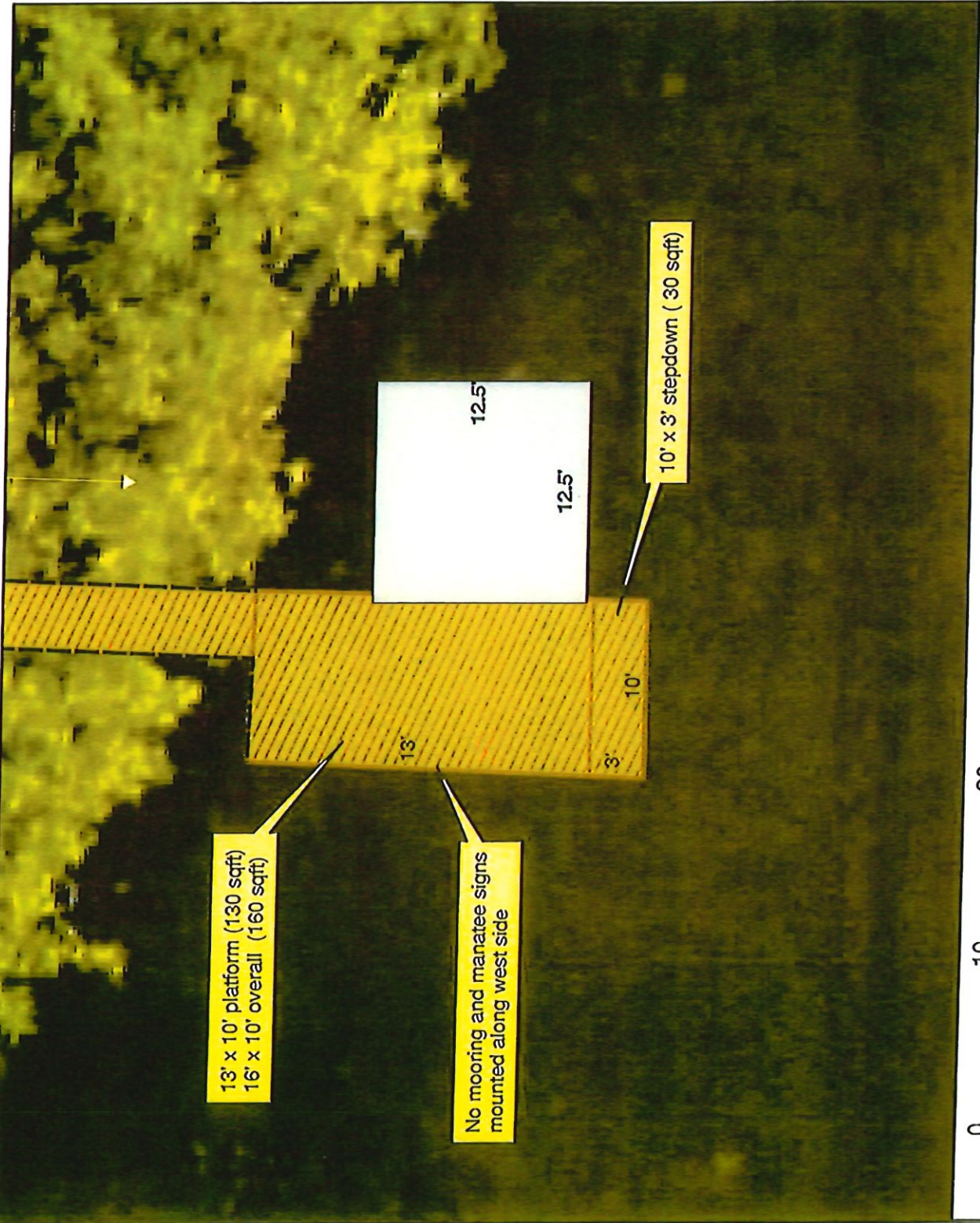
1215 50th St. Ct. E.
 Bradenton, FL 34208
 Manatee County

-  Handrails
-  Jackson Parcel
-  Estimated MHWL
-  Boatlift
-  Dock 3

Survey Date April 24, 2024
 9:30-11:10 A.M.
 -0.0' Tide at 10:15 A.M.
 Ellenton Tide Station



Florida Permitting, Inc.
 Consulting Environmental Scientists
 Palmetto, FL 34221



13' x 10' platform (130 sqft)
 16' x 10' overall (160 sqft)

No mooring and manatee signs
 mounted along west side

10' x 3' stepdown (30 sqft)



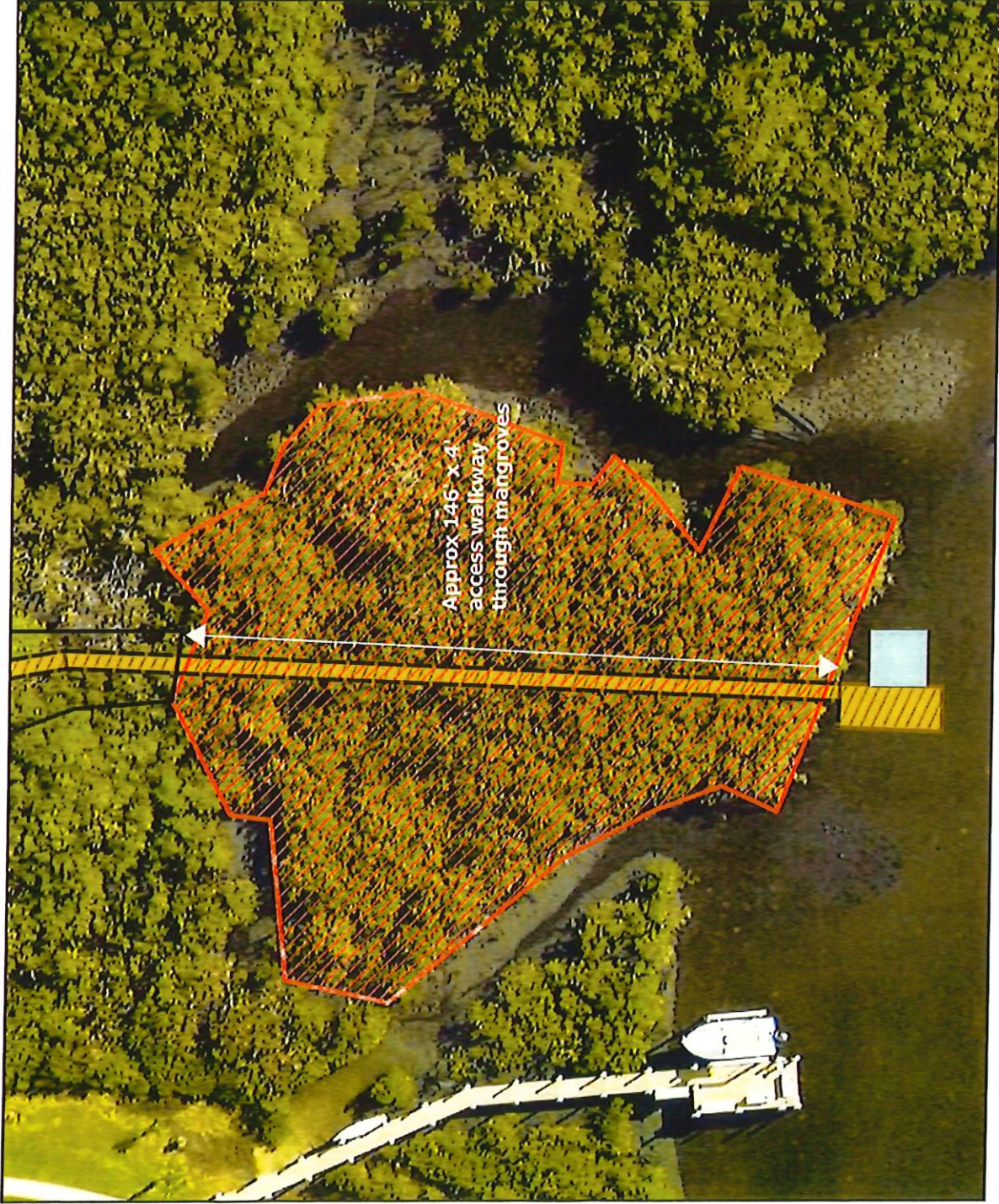
Mangrove Impacts

1215 50th St. Ct. E.
Bradenton, FL 34208
Manatee County

- Handrails
- Jackson Parcel
- ▨ Mangrove Enhancement Area
- Tidal Wetland Marsh
- Boatlift
- Dock 3



Florida Permitting, Inc.
Consulting Environmental Scientists
Palmetto, FL 34221

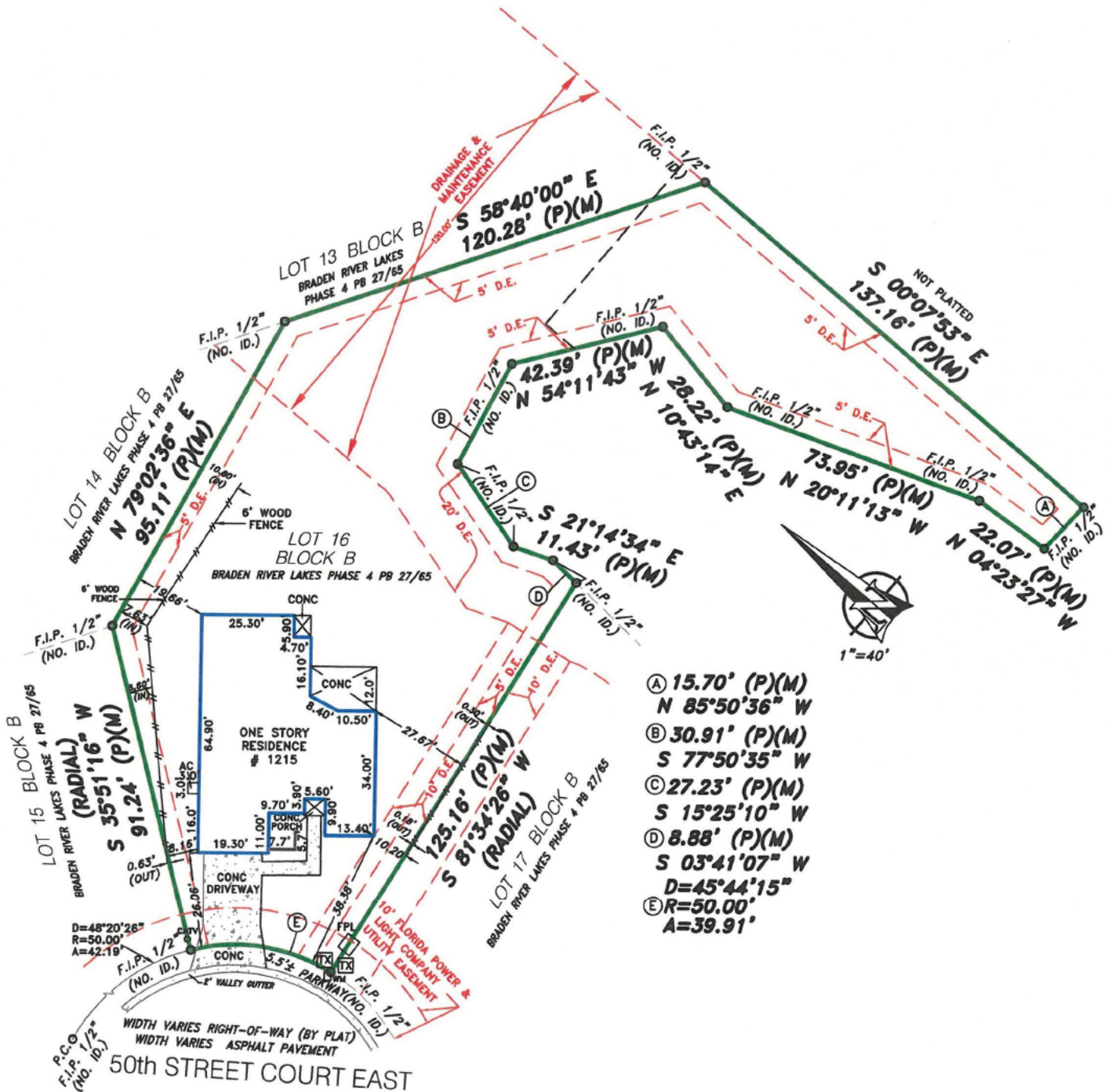




Proudly Serving
the Florida Real
Estate Community
for Over 20 Years

WWW.MELANDSERVICES.COM

This survey shall not be used for construction/permitting purposes without written consent from the land surveyor who has signed and sealed this survey.



Accepted By: _____

Property Address:
1215 50th Street Court E.
Bradenton, FLORIDA 34208

Notes: CONCRETE ENCUMBERS 10' EASEMENT ALONG WEST PROPERTY LINE.
CONCRETE AND FENCE ENCUMBER 5' EASEMENT ALONG NORTH PROPERTY LINE.

SURVEYOR'S CERTIFICATION I HEREBY CERTIFY THAT THIS BOUNDARY SURVEY IS A TRUE AND CORRECT REPRESENTATION OF A SURVEY PREPARED UNDER MY DIRECTION AND CONTROL WHICH COMPLIES WITH THE MINIMUM TECHNICAL STANDARDS, AS SET FORTH BY THE STATE OF FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 6J-17-052, FLORIDA ADMINISTRATIVE CODE PURSUANT TO 472.027 FLORIDA STATUTES.

M.E. Land Surveying, LLC
P.O. Box 970685
Miami, FL 33197
Phone: (305) 740-3319
Fax: (305) 669-3190
LB#: 7989

SIGNED _____ FOR THE FIRM
Miguel Espinosa STATE OF FLORIDA P.S.M. No. 5101



NOT VALID WITHOUT AN AUTHENTIC ELECTRONIC SIGNATURE AND AUTHENTICATED ELECTRONIC SEAL AND / OR THIS MAP IS NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A LICENSED SURVEYOR AND MAPPER



Surveyor's Legend

<p>— LIMITED ACCESS RIGHT-OF-WAY LINE</p> <p>— PROPERTY LINE</p> <p>— STRUCTURE LINE</p> <p>— CONCRETE BLOCK WALL</p> <p>— X — CHAIN LINK FENCE OR WIRE FENCE</p> <p>— // // — WOOD FENCE</p> <p>— ○ — IRON FENCE</p> <p>— - - - EASEMENT</p> <p>— - - - CENTER LINE</p> <p>— WOOD DECK</p> <p>— ASPHALT</p> <p>— BRICK / TILE</p> <p>— WATER</p> <p>— APPROXIMATE EDGE OF WATER</p> <p>— COVERED AREA</p> <p>— TREE</p> <p>— POWER POLE</p> <p>— CATCH BASIN</p> <p>C.U.E. COUNTY UTILITY EASEMENT</p> <p>I.E./E.E. INGRESS / EGRESS EASEMENT</p> <p>U.E. UTILITY EASEMENT</p> <p>EP ELECTRIC POLE</p> <p>PG PAGE</p> <p>P.B. FLAT BOOK</p>	<p>FND FOUND IRON PIPE / PIN AS NOTED ON PLAT</p> <p>LB# LICENSE # - BUSINESS</p> <p>LS# LICENSE # - SURVEYOR</p> <p>CALC CALCULATED POINT</p> <p>SET SET PIN</p> <p>▲ CONTROL POINT</p> <p>■ CONCRETE MONUMENT</p> <p>⊕ BENCHMARK</p> <p>ELEV ELEVATION</p> <p>P.T. POINT OF TANGENCY</p> <p>P.C. POINT OF CURVATURE</p> <p>P.R.M. PERMANENT REFERENCE MONUMENT</p> <p>P.C.C. POINT OF COMPOUND CURVATURE</p> <p>P.R.C. POINT OF REVERSE CURVATURE</p> <p>P.O.B. POINT OF BEGINNING</p> <p>P.O.C. POINT OF COMMENCEMENT</p> <p>P.C.P. PERMANENT CONTROL POINT</p> <p>M FIELD MEASUREMENT</p> <p>D DEED</p> <p>C CALCULATED</p> <p>L.M.E. LAKE OR LANDSCAPE MAINTENANCE EASEMENT</p> <p>R.O.E. ROOF OVERHANG EASEMENT</p> <p>CONC. CONCRETE</p> <p>CSW CONCRETE SIDEWALK</p> <p>L CURVE LENGTH</p>	<p>B.R. BEARING REFERENCE</p> <p>— CENTRAL ANGLE OR DELTA</p> <p>R RADIUS</p> <p>RAD RADIAL</p> <p>N.R. NON RADIAL</p> <p>TYP. TYPICAL</p> <p>I.R. IRON ROD</p> <p>I.P. IRON PIPE</p> <p>N&D NAIL & DISK</p> <p>PK NAIL PARKER-KALON NAIL</p> <p>D.H. DRILL HOLE</p> <p>⊙ WELL</p> <p>⊠ FIRE HYDRANT</p> <p>⊕ MANHOLE</p> <p>O.H.L. OVERHEAD LINES</p> <p>TRANS. TRANSFORMER</p> <p>CATV CABLE TV RISER</p> <p>⊕ WATER METER</p> <p>PIE POOL EQUIPMENT</p> <p>CONC. CONCRETE SLAB</p> <p>ESMT EASEMENT</p> <p>D.E. DRAINAGE EASEMENT</p> <p>L.B.E. LANDSCAPE BUFFER EASEMENT</p> <p>L.A.E. LIMITED ACCESS EASEMENT</p> <p>B.C.R. BROWARD COUNTY RECORDS</p> <p>F.I.R. FOUND IRON PIN / REBAR</p> <p>WF WOOD FENCE</p>
		<p>TEL. TELEPHONE FACILITIES</p> <p>U.P. UTILITY POLE</p> <p>E.U.B. ELECTRIC UTILITY BOX</p> <p>SEP. SEPTIC</p> <p>D.F. DRAINFIELD</p> <p>A/C AIR CONDITIONER</p> <p>S/W SIDEWALK</p> <p>DWY DRIVEWAY</p> <p>SCR. SCREENED</p> <p>GAR. GARAGE</p> <p>ENCL. ENCLOSURE</p> <p>N.T.S. NOT TO SCALE</p> <p>F.F. FINISHED FLOOR</p> <p>T.O.B. TOP OF BANK</p> <p>E.O.W. EDGE OF WATER</p> <p>E.O.P. EDGE OF PAVEMENT</p> <p>C.V.G. CONCRETE VALLEY GUTTER</p> <p>B.S.L. BUILDING SETBACK LINE</p> <p>S.T.L. SURVEY TIE LINE</p> <p>⊕ CENTER LINE</p> <p>R/W RIGHT-OF-WAY</p> <p>P.U.E. PUBLIC UTILITY EASEMENT</p> <p>C.M.E. CANAL MAINTENANCE EASEMENT</p> <p>A.E. ANCHOR EASEMENT</p> <p>ID IDENTIFICATION</p> <p>BC BLOCK CORNER</p>

Property Address:

1215 50th Street Court E.
Bradenton, FLORIDA 34208

Flood Information:

Community Number: 120155
Panel Number: 12081C0326
Suffix: C
Date of Firm Index: 05/18/1992
Flood Zone: X
Base Flood Elevation:
Date of Field Work: 12/09/2022
Date of Completion: 12/14/2022

General Notes:

- 1.) The Legal Description used to perform this survey was supplied by others. This survey does not determine or is not to imply ownership
- 2.) This survey only shows above ground improvements. Underground utilities, footings, or encroachments are not located on this survey map
- 3.) The minimum relative distance accuracy for this type of Survey is 1 foot in 10,000 feet. The accuracy obtained by measurement and calculation of closed geometric figures was found to exceed this requirement. Well-identified features as depicted on the Survey Map were measure to an estimated horizontal positional accuracy of 1/10 foot.
- 4.) If there is a septic tank, well, or drain field on this survey, the location of such items was shown to us by others and the information was not verified.
- 5.) Examination of the abstract of title will have to be made to determine recorded instruments, if any, affect this property. The lands shown herein were not abstracted for easement or other recorded encumbrances not shown on the plat.
- 6.) Wall/fence ties shown are from the inside face of the wall/fence to the property line.
- 7.) Fence ownership is not determined.
- 8.) Bearings referenced to line noted B.R also are assumed.
- 9.) Dimensions shown are platted and measured unless otherwise shown.
- 10.) No identification found on property corners unless noted.
- 11.) Not valid unless sealed with the signing surveyors embossed seal.
- 12.) Boundary survey means a drawing and/or graphic representation of the survey work performed in the field, could be drawn at a shown scale and/or not to scale.
- 13.) Elevations if shown are based upon NGVD 1929 unless otherwise noted.
- 14.) This is a BOUNDARY SURVEY unless otherwise noted.
- 15.) This survey is exclusive for the use of the parties to whom it is certified. The certifications do not extend to any unnamed parties.
- 16.) This survey shall not be used for construction/permitting purposes without written consent from the land surveyor who has signed and sealed this survey.

Legal Description:

Lot 16, in Block "B", of Braden River Lakes Phase IV, according to the map or plat hereof, recorded in Plat Book 27, at Page 65, of the Public Records of Manatee County, Florida.

Printing Instructions:

While viewing the survey in any PDF Reader, select the File Drop-down and select "Print". Select a color printer, if available; or at least one with 8.5" x 14" (legal) paper. Select ALL for Print Range, and the # of copies you would like to print out. Under the "Page Scaling" please make sure you have selected "None". Do not check the "Auto-rotate and Center" box. Check the "Choose Paper size by PDF" checkbox, then click OK to print.

Certified To:

Don Jackson and Catherine Freeley
Suncoast One Title & Closings, Inc.
Agents National Title Insurance Company
Home Point Financial Corporation
 its successors and/or assigns as their interest may appear.

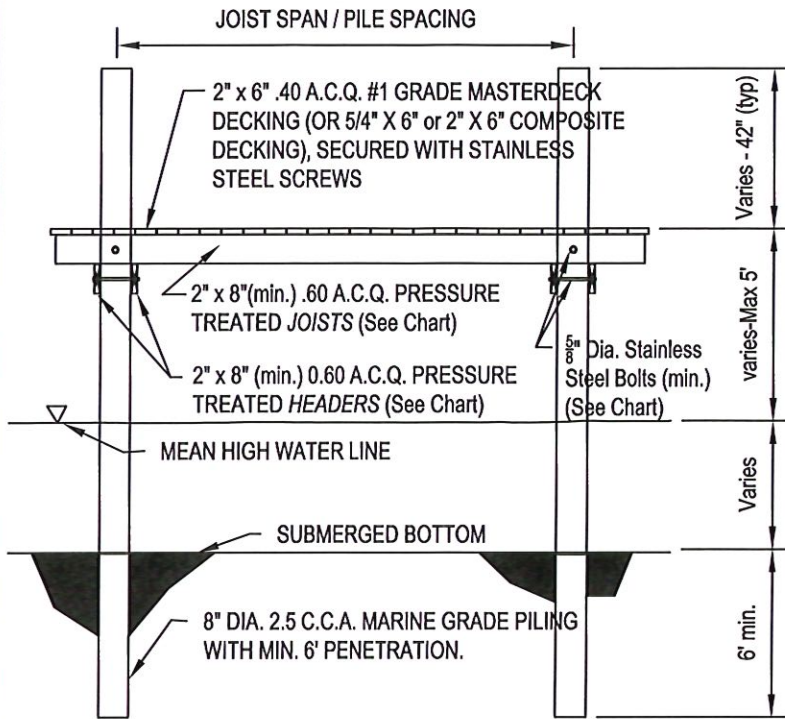
Please copy below for policy preparation purposes only:

This policy does not insure against loss or damage by reason of the following exceptions: Any rights, easements, interests, or claims which may exist by reason of, or reflected by, the following facts shown on the survey prepared by
Miguel Espinosa, for M.E. Land Surveying Inc., dated 12/14/2022 bearing Job # B-121308 :
 a. CONCRETE ENCUMBERS 10' EASEMENT ALONG WEST PROPERTY LINE. CONCRETE AND FENCE ENCUMBER 5' EASEMENT ALONG NORTH PROPERTY LINE.

M.E. Land Surveying, LLC

P.O. Box 970685 Miami, FL 33197
 Phone: (305) 740-3319
 Fax: (305) 669-3190
 LB#: 7989



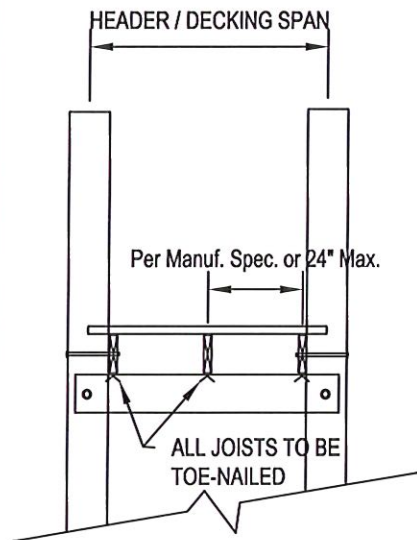


LONGITUDINAL DOCK CROSS SECTION

GENERAL NOTES:

- IN LIEU OF SPECIFIC CODE REQUIREMENTS, RESIDENTIAL DOCK HAS BEEN DESIGNED FOR THE FOLLOWING MINIMAL CONDITIONS:
 LIVE LOAD: 40 PSF
 DEAD LOAD: 10 PSF
 HURRICANE UPLIFT: 30 PSF
 DEFLECTION LIMITS: L/360 (LIVE LOAD)
- ALL DIMENSIONAL LUMBER SHALL BE MINIMUM NO. 2 SOUTHERN YELLOW PINE.
- DESIGN MEETS MINIMUM REQUIREMENTS OF THE 2023 8th Edition FLORIDA BUILDING CODE. WIND SPEED 170 MPH EXP. D.

HEADER SPAN (Feet)	JOIST SPAN (Feet)	HEADER SIZE (Nominal Inches)	JOIST SIZE (Nominal Inches)	BOLT SIZE (Qty, Inches)
<6	10	2X8	2x8	1-5/8
8	10	2x8	2x8	2-5/8
10	10	2x10	2x8	2-5/8
12	10	2x12	2x10	2-5/8
<6	12	2X8	2x8	1-5/8
7	12	2x8	2x8	2-5/8
9	12	2x10	2x8	2-5/8
11	12	2x12	2x10	2-3/4



TRANSVERSE DOCK CROSS SECTION



**John Henry
Kampmann
Jr.**
 2025.03.13
 00:02:
 17-04'00'

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JOHN HENRY KAMPMANN JR. ON THE DATE ADJACENT TO THE SEAL.
 PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

 2352 Appaloosa Circle Sarasota, Florida 34240 (941) 922-3854	John Kampmann, PE FL Reg. No. 47516 CA: 6752	TYPICAL CROSS SECTIONS FOR RESIDENTIAL DOCKS		PROJECT # ---	BY: JK
		DUNCAN SEAWALL 1714 INDEPENDENCE BLVD, SRQ 34234		DATE: 12/20/24	SHEET # 1 OF 1

GOLDEN ENGINEERED 4 POST, 2 MOTOR SEA DRIVE BOAT LIFTS

STRUCTURAL ENGINEERING REVIEW

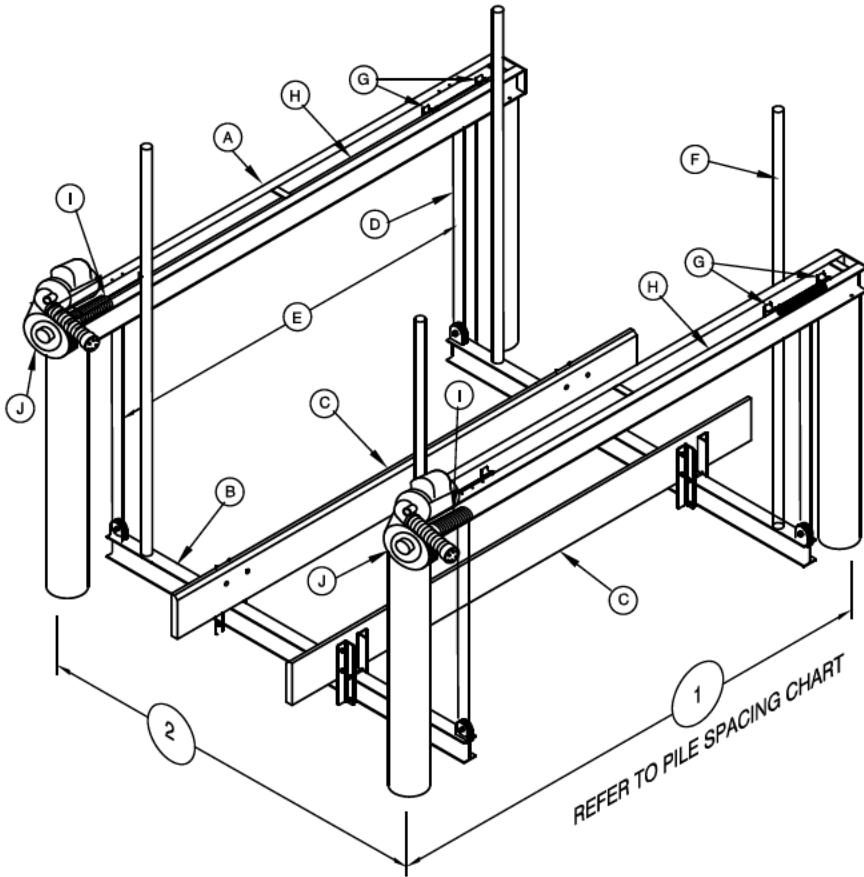
THIS CONSTRUCTION HAS BEEN DESIGNED AS A MAIN WIND FORCE RESISTING SYSTEM, WITH CALCULATED GRAVITY AND WIND LOADS IN COMPLIANCE WITH THE FLORIDA BUILDING CODE, 8th EDITION, 2023, ADM 2020, AND ASCE/SEI 7-22 MINIMUM DESIGN LOADS AND ASSOCIATED CRITERIA FOR BUILDINGS AND OTHER STRUCTURES TO WITHSTAND THE WIND LOADS ASSOCIATED WITH AN ULTIMATE WIND SPEED OF 180 MPH, EXPOSURE "D", RISK CATEGORY I. J.L. SANDERS, P.E. HAS NO CONTROL OF THE MANUFACTURING, PERFORMANCE, OR INSTALLATION OF THIS PRODUCT, THESE GENERIC SPECIFICATIONS WERE ENGINEERED IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICES BASED ON DATA PROVIDED BY THE MANUFACTURER. THIS STRUCTURAL REVIEW IS LIMITED TO THE PRIMARY FRAMING AND CONNECTIONS AND IS NOT INTENDED TO COVER MECHANICAL AND ELECTRICAL COMPONENTS, THESE SPECIFICATIONS ARE BASED ON STRUCTURAL CALCULATIONS TITLED "4 POST SEA DRIVE LIFT", WHICH CONTAIN ADDITIONAL DESIGN REQUIREMENTS AND CRITERIA AND ARE AVAILABLE UPON REQUEST. THE BOAT LIFTS DEPICTED IN THESE SPECIFICATIONS AND RELATED CALCULATIONS WERE ENGINEERED AS MANUFACTURED PRODUCT FOR NON-SITE SPECIFIC USE AND NOT INTENDED TO COVER SITE SPECIFIC CONDITIONS.

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY J.L. SANDERS, PE ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

J.L. Sanders, P.E.
2515 Grants Road NW
Monroe, GA 30656
Phone: 239-671-1578

J.L. SANDERS, P.E.
Reg. Florida No. 66361

Date:



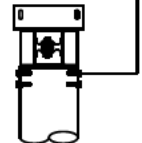
PILE SPACING CHART
The boat center of gravity needs to be set in the center of the top beam

Lift Capacity	1 st Dimension	2 nd Dimension	Recommended Pile Diameters
Lb.	Fl.	Fl.	In.
5,000	11	10	8
7,500		12	
10,000			
12,000	12	12.5	10
14,000			
16,000		14	
20,000	14	16	12
24,000			
28,000	16		

STAINLESS STEEL PILING MOUNT BRACKET- RECOMMENDED ATTACHMENT BASED ON BRACKET CONFIGURATION. VERIFY ADEQUACY BASED ON ACTUAL SITE CONDITIONS:
4-3/8" STAINLESS STEEL LAG SCREWS USED TO CONNECT THE BRACKETS TO THE PILING AND 2-3/8" STAINLESS STEEL CARRIAGE BOLTS USED TO CONNECT THE BRACKETS TO THE LIFT CHANNELS

NOTE: THIS STRUCTURE HAS BEEN DESIGNED FOR LOADS ASSOCIATED WITH AN ULTIMATE WIND SPEED OF 180 MPH, EXPOSURE "D", RISK CATEGORY I, CALCULATED PER FLORIDA BUILDING CODE 8th EDITION, 2023, ASCE/SEI 7-22 AND ADM-2020. BOATS SHALL NOT BE STORED ON LIFTS DURING HIGH WIND EVENTS.

IN GENERAL, PILING PENETRATION TO BE A MINIMUM OF 10' INTO THE SAND BOTTOM OR 5' INTO THE ROCK STRATA. SUB-SURFACE CONDITIONS CAN VARY GREATLY, THE CONTRACTOR SHALL VERIFY ALL PILE CAPACITIES. ALL PILINGS TO BE 2.5 C.C.A. PRESSURE TREATED WOOD. ALL STRUCTURAL MEMBERS TO BE 6061-T6 ALUMINUM.



SUMMARY OF DESIGN FEATURES

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)		
LIFT CAPACITY	TOP BEAM CHANNEL	CRADLE I-BEAM	BUNK	CABLE SIZE	CABLE	GUIDE	BRGS	DRIVE	WINDER	MOTOR	INCHES	RECOM
Lbs	2 EACH	2 EACH	BOARDS	INCHES	SPREAD	POST		SHAFT	DIA	HP	OF LIFT	PILING
	INCHES	INCHES	(PT)		IN	HGTH				VOLTAGE	PER MIN	SIZES
5,000#	4 H x .15 2 W x .23 141" OAL	6 H x .19 4 W x .29 120" LGTH	2x8x144 ROUGH SAWN CARPETED	4 - 5/16" x15' ST ST 1 PART	107.75	80"	10 - 2" H.D. EXTRUDED 6061-T6 ALUM.	1-15/16" DIA. SCH 40 GALV PIPE	SCH 80 ALUM PIPE W/ CABLE GROOVES	2 - 3/4 HP 120V/20A 240V/10A	39.70"	8" DIA
7,500#	5 H x .15 2.25 W x .26 x 153" OAL	6 H x .19 4 W x .29 144" LGTH		4 - 5/16" x30' ST ST 2 PART	120.75					2 - 1 HP 120V/28A 240V/14A		
10,000#	6 H x .17 2.5 W x .29 x 153" OAL	8 H x .23 5 W x .35 150" LGTH								2 - 3/4 HP 120V/20A 240V/10A		
12,000#	7 H x .17 2.75 W x .29 x 153" OAL	8 H x .25 5 W x .41 150" LGTH									19.85"	
14,000#	7 H x .17 2.75 W x .29 x 153" OAL	10 H x .25 6 W x .41 168" LGTH										
16,000#	8 H x .19 3 W x .35 x 153" OAL	10 H x .25 6 W x .41 192" LGTH	3x10x192 ROUGH SAWN CARPETED	4 - 5/16" x45' ST ST 3 PART	127.75	120"	1-15/16" DIA. SCH 80 GALV PIPE	SCH 80 ALUM PIPE W/ CABLE GROOVES	2 - 1 HP 120V/28A 240V/14A	13.20"	10" DIA	
20,000#	8 H x .25 3.75 W x .41 x 177" OAL	10 H x .29 6 W x .50 192" LGTH										
24,000#	8 H x .25 3.75 W x .41 x 201" OAL	12 H x .29 7 W x .47 192" LGTH										
28,000#	10 H x .526 2.88 W x .437 x 206" OAL				4 - 5/16" x60' ST ST 4 PART				150.3125			

EASEMENT ENCROACHMENT AGREEMENT

This EASEMENT ENCROACHMENT AGREEMENT (the "Agreement") is made as of the date set forth below by and between the City of Bradenton (the "City"), a municipal corporation of the State of Florida, and Don Barry Jackson Jr. and Catherine Freeley, and their successors and assigns in title (collectively, the "Owner").

RECITALS

WHEREAS, the Owner is the owner of certain real property which is located in Manatee County, Florida, and more particularly described in Exhibit "A" (the "Property"), attached hereto and incorporated herein by reference; and

WHEREAS, the City is the owner and holder of a drainage and maintenance easement as described and depicted on the plat of Braden River Lakes Phase IV, recorded in Plat Book 27, Pages 65 through 68, of the Official Records of Manatee County, Florida (the "Easement"); and

WHEREAS, Owner intends to construct, install, or place certain improvements and structures within the Easement, specifically, a dock, as depicted in Exhibit "B" attached hereto and incorporated herein by reference (the "Encroachment"); and

WHEREAS, the City has agreed to allow the Encroachment to be constructed within the Easement in accordance with the terms and conditions set forth in this Agreement.

NOW, THEREFORE, in consideration of the aforesaid premises, the mutual covenants and promises, terms, and conditions set forth in this Agreement and other good and valuable consideration, the adequacy, sufficiency, and receipt of which are hereby acknowledged; the parties agree as follows:

1. **Recitals**. The foregoing recitals are true and correct and are incorporated herein by reference.
2. **Easement**. The Encroachment is the only improvement and/or structure which is permitted to be constructed, installed, or placed by Owner within the Easement. The Encroachment within the Easement shall not be modified or expanded beyond the scope described herein and depicted on Exhibit "B". City shall not be responsible for any damage, demolition, or destruction of the Encroachment within the Easement arising out of or in connection with the City's exercise of its rights pursuant to the Easement. If the Encroachment within the Easement is damaged, demolished, or destroyed during the term of this Agreement, Owner may rebuild or reconstruct the Encroachment, at Owner's sole expense, in the same location and of the same size as existed before the Encroachment was demolished or destroyed.

3. **Term.** This Agreement shall be for a term of twenty (20) years unless otherwise terminated by the City or modified by the parties in accordance with the terms and conditions set forth herein.
4. **Indemnification.** Owner shall indemnify, defend, and hold harmless the City (including its employees, agents, officers, and directors) from and against any and all claims, causes of action, demands, charges, judgments, losses, damages, or costs (including reasonable attorneys' fees) and other obligations and liabilities whatsoever which may arise, directly or indirectly, as a result of, or in connection with the construction, installation, placement, and/or use of the Encroachment.
5. **City's Use of Easement/Removal of Encroachment.** Owner shall remove, relocate, or replace the Encroachment within the Easement at Owner's sole expense in the event that the City, or any other entity with rights in the Easement, deems its removal, relocation, or replacement necessary to utilize the Easement for its intended purposes, or if the City or any other entity with rights in the Easement determines that any portion of the Encroachment is improperly installed or encroaching onto adjacent land.
6. **Default and Remedies.** If Owner fails to remove, replace, or relocate the Encroachment, or any portion thereof, within thirty (30) days of Owner's receipt of written notice from the City, the City shall have the right (but shall not be required) to remove the Encroachment and invoice Owner for the full cost of such removal. Owner shall reimburse the City for any such removal within thirty (30) days from Owner's receipt of the City's invoice.
7. **Termination.** The City shall have the right, in its sole discretion, to terminate this Agreement at any time and for any reason upon thirty (30) days' written notice to the Owner of such termination.
8. **Emergencies.** In the event of an emergency, the City shall have the right to remove the Encroachment or any non-permitted improvements or structures within the Easement at Owner's sole expense without notice to Owner and without any obligation or liability to Owner for damage to the Encroachment or non-permitted improvements or structures. Owner shall reimburse City its full cost and expense for any such emergency removal within thirty (30) days of receipt of an invoice from the City.
9. **Governing Law and Venue.** This Agreement shall be governed by the laws of the State of Florida and venue for any disputes arising from or in connection with this Agreement shall be in Manatee County, Florida.
10. **Severability.** Should any provision of this Agreement be found invalid, void, unenforceable, or illegal for whatever reason by a court of competent jurisdiction, such

provision(s) shall be null and void; provided, however, that the remaining provisions of this Agreement shall be unaffected thereby and shall continue to be valid and enforceable.

11. **Amendments**. The provisions of this Agreement may be modified only by written agreement of the parties.
12. **Counterparts**. This Agreement may be executed in any number of counterparts, each of which will be deemed to be an original, but all of which together will constitute one instrument.
13. **Assignment**. This Agreement, and the rights and obligations of the parties hereunder, shall not be assigned without the prior written approval of the other party.
14. **Binding Effect and Recording**. This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective heirs, successors, and permitted assigns, and shall run with the land and bind Owner, its agents, heirs, successors, and permitted assigns, and any subsequent owners of the Property. All subsequent owners of the Property are fully responsible for the obligations of Owner as set forth in this Agreement which shall be recorded at Owner's sole cost and expense.

SIGNATURES AND ACKNOWLEDGEMENTS APPEAR ON THE FOLLOWING PAGES

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day, month, and year last written below.

WITNESSES:

R.P. Burback

Print Name: R.P. Burback

Y. Shinkovich

Print Name: Yuliya Shinkovich

CATHERINE FREELEY

Catherine Freeley
aka Catherine Jackson

By: _____

Print Name: Catherine Freeley
aka Catherine Jackson

STATE OF Florida
COUNTY OF Manatee

The foregoing instrument was acknowledged before me, by means of physical presence or online notarization, this 12 day of March, 2026, by Catherine Freeley,

who is personally known to me,

who has produced _____ as identification, and who has acknowledged before me that she executed the same freely and voluntarily for the purposes therein expressed.

Yuliya Shinkovich
Notary Public
State of Florida
My Commission Expires 10/29/2029
Commission No: HH725912

Y. Shinkovich

NOTARY PUBLIC

Printed Name: Yuliya Shinkovich

My Commission Expires: 10/29/29

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day, month, and year last written below.

WITNESSES:

R.P. Burback
Print Name: R.P. Burback

Y. Shinkevich
Print Name: Yuliya Shinkevich

DON BARRY JACKSON JR.

By: [Signature]
Print Name: Don Barry Jackson Jr

STATE OF Florida
COUNTY OF Manatee

The foregoing instrument was acknowledged before me, by means of physical presence or online notarization, this 12 day of March, 2026, by Don Barry Jackson Jr.,
 who is personally known to me,
 who has produced Ed Dt as identification, and who has acknowledged before me that he executed the same freely and voluntarily for the purposes therein expressed.

Yuliya Shinkevich
Notary Public
State of Florida
My Commission Expires 10/29/2029
Commission No: HH725912

[Signature]
NOTARY PUBLIC
Printed Name: Yuliya Shinkevich
My Commission Expires: 10/29/29

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day, month, and year last written below.

WITNESSES:

CITY OF BRADENTON, FLORIDA

Print Name: _____

By: _____
Gene Brown, Mayor

Print Name: _____

ATTEST:

Tamara Melton, City Clerk

STATE OF _____
COUNTY OF _____

The foregoing instrument was acknowledged before me, by means of physical presence or online notarization, this ____ day of _____, 2026, by Gene Brown, the Mayor of the City of Bradenton, a Florida municipal corporation, on behalf of the City,
 who is personally known to me,
 who has produced _____ as identification, and who has acknowledged before me that they executed the same freely and voluntarily for the purposes therein expressed.

NOTARY PUBLIC
Printed Name: _____
My Commission Expires: _____



FLORIDA DEPARTMENT OF Environmental Protection

Southwest District
13051 North Telecom Parkway #101
Temple Terrace, Florida 33637-0926

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Alexis A. Lambert
Secretary

December 31, 2025

Don Jackson
1215 50th Street Court East
Bradenton, FL, 34208
[REDACTED]

00005

Dear Don Jackson:

Enclosed is the Environmental Resource Permit, DEP Project No. 41-0453264-001-EI, issued pursuant to Part IV of Chapter 373, Florida Statutes, and Title 62, Florida Administrative Code.

Appeal rights for you and for any affected third party are described in the text of the permit along with conditions that must be met when authorized activities are undertaken.

You, as the applicant, are responsible for all aspects of permit compliance. You should therefore review this permit document carefully to ensure compliance with the general conditions and specific conditions contained herein.

Please be aware of permit General Condition number 4, which states, "At least 48 hours prior to beginning the authorized activities, the permittee shall submit to the Agency a fully executed Form 62-330.350(1), "Construction Commencement Notice"."

If you have any questions about this document, please contact me at [REDACTED] or 813-470-5956. Thank you for your participation in the permit process and in managing the natural resources of the State of Florida.

Sincerely,

A handwritten signature in cursive script that reads "Jessica Hamilton".

Jessica Hamilton
Environmental Specialist III
Permitting and Waste Cleanup Program

Enclosure: Environmental Resource Permit with Attachments (66 pages)



FLORIDA DEPARTMENT OF Environmental Protection

Southwest District
13051 North Telecom Parkway #101
Temple Terrace, Florida 33637-0926

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Alexis A. Lambert
Secretary

Permittee/Authorized Entity:

Don Jackson
1215 50th Street Court East
Bradenton, FL, 34208

Jackson Dock

Authorized Agent:
Florida Permitting, Inc.
c/o John McKenna
5318 Bayshore Road
Palmetto, FL, 34221

Individual Environmental Resource Permit

State-owned Submerged Lands Authorization – Granted

**U.S. Army Corps of Engineers Authorization – Separate Corps Authorization
Required**

Manatee County
Permit No.: 41-0453264-001-EI

Permit Issuance Date: 12/31/2025
Permit Construction Phase Expiration Date: 12/30/2030



FLORIDA DEPARTMENT OF Environmental Protection

Southwest District
13051 North Telecom Parkway #101
Temple Terrace, Florida 33637-0926

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Alexis A. Lambert
Secretary

Consolidated Environmental Resource Permit and Sovereignty Submerged Lands Authorization

Permittee: Don Jackson
Permit No: 41-0453264-001-EI

PROJECT LOCATION

The activities authorized by this permit and sovereignty submerged lands authorization are located at 1215 50th Street Court East, Bradenton, Florida 34208, in Section 33, Township 34 South, Range 18 East in Manatee County, at latitude 27°29'12.2953" and longitude -82°29'54.1186."

PROJECT DESCRIPTION

The permittee is authorized to install approximately 1,640 square feet of walkway, with a 160-square-foot terminal platform, and an associated boatlift, resulting in a total of 1,800 square feet of overwater structures, within Braden River, a Class III, Florida Waterbody. Construction of the dock will result in shading and piling-related fill impacts to approximately 0.009 acres of salt marsh, as well as clearing and piling fill-related impacts to approximately 0.015 acres of mangrove swamp. The terminal platform will begin on the waterward side of the mangroves, run north to south, include a 30-square-foot step-down at the southern end, and be designed to accommodate one vessel. Authorized activities are depicted on the attached exhibits. The proposed docking structure is the smallest size necessary to provide reasonable access to the water based on the immediate resources; therefore, the activity qualifies for a Letter of Consent.

To offset unavoidable impacts to 0.009 acres of salt marsh and 0.015 acres of mangrove swamp, the permittee shall remove nuisance and exotic species within 0.31 acres of tidal marsh and mangrove swamp. The removal of Brazilian pepper (*Schinus terebinthofolius*) and carrotwood trees (*Cupaniopsis anacardiodes*), along with vine species which encroach into the area from the adjacent upland island this provides a Functional Gain of 0.02.

AUTHORIZATIONS

Jackson Dock

Environmental Resource Permit

The Department has determined that the activity qualifies for an Environmental Resource Permit. Therefore, the Environmental Resource Permit is hereby granted, pursuant to Part IV of Chapter 373, Florida Statutes (F.S.), and Chapter 62-330, Florida Administrative Code (F.A.C.).

Sovereignty Submerged Lands Authorization

The activity is located on sovereignty submerged lands owned by the State of Florida. It therefore also requires authorization from the Board of Trustees of the Internal Improvement Trust Fund (Board of Trustees), pursuant to Article X, Section 11 of the Florida Constitution, and Section 253.77, F.S., and Chapter 258, F.S. As staff to the Board of Trustees of the Internal Improvement Trust Fund (Board of Trustees) under Sections 253.002, F.S., the Department has determined that the activity qualifies for and requires a Letter of Consent, as long as the work performed is located within the boundaries as described and is consistent with the terms and conditions herein.

During the term of this Letter of Consent you shall maintain satisfactory evidence of sufficient upland interest as required by paragraph 18-21.004(3)(b), Florida Administrative Code. If such interest is terminated or the Board of Trustees determines that such interest did not exist on the date of issuance of this Letter of Consent, this Letter of Consent may be terminated by the Board of Trustees at its sole option. If the Board of Trustees terminates this Letter of Consent, you agree not to assert a claim or defense against the Board of Trustees arising out of this Letter of Consent.

Federal Authorization

Your proposed activity as outlined on your application and attached drawings **does not qualify** for Federal authorization pursuant to the State Programmatic General Permit and a **SEPARATE permit** or authorization **shall be required** from the Corps. You must apply separately to the Corps using the Application for Department of the Army Permit (ENG 4345) or alternative as allowed by Corps regulations. More information on Corps permitting may be found online in the Jacksonville District Regulatory Division Sourcebook:

(<https://www.saj.usace.army.mil/Missions/Regulatory/Source-Book/>).

Authority for review - an agreement with the USACOE entitled "Coordination Agreement Between the U. S. Army Corps of Engineers (Jacksonville District) and the Florida Department of Environmental Protection (or Duly Authorized Designee), State Programmatic General Permit", Section 10 of the Rivers and Harbor Act of 1899, and Section 404 of the Clean Water Act.

Coastal Zone Management Consistent

Issuance of this authorization also constitutes a finding of consistency with Florida's Coastal Zone Management Program, as required by Section 307 of the Coastal Zone Management Act.

Water Quality Certification Granted

This permit also constitutes a *grant* of water quality certification under Section 401 of the Clean Water Act, 33 U.S.C. Section 1341. Pursuant to Rule 62-330.062, F.A.C. issuance of the individual or conceptual approval permit under this chapter shall constitute certification of compliance with water quality standards.

Other Authorizations

You are advised that authorizations or permits for this activity may be required by other federal, state, regional, or local entities including but not limited to local governments or municipalities. This permit does not relieve you from the requirements to obtain all other required permits or authorizations.

The activity described may be conducted only in accordance with the terms, conditions and attachments contained in this document. Issuance and granting of the permit and authorizations herein do not infer, nor guarantee, nor imply that future permits, authorizations, or modifications will be granted by the Department.

PERMIT/SOVEREIGNTY SUBMERGED LANDS CONDITIONS

The activities described must be conducted in accordance with:

- **The Specific Conditions**
- **The General Conditions**
- **The Special Consent Conditions**
- **The General Conditions for Sovereignty Submerged Lands Authorization**
- **The limits, conditions and locations of work shown in the attached drawings**
- **The term limits of this authorization**

You are advised to read and understand these conditions and drawings prior to beginning the authorized activities, and to ensure the work is conducted in conformance with all the terms, conditions, and drawings herein. If you are using a contractor, the contractor also should read and understand these conditions and drawings prior to beginning any activity. Failure to comply with these conditions, including any mitigation requirements, shall be grounds for the Department to revoke the permit and authorization and to take appropriate enforcement action. Operation of the facility is not authorized except when determined to be in conformance with all applicable rules and this permit and sovereignty submerged lands authorization, as described.

SPECIFIC CONDITIONS

1. Submittals required herein (e.g., progress reports, as-built drawings, etc.) shall include the permittee's name and permit number 41-0453264-001-EI and shall be directed by e-mail to [REDACTED] with a subject line of "Compliance: permit number 41-0453264-001-EI", or by mail to:

Department of Environmental Protection
Southwest District
ATTN: ERP Compliance Assurance
13051 North Telecom Parkway, Suite 101
Temple Terrace, FL 33637-0926

2. The structure/work authorized by this permit shall not be placed/conducted on any property, other than that owned by the permittee, without the prior written approval of that property owner.
3. In the event the permittee files for bankruptcy prior to completion of work permitted and required by this permit, the permittee must notify the Department within 30 days of filing. The notification shall identify the bankruptcy court and case number and shall include a copy of the bankruptcy petition.

SPECIFIC CONDITIONS – PRIOR TO ANY CONSTRUCTION

4. Best management practices for erosion control shall be implemented prior to construction commencement and shall be maintained at all times during construction to prevent siltation and turbid discharges in excess of State water quality standards (>29 NTU's above background, pursuant to Rule 62-302, F.A.C. Methods may include, but are not limited to the use of staked hay bales, staked filter cloth, sodding, seeding, staged construction and the installation of turbidity screens around the immediate project site.

SPECIFIC CONDITIONS – CONSTRUCTION ACTIVITIES

5. Wetland areas or waterbodies that are outside the specific limits of construction authorized by this permit, must be protected from erosion, sedimentation, siltation, scouring, excess turbidity, and/or dewatering. There shall be no discharge in violation of the water quality standards in Chapter 62-302, F.A.C. Turbidity/erosion controls shall be installed prior to clearing, excavation or placement of fill material, shall be maintained until construction is completed, disturbed areas are stabilized, and turbidity levels have fallen to less than 29 NTU's above background. The turbidity and erosion control devices shall be removed within 14 days once these conditions are met.
6. Areas of exposed soils shall be isolated from wetlands or other surface waters to prevent erosion and deposition of these soils into wetlands or other surface waters during construction and operation of permitted activities.
7. Side slopes, exposed and/or disturbed land surfaces shall be stabilized with sod, seed or mulch within 48 hours following completion of final grades at the project site to prevent erosion, sedimentation, siltation or scouring.
8. The permittee shall be responsible for ensuring erosion control devices/procedures are inspected and maintained daily during all phases of construction authorized by this permit until areas disturbed during construction are sufficiently stabilized to prevent erosion, siltation, and turbid discharges.
9. The elevation of the decking shall be a minimum of 5 feet above mean high water. There shall be a minimum of 1/2-inch spacing between deck planks.
10. Wood pilings shall be entirely wrapped with High Density Polyethylene or vinyl sheeting with a minimum of 30-mil thickness from below the mud line to two feet above the mean high water line. Pilings that have to be replaced during the life of the facility shall meet the requirements of this condition.
11. Watercraft associated with the construction of the permitted structure shall operate within waters of sufficient depth to preclude bottom scouring/prop dredging. There shall be a minimum 12-inch clearance between the deepest draft of the vessel (with the motor in the down position) and the top of submerged resources or submerged bottom if resources are not present as measured at mean low water.

12. Handrails shall be installed along both sides of the access walkway concurrently with dock construction. Handrails shall be constructed as shown on the attached permit drawings to eliminate access by boaters and shall be maintained for the life of the facility.
13. Mooring is not authorized along the western side of the terminal platform. In order to ensure compliance with this condition, "No Mooring" signs shall be posted on the west side of the dock in such a manner as to be clearly visible by boaters using the facility.
14. Manatee signs shall be posted along the western side of the terminal platform.
15. This permit does not authorize the installation of water, sewer, cable or utility lines within wetlands or waterbodies.
16. Unauthorized impacts to wetlands as a result of the authorized construction shall be reported to the Department within 24 hours.
17. Storage or stockpiling of tools and materials (i.e., lumber, pilings, debris) within wetlands or other surface waters is prohibited.

SPECIFIC CONDITIONS – MITIGATION

18. To mitigate for 0.009 acres of impact to salt marsh and 0.015 acres of mangrove swamp, the permittee shall implement the on-site mitigation plan as described in Attachment 2 – "Mitigation Plan," and shown as the red and green hashed areas on page 15 of the project drawings.. The permittee shall remove nuisance and exotic species within the 0.31 acres of tidal marsh and mangrove swamp. This includes the removal of Brazilian pepper (*Schinus terebinthofolius*), carrotwood trees (*Cupaniopsis anacardiodes*), and vine species.
19. The Department's approval of the mitigation plan pursuant to this permit does not constitute a finding by the Department the mitigation will meet the required success criteria. The permittee acknowledges its obligation to meet the intent of the permit regarding the mitigation objective until the mitigation is determined by the Department to be successful.
20. Nuisance/Exotic species in the enhancement area will be removed by hand or small saw due to the delicate surrounding habitats and difficulties associated with bringing any equipment to the site. Small saplings may be sprayed with a herbicide approved for use in wetlands, while larger shrubs and trees will be cut and the stumps painted with approved herbicide such as Aquastar. Removal of Brazilian pepper trees (*Schinus terebinthofolius*) will be concentrated during the growing season before the shrub produces berries in the fall. This will help to minimize additional spread of the species. Any herbicide applications will be performed by a licensed applicator using herbicides approved for use in wetlands and estuaries.
21. Any modification of herbicides used will require Department review and approval.

22. An initial maintenance event will occur prior to the construction of the dock. A report shall be submitted at the three-month mark after the construction is completed. Follow up maintenance events will then be performed bimonthly for the first year, followed by quarterly each year for a total of three years minimum until the success criteria are met. Each maintenance event will be documented and discussed in the next monitoring report to be submitted to the Department. Photographs of the area will also be included in each report. Once success criteria are met and the area is released from monitoring, maintenance events will be performed on an "as-needed" basis in perpetuity.
23. A "Time Zero" Monitoring Report shall be submitted upon completion of the nuisance/exotic species removal of the mitigation area(s) and shall include the following:
 - a. Dates of nuisance/exotic species removal;
 - b. Methods of removal.
 - c. Plant species composition in area along with % cover of each.
 - d. Color photographs to provide an accurate representation of each mitigation area. The photographs shall be taken from fixed reference points and directions which are shown on a scaled plan view drawing, and

SPECIFIC MANATEE CONDITIONS

24. All personnel associated with the project shall be instructed about the presence of manatees and manatee speed zones, and the need to avoid collisions with, and injury to manatees. The permittee shall advise all construction personnel that there are civil and criminal penalties for harming, harassing, or killing manatees which are protected under the Marine Mammal Protection Act, the Endangered Species Act, and the Florida Manatee Sanctuary Act.
25. All vessels associated with the construction project shall operate at "Idle Speed/No Wake" at all times while in the immediate area and while in water where the draft of the vessel provides less than a four-foot clearance from the bottom. All vessels shall follow routes of deep water whenever possible.
26. Siltation or turbidity barriers shall be made of material in which manatees cannot become entangled, shall be properly secured, and shall be regularly monitored to avoid manatee entanglement or entrapment. Barriers shall not impede manatee movement.
27. All on-site project personnel are responsible for observing water-related activities for the presence of manatees. All in-water operations, including vessels, shall be shutdown if a manatee comes within 50 feet of the operation. Activities shall not resume until every manatee has moved beyond the 50-foot radius of the project operation, or until 30 minutes has elapsed wherein a manatee has not reappeared within 50 feet of the operation. Animals shall not be herded away or harassed into leaving.
28. Any collision with or injury to a manatee shall be reported immediately to the FWC Hotline at 1-888-404-FWCC. Collision and/or injury should also be reported to the U.S. Fish and

Wildlife Service in Jacksonville (1-904-731-3336) for north Florida or Vero Beach (1-772-562-3909) for south Florida..

SPECIFIC CONDITIONS FOR LISTED SPECIES

29. This permit does not authorize the permittee to cause any adverse impact to or “take” of state listed species and other regulated species of fish and wildlife. Compliance with state laws regulating the take of fish and wildlife is the responsibility of the owner or permittee associated with this project. Please refer to Chapter 68A-27 of the Florida Administrative Code for definitions of “take” and a list of fish and wildlife species. If listed species are observed onsite, Florida Fish and Wildlife Conservation Commission (FWC) staff are available to provide decision support information or assist in obtaining the appropriate FWC permits. Most marine endangered and threatened species are statutorily protected and a “take” permit cannot be issued. Requests for further information or review can be sent to ConservationPlanningServices@MyFWC.com.
30. If new information (e.g. listing of new species, new critical habitat, etc.) shows that the magnitude of impacts to federally listed species has the potential for adverse effects, the U.S. Fish and Wildlife Service (USFWS) will notify the Department. The Department will initiate coordination with the permittee and with the USFWS to determine what adverse impacts are likely and if additional minimization measures, reporting, or monitoring are required in order to be consistent with the Endangered Species Act, as deemed necessary by USFWS.
31. The Permittee shall report any injured, sick, or dead federally or state listed animal(s) discovered onsite to the Florida Fish and Wildlife Conservation Commission Wildlife Alert number at 888-404-FWCC (3922).

SPECIFIC CONDITIONS – CONSTRUCTION COMPLETION

The permittee shall comply with the following conditions prior to the transfer to operation phase of the facility. All documentation required below shall be included with the permittee’s request to transfer the project to the operation phase [Form No. 62-330.310(3), F.A.C.].

32. Within 30 days after completion of construction of the permitted or authorized activity, and prior to transfer to operation, the permittee shall submit as-builts of the completed structure. The as-builts shall show the size and dimensions of all existing structures and activities within the permitted project area. Constructed deviations may require a permit modification and/or lease.

SPECIFIC CONDITIONS – OPERATION AND MAINTENANCE ACTIVITIES

33. The waterward end of the dock shall be marked with a sufficient number of reflectors (not red or green) so as to be visible from the water at night by reflected light. The reflective markers shall be maintained for the life of the facility.

34. The docking facility is limited to the mooring of one vessel with the slip depicted in the attached project drawing labelled "Platform Detail".
35. There shall be a minimum 12-inch clearance between the deepest draft of the vessel (with the motor in the down position) and the top of submerged resources or submerged bottom if no resources are present for all vessels associated with the use of the docking facility as measured at mean low water.
36. Fish cleaning stations shall not be allowed on structures over the water unless sufficient measures are in place (i.e., signage, sink screens, waste receptacles, etc.) to ensure that overboard discharges of trash and/or animal waste do not occur at the dock. The permittee shall submit a plan for Department review and approval prior to installation of any fish cleaning stations.
37. The handrails and no mooring signs required in Special Conditions No. 12 & 13 shall be maintained for the life of the facility.
38. Boat maintenance or repair activities that require the removal of a vessel from the water, or removal of major portions of the vessel, including the engine, for purposes of routine repair or maintenance on site are prohibited over water at the facility, except where such activities are necessitated by emergency conditions which have resulted in or can result in the sinking of a vessel. Specifically prohibited shall be hull scraping, stripping, sanding, painting, recoating, and other maintenance or repair activities that may result in degradation of water quality from discharges or release of potential contaminants into waters of the state.
39. The elevation of the decking shall be a minimum of 5 feet above mean high water. There shall be a minimum of 1/2-inch spacing between deck planks.
40. Pilings that have to be replaced during the life of the facility shall meet the requirements of Specific Condition No. 10.
41. Manatee signs shall be maintained for the life of the docking structure and meet the requirements in Specific Condition No. 14.

SPECIFIC CONDITIONS – MONITORING/REPORTING REQUIREMENTS

42. The responsibility to assess if the mitigation is meeting the permit-specified success criteria shall not fall solely on the Department. In the event the permittee becomes aware mitigation is not meeting the success criteria (based on either site observations or review of monitoring reports), the permittee, no later than six months before the permit construction phase expiration date, shall submit an alternative mitigation plan to the Department for review and approval.
43. Monitoring of the area will continue for 3 years on an annual basis with the exception of the first year. During the first year approximately 3 months after the initial nuisance/exotic species removal a monitoring report is to be submitted to the department. Each annual monitoring report will contain:

- Color photographic prints taken from the reference points established in the Time Zero Monitoring Report.
 - Plant species composition with estimates of the contribution of each species to percent cover.
 - Dates of each maintenance event occurring at the site during the past year.
44. The mitigation area will be considered successful when the site meets the following criteria:
- Naturally recruited wetland species have achieved a minimum 80 % cover;
 - Total contribution to percent cover by non-native wetland species and species not listed in 62-340.450, F.A.C. shall be maintained below 5 %;
 - The Department's State Lands and Environmental Resource Program staff has inspected the mitigation area and determined that the mitigation area(s) meets the above success criteria.
45. Failure of the Department to notify the permittee of mitigation failure does not prevent the Department from requiring the permittee to meet mitigation success criteria as defined in specific condition No. 44.

GENERAL CONDITIONS FOR INDIVIDUAL PERMITS

The following general conditions are binding on all individual permits issued under this chapter, except where the conditions are not applicable to the authorized activity, or where the conditions must be modified to accommodate project-specific conditions.

1. All activities shall be implemented following the plans, specifications and performance criteria approved by this permit. Any deviations must be authorized in a permit modification in accordance with Rule 62-330.315, F.A.C. Any deviations that are not so authorized may subject the permittee to enforcement action and revocation of the permit under Chapter 373, F.S.
2. A complete copy of this permit shall be kept at the work site of the permitted activity during the construction phase, and shall be available for review at the work site upon request by the Agency staff. The permittee shall require the contractor to review the complete permit prior to beginning construction.
3. Activities shall be conducted in a manner that does not cause or contribute to violations of state water quality standards. Performance-based erosion and sediment control best management practices shall be installed immediately prior to, and be maintained during and after construction as needed, to prevent adverse impacts to the water resources and adjacent lands. Such practices shall be in accordance with the *State of Florida Erosion and Sediment Control Designer and Reviewer Manual (Florida Department of Environmental Protection and Florida Department of Transportation June 2007)*, and the *Florida Stormwater Erosion and Sedimentation Control Inspector's Manual (Florida Department of Environmental Protection, Nonpoint Source Management Section, Tallahassee, Florida, July 2008)*, which are both incorporated by reference in subparagraph 62-330.050(9)(b)5., F.A.C., unless a

project-specific erosion and sediment control plan is approved or other water quality control measures are required as part of the permit.

4. At least 48 hours prior to beginning the authorized activities, the permittee shall submit to the Agency a fully executed Form 62-330.350(1), "Construction Commencement Notice," (October 1, 2013), (<http://www.flrules.org/Gateway/reference.asp?No=Ref-02505>), incorporated by reference herein, indicating the expected start and completion dates. A copy of this form may be obtained from the Agency, as described in subsection 62-330.010(5), F.A.C., and shall be submitted electronically or by mail to the Agency. However, for activities involving more than one acre of construction that also require a NPDES stormwater construction general permit, submittal of the Notice of Intent to Use Generic Permit for Stormwater Discharge from Large and Small Construction Activities, DEP Form 62-621.300(4)(b), shall also serve as notice of commencement of construction under this chapter and, in such a case, submittal of Form 62-330.350(1) is not required.
5. Unless the permit is transferred under Rule 62-330.340, F.A.C., or transferred to an operating entity under Rule 62-330.310, F.A.C., the permittee is liable to comply with the plans, terms and conditions of the permit for the life of the project or activity.
6. Within 30 days after completing construction of the entire project, or any independent portion of the project, the permittee shall provide the following to the Agency, as applicable:
 - a. For an individual, private single-family residential dwelling unit, duplex, triplex, or quadruplex – "Construction Completion and Inspection Certification for Activities Associated With a Private Single-Family Dwelling Unit" [Form 62-330.310(3)]; or
 - b. For all other activities – "As-Built Certification and Request for Conversion to Operational Phase" [Form 62-330.310(1)].
 - c. If available, an Agency website that fulfills this certification requirement may be used in lieu of the form.
7. If the final operation and maintenance entity is a third party:
 - a. Prior to sales of any lot or unit served by the activity and within one year of permit issuance, or within 30 days of as- built certification, whichever comes first, the permittee shall submit, as applicable, a copy of the operation and maintenance documents (see sections 12.3 thru 12.3.3 of Volume I) as filed with the Department of State, Division of Corporations and a copy of any easement, plat, or deed restriction needed to operate or maintain the project, as recorded with the Clerk of the Court in the County in which the activity is located.
 - b. Within 30 days of submittal of the as- built certification, the permittee shall submit "Request for Transfer of Environmental Resource Permit to the Perpetual Operation Entity" [Form 62-330.310(2)] to transfer the permit to the operation and maintenance entity, along with the documentation requested in the form. If available, an Agency website that fulfills this transfer requirement may be used in lieu of the form.

8. The permittee shall notify the Agency in writing of changes required by any other regulatory agency that require changes to the permitted activity, and any required modification of this permit must be obtained prior to implementing the changes.
9. This permit does not:
 - a. Convey to the permittee any property rights or privileges, or any other rights or privileges other than those specified herein or in Chapter 62-330, F.A.C.;
 - b. Convey to the permittee or create in the permittee any interest in real property;
 - c. Relieve the permittee from the need to obtain and comply with any other required federal, state, and local authorization, law, rule, or ordinance; or
 - d. Authorize any entrance upon or work on property that is not owned, held in easement, or controlled by the permittee.
10. Prior to conducting any activities on state-owned submerged lands or other lands of the state, title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund, the permittee must receive all necessary approvals and authorizations under Chapters 253 and 258, F.S. Written authorization that requires formal execution by the Board of Trustees of the Internal Improvement Trust Fund shall not be considered received until it has been fully executed.
11. The permittee shall hold and save the Agency harmless from any and all damages, claims, or liabilities that may arise by reason of the construction, alteration, operation, maintenance, removal, abandonment or use of any project authorized by the permit.
12. The permittee shall notify the Agency in writing:
 - a. Immediately if any previously submitted information is discovered to be inaccurate; and
 - b. Within 30 days of any conveyance or division of ownership or control of the property or the system, other than conveyance via a long-term lease, and the new owner shall request transfer of the permit in accordance with Rule 62-330.340, F.A.C. This does not apply to the sale of lots or units in residential or commercial subdivisions or condominiums where the stormwater management system has been completed and converted to the operation phase.
13. Upon reasonable notice to the permittee, Agency staff with proper identification shall have permission to enter, inspect, sample and test the project or activities to ensure conformity with the plans and specifications authorized in the permit.
14. If prehistoric or historic artifacts, such as pottery or ceramics, projectile points, stone tools, dugout canoes, metal implements, historic building materials, or any other physical remains that could be associated with Native American, early European, or American settlement are

encountered at any time within the project site area, the permitted project shall cease all activities involving subsurface disturbance in the vicinity of the discovery. The permittee or other designee shall contact the Florida Department of State, Division of Historical Resources, Compliance Review Section (DHR), at (850)245-6333, as well as the appropriate permitting agency office. Project activities shall not resume without verbal or written authorization from the Division of Historical Resources. If unmarked human remains are encountered, all work shall stop immediately and the proper authorities notified in accordance with section 872.05, F.S. For project activities subject to prior consultation with the DHR and as an alternative to the above requirements, the permittee may follow procedures for unanticipated discoveries as set forth within a cultural resources assessment survey determined complete and sufficient by DHR and included as a specific permit condition herein.

15. Any delineation of the extent of a wetland or other surface water submitted as part of the permit application, including plans or other supporting documentation, shall not be considered binding unless a specific condition of this permit or a formal determination under Rule 62-330.201, F.A.C., provides otherwise.
16. The permittee shall provide routine maintenance of all components of the stormwater management system to remove trapped sediments and debris. Removed materials shall be disposed of in a landfill or other uplands in a manner that does not require a permit under Chapter 62-330, F.A.C., or cause violations of state water quality standards.
17. This permit is issued based on the applicant's submitted information that reasonably demonstrates that adverse water resource-related impacts will not be caused by the completed permit activity. If any adverse impacts result, the Agency will require the permittee to eliminate the cause, obtain any necessary permit modification, and take any necessary corrective actions to resolve the adverse impacts.
18. A Recorded Notice of Environmental Resource Permit may be recorded in the county public records in accordance with subsection 62-330.090(7), F.A.C. Such notice is not an encumbrance upon the property.
19. In addition to those general conditions in subsection (1), above, the Agency shall impose any additional project-specific special conditions necessary to assure the permitted activities will not be harmful to the water resources, as set forth in rules 62-330.301 and 62-330.302, F.A.C., Volumes I and II, as applicable, and the rules incorporated by reference in this chapter.

SPECIAL CONSENT CONDITIONS

1. The applicant agrees to indemnify, defend and hold harmless the Board of Trustees and the State of Florida from all claims, actions, lawsuits and demands in any form arising out of the authorization to use sovereignty submerged lands or the applicant's use and construction of structures on sovereignty submerged lands. This duty to indemnify and hold harmless will include any and all liabilities that are associated with the structure or activity including

- special assessments or taxes that are now or in the future assessed against the structure or activity during the period of the authorization.
2. Failure by the Board of Trustees to enforce any violation of a provision of the authorization or waiver by the Board of Trustees of any provision of the authorization will not invalidate the provision not enforced or waived, nor will the failure to enforce or a waiver prevent the Board of Trustees from enforcing the unenforced or waived provision in the event of a violation of that provision.
 3. Applicant binds itself and its successors and assigns to abide by the provisions and conditions set forth in the authorization. If the applicant or its successors or assigns fails or refuses to comply with the provisions and conditions of the authorization, the authorization may be terminated by the Board of Trustees after written notice to the applicant or its successors or assigns. Upon receipt of such notice, the applicant or its successors or assigns will have thirty (30) days in which to correct the violations. Failure to correct the violations within this period will result in the automatic revocation of this authorization.
 4. All costs incurred by the Board of Trustees in enforcing the terms and conditions of the authorization will be paid by the applicant. Any notice required by law will be made by certified mail at the address shown on page one of the authorization. The applicant will notify the Board of Trustees in writing of any change of address at least ten days before the change becomes effective.
 5. This authorization does not allow any activity prohibited in a conservation easement or restrictive covenant that prohibits the activity.

GENERAL CONDITIONS FOR SOVEREIGNTY SUBMERGED LANDS AUTHORIZATION

Any use of sovereignty submerged lands is subject to the following general conditions are binding upon the applicant and are enforceable under Chapter 253, F.S.

1. Sovereignty submerged lands may be used only for the specified activity or use. Any unauthorized deviation from the specified activity or use and the conditions for undertaking that activity or use will constitute a violation. Violation of the authorization will result in suspension or revocation of the applicant's use of the sovereignty submerged lands unless cured to the satisfaction of the Board of Trustees.
2. Authorization under Rule 18-21.005, F.A.C., conveys no title to sovereignty submerged lands or water column, nor does it constitute recognition or acknowledgment of any other person's title to such land or water.
3. Authorizations under Rule 18-21.005, F.A.C., may be modified, suspended or revoked in accordance with its terms or the remedies provided in Sections 253.04, F.S. and Chapter 18-14, F.A.C.

4. Structures or activities will be constructed and used to avoid or minimize adverse impacts to resources.
5. Construction, use, or operation of the structure or activity will not adversely affect any species which is endangered, threatened or of special concern, as listed in Rules 68A-27.003, 68A-27.004, and 68A-27.005, F.A.C.
6. Structures or activities will not unreasonably interfere with riparian rights. When a court of competent jurisdiction determines that riparian rights have been unlawfully affected, the structure or activity will be modified in accordance with the court's decision.
7. Structures or activities will not create a navigational hazard.
8. Activities shall not interfere with the public easement for traditional uses of the sandy beaches provided in section 161.141, F.S.
9. Structures will be maintained in a functional condition and will be repaired or removed if they become dilapidated to such an extent that they are no longer functional. This shall not be construed to prohibit the repair or replacement subject to the provisions of rule 18-21.005, F.A.C., within one year, of a structure damaged in a discrete event such as a storm, flood, accident, or fire.
10. Structures or activities will be constructed, operated, and maintained solely for water dependent purposes, or for non-water dependent activities authorized under paragraph 18-21.004(1)(g), F.A.C., or any other applicable law.
11. The applicant agrees to indemnify, defend and hold harmless the Board of Trustees and the State of Florida from all claims, actions, lawsuits and demands in any form arising out of the authorization to use sovereignty submerged lands or the applicant's use and construction of structures on sovereignty submerged lands. This duty to indemnify and hold harmless will include any and all liabilities that are associated with the structure or activity including special assessments or taxes that are now or in the future assessed against the structure or activity during the period of the authorization.
12. Failure by the Board of Trustees to enforce any violation of a provision of the authorization or waiver by the Board of Trustees of any provision of the authorization will not invalidate the provision not enforced or waived, nor will the failure to enforce or a waiver prevent the Board of Trustees from enforcing the unenforced or waived provision in the event of a violation of that provision.
13. Applicant binds itself and its successors and assigns to abide by the provisions and conditions set forth in the authorization. If the applicant or its successors or assigns fails or refuses to comply with the provisions and conditions of the authorization, the authorization may be terminated by the Board of Trustees after written notice to the applicant or its successors or assigns. Upon receipt of such notice, the applicant or its successors or assigns will have thirty (30) days in which to correct the violations. Failure to correct the violations within this period will result in the automatic revocation of this authorization.

14. All costs incurred by the Board of Trustees in enforcing the terms and conditions of the authorization will be paid by the applicant. Any notice required by law will be made by certified mail at the address shown on page one of the authorization. The applicant will notify the Board of Trustees in writing of any change of address at least ten days before the change becomes effective.
15. This authorization does not allow any activity prohibited in a conservation easement or restrictive covenant that prohibits the activity.

NOTICE OF RIGHTS

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the hearing process may result in a modification of the agency action or even denial of the application.

Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rule 28-106.20 and 28-106.301, F.A.C., a petition for an administrative hearing must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, any e-mail address, any facsimile number, and telephone number of the petitioner, if the petitioner is not represented by an attorney or a qualified representative; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
- (c) A statement of when and how the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;
- (f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant and persons entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the notice or within 14 days of receipt of the written notice, whichever occurs first. You cannot justifiably rely on the finality of this decision unless notice of this decision and the right of substantially affected persons to challenge this decision has been duly published or otherwise provided to all persons substantially affected by the decision. While you are not required to publish notice of this action, you may elect to do so pursuant Rule 62-110.106(10)(a).

The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under [Sections 120.569](#) and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C. If you do not publish notice of this action, this waiver will not apply to persons who have not received written notice of this action.

Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us, before the deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Mediation

Mediation is not available in this proceeding.

FLAWAC Review

The applicant, or any party within the meaning of Section 373.114(1)(a) or 373.4275, F.S., may also seek appellate review of this order before the Land and Water Adjudicatory Commission under Section 373.114(1) or 373.4275, F.S. Requests for review before the Land and Water Adjudicatory Commission must be filed with the Secretary of the Commission and served on the Department within 20 days from the date when this order is filed with the Clerk of the Department.

Judicial Review

Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department in the Office of General Counsel (Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000) and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate district court

of appeal. The notice must be filed within 30 days from the date this action is filed with the Clerk of the Department.

Executed in Hillsborough County, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Sarah McWilliams
Environmental Manager
Submerged Lands & Environmental
Resource Program

Attachments:

1. Project Drawings and Design Specs., 15 pages
2. Mitigation Plan, 27 pages
3. Construction Commencement Notice/Form 62-330.350(1), 1 page
4. Construction Completion & Inspection Certification for Single-Family Activity/Form 62-330.310(3), 2 pages
5. Request to Transfer Permit/Form 62-330.340(1), 2 pages

Copies furnished to:

Jessica Hamilton, Southwest District, [REDACTED]
ERP Permitting, Southwest District, [REDACTED]
Shannon Herbon, Southwest District [REDACTED]
U.S. Army Corps of Engineers, [REDACTED]
John McKenna, Florida Permitting, [REDACTED]

CERTIFICATE OF SERVICE

The undersigned hereby certifies that this permit and authorization to use sovereignty submerged lands, including all copies, were mailed before the close of business on December 31, 2025, to the above listed persons.

FILING AND ACKNOWLEDGMENT

FILED, on this date, under 120.52(7) of the Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.



December 31, 2025

Clerk

Date

Location Map

1215 50th St. Ct. E.
Bradenton, FL 34208
Manatee County

 Jackson Parcel
 Boatlift








Florida Permitting, Inc.
Consulting Environmental Scientists
Palmetto, FL 34221



BMPs

1215 50th St. Ct. E.
 Bradenton, FL 34208
 Manatee County

-  Turbidity Barriers
-  Handrails
-  Jackson Parcel
-  Estimated MHWL
-  Boatlift
-  Dock 3



Florida Permitting, Inc.
 Consulting Environmental Scientists
 Palmetto, FL 34221



410' x 4' walkway = 1,640 sqft
 10' x 16' platform = 160 sqft
 Total Dock Area = 1,800 sqft

Approx. shoreline
 260 LF

Estimated Pile count
 102 x 8" pilings
 4 x 10" pilings
 106 total pilings
 All deckboards to be
 PT wood 2x6 cut to
 width, spaced 1/2" apart.



FLUCFCS Map

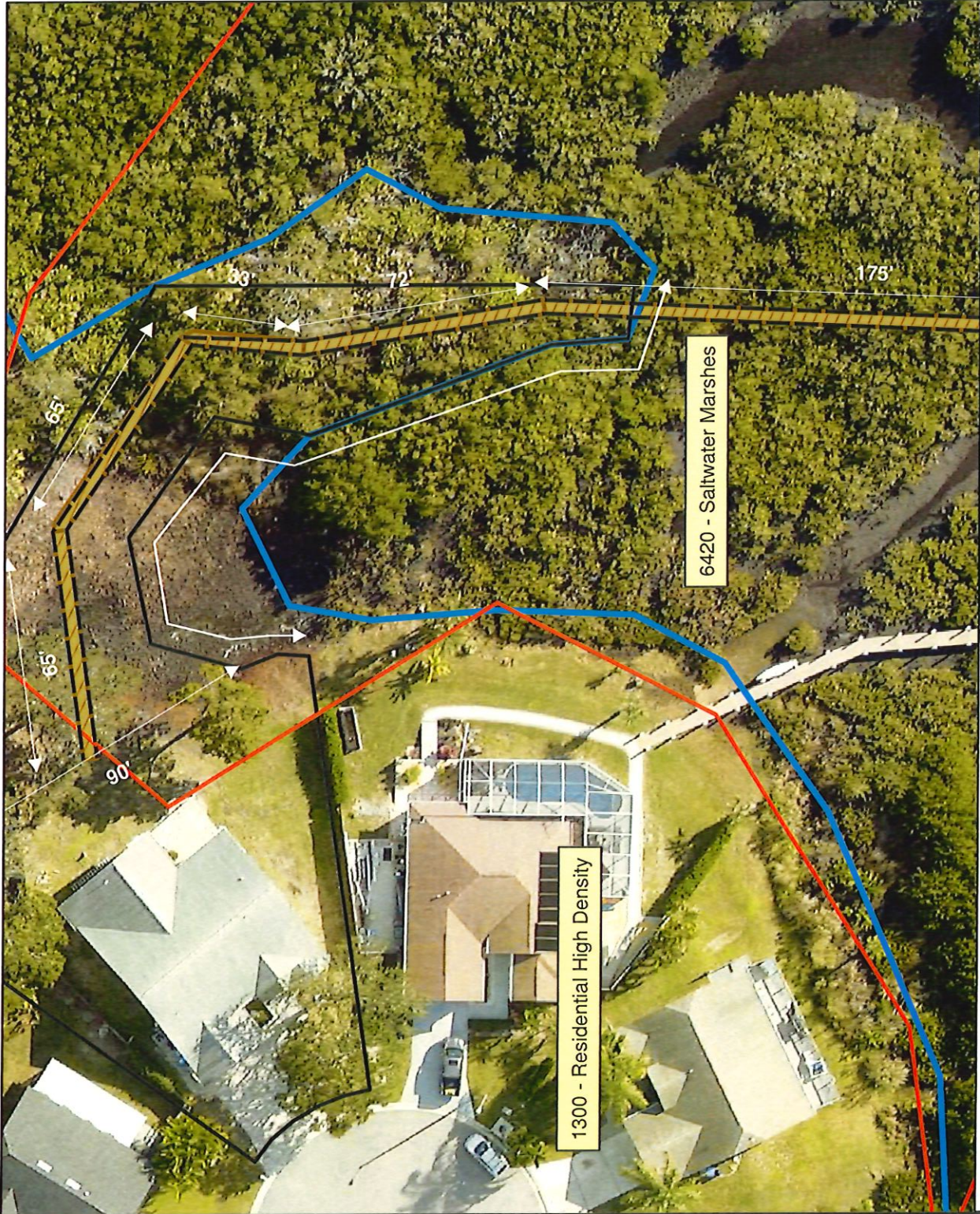
1215 50th St. Ct. E.
 Bradenton, FL 34208
 Manatee County

- Handrails
- LANDUSELA...
- Jackson Parcel
- Estimated MHWL
- Boatlift
- Dock 3

Survey Date April 24, 2024
 9:30-11:10 A.M.
 -0.0' Tide at 10:15 A.M.
 Ellenton Tide Station



Florida Permitting, Inc.
 Consulting Environmental Scientists
 Palmetto, FL 34221



Adjacent Property Distances

1215 50th St. Ct. E.
Bradenton, FL 34208
Manatee County

- Jackson Parcel
- Boatlift
- Dock 3
- Parcels _ OpenData


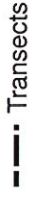
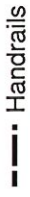






Florida Permitting, Inc.
Consulting Environmental Scientists
Palmetto, FL 34221



Benthic Survey

1215 50th St. Ct. E.
 Bradenton, FL 34208
 Manatee County

-  MLW water depths
-  Transects
-  Handrails
-  Jackson Parcel
-  Estimated MHWL
-  Boatlift
-  Dock 3

Survey Date April 24, 2024
 9:30-11:10 A.M.
 -0.0' Tide at 10:15 A.M.
 Ellenton Tide Station



Florida Permitting, Inc.
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 Palmetto, FL 34221



Platform Detail

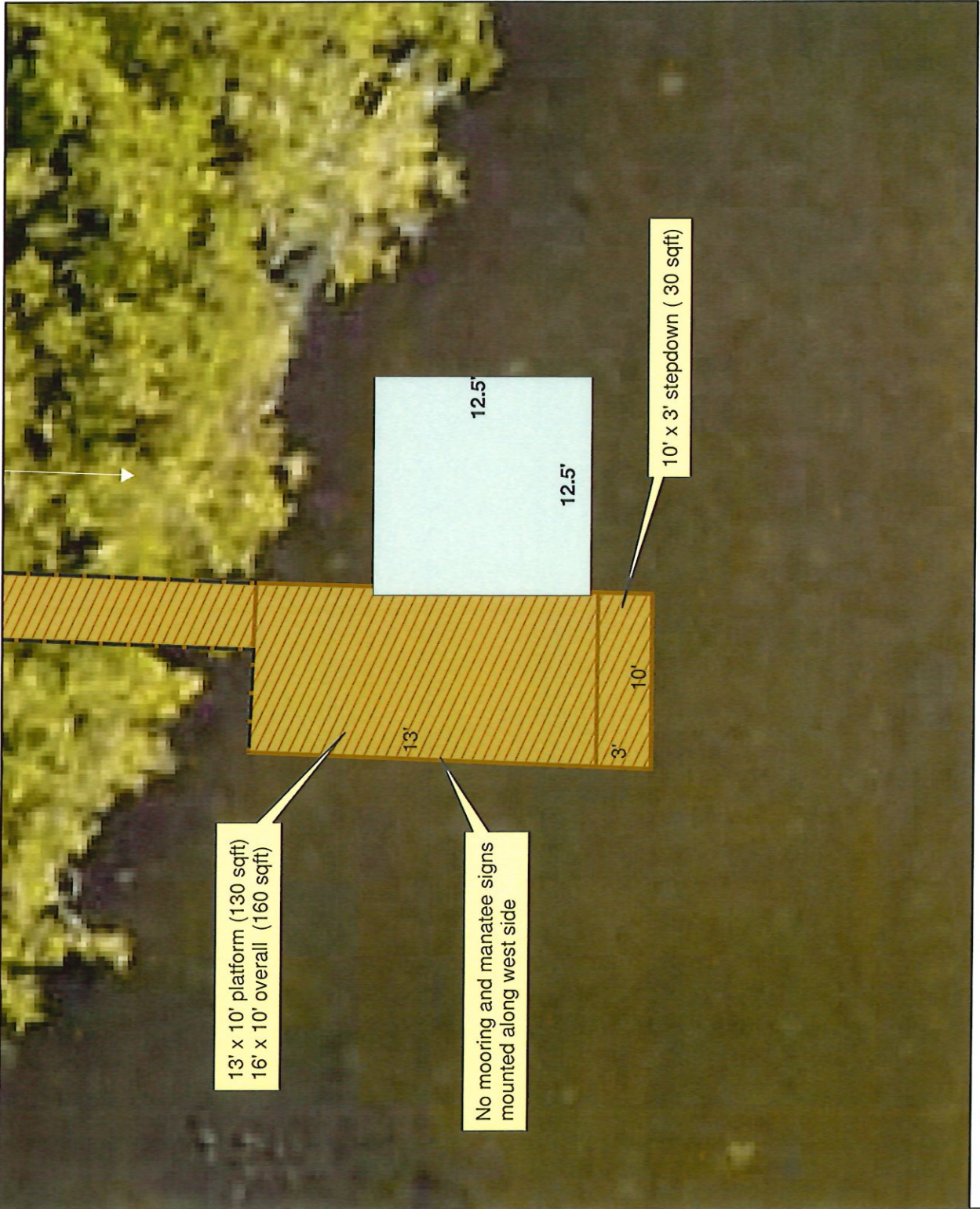
1215 50th St. Ct. E.
 Bradenton, FL 34208
 Manatee County

-  Handrails
-  Jackson Parcel
-  Estimated MHWL
-  Boatlift
-  Dock 3

Survey Date April 24, 2024
 9:30-11:10 A.M.
 -0.0' Tide at 10:15 A.M.
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13' x 10' platform (130 sqft)
 16' x 10' overall (160 sqft)

No mooring and manatee signs
 mounted along west side

10' x 3' stepdown (30 sqft)



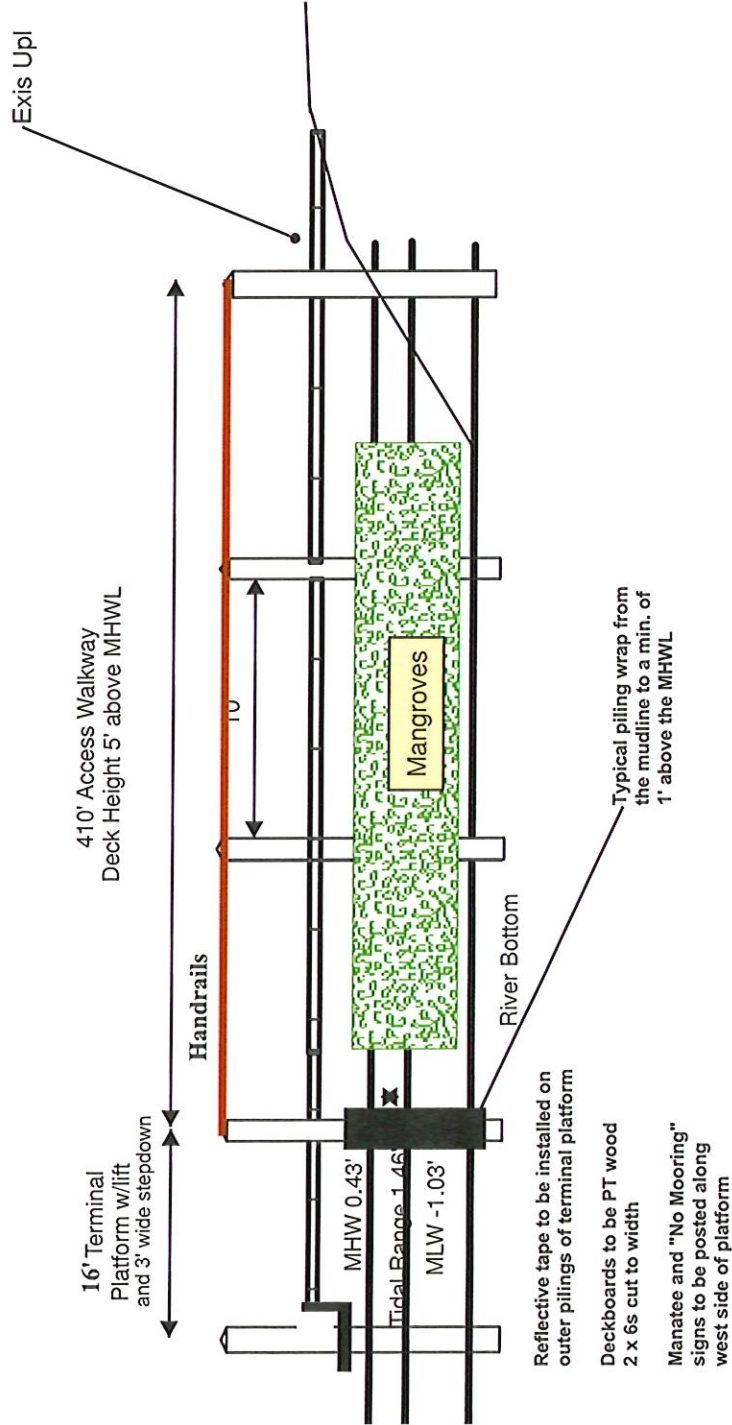
Profile View Proposed

1215 50th St. Ct. E.
 Bradenton, FL 34208
 Manatee County

Tidal elevations referenced
 to NAVD 88.
 Ellenton Tide Station



Florida Permitting, Inc.
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 Palmetto, FL 34221



"Not to Scale"

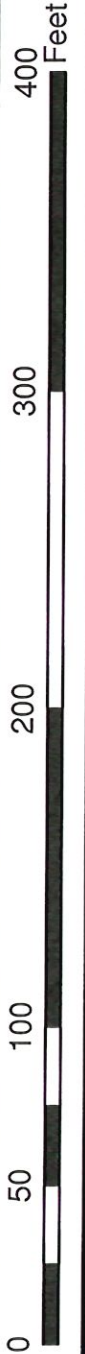
Proposed Dock

1215 50th St. Ct. E.
 Bradenton, FL 34208
 Manatee County

- Handrails
- Jackson Parcel
- Estimated MHWL
- Boatlift
- Dock 3









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Soil Map

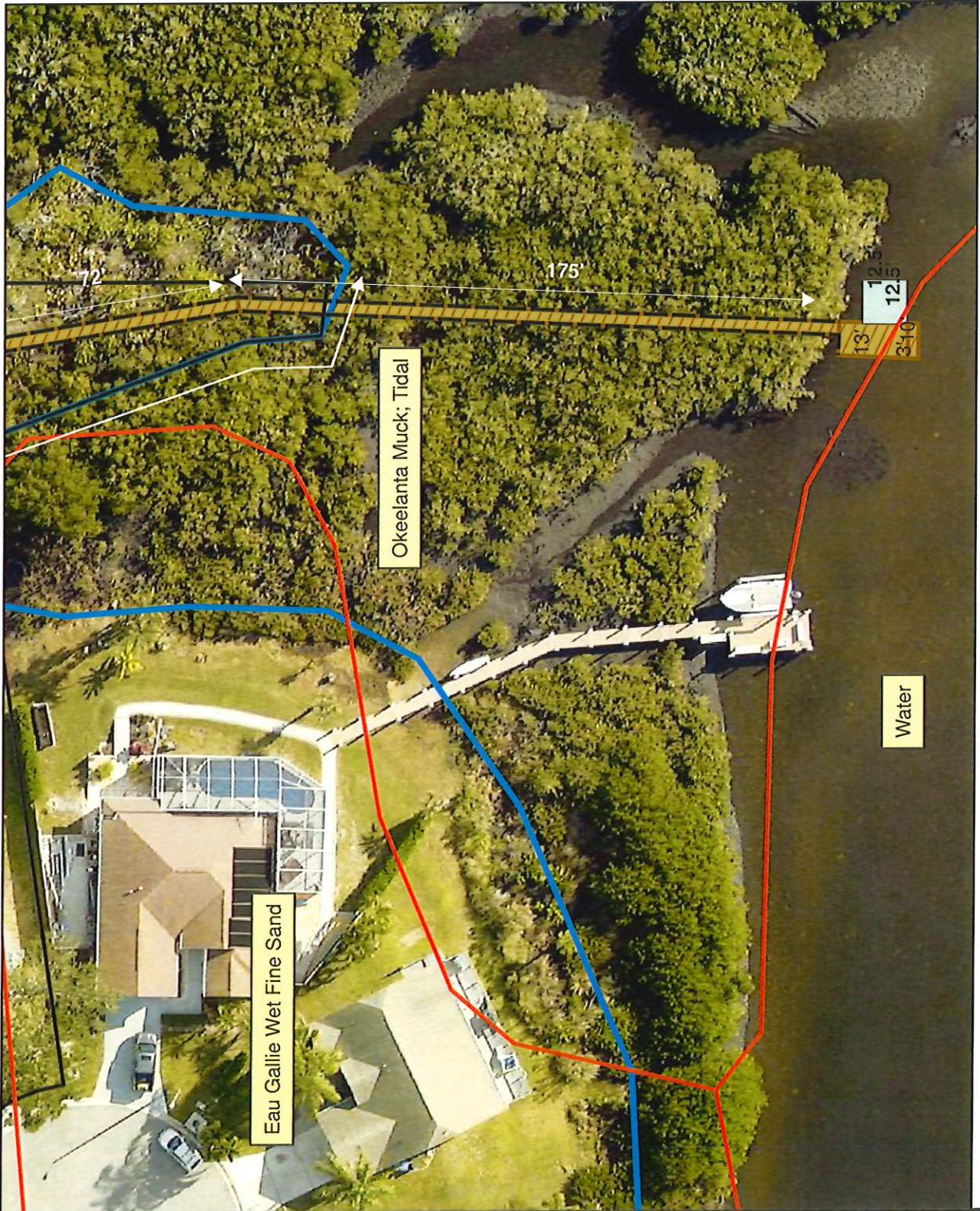
1215 50th St. Ct. E.
 Bradenton, FL 34208
 Manatee County

-  Handrails
-  soilmu_a_aoi
-  Jackson Parcel
-  Estimated MHWL
-  Boatlift
-  Dock 3

Survey Date April 24, 2024
 9:30-11:10 A.M.
 -0.0' Tide at 10:15 A.M.
 Ellenton Tide Station

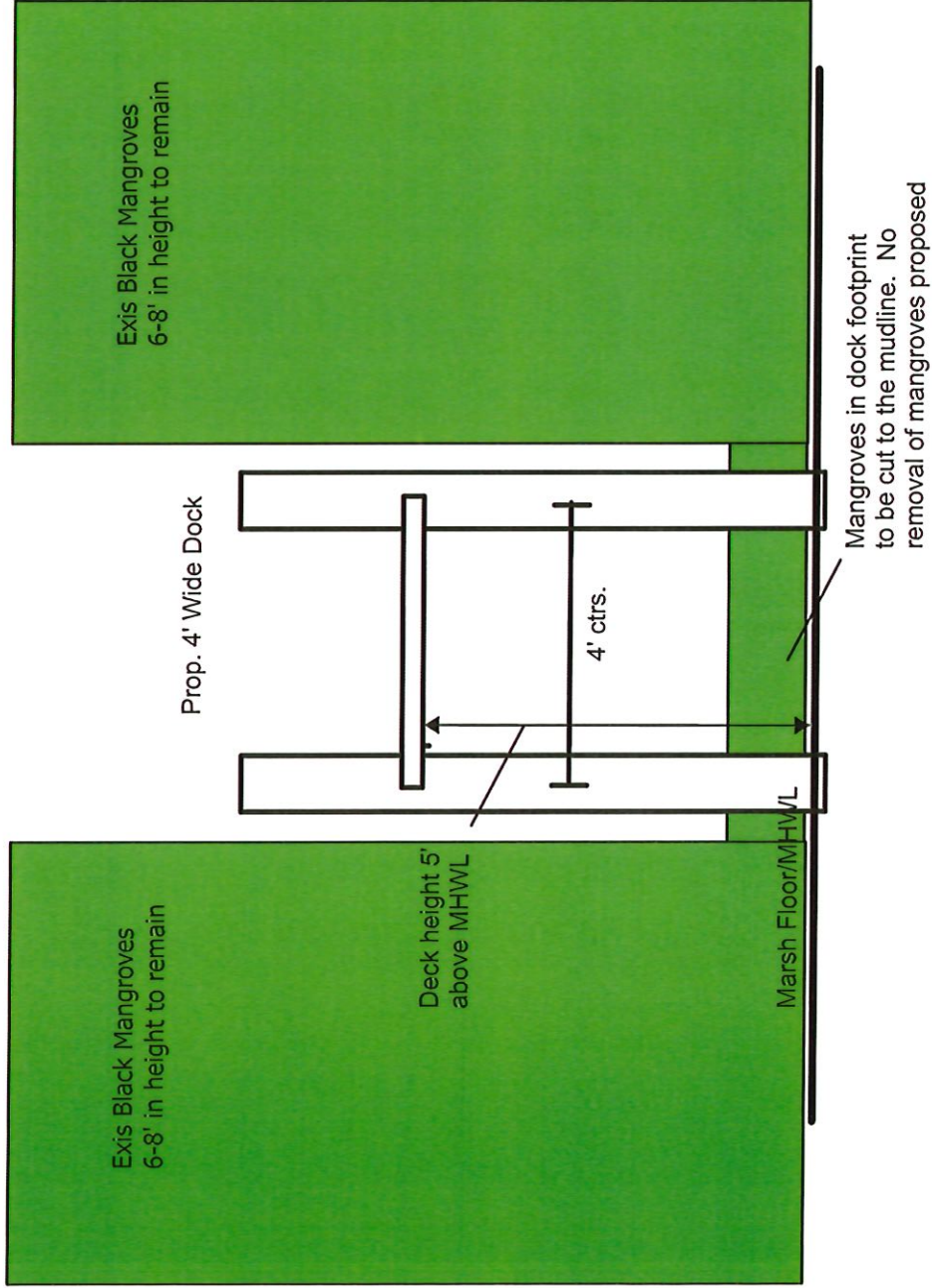


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Prop. Cross Section

1215 50th St. Ct. E
Manatee County
S/T/R - 33/34/18












"Not to Scale"

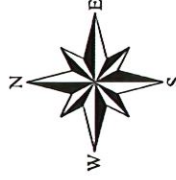


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BMP Map

1215 50th St. Ct. E.
 Bradenton, FL 34208
 Manatee County

-  Silt Fence
-  Turbidity Barriers
-  Handrails
-  Estimated MHWL
-  Mangrove Fringe
-  Tidal Wetland Marsh
-  Upland Peninsula
-  Boatlift
-  Dock 3



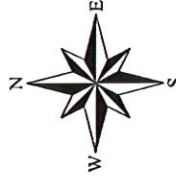
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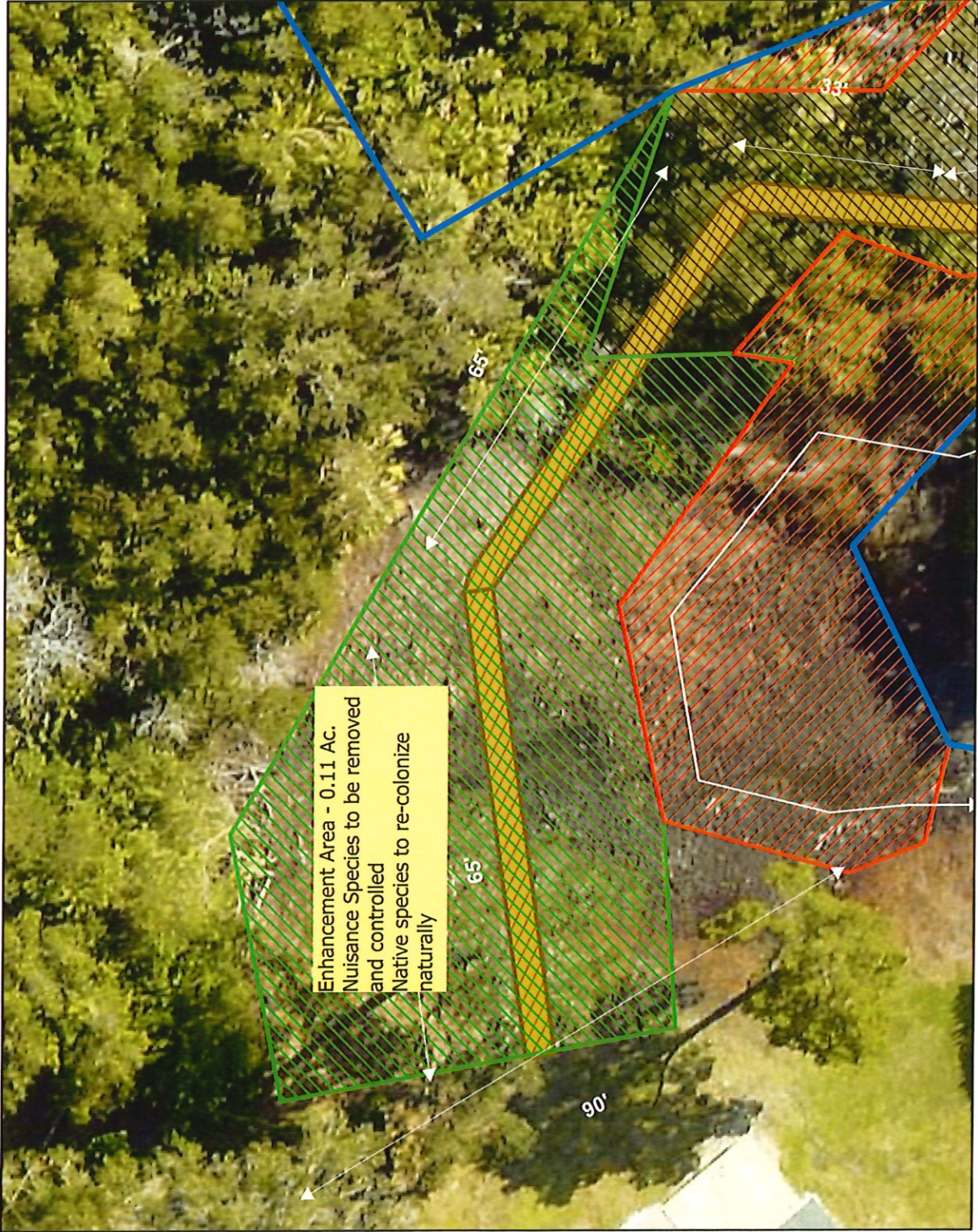
Enhancement Area

1215 50th St. Ct. E.
 Bradenton, FL 34208
 Manatee County

-  Estimated MHWL
-  Mangrove Fringe
-  Tidal Wetland Marsh
-  Upland Peninsula
-  Dock 3



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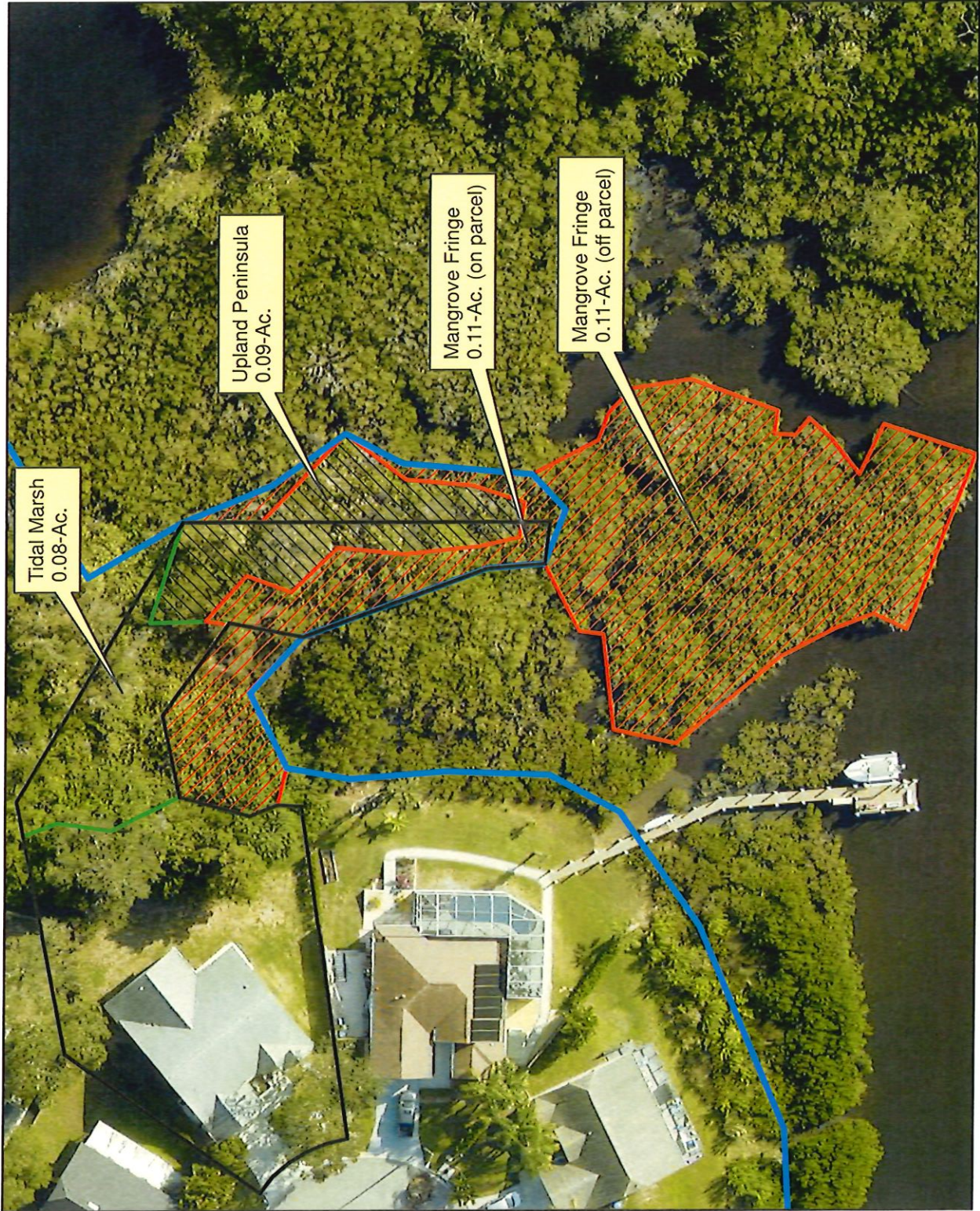
Existing Conditions

1215 50th St. Ct. E.
Bradenton, FL 34208
Manatee County

- Jackson Parcel
- Estimated MHWL
- Mangrove Fringe
- Tidal Wetland Marsh
- Upland Peninsula









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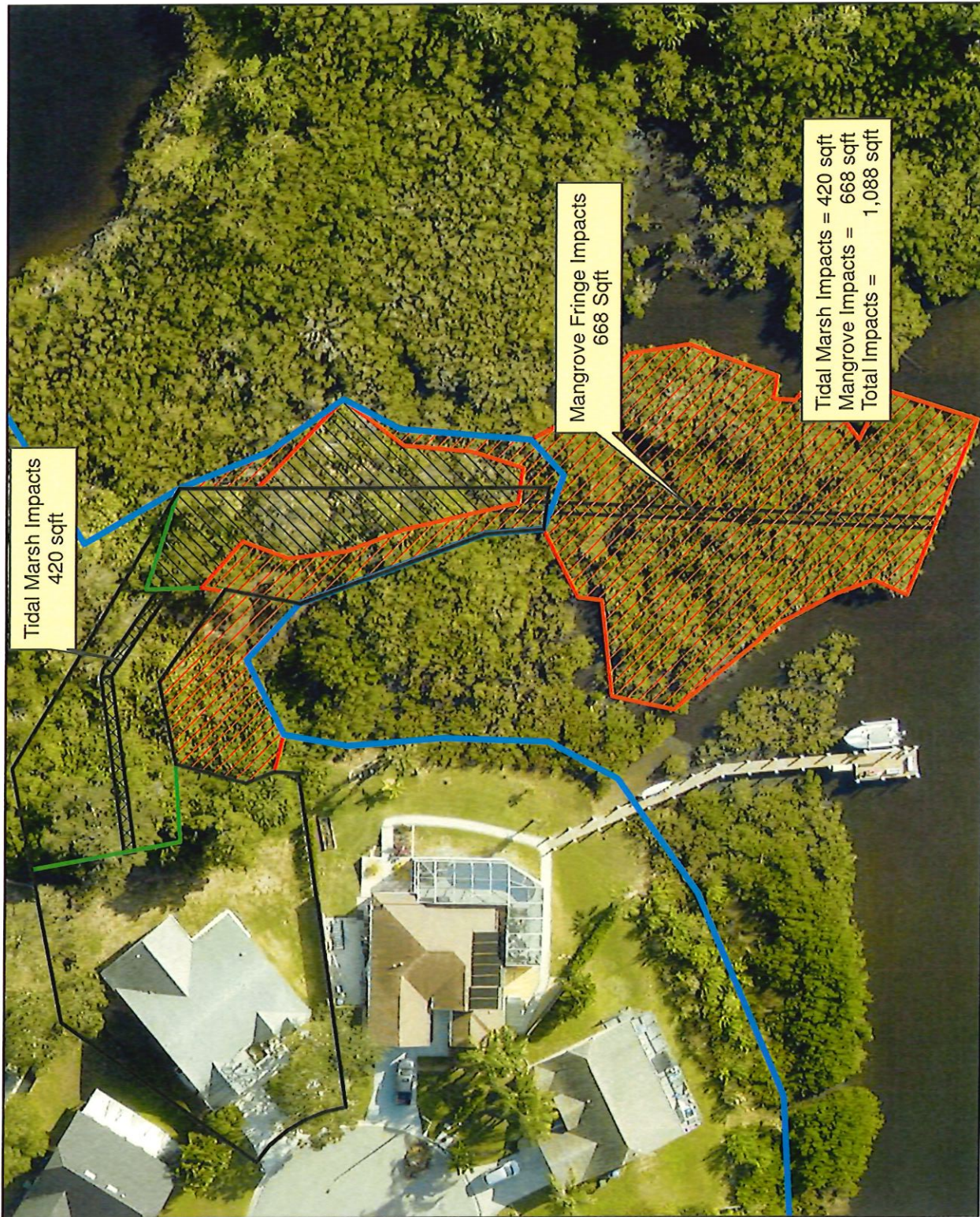
Proposed Impacts

1215 50th St. Ct. E.
 Bradenton, FL 34208
 Manatee County

-  Jackson Parcel
-  Estimated MHWL
-  Mangrove Fringe
-  Tidal Wetland Marsh
-  Upland Peninsula
-  Dock Impacts

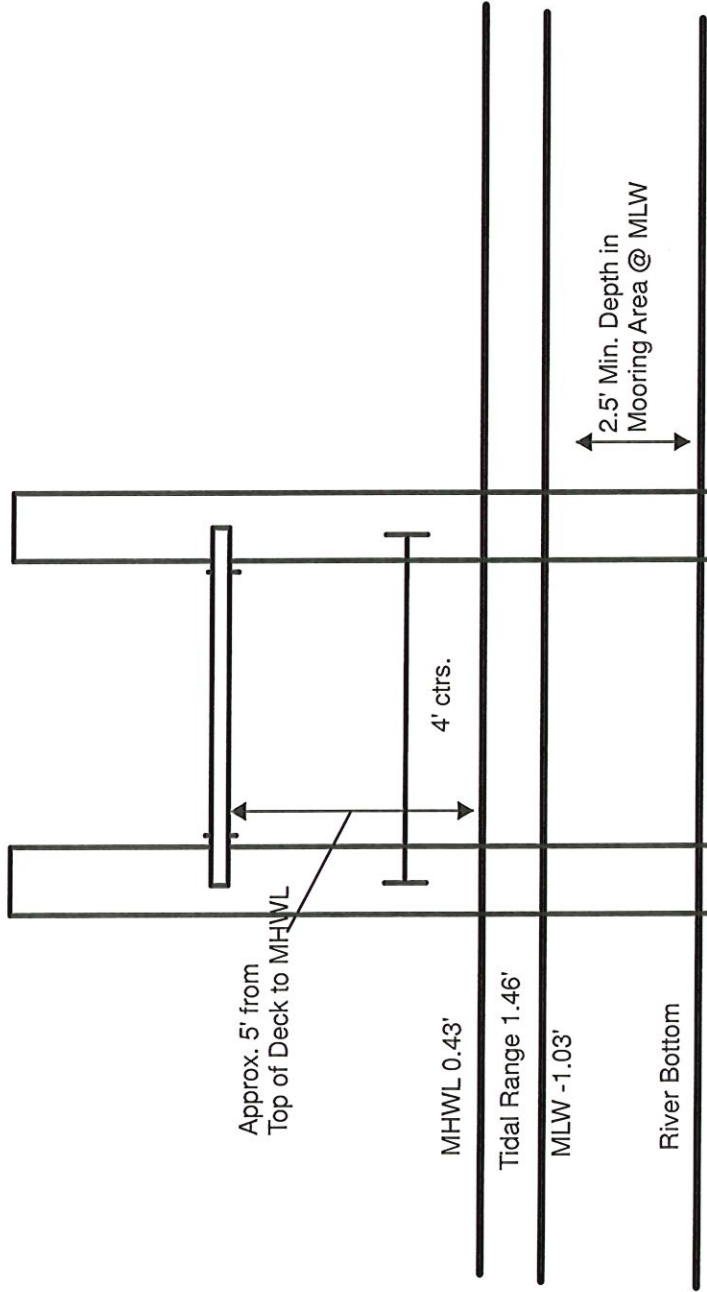


Florida Permitting, Inc.
 Consulting Environmental Scientists
 Palmetto, FL 34221



Cross Sectional View Proposed

Prop. 4' Wide Access Walkway



"Not to Scale"

1215 50th St. Ct. E.
Bradenton, FL 34208
Manatee County

Tidal elevations referenced to NAVD 88.
Ellenton Tide Station



Florida Permitting, Inc.
Consulting Environmental Scientists
Palmetto, FL 34221



Revised October 2, 2025

Environmental Resource Permit Joint Application
Individual Permit
Project Narrative
Jackson Dock
Florida Department of Environmental Protection/USACE
Manatee County
Sec 33; Twp 34 S; Rge 18 E

1.0 INTRODUCTION

At the request of Mr. Don Jackson, Florida Permitting Inc., has prepared an environmental narrative to review the environmental impacts associated with the construction of a new single family dock. The proposed project will include an approximate 410' x 4' walkway with a 10' x 20' terminal platform and boatlift at the end. The proposed dock will traverse a tidal marsh, upland peninsula, and mangrove fringe before terminating in the Braden River.

2.0 SITE DESCRIPTION

The project site is located at 1215 50th St. Ct. E. in Bradenton. The parcel lies along a tidal marsh and mangrove fringe on the Braden River. The property covers 0.46-acres and is currently a developed lot with a single family home, and manicured lawn area. No native communities or vegetation remain on the main body of the property. The parcel does however continue southward and passes through a tidal marsh, upland peninsula, and mangrove fringe.

A site visit was made on April 24, 2024 to verify the existing site conditions in the location of the dock. The tidal marsh was previously infested with cattails (*Typha spp.*) and Brazilian pepper (*Schinus terbinthofolius*) which has since been removed by the homeowner. This area is now starting to recolonize with black needlerush (*Juncus roemerianus*), red (*Rhizophora mangle*), and black (*Avicennia germinans*) mangroves. The soils in this area are of a dark, mucky texture, consistent with the soil map designation of Okeelanta Muck; tidal. The marsh area is likely inundated during higher tides, but is normally saturated at the surface during normal tidal cycles.

Continuing east and south, following the property boundaries, the tidal marsh gives way to an upland hammock on a peninsula. This area is marked by a steep elevation change and was colonized by saw





palmetto (*Serenoa repens*), and live oak (*Quercus virginiana*). Immediately outside of this small peninsula was a mangrove fringe to the east, west, and south. Soils here were a light colored sand, indicating a small unmapped soil type in this specific location.

Continuing further south lies a mangrove fringe with the cover split evenly between red and black mangrove species. The black mangroves were confined to the center of the fringe area while the red mangroves were found growing along the waterline. Fiddler crabs (*Uca spp.*) were observed throughout this area during the site visit. Some sporadic clusters of black needlerush were also observed at the higher elevation areas of the mangrove fringe.

At the south end of the mangrove fringe, lies the Braden River. Due to the tannin stained water flowing from upstream areas, no seagrasses or other submerged resources were found during the site survey. Water depths were found to be a minimum of 2.5' at a Mean Low Water, as referenced to the Ellenton Tide Station.

3.0 PROJECT SUMMARY

The applicant proposes to construct a private boat dock and lift extending from their property line out into the Braden River. The project proposes a 410' x 4' access walkway with a 10' x 20' terminal platform and single boat lift at the end. The total square footage of the dock is approximately 1,840 sqft. Starting from the shoreline, the dock will traverse approximately 105 linear feet of tidal marsh (420 sqft of impact), then approximately 133' of upland peninsula, followed by 162 linear feet of mangroves (668 sqft). The terminal platform will start just waterward of the mangroves and be oriented north to south with a step down at the south end.

Due to the shallow depths, most of the work will be completed from the landward side of the project so as not to create impacts within the river. Most piles will be augered into place and the dock will be built by section, moving waterward as each section is completed. Piling installation is estimated to take 3-4 weeks based on site conditions and weather. Crossmember and tie installation on the pilings is estimated to take another 2-3 weeks. Deckboards and handrails will then be added by section starting at the shoreline and moving waterward. This will eliminate any additional disturbance to the marsh soils. Deckboard and handrail installation is expected to take 3-4 weeks. This methodology minimizes additional impacts to the mangrove fringe. Any impacts which may occur outside the dock's footprint would be temporary and the area would be allowed to re-grow after completion of the project. A barge may be used at the waterward end of the dock, but the small barge would only draft a maximum of 16" when fully loaded. Piles will be jetted into place and any "halos" will be removed where applicable.

Due to the shallow nature of the river and surrounding waterways, the applicant is proposing to keep





a shallow draft vessel on the lift with a maximum draft of 12” and a maximum length of 22’. The applicant does not own the vessel at this time but is looking at flat bottom “Carolina Skiff” type vessels as they feature 12” or less draft in that length.

4.0 ENVIRONMENTAL CONSIDERATIONS/AVOIDANCE AND MINIMIZATION

The dock portion of the project as proposed has been designed to conform to the U.S. Army Corps of Engineers “*Dock Construction Guidelines*”, meaning the walkway will be elevated 5’ above Mean High Water (MHWL), be 4’ wide, and will consist of deckboards spaced ½” apart to allow for light penetration. The dock will also extend out only as far as necessary and will be lighted at night. Reflective tape will also be installed on the outer pilings for night visibility. Mangroves in the footprint of the dock will be trimmed down to below the deck height to allow for construction access. Mangroves off to the side of the dock may also be trimmed laterally within approximately 18” of either side of the dock to allow for access. No removal of mangroves is proposed and no ground disturbance other than piling installation is planned. Piling installation in the mangrove area will likely utilize an auger as there is not enough standing water to use a water jet.

Where the dock traverses the tidal marsh, it will again follow or exceed the dock construction guidelines and will be built with the deck 5’ above MHWL and have a width of only 4’. The path of the dock through the marsh is also the shortest possible distance while remaining within the applicant’s riparian area. This path also avoids the portion of the marsh which is currently being recolonized by native species, including mangroves, after nuisance species removal. Moving the dock path further south would only increase impacts to higher quality marsh and mangrove areas. It is the opinion of Florida Permitting, Inc. that these design points have shown minimization and avoidance of impacts to the greatest extent possible.

In order to reduce any secondary or temporary impacts to the surrounding areas while the project is being constructed, commonly used Best Management Practices will be utilized and maintained. In this case, floating turbidity barriers will be installed along the waterward edge of the work area to prevent the discharge of turbid water into the adjacent waterway. Dock piles will also be wrapped in a PVC material to prevent contaminant leaching and also extend the life of the piles.

The applicant’s property includes approximately 400 linear feet of shoreline. The proposed dock covers approximately 1,840 sqft and therefore is well under the 10:1 state lands ratio. This project as proposed would qualify for a letter of consent under Ch. 18-21.005(c)





5.0 MITIGATION

It is the opinion of Florida Permitting, Inc. that the project as proposed has minimized the environmental impacts as much as is feasible by following the aquatic preserve and federal dock construction guidelines. With that said, the DEP has required some mitigation in order to compensate for unavoidable impacts to mangroves as a result of dock construction. Based on the UMAM (Uniform Mitigation Assessment Method) calculations, the project has a Functional Loss (FL) of 0.01 units.

While the applicant previously removed nuisance/exotic species on their own accord from the tidal marsh area, DEP determined that was not sufficient to compensate for the mangrove impacts. In order to satisfy the agency, the applicant has agreed to remove any nuisance/exotic species from the large mangrove fringe to the south of the home, in the area that the proposed dock will pass through. This 0.31 acre site contains exotic species such as Brazilian pepper (*Schinus terebinthofolius*) and carrotwood trees (*Cupaniopsis anacardiodes*), along with some vine species which encroach into the area from the adjacent upland island. Removal of these species provides a UMAM Relative Functional Gain (RFG) of 0.02 units. In order to determine the area of mitigation required to offset the impacts, the FL is divided by the RFG (0.01/0.02), which provides a required acreage of 0.22 ac. The enhancement area shown in the plans measures 0.31 acres, which is almost 1.5 times the required area.

Nuisance/Exotic species in the enhancement area will be removed by hand or small saw due to the delicate surrounding habitats and difficulties associated with bringing any equipment to the site. Small saplings may be sprayed with a herbicide approved for use in wetlands, while larger shrubs and trees will be cut and the stumps painted with approved herbicide such as Aquastar. Removal of brazilian pepper trees will be concentrated during the growing season before the shrub produces berries in the fall. This will help to minimize additional spread of the species. Any herbicide applications will be performed by a licensed applicator using herbicides approved for use in wetlands and estuaries. A condition in the permit will state the following:

Any herbicide used in the wetland area will be approved for use in aquatic habitats. The most commonly used herbicide for this type of application is Aquamaster, a formulation of Roundup Custom specifically produced for aquatic weed control. This herbicide contains 53.8% of the active ingredient Glyphosate. Per the attached label, this product is approved for use in estuaries and wetlands, and is specifically labeled for use on Brazilian pepper. Pepper trees will be cut at the stump and a 100% solution will be "painted" on the cut stump immediately after cutting. This directly targets the individual tree with no risk of overspray or drift to adjacent vegetation.





Upon completion of the restoration work, FPI expects the area to return to a natural mangrove system, dominated by red and black mangroves, with additional cover provided by species such as saltbush (*Baccharis hamifolia*), sand cordgrass (*Spartina bakeri*), and black needlerush (*Juncus roemerianus*).

The removal of nuisance/exotic species from the wetland will increase the functional value of fish and wildlife habitat on the parcel through improvements in habitat. The presence of species such as brazilian pepper and carrotwood trees impacts habitat value through the potential to quickly turn native habitats into monoculture stands of these species. Brazilian pepper specifically outcompetes native vegetation and forms impenetrable thickets of the shrub, severely limiting the functions of the wetland. The removal of these species will provide an ecological “lift” of 0.02 units as shown by the included UMAM sheets.

An initial maintenance event will occur prior to the construction of the dock. Follow up maintenance events will then be performed bi monthly for the first year, followed by quarterly each year until the success criteria are met. Each maintenance event will be documented and discussed in the next monitoring report to be submitted to the Department. Photographs of the area will also be included in each report. Once success criteria are met and the area is released from monitoring, maintenance events will be performed on an “as-needed” basis in perpetuity.

An initial sweep of the area will be conducted prior to any dock construction, and then once the dock is complete, continued observations of the area will be made by the applicant to identify any new growth. Photographs of the initial maintenance event will be provided to DEP as part of the permit close out process. No planting is proposed with this enhancement as mangrove species will readily colonize the area once exotic species are removed. It is the opinion of FPI that this proposal adequately offsets any unavoidable mangrove impacts.

Upon completion of the nuisance/exotic species removal, a “Time-Zero” report will be provided to the Department which will provide the following info:

- Dates of nuisance/exotic species removal
- Methods of removal
- Plant species composition in area along with % cover of each
- Photographs of the area taken from fixed photopoints to be used during future monitoring events.
- A map showing the locations of the photopoints within the enhancement area.

Monitoring of the area will continue for 3 years on an annual basis with the exception of the first year. During the first year approximately 3 months after the initial nuisance/exotic species removal a monitoring report is to be submitted to the department. Each annual monitoring report will





contain:

- Color photographic prints taken from the reference points established in the Time Zero Monitoring Report.
- Plant species composition with estimates of the contribution of each species to percent cover.
- Dates of each maintenance event occurring at the site during the past year.

The mitigation area will be considered successful when the site meets the following criteria:

- Naturally recruited wetland species have achieved a minimum 80 % cover;
- Total contribution to percent cover by non-native wetland species and species not listed in 62-340.450, F.A.C. shall be maintained below 5 %;
- The Department's State Lands and Environmental Resource Program staff has inspected the mitigation area and determined that the mitigation area(s) meets the above success criteria.

6.0 CONCLUSION

The information contained in this report should serve as an accurate depiction of the environmental conditions found within the project area, as well as provide a general description of the proposed project. It is the opinion of Florida Permitting, Inc., that the project as proposed will create minimal adverse impacts to the local habitat through the use of best construction management practices, minimizing construction impacts, and following the criteria set Ch. 18-21.005(c) and the USACE/NMFS "*Dock Construction Guidelines*".



ATTENTION:

This specimen label is provided for general information only.

- This pesticide product may not yet be available or approved for sale or use in your area.
- It is your responsibility to follow all Federal, state and local laws and regulations regarding the use of pesticides.
- Before using any pesticide, be sure the intended use is approved in your state or locality.
- Your state or locality may require additional precautions and instructions for use of this product that are not included here.
- Monsanto does not guarantee the completeness or accuracy of this specimen label. The information found in this label may differ from the information found on the product label. You must have the EPA approved labeling with you at the time of use and must read and follow all label directions.
- You should not base any use of a similar product on the precautions, instructions for use or other information you find here.
- Always follow the precautions and instructions for use on the label of the pesticide you are using.

2119514-25



Complete Directions for Use in Aquatic and Other Non-crop Sites.

AVOID CONTACT OF HERBICIDE WITH FOLIAGE, STEMS, EXPOSED NON-WOODY ROOTS OR FRUIT OF CROPS, DESIRABLE PLANTS AND TREES, BECAUSE SEVERE INJURY OR DESTRUCTION MAY RESULT.

EPA Reg. No. 524-343

2009-2

GROUP	9	HERBICIDE
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Read the entire label before using this product.

Use only according to label instructions.

Not all products listed on this label are registered for use in California. Check the registration status of each product in California before using.

Read the "LIMIT OF WARRANTY AND LIABILITY" statement at the end of the label before buying or using. If terms are not acceptable, return at once unopened.

THIS IS AN END-USE PRODUCT. MONSANTO DOES NOT INTEND AND HAS NOT REGISTERED IT FOR REFORMULATION (OR REPACKAGING). SEE INDIVIDUAL CONTAINER LABEL FOR REPACKAGING LIMITATIONS.

PRODUCT INFORMATION

1.0 INGREDIENTS

ACTIVE INGREDIENT:

*Glyphosate, N-(phosphonomethyl)glycine, in the form of its isopropylamine salt..... 53.8%

OTHER INGREDIENTS:..... 46.2%
100.0%

*Contains 648 grams per liter or 5.4 pounds per U.S. gallon of the active ingredient glyphosate, in the form of its isopropylamine salt. Equivalent to 480 grams per liter or 4.0 pounds per U.S. gallon of the acid, glyphosate.

No license granted under any non-U.S. patent(s).

2.0 IMPORTANT PHONE NUMBERS

FOR PRODUCT INFORMATION OR ASSISTANCE IN USING THIS PRODUCT,
CALL TOLL-FREE,
1-800-332-3111.

IN CASE OF AN EMERGENCY INVOLVING THIS PRODUCT, OR FOR MEDICAL
ASSISTANCE, CALL COLLECT, DAY OR NIGHT,
(314) 694-4000.

3.0 PRECAUTIONARY STATEMENTS

3.1 Hazards to Humans and Domestic Animals

Keep out of reach of children.

CAUTION!

Remove contaminated clothing and wash clothing before reuse.
Wash thoroughly with soap and water after handling.

3.2 Environmental Hazards

Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Treatment of aquatic weeds can result in oxygen depletion or loss due to decomposition of dead plants. This oxygen loss can cause fish suffocation.

In case of: SPILL or LEAK, soak up and remove to a landfill.

3.3 Physical or Chemical Hazards

Spray solutions of this product should be mixed, stored and applied using only stainless steel, fiberglass, plastic or plastic-lined steel containers.

DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS. This product or spray solutions of this product react with such containers and tanks to produce hydrogen gas which may form a highly combustible gas mixture. This gas mixture could flash or explode, causing serious personal injury, if ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. This product can only be used in accordance with the Directions for Use on this label or in separately published Monsanto Supplemental Labeling. Supplemental labeling can be found on the www.cdms.net or www.greenbook.net websites or obtained by contacting your Authorized Monsanto Retailer or Monsanto Company representative. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulations.

4.0 STORAGE AND DISPOSAL

Proper pesticide storage and disposal are essential to protect against exposure to people and the environment due to leaks and spills, excess product or waste, and vandalism. Do not allow this product to contaminate water, foodstuffs, feed or seed by storage and disposal.

PESTICIDE STORAGE: STORE ABOVE 5°F (-15°C) TO KEEP PRODUCT FROM CRYSTALLIZING. Crystals will settle to the bottom. If allowed to crystallize, place in a warm room 68°F (20°C) for several days to redissolve and roll or shake container or recirculate in mini-bulk containers to mix well before using. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep container closed to prevent spills and contamination.

PESTICIDE DISPOSAL: To avoid wastes, use all material in this container, including rinsate, by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program. Such programs are often run by state or local governments or by industry. All disposal must be in accordance with applicable Federal, state and local regulations and procedures.

CONTAINER HANDLING AND DISPOSAL: See container label for container handling and disposal instructions and refilling limitations.

5.0 GENERAL INFORMATION (How This Product Works)

Product Description: This product is a postemergence, systemic herbicide with no residual soil activity. It gives broad-spectrum control of many annual weeds, perennial weeds, woody brush and trees. It is formulated as a water-soluble liquid and may be applied through standard equipment after dilution and mixing with water or other carriers according to label instructions.

Time to Symptoms: This product moves through the plant from the point of foliage contact to and into the root system. Visible effects are a gradual wilting and yellowing of the plant which advances to complete browning of above-ground growth and deterioration of underground plant parts. Effects are visible on most annual weeds within 2 to 4 days, but on most perennial weeds may not occur for 7 days or more. Extremely cool or cloudy weather following treatment may slow activity of this product and delay development of visual symptoms.

Stage of Weeds: Annual weeds are easiest to control when they are small. Best control of most perennial weeds is obtained when treatment is made at late growth stages approaching maturity. Refer to the "WEEDS CONTROLLED" sections for specific weed instructions. Always use the higher product application rate in the labeled range

when weed growth is heavy or dense, or when weeds are growing in an undisturbed (non-cultivated) area. Reduced weed control may result from treating weeds with disease or insect damage, weeds heavily covered with dust, or weeds under poor growing conditions.

Cultural Considerations: Reduced control may result when applications are made to annual or perennial weeds that have been mowed, grazed or cut, and have not been allowed to regrow to the specified stage for treatment.

Rainfastness: Heavy rainfall soon after application may wash this product off of the foliage and a repeat application may be required for adequate control.

Mode of Action in Plants: The active ingredient in this product inhibits production of an enzyme in plants and microorganisms that is essential to formation of specific amino acids.

No Soil Activity: Weeds must be emerged at the time of application to be controlled by this product. Weeds germinating from seed after application will not be controlled. Unemerged plants arising from unattached underground rhizomes or rootstocks of perennials will not be affected by the herbicide and will continue to grow.

Maximum Application Rates: The maximum application or use rates stated throughout this label are given in units of volume (fluid ounces or quarts) of this product per acre. However, the maximum allowed application rates apply to this product combined with the use of any and all other herbicides containing the active ingredient glyphosate, whether applied separately or as tank mixtures, on a basis of total pounds of glyphosate (acid equivalents) per acre. If more than one glyphosate-containing product is applied to the same site within the same year, you must ensure that the total use of glyphosate (pounds acid equivalents) does not exceed the maximum allowed. The combined total of all treatments must not exceed 8 quarts of this product (8 pounds of glyphosate acid) per acre per year. See the "INGREDIENTS" section of this label for necessary product information.

ATTENTION

AVOID CONTACT OF HERBICIDE WITH FOLIAGE, STEMS, EXPOSED NON-WOODY ROOTS OR FRUIT OF CROPS, DESIRABLE PLANTS AND TREES, BECAUSE SEVERE INJURY OR DESTRUCTION MAY RESULT.

AVOID DRIFT. EXTREME CARE MUST BE USED WHEN APPLYING THIS PRODUCT TO PREVENT INJURY TO DESIRABLE PLANTS AND CROPS.

Do not allow the herbicide solution to mist, drip, drift or splash onto desirable vegetation since minute quantities of this product can cause severe damage or destruction to the crop, plants or other areas on which treatment was not intended. The likelihood of injury occurring from the use of this product increases when winds are gusty, as wind velocity increases, when wind direction is constantly changing or when there are other meteorological conditions that favor spray drift. When spraying, avoid combinations of pressure and nozzle type that will result in splatter or fine particles (mist) that are likely to drift. AVOID APPLYING AT EXCESSIVE SPEED OR PRESSURE.

NOTE: Use of this product in any manner not consistent with this label may result in injury to persons, animals or crops, or other unintended consequences.

5.1 Weed Resistance Management

GROUP	9	HERBICIDE
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Glyphosate, the active ingredient in this product, is a Group 9 herbicide based on the mode of action classification system of the Weed Science Society of America. Any weed population may contain plants naturally resistant to Group 9 herbicides. Weed species resistant to Group 9 herbicides may be effectively managed utilizing another herbicide from a different Group or using other cultural or mechanical practices.

To minimize the occurrence of glyphosate-resistant biotypes observe the following general weed management recommendations:

- Scout your application site before and after herbicide applications.
- Control weeds early when they are relatively small.
- Incorporate other herbicides and cultural or mechanical practices as part of your weed control system where appropriate.
- Use the labeled rate for the most difficult weed in the site. Avoid tank mixtures with other herbicides that reduce this product's efficacy (through antagonism) or with tank mixtures that encourage rates of this product below those specified on this label.
- Control weed escapes and prevent weeds from setting seeds.
- Clean equipment before moving from site to site to minimize spread of weed seed.
- Use new commercial seed as free of weed seed as possible.
- Report any incidence of repeated non-performance of this product on a particular weed to your Monsanto representative, local retailer, or county extension agent.

5.2 Management Recommendations for Glyphosate-Resistant Weed Biotypes

NOTE: Appropriate testing is critical in order to confirm weed resistance to glyphosate. Contact your Monsanto representative to determine if resistance in any particular weed biotype in your area has been confirmed. Control recommendations for biotypes confirmed as resistant to glyphosate are made available on separately published supplemental

labeling or Fact Sheets for this product and may be obtained from your local retailer or Monsanto representative.

Since the occurrence of new glyphosate-resistant weeds cannot be determined until after product use and scientific confirmation, Monsanto Company is not responsible for any losses that may result from the failure of this product to control glyphosate-resistant weed biotypes.

The following good weed management practices are recommended to reduce the spread of confirmed glyphosate-resistant biotypes:

- If a naturally occurring resistant biotype is present at your site, this product may be tank mixed or applied sequentially with an appropriately labeled herbicide with a different mode of action to achieve control.
- Cultural and mechanical control practices may also be used as appropriate.
- Scout treated sites after herbicide applications and control weed escapes of resistant biotypes before they set seed.
- Thoroughly clean equipment before leaving sites known to contain resistant biotypes.

6.0 MIXING

Clean sprayer parts immediately after using this product by thoroughly flushing with water.

NOTE: REDUCED RESULTS MAY OCCUR IF WATER CONTAINING SOIL IS USED, SUCH AS VISIBLY MUDDY WATER OR WATER FROM PONDS AND DITCHES THAT IS NOT CLEAR.

6.1 Mixing with Water

This product mixes readily with water. Mix spray solutions of this product as follows: Fill the mixing or spray tank with the required amount of water. Add the labeled amount of this product near the end of the filling process and mix well. Use caution to avoid siphoning back into the carrier source. Use approved anti-back-siphoning devices where required by state or local regulations. During mixing and application, foaming of the spray solution may occur. To prevent or minimize foam, avoid the use of mechanical agitators, terminate by-pass and return lines at the bottom of the tank and, if needed, use an approved anti-foam or defoaming agent.

6.2 Tank Mixtures

When this product is tank mixed with other products, refer to the tank-mix product labels for approved non-crop sites and application rates. Read and carefully observe the cautionary statements and all other information appearing on the labels of all herbicides used. Use according to the most restrictive precautionary statements for each product in the mixture. Any labeled rate of this product may be used in a tank mix.

When this label lists a tank mixture with a generic active ingredient such as diuron, 2,4-D, or dicamba, the user is responsible for ensuring the mixture product label allows the specific application.

Buyer and all users are responsible for all loss or damage in connection with the use or handling of mixtures of this product with herbicides or other materials that are not expressly listed in this label. Mixing this product with herbicides or other materials not specified on this label may result in reduced performance.

6.3 Tank Mixing Procedure

When tank mixing, read and carefully observe label directions, cautionary statements and all information on the labels of all products used. Add the tank-mix product to the tank as directed by the label. Maintain agitation and add the labeled amount of this product.

Maintain good agitation at all times until the contents of the tank are sprayed. If the spray mixture is allowed to settle, thorough agitation is required to resuspend the mixture before spraying is resumed.

Keep by-pass line on or near the bottom of the tank to minimize foaming. Screen size in nozzle or line strainers should be no finer than 50-mesh.

Always predetermine the compatibility of labeled tank mixtures of this product with water carrier by mixing small proportional quantities in advance. Ensure that the specific tank mixture product is registered for application at the desired site.

Refer to the "Tank Mixtures" section for additional precautions.

6.4 Mixing Percent Solutions

Prepare the desired volume of spray solution by mixing the amount of this product in water as shown in the following table:

Spray Solution

Desired Volume	Amount of AquaMaster herbicide					
	0.5%	0.75%	1%	1.5%	4%	8%
1 gal	2/3 oz	1 oz	1.3 oz	2 oz	5 oz	10 oz
25 gal	1 pt	1.5 pt	1 qt	1.5 qt	4 qt	2 gal
100 gal	2 qt	3 qt	1 gal	1.5 gal	4 gal	8 gal

2 tablespoons = 1 fluid ounce

For use in backpack, knapsack or pump-up sprayers, it is suggested that the amount of this product be mixed with water in a larger container. Fill sprayer with the mixed solution.

6.5 Surfactant

This product requires the use of a nonionic surfactant unless otherwise specified. When using this product, unless otherwise specified, mix 2 or more quarts of a nonionic surfactant per 100 gallons of spray solution. Increasing the rate of surfactant may enhance performance. Examples of when to use the higher surfactant rate include, but are not limited to: hard to control woody brush, trees and vines, high water volumes, adverse environmental conditions, tough to control weeds, weeds under stress, surfactants with less than 70 percent active ingredient, tank mixes, etc. These surfactants should not be used in excess of 1 quart per acre when making broadcast applications. Always read and follow the manufacturer's surfactant label for best results. Carefully observe all cautionary statements and other information appearing in the surfactant label.

6.6 Colorants or Dyes

Approved colorants or marking dyes may be added to this product. Colorants or dyes used in spray solutions of this product may reduce performance, especially at lower rates or dilution. Use colorants or dyes according to the manufacturer's instructions.

6.7 Drift Reduction Additives

Drift reduction additives may be used with all equipment types, except wiper applicators, and sponge bars. When a drift reduction additive is used, read and carefully observe the precautionary statements and all other information appearing on the additive label. The use of drift reduction additives can affect spray coverage which may result in reduced performance.

7.0 APPLICATION EQUIPMENT AND TECHNIQUES

Do not apply this product through any type of irrigation system.

APPLY THESE SPRAY SOLUTIONS IN PROPERLY MAINTAINED AND CALIBRATED EQUIPMENT CAPABLE OF DELIVERING DESIRED VOLUMES.

SPRAY DRIFT MANAGEMENT

AVOID DRIFT. EXTREME CARE MUST BE USED WHEN APPLYING THIS PRODUCT TO PREVENT INJURY TO DESIRABLE PLANTS AND CROPS.

Do not allow the herbicide solution to mist, drip, drift or splash onto desirable vegetation since minute quantities of this product can cause severe damage or destruction to the crop, plants or other areas on which treatment was not intended.

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment- and weather-related factors determines the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

7.1 Aerial Equipment

DO NOT APPLY THIS PRODUCT USING AERIAL SPRAY EQUIPMENT EXCEPT UNDER CONDITIONS AS SPECIFIED WITHIN THIS LABEL.

FOR AERIAL APPLICATION IN CALIFORNIA, REFER TO THE FEDERAL SUPPLEMENTAL LABELING FOR AERIAL APPLICATIONS IN THAT STATE OR COUNTY FOR SPECIFIC INSTRUCTIONS, RESTRICTIONS AND REQUIREMENTS.

This product, when tank mixed with dicamba, may not be applied by air in California. Only 2,4-D amine formulations may be applied by air in California.

TO PREVENT INJURY TO ADJACENT DESIRABLE VEGETATION, APPROPRIATE BUFFER ZONES MUST BE MAINTAINED.

Avoid direct application to any body of water.

Use the labeled rates of this herbicide in 3 to 25 gallons of water per acre.

Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices.

AERIAL SPRAY DRIFT MANAGEMENT

The following drift management requirements must be followed to avoid off-target drift movement from aerial applications to agricultural field crops. These requirements do not apply to public health uses.

1. The distance of the outermost nozzles on the boom must not exceed 3/4 the length of the wingspan or rotor.
2. Nozzles must always point backward parallel with the air stream and never be pointed downwards more than 45 degrees. Where states have more stringent regulations, they should be observed.

Importance of Droplet Size

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly, or under unfavorable environmental conditions (see

the "Wind", "Temperature and Humidity", and "Temperature Inversions" sections of this label).

Controlling Droplet Size

- **Volume:** Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with the higher rated flows produce larger droplets.
- **Pressure:** Use the lower spray pressures recommended for the nozzle. Higher pressure reduces droplet size and does not improve canopy penetration. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.
- **Number of nozzles:** Use the minimum number of nozzles that provide uniform coverage.
- **Nozzle orientation:** Orienting nozzles so that the spray is released backwards, parallel to the air stream, will produce larger droplets than other orientations. Significant deflection from the horizontal will reduce droplet size and increase drift potential.
- **Nozzle type:** Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce larger droplets than other nozzle types.
- **Boom length:** For some use patterns, reducing the effective boom length to less than 3/4 of the wingspan or rotor length may further reduce drift without reducing swath width.
- **Application height:** Applications should not be made at a height greater than 10 feet above the top of the largest plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces the exposure of the droplets to evaporation and wind.

Swath Adjustment

When applications are made with a crosswind, the swath will be displaced downwind. Therefore, on the up and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance should increase, with increasing drift potential (higher wind, smaller droplets, etc.).

Wind

Drift potential is lowest between wind speeds of 2 to 10 miles per hour. However, many factors, including droplet size and equipment type determine drift potential at any given speed. Application should be avoided below 2 miles per hour due to variable wind direction and high inversion potential. **NOTE:** Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect drift.

Temperature and Humidity

Set up equipment to produce larger droplets when making applications in low relative humidity to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

Temperature Inversions

Applications should not occur during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

Sensitive Areas

This product should only be applied when the potential for drift to adjacent sensitive areas (e.g., residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g., when wind is blowing away from the sensitive areas).

Aircraft Maintenance

PROLONGED EXPOSURE OF THIS PRODUCT TO UNCOATED STEEL SURFACES MAY RESULT IN CORROSION AND POSSIBLE FAILURE OF THE PART. The maintenance of an organic coating (paint) which meets aerospace specification MIL-C-38413 may prevent corrosion. To prevent corrosion of exposed parts, thoroughly wash aircraft after each day of spraying to remove residues of this product accumulated during spraying or from spills. Landing gear is most susceptible.

7.2 Ground Broadcast Equipment

For broadcast ground applications, unless otherwise specified in this label or in separate supplemental labeling or Fact Sheets published by Monsanto, use this product at the rate of 1.5 to 3 pints per acre for annual weeds, 3 to 7.5 pints per acre for perennial weeds and 3 to 7.5 pints per acre for woody brush and trees. When used according to label directions this product will give control or partial control of herbaceous weeds, woody brush and trees listed in the "WEEDS CONTROLLED" section of this label.

Use the labeled rates of this product in 3 to 40 gallons of water per acre as a broadcast spray unless otherwise specified. As density of weeds increases, spray volume should be increased within the labeled range to ensure complete coverage. Carefully select proper nozzles to avoid spraying a fine mist. For best results with ground application equipment, use flat-fan nozzles. Check spray pattern for even distribution of spray droplets.

7.3 Hand-Held Equipment

Apply to foliage of vegetation to be controlled. For applications made on a spray-to-wet basis, spray coverage should be uniform and complete. Do not spray to the point of runoff. Use coarse sprays only.

For control of weeds listed in the "Annual Weeds" section of "WEEDS CONTROLLED", apply a 0.5-percent solution of this product to weeds less than 6 inches in height or runner length. For annual weeds over 6 inches tall, or unless otherwise specified, use a 1-percent solution. Apply prior to seedhead formation in grass or bud formation in broadleaf weeds.

For best results, use a 1.5-percent solution on harder-to-control perennials, woody vines, brush and trees. Make applications to perennials after seedhead emergence in grasses or bud formation in broadleaf weeds, woody brush and trees for best results.

For low-volume directed spray applications, use a 4- to 8-percent solution of this product for control or partial control of annual weeds, perennial weeds, or woody brush and trees. Spray coverage should be uniform with at least 50 to 75 percent of the foliage contacted. Coverage of the top one half of the plant is important for best results. If a straight stream nozzle is used, start the application at the top of the targeted vegetation and spray from top to bottom in a lateral zigzag motion. For flat-fan and cone nozzles and with hand-directed mist blowers, mist the application over the foliage of the targeted vegetation. To ensure adequate spray coverage, spray both sides of large or tall woody brush and trees, when foliage is thick and dense, or where there are multiple sprouts. For best results, apply to actively growing woody brush and trees after full leaf expansion and before fall color and leaf drop.

Unless otherwise specified, use the rates listed in the following "Application Rates" table for various methods of foliar application using high-volume, backpack, knapsack and similar types of hand-held equipment. When used according to label directions this product will give control or partial control of herbaceous weeds, woody brush and trees listed in the "WEEDS CONTROLLED" section of this label.

Application Rates

APPLICATION	AQUAMASTER HERBICIDE	SPRAY VOLUME GALLONS/ACRE
SPRAY-TO-WET		
Handgun or Backpack	0.5 to 1.5% by volume	spray-to-wet*
LOW-VOLUME DIRECTED SPRAY		
Backpack	4 to 8% by volume	15 to 25**
Modified High-Volume	1.5 to 3% by volume	40 to 60**

*For applications made on a spray-to-wet basis, spray coverage should be uniform and complete. Do not spray to the point of runoff.

**Low-volume directed applications with backpacks work best when treating weeds and brush less than 10 feet tall. For taller weeds and brush, high-volume handguns can be modified by reducing nozzle size and spray pressure to produce a low-volume directed spray.

7.4 Selective Equipment

This product may be applied through shielded applicators, hooded sprayers, wiper applicators or sponge bars, after dilution and thorough mixing with water, to listed weeds growing in any aquatic or non-crop site specified on this label.

AVOID CONTACT OF HERBICIDE WITH DESIRABLE VEGETATION, AS SERIOUS INJURY OR DEATH IS LIKELY TO OCCUR.

Applicators used above desired vegetation should be adjusted so that the lowest spray stream or wiper contact point is at least 2 inches above the desirable vegetation. Droplets, mist, foam or splatter of the herbicide solution settling on desirable vegetation is likely to result in discoloration, stunting or destruction.

Better results may be obtained when more of the weed is exposed to the herbicide solution. Weeds not contacted by the herbicide solution will not be affected. This may occur in dense clumps, severe infestations or when the height of the weeds varies so that not all weeds are contacted. In these instances, repeat treatment may be necessary.

Shielded and Hooded Applicators

A shielded or hooded applicator directs the herbicide solution onto weeds, while shielding desirable vegetation from the herbicide. Use nozzles that provide uniform coverage within the treated area. Keep shields on these sprayers adjusted to protect desirable vegetation. **EXTREME CARE MUST BE EXERCISED TO AVOID CONTACT OF HERBICIDE WITH DESIRABLE VEGETATION.**

Wiper Applicators and Sponge Bars

Wiper applicators are devices that physically wipe appropriate amounts of this product directly onto the weed.

Equipment must be designed, maintained and operated to prevent the herbicide solution from contacting desirable vegetation. Operate this equipment at ground speeds no greater than 5 miles per hour. Performance may be improved by reducing speed in areas of heavy weed infestations to ensure adequate wiper saturation. Better results may be obtained if 2 applications are made in opposite directions.

Avoid leakage or dripping onto desirable vegetation. Adjust height of applicator to ensure adequate contact with weeds. Keep wiping surfaces clean. Be aware that, on sloping ground, the herbicide solution may migrate, causing dripping on the lower end and drying of the wicks on the upper end of a wiper applicator.

Do not use wiper equipment when weeds are wet.

Mix only the amount of solution to be used during a 1-day period, as reduced activity may result from the use of leftover solutions. Clean wiper parts immediately after using this product by thoroughly flushing with water.

Nonionic surfactant at a rate of 10 percent by volume of total herbicide solution is recommended with all wiper applications.

For Rope or Sponge Wick Applicators—Solutions ranging from 33 to 75 percent of this product in water may be used.

For Panel Applicators—Solutions ranging from 33 to 100 percent of this product in water may be used in panel wiper applicators.

8.0 SITE AND USE INSTRUCTIONS

Unless otherwise specified, applications may be made to control any weeds listed in the "Annual Weeds", "Perennial Weeds" and "Woody Brush and Trees" rate tables. Refer also to the "Selective Equipment" section.

8.1 Aquatic Sites

This product may be applied to emerged weeds in all bodies of fresh and brackish water which may be flowing, nonflowing or transient. This includes lakes, rivers, streams, ponds, estuaries, rice levees, seeps, irrigation and drainage ditches, canals, reservoirs, wastewater treatment facilities, wildlife habitat restoration and management areas.

This product may also be used to control the labeled weeds, woody brush and trees growing in other terrestrial non-crop sites listed on this label or in aquatic sites within these areas.

If aquatic sites are present in a non-crop area and are part of the intended treatment, read and observe the following directions:

This product does not control plants which are completely submerged or have a majority of their foliage under water.

There is no restriction on the use of treated water for irrigation, recreation or domestic purposes.

Consult local state fish and game agency and water control authorities before applying this product to public water. Permits may be required to treat such water.

NOTE: Do not apply this product directly to water within 0.5 mile upstream of an active potable water intake in flowing water (i.e., river, stream, etc.) or within 0.5 mile of an active potable water intake in a standing body of water such as lake, pond or reservoir. To make aquatic applications around and within 0.5 mile of active potable water intakes, the water intake must be turned off for a minimum period of 48 hours after the application. The water intake may be turned on prior to 48 hours if the glyphosate level in the intake water is below 0.7 parts per million as determined by laboratory analysis. These aquatic applications may be made ONLY in those cases where there are alternative water sources or holding ponds which would permit the turning off of an active potable water intake for a minimum period of 48 hours after the applications. This restriction does NOT apply to intermittent inadvertent overspray of water in terrestrial use sites.

For treatments after drawdown of water or in dry ditches, allow 7 or more days after treatment before reintroduction of water to achieve maximum weed control. Apply this product within 1 day after drawdown to ensure application to actively growing weeds.

Floating mats of vegetation may require retreatment. Avoid wash-off of sprayed foliage by spray boat or recreational boat backwash or by rainfall within 6 hours of application. Do not retreat within 24 hours following the initial treatment.

Applications made to moving bodies of water must be made while traveling upstream to prevent concentration of this herbicide in water. When making any bankside applications, do not overlap more than 1 foot into open water. Do not spray in bodies of water where weeds do not exist. The maximum application rate of 7.5 pints per acre must not be exceeded in any single broadcast application that is being made over water except as follows, where any labeled rate may be applied:

- Stream crossings in utility rights-of-way.
- Where applications will result in less than 20 percent of the total water area being treated.

When emerged infestations require treatment of the total surface area of impounded water, treating the area in strips may avoid oxygen depletion due to decaying vegetation. Oxygen depletion may result in fish kill.

Tank Mixtures

Tank mixtures of this product plus 2,4-D amine may be used to increase the spectrum of vegetation controlled in aquatic sites. Use 1.5 to 2 pints of this product plus 1 to 2 quarts of 2,4-D amine (4 pounds active ingredient per gallon, labeled for aquatic sites) for control of annual weeds. Use 3 to 7.5 pints of this product plus 2 to 4 quarts of 2,4-D amine (4 pounds active ingredient per gallon, labeled for aquatic sites) for control or partial control of perennial weeds, woody brush and trees.

When tank mixing, read and carefully observe the label claims, cautionary statements and all information on the labels of all products used. Use according to the most restrictive precautionary statements for each product in the mixture. Mix in the following sequence: Fill sprayer tank one-half full with water, add AquaMaster herbicide, then 2,4-D amine and finally surfactant. Fill sprayer tank to final volume of water.

NOTE: DO NOT MIX AQUAMASTER HERBICIDE AND 2,4-D AMINE CONCENTRATES WITHOUT WATER CARRIER. DO NOT MIX AQUAMASTER HERBICIDE AND 2,4-D AMINE IN BYPASS INJECTOR-TYPE SPRAY EQUIPMENT.

For Control of Cordgrass (*Spartina spp.*)

The presence of debris and silt on the surface of cordgrass plants will reduce product performance. It may be necessary to wash targeted plants prior to application to improve herbicide uptake. Where cordgrass has been cut or mowed prior to application, allow significant regrowth before application to ensure adequate interception and uptake of the herbicide solution. Rainfall within 2 hours or immersion within 4 hours after application may reduce effectiveness.

Prior to application, survey the areas to be treated to determine if shellfish beds exist within the intended treatment area. Wait either until shellfish have been harvested before application is made or do not harvest shellfish for 14 days following treatment.

Add 1 to 2 quarts or more of nonionic surfactant or other adjuvant approved for use on aquatic sites and compatible with this product per 100 gallons of spray solution for broadcast applications (ground or air) and when using optical sensing application equipment.

Do not apply this product through any type of irrigation system.

APPLICATION: Under ideal application conditions, that is, where silt and debris are not present on plant surfaces, good spray coverage is achievable, target plants are actively growing and labeled rates and application volumes are used, allow at least 4 hours drying time before plants are covered by tidewater. Where one or more of these conditions are not met, schedule applications to allow at least 5 hours drying time before plants are covered by tidewater. Do not apply when wind speed at the application site exceed 10 miles per hour.

Broadcast Application (Ground): Apply 2 to 8 quarts of this herbicide in 5 to 100 gallons of spray solution per acre. For best results, complete coverage of cordgrass clumps is required.

Broadcast Application (Ground/Optical Sensing Application Equipment): Apply 2 to 8 quarts of this product in 5 to 100 gallons of spray solution per acre using equipment designed and calibrated to deliver spray solution only when cordgrass plants are present and detected by optical sensors. For best results, complete coverage of cordgrass clumps is required.

Hand-Held Backpack or High-Volume Equipment: Apply a 5 to 8 percent solution of this product. Ensure that complete coverage of cordgrass clumps is achieved. Do not spray to the point of runoff.

Broadcast Application (Air): Apply 2 to 8 quarts of this product in 5 to 10 gallons of spray solution per acre. Maintain at least a 50-foot buffer between commercial shellfish beds and treated areas. The potential for spray drift is dependent upon weather- and equipment-related factors. The applicator must be familiar with local wind patterns and monitor and record temperature and wind speed prior to and periodically during application. Schedule application in order to allow at least 5 hours before treated plants are covered by tidewater.

For Control of Giant Salvinia

For control of Giant Salvinia, this product may be applied as a 2.0% v/v spray-to-wet solution with 0.5 to 2.0% v/v of a nonionic surfactant containing at least 70 percent active ingredient. Ensure thorough coverage when using spray-to-wet treatments using hand-held equipment.

For broadcast applications, apply 3 to 3.75 quarts of this product with an aquatic approved surfactant system containing 0.1% v/v nonionic organosilicone and 0.25% v/v nonionic spreader sticker surfactant in 3 to 40 gallons per acre as a broadcast treatment.

Allow at least 3 days after application before disturbing treated vegetation. This product does not control plants which are completely submerged or have a majority of their foliage under water.

8.2 Hollow Stem Injection

This product may be applied through hand-held injection devices that deliver labeled amounts of this product into targeted hollow stem plants growing in any aquatic or non-crop site specified on this label. For control of the following hollow stem plants, follow the use instructions below:

Castorbean (*Ricinus communis*)

Inject 4 mL/plant of this product into the lower portion of the main stem.

Hemlock, Poison (*Conium maculatum*)

Inject one leaf cane per plant 10 to 12 inches above root crown with 5 mL of a 5% v/v solution of this product.

Hogweed, Giant (*Heracleum mantegazzianum*)

Inject one leaf cane per plant 12 inches above root crown with 5 mL of a 5% v/v solution of this product.

Horsetail, Field (*Equisetum arvense*)

Inject one segment above the root crown with 0.5 mL/stem of this product. Use a small syringe that calibrates to this rate.

Iris, Yellow Flag (*Iris pseudocorus*)

Cut flower stems with clippers 8 to 9 inches above the root crown. Use a cavity needle that is pushed into the stem center and then slowly removed as 0.5 mL/stem of this product is injected into the stem.

Knotweed, Bohemian (*Polygonum bohemicum*),

Knotweed, Giant (*Polygonum sachalinense*), and

Knotweed, Japanese (*Polygonum cuspidatum*)

Inject 5 mL/stem of this product between second and third internode.

Reed, Giant (*Arundo donax*)

Inject 6 mL/stem of this product between second and third internode.

Thistle, Canada (*Cirsium arvense*)

Cut 8 to 9 of the tallest plants at bud stage in a clump with clippers. Use a cavity needle that is pushed into the stem center and then slowly removed as 0.5 mL/stem of this product is injected into the stem.

NOTE: Based on the maximum annual use rate of glyphosate for these non-crop sites, the combined total for all treatments must not exceed 8 quarts of this product per acre. At 5 mL per stem, 8 quarts should treat approximately 1500 stems.

8.3 Cut Stump

Cut stump treatments may be made on any site listed on this label. This product will control many types of woody brush and tree species. Apply this product using suitable equipment to ensure coverage of the entire cambium. Cut trees or resprouts close to the soil surface. Apply a 50- to 100-percent solution of this product to the freshly-cut surface immediately after cutting. Delays in application may result in reduced performance. For best results, applications should be made during periods of active growth and full leaf expansion.

For control of *Ailanthus altissima* (Tree-of-heaven) make a cut stump treatment according to the directions in this section using a spray mixture of 50 percent AquaMaster herbicide and 10 percent Arsenal.

DO NOT MAKE CUT STUMP APPLICATIONS WHEN THE ROOTS OF DESIRABLE WOODY BRUSH OR TREES MAY BE GRAFTED TO THE ROOTS OF THE CUT STUMP. Some sprouts, stems, or trees may share the same root system. Adjacent trees having a similar age, height and spacing may signal shared roots. Whether grafted or shared, injury is likely to occur to non-treated stems/trees when one or more trees sharing common roots are treated.

8.4 General Non-crop Areas and Industrial Sites

Use in areas such as airports, apartment complexes, commercial sites, ditch banks, driveways, dry ditches, dry canals, fencerows, forestry sites, golf courses, greenhouses, industrial sites, lumber yards, manufacturing sites, municipal sites, natural areas, office complexes, ornamentals, parks, parking areas, pastures, petroleum tank farms and pumping installations, railroads, rangeland, recreational areas, residential areas, rights-of-way, roadsides, schools, sod or turf seed farms, sports complexes, storage areas, substations, utility sites, warehouse areas, and wildlife management areas.

General Weed Control, Trim-and-Edge and Bare Ground

This product may be used in general non-crop areas. It may be applied with any application equipment described in this label. This product may be used to trim-and-edge around objects in non-crop sites, for spot treatment of unwanted vegetation and to eliminate unwanted weeds growing in established shrub beds or ornamental plantings. This product may be used prior to planting an area to ornamentals, flowers, turfgrass (sod or seed), or prior to laying asphalt or beginning construction projects.

Repeated applications of this product may be used, as weeds emerge, to maintain bare ground.

TANK MIXTURES: This product may be tank mixed with the following products. Refer to these product labels for approved non-crop sites and application rates. Read and carefully observe the cautionary statements and all other information appearing on the labels of all herbicides used. Use according to the most restrictive precautionary statements for each product in the mixture.

Arsenal	Outrider®
Barricade 65WG	Pendulum 3.3 EC
Certainty®	Pendulum WDG
diuron*	Plateau
Endurance	Princep DF
Escort XP	Princep Liquid
Garlon 3A	Ronstar 50 WP
Garlon 4	Sahara
Hyvar X	simazine*
Karmex	Surflan
Krovar I DF	Telar
Oust XP	2,4-D*

*User is responsible for ensuring that tank mixtures with products containing this generic active ingredient may be made provided the specific product is registered for this use.

This product plus dicamba tank mixtures may not be applied by air in California.

Brush Control Tank Mixtures

TANK MIXTURES: Tank mixtures of this product may be used to increase the spectrum of control for herbaceous weeds, woody brush and trees. When tank mixing, read and carefully observe the label claims, cautionary statements and all information on the labels of all products used. Use according to the most restrictive precautionary statements for each product in the mixture. Any labeled rate of this product may be used in a tank mix.

For control of herbaceous weeds, use the lower tank mixture rates. For control of dense stands or tough-to-control woody brush and trees, use the higher rates.

NOTE: For side trimming treatments, this product may be used alone or in tank mixture with Garlon 4.

PRODUCT
Arsenal
Escort XP
Garlon 3A*
Garlon 4

*Ensure that Garlon 3A is thoroughly mixed with water according to label directions before adding this product. Have spray mixture agitating at the time this product is added to avoid spray compatibility problems.

8.5 Habitat Management

Habitat Restoration and Management

This product may be used to control exotic and other undesirable vegetation in habitat management and natural areas, including riparian and estuarine areas, rangeland and wildlife refuges. Applications can be made to allow recovery of native plant species, prior to planting desirable native species, and for similar broad-spectrum vegetation control requirements. Spot treatments can be made to selectively remove unwanted plants for habitat management and enhancement.

Wildlife Food Plots

This product may be used as a site preparation treatment prior to planting wildlife food plots. Any wildlife food species may be planted after applying this product, or native species may be allowed to repopulate the area. If tillage is needed to prepare a seedbed, wait 7 days after application before tillage to allow translocation into underground plant parts.

8.6 Injection and Frill (Woody Brush and Trees)

This product may be used to control woody brush and trees by injection or frill applications. Apply this product using suitable equipment that must penetrate into the living tissue. Apply 1 mL of this product per each 2 to 3 inches of trunk diameter at breast height (DBH). This is best achieved by applying a 50- to 100-percent concentration of this product either to a continuous frill around the tree or as cuts evenly spaced around the tree below all branches. As tree diameter increases in size, better results are achieved by applying diluted material to a continuous frill or more closely spaced cuttings. Avoid application techniques that allow runoff to occur from frilled or cut areas in species that exude sap freely. In species such as this, make the frill or cuts at an oblique angle to produce a cupping effect and use a 100-percent concentration of this product. For best results, application should be made during periods of active growth and after full leaf expansion.

8.7 Roadsides

All of the instructions in the "General Non-Crop Areas and Industrial Sites" section apply to roadsides.

Shoulder Treatments

This product may be used on road shoulders. It may be applied with boom sprayers, shielded boom sprayers, high-volume off-center nozzles, hand-held equipment, and similar equipment.

Guardrails and Other Obstacles to Mowing

This product may be used to control weeds growing under guardrails and around signposts and other objects along the roadside.

Spot Treatment

This product may be used as a spot treatment to control unwanted vegetation growing along roadsides.

TANK MIXTURES: This product may be tank mixed with the following products for shoulder, guardrail, spot and bare ground treatments, provided that the specific tank mixture product is registered for use on such sites. Refer to these product labels for approved non-crop sites and application rates. Read and carefully observe the cautionary statements and all other information appearing on the labels of all herbicides used. Use according to the most restrictive precautionary statements for each product in the mixture.

atrazine*	Landmark MP	Sahara DG
Crossbow L	Landmark XP	simazine*
dicamba*	Oust XP	Surflan AS
diuron*	Outrider	Surflan WDG
Endurance	pendimethalin*	Telar DF
Escort XP	Plateau	Velpar DF
Gallery 75 DF	Plateau DG	Velpar L
Krovar I DF	Poast	2,4-D*
Landmark II MP	Ronstar 50 WSP	

*User is responsible for ensuring that tank mixtures with products containing this generic active ingredient may be made provided the specific product is registered for this use.

See the "MIXING" section of this label for general instructions for tank mixing.

Release of Bermudagrass or Bahiagrass

Dormant Applications

This product may be used to control or partially control many winter annual weeds and tall fescue for effective release of dormant bermudagrass or bahiagrass. Treat only when turf is dormant and prior to spring greenup. This product may also be tank mixed with Outrider herbicide or Oust XP for residual control. Tank mixtures of this product with Oust XP may delay greenup.

For best results on winter annuals, treat when plants are in an early growth stage (below 6 inches in height) after most have germinated. For best results on tall fescue, treat when fescue is at or beyond the 4- to 6-leaf stage.

Apply 6 to 48 ounces of this product in a tank mixture with 0.75 to 1.33 ounces Outrider herbicide per acre. Read and follow all label directions for Outrider herbicide.

TANK MIXTURES: Apply 6 to 48 fluid ounces of this product per acre alone or in a tank mixture with 0.25 to 1 ounce per acre of Oust XP. Apply the labeled rates in 10 to 40 gallons of water per acre. Use only in areas where bermudagrass or bahiagrass are desirable ground covers and where some temporary injury or discoloration can be tolerated. To avoid delays in greenup and minimize injury, add no more than 1 ounce of Oust XP per acre on bermudagrass and no more than 0.5 ounce of Oust XP per acre on bahiagrass and avoid treatments when these grasses are in a semi-dormant condition.

Actively Growing Bermudagrass

This product may be used to control or partially control many annual and perennial weeds for effective release of actively growing bermudagrass. Apply 12 to 36 fluid ounces of this product in 10 to 40 gallons of spray solution per acre. Use the lower rate when treating annual weeds below 6 inches in height (or runner length). Use the higher rate as weeds increase in size or as they approach flower or seedhead formation. These rates will also provide partial control of the following perennial species:

Bahiagrass	Johnsongrass
Bluestem, silver	Trumpetcreeper
Fescue, tall	Vaseygrass

This product may be tank mixed with Outrider herbicide for control or partial control of Johnsongrass and other weeds listed in the Outrider herbicide label. Use 6 to 24 ounces of this product with 0.75 to 1.33 ounces of Outrider herbicide. Use the higher rates of both products for control of perennial weeds or annual weeds greater than 6 inches in height.

TANK MIXTURES: This product may be tank mixed with Oust XP. If tank mixed, use no more than 12 to 24 fluid ounces of this product with 1 to 2 ounces of Oust XP per acre. Use the lower rates of each product to control annual weeds less than 6 inches in height (or runner length) that are listed in this label and the Oust XP label. Use the higher rates as annual weeds increase in size and approach the flower or seedhead stages. These rates will also provide partial control of the following perennial weeds:

Bahiagrass	Fescue, tall
Bluestem, silver	Johnsongrass
Broomsedge	Poorjoe
Dallisgrass	Trumpetcreeper
Dock, curly	Vaseygrass
Dogfennel	Vervain, blue

Use only on well-established bermudagrass. Bermudagrass injury may result from the treatment, but regrowth will occur under moist conditions. Repeat applications of the tank mix in the same season are not recommended, since severe injury may occur.

Actively Growing Bahiagrass

For suppression of vegetative growth and seedhead inhibition of bahiagrass for approximately 45 days, apply 4 fluid ounces of this product in 10 to 40 gallons of water per acre. Apply 1 to 2 weeks after full greenup or after mowing to a uniform height of 3 to 4 inches. This application must be made prior to seedhead emergence.

For suppression up to 120 days, apply 3 fluid ounces of this product per acre, followed by an application of 2 to 3 fluid ounces per acre about 45 days later. Make no more than 2 applications per year.

This product may be used for control or partial control of Johnsongrass and other weeds listed on the Outrider herbicide label in actively growing bahiagrass. Apply 1.5 to 3.5 fluid ounces of this product with 0.75 to 1.33 ounces of Outrider herbicide per acre. Use the higher rates for control of perennial weeds or annual weeds greater than 6 inches in height. Use only on well established bahiagrass.

TANK MIXTURES: A tank mixture of this product plus Oust XP may be used. Apply 4 fluid ounces of this product plus 0.25 ounce of Oust XP per acre 1 to 2 weeks following an initial spring mowing. Make only one application per year.

9.0 WEEDS CONTROLLED

Always use the higher rate of this product per acre within the labeled range when weed growth is heavy or dense or weeds are growing in an undisturbed (non-cultivated) area. Reduced results may occur when treating weeds heavily covered with dust. For weeds that have been mowed, grazed or cut, allow regrowth to occur prior to treatment.

Refer to the following label sections for application rates for the control of annual and perennial weeds and woody brush and trees. For difficult to control perennial weeds and woody brush and trees, where plants are growing under stressed conditions, or where infestations are dense, this product may be used at 4.5 to 8 quarts per acre for enhanced results.

9.1 Annual Weeds

Apply to actively growing annual grasses and broadleaf weeds.

Allow at least 3 days after application before disturbing treated vegetation. After this period the weeds may be mowed, tilled or burned. See the "GENERAL INFORMATION" and "MIXING" and "APPLICATION EQUIPMENT AND TECHNIQUES" sections for labeled uses and specific application instructions.

Use 1.5 pints per acre if weeds are less than 6 inches in height or runner length and 1 to 4 quarts per acre if weeds are over 6 inches in height or runner length or when weeds are growing under stressed conditions.

For spray-to-wet applications, apply a 0.5-percent solution of this product to weeds less than 6 inches in height or runner length. Apply prior to seedhead formation in grass or bud formation in broadleaf weeds. For annual weeds over 6 inches tall, or for smaller weeds growing under stressed conditions, use a 0.75- to 1.5-percent solution. Use the higher rate for tough-to-control species or for weeds over 24 inches tall.

WEED SPECIES

Anoda, spurred	Lamb's-quarters*
Balsamapple**	Lettuce, prickly*
Barley*	Mannagrass, eastern*
Barley, little*	Mayweed
Barnyardgrass*	Medusahead*
Bassia, fivehook	Morningglory (<i>Ipomoea spp</i>)
Bittercress*	Mustard, blue*
Bluegrass, annual*	Mustard, tansy*
Bluegrass, bulbous*	Mustard, tumble*
Brome, downy*	Mustard, wild*
Brome, Japanese*	Nightshade, black*
Broomsedge	Oats
Buttercup*	Panicum, browntop*
Castorbean	Panicum, fall*
Cheatgrass*	Panicum, Texas*
Cheeseweed (<i>Malva parviflora</i>)	Pennycress, field*
Chervil*	Pepperweed, Virginia*
Chickweed*	Pigweed*
Cocklebur*	Puncturevine
Copperleaf, hophornbeam	Purslane, common
Copperleaf, Virginia	Pusley, Florida
Coreopsis, plains/tickseed*	Ragweed, common*
Corn*	Ragweed, giant
Crabgrass*	Rice, red
Cupgrass, woolly*	Rocket, London*
Dwarfdandelion*	Rocket, yellow
Eclipta*	Rye*
Falsedandelion*	Ryegrass*
Falseflax, smallseed*	Sandbur, field*
Fiddleneck	Sesbania, hemp
Filaree	Shattercane*
Fleabane, annual*	Shepherd's-purse*
Fleabane, hairy (<i>Conyza bonariensis</i>)*	Sicklepod
Fleabane, rough*	Signalgrass, broadleaf*
Foxtail*	Smartweed, ladythumb*
Foxtail, Carolina*	Smartweed, Pennsylvania*
Geranium, Carolina	Sorghum, grain (milo)*
Goatgrass, jointed*	Sowthistle, annual
Goosegrass	Spanishneedles***
Groundsel, common*	Speedwell, corn*
Henbit	Speedwell, purslane*
Horseweed/Marestail (<i>Conyza canadensis</i>)	Sprangletop*
Itchgrass*	Spurge, annual
Johnsongrass, seedling	Spurge, prostrate*
Junglerice	Spurge, spotted*
Knotweed	Spurry, umbrella*
Kochia	Starthistle, yellow
	Stinkgrass*
	Sunflower*
	Teaweed/prickly sida

Thistle, Russian	Wild oats*
Velvetleaf	Witchgrass
Wheat*	

*When using field broadcast equipment (aerial applications or boom sprayers using flat-fan nozzles) these species will be controlled or partially controlled using 12 fluid ounces of this product per acre. Applications must be made using 3 to 10 gallons of carrier volume per acre. Use nozzles that ensure thorough coverage of foliage and treat when weeds are in an early growth stage.

**Apply with hand-held equipment only.

***Apply 3 pints of this product per acre.

9.2 Perennial Weeds

Best results are obtained when perennial weeds are treated after they reach the reproductive stage of growth (seedhead initiation in grasses and bud formation in broadleaves). For non-flowering plants, best results are obtained when the plants reach a mature stage of growth. In many situations, treatments are required prior to these growth stages. Under these conditions, use the higher application rate within the labeled range.

Ensure thorough coverage when using spray-to-wet treatments using hand-held equipment. When using hand-held equipment for low-volume directed spot treatments, apply a 4- to 8-percent solution of this product.

Allow 7 or more days after application before tillage. If weeds have been mowed or tilled, do not treat until regrowth has reached the specified stages. Fall treatments must be applied before a killing frost.

Repeat treatments may be necessary to control weeds regenerating from underground parts or seed.

WEED SPECIES	RATE (QT/A)	HAND-HELD % SOLUTION
Alfalfa*	0.7	1.5
Alligatorweed*	3.0	1.3
Anise (fennel)	1.5 – 3.0	1.0 – 1.5
Bahiagrass	2.3 – 3.75	1.5
Beachgrass, European (<i>Ammophila arenaria</i>)	–	3.5
Bentgrass*	1.0	1.5
Bermudagrass	4.0	1.5
Bermudagrass, water (knotgrass)	1.0	1.5
Bindweed, field	3.0 – 3.75	1.5
Bluegrass, Kentucky	1.5 – 2.3	0.75
Blueweed, Texas	3.0 – 3.75	1.5
Brackenfern	2.3 – 3.0	0.75 – 1.0
Bromegrass, smooth	1.5 – 2.3	0.75
Bursage, woolly-leaf	–	1.5
Canarygrass, reed	1.5 – 2.3	0.75
Cattail	2.3 – 3.75	0.75
Clover; red, white	2.3 – 3.75	1.5
Cogongrass	2.3 – 3.75	1.5
Cordgrass	2.3 – 3.75	1.0 – 2.0
Cutgrass, giant	3.0	1.0
Dallisgrass	2.3 – 3.75	1.5
Dandelion	2.3 – 3.75	1.5
Dock, curly	2.3 – 3.75	1.5
Dogbane, hemp	3.0	1.5
Fescue (except tall)	2.3 – 3.75	1.5
Fescue, tall	2.3	1.0
Guineagrass	2.3	0.75
Hemlock, poison	1.5 – 3.0	0.75 – 1.5
Horsenettle	2.3 – 3.75	1.5
Horseradish	3.0	1.5
Iceplant	1.5	1.5
Ivy; German, cape	1.5 – 3.0	0.75 – 1.5
Jerusalem artichoke	2.3 – 3.75	1.5
Johnsongrass	1.5 – 2.3	0.75
Kikuyugrass	1.5 – 2.3	0.75
Knapweed	3.0	1.5
Lantana	–	0.75 – 1.0
Lespedeza	2.3 – 3.75	1.5
Loosestrife, purple	2.0	1.0 – 1.5
Lotus, American	2.0	0.75
Maidencane	3.0	0.75
Milkweed, common	2.3	1.5
Muhly, wirestem	1.5 – 2.3	0.75
Mullein, common	2.3 – 3.75	1.5
Napiergrass	2.3 – 3.75	1.5
Nightshade, silverleaf	3.0 – 3.75	1.5
Nutsedge; purple, yellow	2.3	0.75
Orchardgrass	1.5 – 2.3	0.75
Pampasgrass	2.3 – 3.75	1.5

WEED SPECIES	RATE (QT/A)	HAND-HELD % SOLUTION
Paragrass	3.0	0.75
Pepperweed, perennial	3.0	1.5
Phragmites*	2.0–3.75	0.75–1.5
Quackgrass	1.5–2.3	0.75
Redvine*	1.5	1.5
Reed, giant (<i>Arundo donax</i>)	3.0–3.75	1.5
Ryegrass, perennial	1.5–2.3	0.75
Salvinia, giant	3.0–3.75	2.0
Smartweed, swamp	2.3–3.75	1.5
Spatterdock	3.0	0.75
Spurge, leafy*	–	1.5
Starthistle, yellow	–	1.5
Sweet potato, wild*	–	1.5
Thistle, artichoke	1.5–2.3	2.0
Thistle, Canada	1.5–2.3	1.5
Timothy	1.5–2.3	1.5
Torpedograss*	3.0–3.75	0.75–1.5
Trumpetcreeper*	1.5–2.3	1.5
Tules, common	–	1.5
Vaseygrass	2.3–3.75	1.5
Velvetgrass	2.3–3.75	1.5
Waterhyacinth	2.5–3.0	0.75–1.0
Waterlettuce	–	0.75–1.0
Waterprimrose	–	0.75
Wheatgrass, western	1.5–2.3	0.75

*Partial control

Alligatorweed—Apply 3 quarts of this product per acre as a broadcast spray or as a 1.3-percent solution with hand-held equipment to provide partial control of alligatorweed. Apply when most of the target plants are in bloom. Repeat applications will be required to maintain such control.

Beachgrass, European—Apply an 8-percent solution of this products plus 0.5- to 1.5-percent nonionic surfactant on a low-volume spray-to-wet basis. Best results are obtained when applications are made when European beachgrass is actively growing through the boot to the full heading stages of growth. Make applications prior to the loss of more than 50 percent green leaf color in the fall. Do not treat when weeds are under drought stress. Repeat applications may be necessary.

Bermudagrass—Apply 4 quarts of this product per acre as a broadcast spray or as a 1.5-percent solution with hand-held equipment. Apply when target plants are actively growing and when seed heads appear.

Bindweed, field / Silverleaf Nightshade / Texas Blueweed—Apply 3 to 3.75 quarts of this product per acre as a broadcast spray west of the Mississippi River and 2.3 to 3 quarts of this product per acre east of the Mississippi River. With hand-held equipment, use a 1.5-percent solution. Apply when target plants are actively growing and are at or beyond full bloom. For silverleaf nightshade, best results can be obtained when application is made after berries are formed. Do not treat when weeds are under drought stress. New leaf development indicates active growth. For best results apply in late summer or fall.

Brackenfern—Apply 2.3 to 3 quarts of this product per acre as a broadcast spray or as a 0.75- to 1-percent solution with hand-held equipment. Apply to fully expanded fronds which are at least 18 inches long.

Cattail—Apply 2.3 to 3 quarts of this product per acre as a broadcast spray or as a 0.75-percent solution with hand-held equipment. Apply when target plants are actively growing and are at or beyond the early-to-full bloom stage of growth. Best results are achieved when application is made during the summer or fall months.

Cogongrass—Apply 2.3 to 3.75 quarts of this product per acre as a broadcast spray. Apply when cogongrass is at least 18 inches tall and actively growing in late summer or fall. Allow 7 or more days after application before tillage or mowing. Due to uneven stages of growth and the dense nature of vegetation preventing good spray coverage, repeat treatments may be necessary to maintain control.

Cordgrass—Apply 2.3 to 3.75 quarts of this product per acre as a broadcast spray or as a 1- to 2-percent solution with hand-held equipment. Schedule applications in order to allow 6 hours before treated plants are covered by tidewater. The presence of debris and silt on the cordgrass plants will reduce performance. It may be necessary to wash targeted plants prior to application to improve uptake of this product into the plant.

Cutgrass, giant—Apply 3 quarts of this product per acre as a broadcast spray or as a 1-percent solution with hand-held equipment to provide partial control of giant cutgrass. Repeat applications will be required to maintain such control, especially where vegetation is partially submerged in water. Allow for substantial regrowth to the 7- to 10-leaf stage prior to retreatment.

Dogbane, hemp / Knapweed / Horseradish—Apply 3 quarts of this product per acre as a broadcast spray or as a 1.5-percent solution with hand-held equipment. Apply when target plants are actively growing and most have reached the late bud-to-flower stage of growth. For best results, apply in late summer or fall.

Fescue, tall—Apply 2.3 quarts of this product per acre as a broadcast spray or as a 1-percent solution with hand-held equipment. Apply when target plants are actively growing and most have reached the boot-to-head stage of growth. When applied prior to the boot stage, less desirable control may be obtained.

Guineagrass—Apply 2.3 quarts of this product per acre as a broadcast spray or as a 0.75-percent solution with hand-held equipment. Apply when target plants are actively growing and when most have reached at least the 7-leaf stage of growth.

Johnsongrass / Bluegrass, Kentucky / Bromegrass, smooth / Canarygrass, reed / Orchardgrass / Ryegrass, perennial / Timothy / Wheatgrass, western—Apply 1.5 to 2.3 quarts of this product per acre as a broadcast spray or as a 0.75-percent solution with hand-held equipment. Apply when target plants are actively growing and most have reached the boot-to-head stage of growth. When applied prior to the boot stage, less desirable control may be obtained. In the fall, apply before plants have turned brown.

Lantana—Apply this product as a 0.75- to 1-percent solution with hand-held equipment. Apply to actively growing lantana at or beyond the bloom stage of growth. Use the higher application rate for plants that have reached the woody stage of growth.

Loosestrife, purple—Apply 2 quarts of this product per acre as a broadcast spray or as a 1- to 1.5-percent solution using hand-held equipment. Treat when plants are actively growing at or beyond the bloom stage of growth. Best results are achieved when application is made during summer or fall months. Fall treatments must be applied before a killing frost.

Lotus, American—Apply 2 quarts of this product per acre as a broadcast spray or as a 0.75-percent solution with hand-held equipment. Treat when plants are actively growing at or beyond the bloom stage of growth. Best results are achieved when application is made during summer or fall months. Fall treatments must be applied before a killing frost. Repeat treatment may be necessary to control regrowth from underground parts and seeds.

Maldenecane / Paragrass—Apply 3 quarts of this product per acre as a broadcast spray or as a 0.75-percent solution with hand-held equipment. Repeat treatments will be required, especially to vegetation partially submerged in water. Under these conditions, allow for regrowth to the 7- to 10-leaf stage prior to retreatment.

Milkweed, common—Apply 2.3 quarts of this product per acre as a broadcast spray or as a 1.5-percent solution with hand-held equipment. Apply when target plants are actively growing and most have reached the late bud-to-flower stage of growth.

Nutsedge, purple, yellow—Apply 2.3 quarts of this product per acre as a broadcast spray, or as a 0.75-percent solution with hand-held equipment to control existing nutsedge plants and immature nutlets attached to treated plants. Apply when target plants are in flower or when new nutlets can be found at rhizome tips. Nutlets which have not germinated will not be controlled and may germinate following treatment. Repeat treatments will be required for long-term control.

Pampasgrass—Apply a 1.5-percent solution of this product with hand-held equipment when plants are actively growing.

Phragmites—For partial control of phragmites in Florida and the counties of other states bordering the Gulf of Mexico, apply 3.75 quarts per acre as a broadcast spray or apply a 1.5-percent solution with hand-held equipment. In other areas of the U.S., apply 2 to 3 quarts per acre as a broadcast spray or apply a 0.75-percent solution with hand-held equipment for partial control. For best results, treat during late summer or fall months when plants are actively growing and in full bloom. Due to the dense nature of the vegetation, which may prevent good spray coverage and uneven stages of growth, repeat treatments may be necessary to maintain control. Visual control symptoms will be slow to develop.

Quackgrass / Kikuyugrass / Muhly, wirestem—Apply 1.5 to 2.3 quarts of this product per acre as a broadcast spray or as a 0.75-percent solution with hand-held equipment when most quackgrass or wirestem muhly is at least 8 inches in height (3- to 4-leaf stage of growth) and actively growing. Allow 3 or more days after application before tillage.

Reed, giant / Ice Plant—For control of giant reed and ice plant, apply a 1.5-percent solution of this product with hand-held equipment when plants are actively growing. For giant reed, best results are obtained when applications are made in late summer to fall.

Salvinia, giant—Apply as a 2.0% v/v spray-to-wet solution with 0.5 to 2.0% v/v of a nonionic surfactant containing at least 70% active ingredient. For broadcast applications, apply 3 to 3.75 quarts of this product with an aquatic approved surfactant system containing 0.1% v/v nonionic organosilicone and 0.25% v/v nonionic spreader sticker surfactant in 3 to 40 gallons per acre as a broadcast treatment.

Spatterdock—Apply 3 quarts of this product per acre as a broadcast spray or as a 0.75-percent solution with hand-held equipment. Apply when most plants are in full bloom. For best results, apply during the summer or fall months.

Sweet potato, wild—Apply this product as a 1.5-percent solution using hand-held equipment. Apply to actively growing weeds that are at or beyond the bloom stage of growth. Repeat applications will be required. Allow the plant to reach the specified stage of growth before retreatment.

Thistle: Canada, artichoke—Apply 1.5 to 2.3 quarts of this product per acre as a broadcast spray or as a 1.5-percent solution with hand-held equipment for Canada thistle. To control artichoke thistle, apply a 2-percent solution as a spray-to-wet application. Apply when target plants are actively growing and are at or beyond the bud stage of growth.

Torpedograss—Apply 3 to 3.75 quarts of this product per acre as a broadcast spray or as a 0.75- to 1.5-percent solution with hand-held equipment to provide partial control of torpedograss. Use the lower rates under terrestrial conditions, and the higher rates under partially submerged or a floating mat condition. Repeat treatments will be required to maintain such control.

Tules, common—Apply this product as a 1.5-percent solution with hand-held equipment. Apply to actively growing plants at or beyond the seedhead stage of growth.

After application, visual symptoms will be slow to appear and may not occur for 3 or more weeks.

Waterhyacinth—Apply 2.5 to 3 quarts of this product per acre as a broadcast spray or apply a 0.75- to 1-percent solution with hand-held equipment. Apply when target plants are actively growing and at or beyond the early bloom stage of growth. After application, visual symptoms may require 3 or more weeks to appear with complete necrosis and decomposition usually occurring within 60 to 90 days. Use the higher rates when more rapid visual effects are desired.

Waterlettuce—For control, apply a 0.75- to 1-percent solution of this product with hand-held equipment to actively growing plants. Use higher rates where infestations are heavy. Best results are obtained from mid-summer through winter applications. Spring applications may require retreatment.

Waterprimrose—Apply this product as a 0.75-percent solution using hand-held equipment. Apply to plants that are actively growing at or beyond the bloom stage of growth, but before fall color changes occur. Thorough coverage is necessary for best control.

Other perennials listed on this label—Apply 2.3 to 3.75 quarts of this product per acre as a broadcast spray or as a 0.75- to 1.5-percent solution with hand-held equipment. Apply when target plants are actively growing and most have reached early head or early bud stage of growth.

9.3 Woody Brush and Trees

Apply this product after full leaf expansion, unless otherwise directed. Use the higher rate for larger plants and/or dense areas of growth. On vines, use the higher rate for plants that have reached the woody stage of growth. Best results are obtained when application is made in late summer or fall after fruit formation.

In arid areas, best results are obtained when applications are made in the spring to early summer when brush species are at high moisture content and are flowering.

Ensure thorough coverage when using spray-to-wet treatments using hand-held equipment. When using hand-held equipment for low-volume directed-spray spot treatments, apply a 4- to 8-percent solution of this product.

Symptoms may not appear prior to frost or senescence with fall treatments.

Allow 7 or more days after application before tillage, mowing or removal. Repeat treatments may be necessary to control plants regenerating from underground parts or seed. Some autumn colors on undesirable deciduous species are acceptable provided no major leaf drop has occurred. Reduced performance may result if fall treatments are made following a frost.

WEED SPECIES	BROADCAST RATE (QT/A)	HAND-HELD SPRAY-TO-WET % SOLUTION
Alder	2.3 – 3.0	0.75 – 1.2
Ash*	1.5 – 3.75	0.75 – 1.5
Aspen, quaking	1.5 – 2.3	0.75 – 1.2
Bearclover (Bearnat)*	1.5 – 3.75	0.75 – 1.5
Beech*	1.5 – 3.75	0.75 – 1.5
Birch	1.5	0.75
Blackberry	2.3 – 3.0	0.75 – 1.2
Blackgum	1.5 – 3.75	0.75 – 1.5
Bracken	1.5 – 3.75	0.75 – 1.5
Broom; French, Scotch	1.5 – 3.75	1.2 – 1.5
Buckwheat, California*	1.5 – 3.0	0.75 – 1.5
Cascara*	1.5 – 3.75	0.75 – 1.5
Castorbean	—	1.5
Catsclaw*	—	1.2 – 1.5
Ceanothus*	1.5 – 3.75	0.75 – 1.5
Chamise*	1.5 – 3.75	0.75
Cherry; bitter, black, pin	1.5 – 3.75	1.0 – 1.5
Cottonwood, eastern	1.5 – 3.75	0.75 – 1.5
Coyote brush	2.3 – 3.0	1.2 – 1.5
Cypress; swamp, bald	1.5 – 3.75	0.75 – 1.5
Deerweed	1.5 – 3.75	0.75 – 1.5
Dewberry	2.3 – 3.0	0.75 – 1.2
Dogwood*	3.0 – 3.75	1.0 – 2.0
Elderberry	1.5	0.75
Elm*	1.5 – 3.75	0.75 – 1.5
Eucalyptus	—	1.5
Gallberry	1.5 – 3.75	0.75 – 1.5
Gorse*	1.5 – 3.75	0.75 – 1.5
Hackberry, western	1.5 – 3.75	0.75 – 1.5
Hasardia*	1.5 – 3.0	0.75 – 1.5
Hawthorn	1.5 – 2.3	0.75 – 1.2
Hazel	1.5	0.75
Hickory*	3.0 – 3.75	1.0 – 2.0
Honeysuckle	2.3 – 3.0	0.75 – 1.2
Hornbeam, American*	1.5 – 3.75	0.75 – 1.5
Huckleberry	1.5 – 3.75	0.75 – 1.5
Ivy, poison	3.0 – 3.75	1.5

Knotweed; Bohemian, Giant, Japanese**	—	—
Kudzu	3.0	1.5
Locust, black*	1.5 – 3.0	0.75 – 1.5
Madrone resprouts*	—	1.5
Magnolia, sweetbay	1.5 – 3.75	0.75 – 1.5
Manzanita*	1.5 – 3.75	0.75 – 1.5
Maple, red	1.0 – 3.75	0.75 – 1.2
Maple, sugar	—	0.75 – 1.2
Maple, vine*	1.5 – 3.75	0.75 – 1.5
Monkey flower*	1.5 – 3.0	0.75 – 1.5
Oak; black, white*	1.5 – 3.0	0.75 – 1.5
Oak; northern, pin	1.5 – 3.0	0.75 – 1.2
Oak, poison	3.0 – 3.75	1.5
Oak, post	2.3 – 3.0	0.75 – 1.2
Oak, red	—	0.75 – 1.2
Oak, scrub*	1.5 – 3.0	0.75 – 1.5
Oak, southern red	1.5 – 3.75	1.0 – 1.5
Orange, Osage	1.5 – 3.75	0.75 – 1.5
Peppertree, Brazilian (Florida holly)*	1.5 – 3.75	1.5
Persimmon*	1.5 – 3.75	0.75 – 1.5
Pine	1.5 – 3.75	0.75 – 1.5
Poplar, yellow*	1.5 – 3.75	0.75 – 1.5
Prunus	1.5 – 3.75	1.0 – 1.5
Raspberry	2.3 – 3.0	0.75 – 1.2
Redbud, eastern	1.5 – 3.75	0.75 – 1.5
Redcedar, eastern	1.5 – 3.75	0.75 – 1.5
Rose, multiflora	1.5	0.75
Russian olive*	1.5 – 3.75	0.75 – 1.5
Sage, black	1.5 – 3.0	0.75
Sage, white*	1.5 – 3.0	0.75 – 1.5
Sage brush, California	1.5 – 3.0	0.75
Salmonberry	1.5	0.75
Saltbush	—	1.0
Saltcedar**	1.5 – 3.75	0.75 – 1.5
Sassafras*	1.5 – 3.75	0.75 – 1.5
Sea Myrtle	—	1.0
Sourwood*	1.5 – 3.75	0.75 – 1.5
Sumac; laurel, poison, smooth, sugarbush, winged*	1.5 – 3.0	0.75 – 1.5
Sweetgum	1.5 – 2.3	0.75 – 1.5
Swordfern*	1.5 – 3.75	0.75 – 1.5
Tallowtree, Chinese	—	0.75
Tan oak resprouts*	—	1.5
Thimbleberry	1.5	0.75
Tobacco, tree*	1.5 – 3.0	0.75 – 1.5
Toyon*	—	1.5
Trumpet creeper	1.5 – 2.3	0.75 – 1.2
Vine maple*	1.5 – 3.75	0.75 – 1.5
Virginia creeper	1.5 – 3.75	0.75 – 1.5
Waxmyrtle, southern*	1.5 – 3.75	1.5
Willow	2.3	0.75
Yerba Santa, California*	—	1.5

*Partial control

**Refer to specific instructions below

Alder / Blackberry / Dewberry / Honeysuckle / Oak, Post / Raspberry—For control, apply 2.3 to 3 quarts per acre as a broadcast spray or as a 0.75- to 1.2-percent solution with hand-held equipment.

Aspen, Quaking / Hawthorn / Trumpet creeper—For control, apply 1.5 to 2.3 quarts of this product per acre as a broadcast spray or as a 0.75- to 1.2-percent solution with hand-held equipment.

Birch / Elderberry / Hazel / Salmonberry / Thimbleberry—For control, apply 1.5 quarts per acre of this product as a broadcast spray or as a 0.75-percent solution with hand-held equipment.

Broom: French, Scotch—For control, apply a 1.2- to 1.5-percent solution with hand-held equipment.

Buckwheat, California / Hasardia / Monkey Flower / Tobacco, Tree—For partial control of these species, apply a 0.75- to 1.5-percent solution of this product as a foliar spray with hand-held equipment. Thorough coverage of foliage is necessary for best results.

Castorbean—For control, apply a 1.5-percent solution of this product with hand-held equipment.

Catsclaw—For partial control, apply a 1.2- to 1.5-percent solution with hand-held equipment when at least 50 percent of the new leaves are fully developed.

Cherry: Bitter, Black, Pin / Oak, Southern Red / Sweet Gum / Prunus—For control, apply 1.5 to 3.75 quarts of this product per acre as a broadcast spray or as a 1- to 1.5-percent solution with hand-held equipment.

Coyote brush—For control, apply a 1.2- to 1.5-percent solution with hand-held equipment when at least 50 percent of the new leaves are fully developed.

Dogwood / Hickory—For partial control, apply a 1- to 2-percent solution of this product with hand-held equipment or 3 to 3.75 quarts per acre as a broadcast spray.

Eucalyptus, Bluegum—For control of eucalyptus resprouts, apply a 1.5-percent solution of this product with hand-held equipment when resprouts are 6- to 12-feet tall. Ensure complete coverage. Apply when plants are actively growing. Avoid application to drought-stressed plants.

Knotweed: Bohemian, Giant, Japanese (*Polygonum bohemicum*, *P. sachalinense* and *P. cuspidatum*)

Stem Injection. See the "Hollow Stem Injection" section of this label.

Cut Stem. Cut stems cleanly just below the 2nd or 3rd node above the ground. Immediately apply 0.36 fluid ounce (10 mLs) of a 50-percent solution of this product into the 'well' or remaining internode. Ensure that removed upper plant material is carefully gathered and discarded so that it will not contact soil and regenerate plants from sprouting buds. Use of a bio-barrier such as cardboard, plywood or plastic sheeting is recommended.

The combined total for all treatments must not exceed 8 quarts per acre. At 10 mL of a 50-percent solution, approximately 1500 stems per acre may be treated.

Kudzu—For control, apply 3 quarts of this product per acre as a broadcast spray or as a 1.5-percent solution with hand-held equipment. Repeat applications will be required to maintain control.

Maple, Red—For control, apply as a 0.75- to 1.2-percent solution with hand-held equipment when leaves are fully developed. For partial control, apply 1 to 3.75 quarts of this product per acre as a broadcast spray.

Maple, Sugar / Oak: Northern, Pin, Red—For control, apply as a 0.75- to 1.2-percent solution with hand-held equipment when at least 50 percent of the new leaves are fully developed.

Peppertree, Brazilian (Holly, Florida) / Waxmyrtle, Southern—For partial control, apply this product as a 1.5-percent solution with hand-held equipment.

Poison Ivy / Poison Oak—For control, apply 3 to 3.75 quarts of this product per acre as a broadcast spray or as a 1.5-percent solution with hand-held equipment. Repeat applications may be required to maintain control. Fall treatments must be applied before leaves lose green color.

Rose, Multiflora—For control, apply 1.5 quarts of this product per acre as a broadcast spray or as a 0.75-percent solution with hand-held equipment. Treatments should be made prior to leaf deterioration by leaf-feeding insects.

Sage, Black / Sagebrush, California / Chamise / Tallowtree, Chinese—For control of these species, apply a 0.75-percent solution of this product as a foliar spray with hand-held equipment. Thorough coverage of foliage is necessary for best results.

Saltbush, Sea myrtle—For control, apply this product as a 1-percent solution with hand-held equipment.

Saltcedar—For partial control, apply a 1- to 2-percent solution of this product with hand-held equipment or 3 to 3.75 quarts per acre as a broadcast spray. For control, apply a 1- to 2-percent solution of this product mixed with 0.25 percent Arsenal with hand-held equipment. For control using broadcast applications, apply 1.5 quarts of this product in a tank-mix with 1 pint of Arsenal to plants less than 6 feet tall. To control saltcedar greater than 6 feet tall using broadcast applications, apply 3 quarts of this product in a tank-mix with 2 pints of Arsenal.

Willow—For control, apply 2.3 quarts of this product per acre as a broadcast spray or as a 0.75-percent solution with hand-held equipment.

Other woody brush and trees listed in this label—For partial control, apply 1.5 to 3.75 quarts of this product per acre as a broadcast spray or as a 0.75- to 1.5-percent solution with hand-held equipment.

10.0 LIMIT OF WARRANTY AND LIABILITY

Monsanto Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Directions for Use label booklet ("Directions") when used in accordance with those Directions under the conditions described therein. NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein.

Buyer and all users shall promptly notify this Company of any claims whether based in contract, negligence, strict liability, other tort or otherwise.

To the fullest extent permitted by law, buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of this Company, including, but not limited to, incompatibility with products other than those set forth in the Directions, application to or contact with desirable vegetation, unusual weather, weather conditions which are outside the range considered normal at the application site and for the time period when the product is applied, as well as weather conditions which are outside the application ranges set forth in the Directions, application in any manner not explicitly set forth in the Directions, moisture conditions outside the moisture range specified in the Directions, or the presence of products other than those set forth in the Directions in or on the soil, crop or treated vegetation.

This Company does not warrant any product reformulated or repackaged from this product except in accordance with this Company's stewardship requirements and with express written permission from this Company.

THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE LIMIT OF THE LIABILITY OF THIS COMPANY OR ANY OTHER SELLER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (INCLUDING CLAIMS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE) SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER FOR THE QUANTITY OF THIS PRODUCT INVOLVED, OR, AT THE ELECTION OF THIS COMPANY OR ANY OTHER SELLER, THE REPLACEMENT OF SUCH QUANTITY, OR, IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY TO THE FULLEST EXTENT PERMITTED BY LAW, IN NO EVENT SHALL THIS COMPANY OR ANY OTHER SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES.

Upon opening and using this product, buyer and all users are deemed to have accepted the terms of this LIMIT OF WARRANTY AND LIABILITY which may not be varied by any verbal or written agreement. If terms are not acceptable, return at once unopened.

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All other trademarks are the property of their respective owners.

EPA Reg No. 524-343

Packed For:
MONSANTO COMPANY
800 N. LINDBERGH BLVD.
ST. LOUIS, MISSOURI, 63167 U.S.A.
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061709

MONSANTO



ATENCIÓN:

Esta etiqueta de muestra se entrega únicamente para información general.

- Este producto pesticida puede no estar todavía disponible o aprobado para la venta o utilización en su localidad.
- Usted tiene la responsabilidad de cumplir todas las leyes federales, estatales y locales, así como todas las reglamentaciones relativas a la utilización de pesticidas.
- Antes de utilizar un pesticida, asegúrese de que esté aprobado en su estado o localidad.
- Su estado o localidad puede exigir precauciones adicionales e instrucciones para la utilización de este producto que no están incluidas aquí.
- Monsanto no garantiza el lo completo ni la certeza de esta etiqueta de la espécimen. La información en esta etiqueta puede diferir de la información en la etiqueta del producto. Usted debe tener consigo la etiqueta aprobada por la agencia EPA cuando utilice el producto y debe leer y respetar todas las instrucciones en la etiqueta.
- No debe basarse sobre las precauciones, las instrucciones de utilización y cualquier otra información en esta etiqueta para utilizar algún otro producto similar.
- Siempre siga las precauciones y las instrucciones para el uso en la etiqueta del pesticida que usted utiliza.



Instrucciones de uso en medios acuáticos y otros sitios no dedicados a cultivos.

EVITE EL CONTACTO DEL HERBICIDA CON EL FOLLAJE, TALLOS, RAICES NO LEÑOSAS EXPUESTAS O FRUTOS EXPUESTOS DE LAS COSECHAS, PLANTAS Y ARBOLES DESEABLES, EN CASO CONTRARIO ES PROBABLE QUE SUFRAN GRAVES DAÑOS O SEAN DESTRUIDOS TOTALMENTE.

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GRUPO 9 HERBICIDA

Antes de usar este producto, lea la etiqueta en su totalidad.

Uselo solamente de acuerdo con las instrucciones de la etiqueta.

No todos los productos enumerados en esta etiqueta han sido registrados para su uso en California. Verifique el estado de registro de cada producto en California antes de utilizarlo.

Antes de comprar o usar el producto, lea "LÍMITES EN LA GARANTÍA Y EN LA RESPONSABILIDAD" en la última sección de la etiqueta. Si las condiciones son inaceptables para usted, devuelva el producto inmediatamente sin abrir el recipiente.

ESTE ES UN PRODUCTO PARA USARSE TAL Y COMO ESTÁ PREPARADO. MONSANTO NO LO HA DISEÑADO NI LO HA REGISTRADO PARA QUE SEA REFORMULADO O LA VOLVER A EMPAQUETAR. VEA LA ETIQUETA DEL ENVASE INDIVIDUAL PARA ENTERARSE DE LAS LIMITACIONES DE REEMPAQUE.

INFORMACIÓN DE PRODUCTO

1.0 INGREDIENTES

INGREDIENTE ACTIVO:

*Glifosato, N-(fosfonometil)glicina, en forma de su sal de isopropilamina	53.8%
OTROS INGREDIENTES:.....	46.2%
	100.0%

*Contiene 648 gramos por litro o 5.4 libras por galón americano del ingrediente activo glifosato, en forma de su sal de isopropilamina. Equivalente a 480 gramos por litro o 4.0 libras por galón americano del ácido, glifosato.

No se han otorgado licencias bajo ninguna patente que no sea de los Estados Unidos.

2.0 TELEFONOS IMPORTANTES

PARA INFORMACION SOBRE EL PRODUCTO O AYUDA PARA UTILIZAR ESTE PRODUCTO, LLAME GRATIS AL 1-800-332-3111.

EN CASO DE QUE SE PRESENTE UNA EMERGENCIA RELACIONADA CON ESTE PRODUCTO, O PARA OBTENER AYUDA MEDICA, LLAME POR COBRAR A CUALQUIER HORA DEL DIA O DE LA NOCHE, AL TELEFONO. (314) 694-4000.

3.0 ADVERTENCIAS

3.1 Riesgos para seres humanos y animales domésticos

Manténgase fuera del alcance de los niños.

¡PRECAUCIÓN!

Quítese la ropa contaminada y lávela antes de volver a usarla.

Después de manipular este producto, lávese bien con agua y jabón.

3.2 Riesgos al medio ambiente

No contamine el agua cuando lave los equipos ni cuando elimine las aguas de lavado de los mismos. El tratamiento de malezas acuáticas podría provocar el agotamiento del oxígeno debido a su consumo durante la descomposición de las plantas muertas. Esta pérdida del oxígeno podría provocar, a su vez, la asfixia de los peces.

En caso de DERRAME o FUGA de este producto, recójalo con materiales absorbentes y envíe los residuos a un vertedero.

3.3 Riesgos de orden físico o químico

Para mezclar, almacenar y aplicar la solución de este producto, se deben usar solamente recipientes de acero inoxidable, aluminio, fibra de vidrio, plástico o recipientes de acero recubiertos internamente con plástico.

NO MEZCLE, ALMACENE O APLIQUE ESTE PRODUCTO O SUS SOLUCIONES PARA ROCIAR EN RECIPIENTES O TANQUES ROCIADORES DE ACERO GALVANIZADO O DE ACERO NO RECUBIERTO (EXCEPTO SI ES ACERO INOXIDABLE). Este producto o la solución para rociar reaccionan con el material de dichos recipientes y tanques, lo cual produce hidrógeno, que puede formar una mezcla de gases altamente combustibles. Si esta mezcla de gases entra en contacto con llamas, chispas, el soplete de un soldador, un cigarrillo encendido o cualquier otra fuente de encendido, puede inflamarse o explotar y causar heridas graves a personas.

INSTRUCCIONES PARA EL USO

El uso de este producto de cualquier manera que sea inconsistente con las instrucciones dadas en la etiqueta es una violación de las leyes federales. Este producto sólo puede utilizarse de acuerdo a las indicaciones sobre el modo de empleo que figuran en esta etiqueta o en la etiqueta adicional de Monsanto impresa por separado. Las etiquetas complementarias pueden encontrarse en las páginas web www.cdms.net o www.greenbook.net o bien, solicítelas al vendedor minorista autorizado de Monsanto o al representante de la Compañía Monsanto. Para verificar requisitos específicos de su tribu o estado, consulte con la agencia responsable de la regulación del uso de pesticidas.

4.0 ALMACENAMIENTO Y DESECHO

Son fundamentales el almacenamiento y la eliminación adecuados de los pesticidas para evitar la exposición de las personas y el medio ambiente como consecuencia de pérdidas y derrames del producto, excedentes o desechos o actos de vandalismo. No permita que este producto contamine el agua, los alimentos de las personas y animales o las semillas por medio del almacenamiento y la eliminación.

ALMACENAMIENTO DE PESTICIDAS: ALMACENE POR ENCIMA DE 5°F (-15°C) PARA EVITAR QUE EL PRODUCTO SE CRISTALICE. Los cristales se depositarán en el fondo. Si se permite la cristalización, coloque en un ambiente cálido a 68°F (20°C) durante varios días para que vuelva a disolverse y haga rodar el recipiente de agitación o recicle en recipientes de granel mínimo para mezclar bien antes de usar. Guarde los pesticidas lejos de los alimentos para personas, los alimentos para mascotas, los alimentos para animales, las semillas, los fertilizantes y los materiales de uso veterinario. Mantenga el envase bien cerrado para evitar derramamientos y contaminación.

ENVASE DE PESTICIDA: Para evitar desechos, use todo el material contenido en este envase, incluyendo los residuos del enjuague, aplicándolo según las indicaciones de la etiqueta. Si no es posible evitar los desechos, ofrezca el producto restante a una planta de eliminación de desechos o a un programa de eliminación de pesticidas. Estos programas suelen ser manejados por gobiernos estatales o locales o por la industria. Todos los desechos deben seguir los procedimientos federales, estatales y locales aplicables.

MANIPULACIÓN Y ELIMINACIÓN DEL ENVASE: Vea en la etiqueta del envase las instrucciones de manipulación y eliminación, así como las limitaciones de recarga.

5.0 INFORMACION GENERAL (Cómo funciona este producto)

Descripción del producto: Este producto es un herbicida sistémico de aplicación post-emergencia foliar, sin actividad residual en el suelo. Controla un amplio espectro de malezas anuales, malezas perennes, matorrales leñosos y árboles. Está formulado como un líquido soluble en agua y puede aplicarse utilizando equipos convencionales después de su dilución y mezclado con agua o con otros medios de transporte según las instrucciones de la etiqueta.

Aparición de los síntomas: Este producto se mueve dentro de la planta desde el punto de aplicación sobre el follaje hasta las raíces. Los efectos visibles incluyen que la planta se marchite y se vuelva amarilla de forma gradual, hasta que su parte exterior se torne completamente color café; mientras tanto, las partes de la planta que están bajo tierra se deterioran completamente. Los efectos visibles en la mayoría de las malezas anuales se pueden apreciar entre los 2 y los 4 días después de la aplicación, pero en la mayoría de las malezas perennes es posible que no se observen hasta después de 7 días o más. El frío extremo o el cielo muy nublado después de la aplicación pueden retardar la actividad del producto y hacer que el efecto visual se demore.

Eta de malezas: Las malezas anuales son más fáciles de controlar cuando son pequeñas. Para lograr el mejor control de la mayoría de las malezas perennes, el tratamiento debe realizarse en las últimas etapas de crecimiento, cerca de su etapa de madurez. Refiérase a las secciones "MALEZAS CONTROLADAS" para ver instrucciones específicas para cada tipo de maleza. Aplique siempre la mayor cantidad de producto dentro del rango indicado cuando las malezas son muy densas o cuando crecen en áreas no tocadas (no cultivadas). Puede haber una disminución de los resultados cuando se traten malezas afectadas por enfermedades o dañadas por los insectos, malezas cubiertas con mucho polvo o malezas en malas condiciones de crecimiento.

Prácticas culturales: Se podrá observar una reducción en el efecto si se aplica el producto a malezas anuales o perennes que hayan sido segadas, que hayan servido de alimento para animales o hayan sido cortadas, y que no hubiesen crecido nuevamente hasta el nivel recomendado para el tratamiento.

Resistencia a la lluvia: La lluvia torrencial poco después de la aplicación lavará el producto del follaje y se requerirá una nueva aplicación para obtener un control adecuado.

Modo de acción en las plantas: El ingrediente activo de este producto inhibe la producción de una enzima en las plantas y microorganismos que es esencial para la formación de aminoácidos específicos.

No actividad en el suelo: Las malezas deben haber emergido en el momento de la aplicación para poder ser controladas por este producto. Las malezas que germinen de semillas después de la aplicación no serán controladas. Las plantas no emergidas con rizomas o raíces subterráneas de malezas perennes no conectadas no se verán afectadas por el herbicida y continuarán creciendo.

Cantidades de aplicación máximas: Las cantidades de aplicación o uso máximas especificadas en esta etiqueta están expresadas en unidades de volumen (onzas fluidas o cuartos de galón) de este producto por acre. No obstante, las dosis máximas de aplicación permitidas corresponden al uso de este producto en combinación con otros herbicidas que contienen glifosato como principio activo, tanto si son aplicados como mezclas de tanque o por separado, en función de las libras totales de glifosato (libras de ácido equivalente) por acre. Si se aplica más de un producto que contiene glifosato al mismo sitio dentro del mismo año, debe asegurarse de que el uso total de glifosato (libras de ácido equivalente) no exceda el máximo permitido. El total combinado de todos los tratamientos no debe exceder 8 cuartos de galón de este producto (8 libras de ácido glifosato) por acre por año. Vea en la sección "INGREDIENTES" de esta etiqueta información importante sobre el producto.

ATENCIÓN

EVITE EL CONTACTO DEL HERBICIDA CON EL FOLLAJE, TALLOS, RAICES NO LEÑOSAS EXPUESTAS O FRUTOS EXPUESTOS DE LAS COSECHAS, PLANTAS Y ARBOLES DESEABLES. EN CASO CONTRARIO ES PROBABLE QUE SUFRAN GRAVES DAÑOS O SEAN DESTRUIDOS TOTALMENTE.

EVITE EL ACARREO. CUANDO EL PRODUCTO SE APLIQUE, SE DEBE TENER MUCHO CUIDADO PARA PREVENIR EL DAÑO A PLANTAS Y CULTIVOS DESEABLES.

No permita que la solución del herbicida se nebulice, gotee, sea acarreada o salpique sobre la vegetación deseable. Una cantidad pequeña puede ser suficiente para causar daños graves o destruir las cosechas, plantas u otras áreas que no se desea tratar. La probabilidad de que ocurran daños por el uso de este producto aumenta cuando hay muchas ráfagas de viento, a medida que aumenta la velocidad del viento, cuando la velocidad del viento cambia constantemente o cuando existen otras condiciones meteorológicas que favorecen la dispersión del rociado. Cuando se esté aplicando el producto con un rociador, evite la combinación de presiones y tipos de boquilla que puedan dar como resultado salpicaduras o partículas finas (niebla), que tienen muchas probabilidades de que el producto sea acarreado. EVITE LA APLICACION A ALTA VELOCIDAD O PRESION EXCESIVAS.

NOTA: El uso de este producto de cualquier manera contraria a las indicaciones contenidas en este libretto, puede resultar en lesiones a personas, animales o cosechas o pueden ocurrir otras consecuencias no deseadas.

5.1 Gestión de resistencia de malezas

GRUPO	9	HERBICIDA
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El glifosato, el principio activo de este producto, es un herbicida del grupo 9 según el sistema de clasificación de efecto de la Weed Science Society of America. Todas las poblaciones de malezas pueden contener plantas naturalmente resistentes a los herbicidas del grupo 9. Las especies de malezas resistentes a los herbicidas del grupo 9 pueden tratarse con buenos resultados utilizando herbicidas de otro grupo o adoptando otras prácticas culturales o mecánicas.

Para reducir al mínimo la incidencia de biotipos resistentes al glifosato, respete las siguientes recomendaciones generales con respecto a la gestión de malezas:

- Haga un reconocimiento del sitio de la aplicación antes y después de haber aplicado herbicidas.
- Comience a controlar las malezas cuanto antes, cuando sean todavía relativamente pequeñas.
- Donde sea apropiado, incorpore otros herbicidas y prácticas culturales o mecánicas como parte del sistema de control de malezas.
- Utilice la cantidad indicada en la etiqueta para las malezas más difíciles de controlar en el sitio. Evite las mezclas de tanque con otros herbicidas que reducen la eficacia de este producto (por antagonismo) o las recomendaciones de mezclas de tanque que alientan la utilización de cantidades de este producto inferiores a las recomendaciones de la etiqueta.
- Controle las malezas omitidas e impida que echen semilla.
- Limpie los equipos antes de trasladarse de un sitio a otro para reducir al mínimo la propagación de semillas de malezas.
- Utilice semillas comerciales nuevas con la menor cantidad posible de semillas de malezas.
- Informe todo incidente por falta de rendimiento reiterado de este producto en una maleza determinada al representante de Monsanto, vendedor minorista de su localidad o agente de extensión del condado.

5.2 Recomendaciones de gestión para biotipos resistentes al glifosato

NOTA: Es fundamental realizar una prueba apropiada para determinar si la maleza es resistente al glifosato. Comuníquese con su representante de Monsanto para determinar si se ha confirmado la resistencia a algún biotipo de maleza determinada en su región. Las recomendaciones de control para biotipos que se confirmaron como resistentes al glifosato se dan a conocer con la publicación por separado de etiquetas o Fichas Técnicas complementarias para ese producto, y puede solicitarlas al vendedor minorista o a su representante de Monsanto.

Debido a que no es posible determinar la existencia de nuevas malezas resistentes al glifosato hasta que se haya utilizado el producto y se cuente con la confirmación científica correspondiente, Monsanto Compañía no será responsable de ninguna pérdida que pudiera tener lugar en el caso de que este producto no lograra controlar de forma eficaz los biotipos de malezas resistentes al glifosato.

Siga las prácticas correctas de gestión de malezas para reducir la propagación de biotipos resistentes al glifosato confirmados:

- Si en su zona existe naturalmente un biotipo resistente, para lograr su control puede mezclar este producto en un tanque o aplicarlo secuencialmente con un herbicida debidamente etiquetado con efecto diferente.
- También se pueden utilizar prácticas de control culturales y mecánicas según corresponda.
- Haga un reconocimiento de los lugares tratados después de las aplicaciones de herbicida y controle las omisiones de biotipos resistentes antes de que echen semilla.
- Limpie minuciosamente los equipos antes de abandonar los lugares que se sabe que contienen biotipos resistentes.

6.0 MEZCLA

Limpie inmediatamente con abundante cantidad de agua las piezas del rociador después de utilizar este producto.

NOTA: PUEDE HABER UNA DISMINUCIÓN DE LOS RESULTADOS SI SE UTILIZA AGUA QUE CONTIENE TIERRA, COMO AGUA VISIBLEMENTE ENLODADA O AGUA DE ESTANQUES Y ZANJAS NO TRANSPARENTE.

6.1 Mezcla con agua

Este producto se mezcla fácilmente con agua. Mezcle las soluciones de rociado de este producto de la siguiente manera. Inicialmente, llene el tanque de mezclado o rociado con agua limpia. Agregue la cantidad etiquetadas de este producto hacia el final del proceso de llenado y mezcle con cuidado. La solución de rociado puede formar espuma durante la mezcla. Para prevenir o reducir al mínimo la formación de espuma, mezcle con cuidado,

tapone las derivaciones y mangueras de retorno en el fondo del tanque y, si es necesario, utilice un agente aprobado para evitar la formación de espuma o eliminarla.

6.2 Mezclas de tanque

Cuando este producto se mezcla en un tanque con otros productos, consulte las etiquetas de los productos mezclados para ver los sitios no cultivados y las dosis de aplicación aprobadas. Lea y siga con cuidado las declaraciones preventivas y toda la demás información incluida en las etiquetas de los herbicidas utilizados. Utilizar conforme a las declaraciones preventivas más restrictivas correspondientes a cada producto de la mezcla. Para la mezcla en tanque, puede utilizarse cualquier cantidad de este producto que se encuentre dentro del rango indicado en la etiqueta.

Cuando esta etiqueta indique una mezcla de tanque con un ingrediente activo genérico como diurón, 2,4-D o dicamba, el usuario será responsable de asegurarse de que la etiqueta del producto de mezcla permita la aplicación específica.

El comprador y todos los usuarios serán responsables de cualquier pérdida o daño que pudiera ocurrir como consecuencia del uso o manipulación de mezclas de este producto con herbicidas u otros materiales que no estén expresamente incluidos en esta etiqueta. La mezcla de este producto con herbicidas u otros materiales no especificados en esta etiqueta puede dar como resultado una reducción en su rendimiento.

6.3 Procedimiento para mezclas de tanque

Cuando realice la mezcla en un tanque, lea y siga cuidadosamente las indicaciones, declaraciones preventivas y toda la demás información incluida en las etiquetas de los productos utilizados. Agregue el producto de la mezcla al tanque según las indicaciones de la etiqueta. Agite continuamente y agregue la cantidad recomendada de este producto.

Agite continuamente hasta usar totalmente el contenido del tanque. Si se deja que la mezcla para rociar se asiente, agite bien para que la mezcla vuelva a estar en suspensión antes de continuar con el rociado.

A fin de minimizar la formación de espuma, mantenga las tuberías de retorno lo más cerca del fondo del tanque. El tamaño del cerridor en la boquilla o de los cerridores en las tuberías no debe ser menor al número 50.

Siempre determine previamente la compatibilidad de la mezcla de este producto, que viene en tanque rotulado, con agua como vehículo, mezclando cantidades pequeñas proporcionales con anticipación. Asegúrese de que la mezcla en tanque específica esté registrada para su aplicación en el área deseada.

Vea la sección "Mezclas de tanque" para las precauciones adicionales.

6.4 Mezcla de soluciones en porcentaje

Prepare la cantidad deseada de la solución para rociar, mezclando las proporciones de este producto con agua, según se muestra en la siguiente tabla:

Solución para rociar

Volumen Deseado	Cantidad de herbicida AquaMaster					
	0.5%	0.75%	1%	1.5%	4%	8%
1 gal	2/3 oz	1 oz	1.3 oz	2 oz	5 oz	10 oz
25 gal	1 pt	1.5 pt	1 qt	1.5 qt	4 qt	2 gal
100 gal	2 qt	3 qt	1 gal	1.5 gal	4 gal	8 gal

2 cucharadas = 1 onza fluida

Cuando se usen rociadores tipo mochila, o para bombeo, se recomienda que este producto se mezcle con agua en un recipiente grande. Llene el rociador con la solución ya lista.

6.5 Surfactante

Este producto requiere el uso de un surfactante no iónico a menos que se indique lo contrario. Cuando utilice este producto, a menos que se especifique lo contrario, mezcle 2 o más cuartos de galón de surfactante no iónico por cada 100 galones de solución para rociar. Si se aumenta la proporción de surfactante, es posible mejorar el rendimiento. Puede emplearse una mayor proporción de surfactante, por ejemplo, en matorrales leñosos, árboles y enredaderas difíciles de controlar, volúmenes de agua elevados, condiciones ambientales adversas, malezas difíciles de controlar, malezas bajo tensión, surfactantes con menos del 70 por ciento de ingrediente activo, mezclas de tanque, etc. Estos surfactantes no deben usarse a razón de más de 1 cuarto de galón por acre al realizar aplicaciones al voleo. Lea y siga siempre las indicaciones de la etiqueta del fabricante del surfactante para obtener los mejores resultados. Siga cuidadosamente todas las declaraciones preventivas y demás información que aparece en la etiqueta del surfactante.

6.6 Colorantes o tinturas

A este producto se le pueden agregar colorantes o tinturas para marcar, que sean aprobados para uso agrícola. Los colorantes o tinturas utilizados en las soluciones de rocío de este producto pueden reducir su rendimiento, especialmente a bajas concentraciones del producto o a bajas diluciones. Para usar los colorantes y tinturas siga las instrucciones del fabricante.

6.7 Aditivos de reducción de deriva

Se pueden utilizar aditivos para el control de la deriva en todos los tipos de equipo, a excepción de aplicadores por frotación y barras de esponja. Cuando se use un aditivo para el control de la deriva, lea y cumpla cuidadosamente con las declaraciones preventivas y toda la información adicional que aparezca en la etiqueta del aditivo. El uso de aditivos para el control de la deriva puede afectar la cobertura del rocío, lo que puede dar como resultado una reducción en el rendimiento.

7.0 EQUIPOS Y TÉCNICAS PARA LA APLICACIÓN

No use ningún sistema de irrigación para aplicar este producto.

APLIQUE ESTAS SOLUCIONES PARA ROCIAR UTILIZANDO EQUIPOS DEBIDAMENTE MANTENIDOS Y CALIBRADOS QUE SEAN CAPACES DE ROCIAR EL VOLUMEN DESEADO.

MANEJO DE LA DERIVA POR ROCIADO

EVITE LA DERIVA. DEBE USARSE EXTREMO CUIDADO EN LA APLICACIÓN DE ESTE PRODUCTO PARA EVITAR DAÑOS A PLANTAS Y CULTIVOS DESEADOS.

No permita que la solución del herbicida empañe, gotee, se derive o salpique sobre la vegetación deseada, ya que minúsculas cantidades de este producto pueden causar daños graves o destrucción del cultivo, plantas u otras áreas que no se pretendía tratar.

Es la responsabilidad del aplicador evitar la deriva por rociado en el lugar de aplicación. La interacción de varios factores relacionados con el clima y el equipo determina la posibilidad de deriva por rociado. El aplicador y el cultivador son responsables de considerar todos estos factores al tomar decisiones.

7.1 Equipo aéreo

NO APLIQUE ESTE PRODUCTO CON EQUIPOS AEREOS EXCEPTO BAJO LAS CONDICIONES QUE SE ESPECIFICAN EN ESTE LIBRETO.

PARA LA APLICACION AEREA EN CALIFORNIA, CONSULTE EL SUPLEMENTO FEDERAL PARA APLICACIONES AEREAS EN DICHO ESTADO, PARA CONOCER LAS INSTRUCCIONES, LIMITACIONES Y REQUISITOS ESPECIFICOS.

Este producto, cuando se lo mezcla en un tanque con dicamba, no se puede aplicar por pulverización aérea en California. En California sólo pueden aplicarse por pulverización aérea las fórmulas de 2,4-D amina.

PARA EVITAR DAÑAR LA VEGETACIÓN DESEADA, SE DEBEN MANTENER ZONAS TAMPÓN ADECUADAS.

Evite la aplicación directa sobre agua.

Use las proporciones etiquetados de este producto con 3 a 25 galones de agua por acre.

Asegúrese de que la aplicación sea uniforme. A fin de evitar que queden áreas sin tratar, que la aplicación no sea uniforme o que las aplicaciones se traslapen, se deben usar marcadores adecuados.

MANEJO DE LA DERIVA POR ROCIADO AÉREO

Deben cumplirse los siguientes requisitos de control de deriva para evitar la deriva fuera del objetivo en las aplicaciones aéreas del producto a campos de cultivo. Estos requisitos no se aplican a usos de salud pública.

1. La distancia del pulverizador más externo en la barra distribuidora no debe exceder 3/4 del largo de la envergadura o rotor.
2. Los pulverizadores deben siempre apuntar hacia atrás, paralelos a la corriente de aire, nunca hacia abajo más de 45 grados. En los estados con reglamentos más estrictos.

Importancia del tamaño de la gotita

La forma más eficaz de reducir la posibilidad de deriva es la aplicación de gotitas grandes. La mejor estrategia de manejo de la deriva es la aplicación de las gotitas más grandes que provean suficiente cobertura y control. La aplicación de gotitas más grandes reduce la posibilidad de deriva, pero no la evitará si las aplicaciones se realizan inadecuadamente o bajo condiciones ambientales desfavorables (vea las secciones de "Viento", "Temperatura y Humedad", e "Inversiones de temperatura" en esta etiqueta).

Control del tamaño de la gotita

- **Volumen:** Use pulverizadores de velocidad de flujo alta para aplicar el mayor volumen de rociado práctico. Los pulverizadores con mayores velocidades de flujo producen gotitas más grandes.
- **Presión:** Use las presiones de rociado más bajas recomendadas para el pulverizador. La presión más alta reduce el tamaño de la gotita y no mejora la penetración del todo. Cuando sean necesarias velocidades de flujo mayores, use pulverizadores con velocidad de flujo mayor en lugar de aumentar la presión.
- **Número de pulverizadores:** Use el número mínimo de pulverizadores que provean cobertura uniforme.
- **Orientación del pulverizador:** Oriente los pulverizadores de modo que el rocío sea liberado hacia atrás, paralelo a la corriente de aire, produzca gotitas más grandes que en otras orientaciones. Una deflexión significativa de la horizontal reducirá el tamaño de la gotita y aumentará la posibilidad de deriva.
- **Tipo de pulverizador:** Use un tipo de pulverizador que esté diseñado para la aplicación prevista. Con la mayoría de los tipos de pulverizadores, los ángulos de rociado más angostos producen gotitas más grandes. Considere el uso de pulverizadores de deriva

baja. Los pulverizadores de flujo sólido orientados hacia atrás producen gotitas más grandes que otros tipos de pulverizador.

- **Largo de la barra distribuidora:** Para algunos tipos de uso, la reducción del largo efectivo de la barra distribuidora a menos de 3/4 de la envergadura o el largo del rotor puede reducir más la deriva sin reducir el ancho de la hilera (pasada).
- **Altura de la aplicación:** Las aplicaciones no deben realizarse a una altura mayor que 10 pies por encima de la copa de las plantas más grandes, a menos que se requiera mayor altura por razones de seguridad del aeroplano. La realización de las aplicaciones a la menor altura que sea segura reduce la exposición de las gotitas a la evaporación y el viento.

Ajuste de la hilera (pasada)

Cuando las aplicaciones se lleven a cabo con viento lateral, la banda de aspersión se desplazará a favor del viento. Por ello, en los extremos con o contra el viento del campo, el aplicador debe compensar este desplazamiento ajustando la trayectoria del aeroplano contraria al viento. La distancia de ajuste de la hilera debe aumentar, cuando aumenta la posibilidad de deriva (mayor viento, gotitas más pequeñas, etc.).

Viento

La posibilidad de deriva es menor con velocidades del viento entre 2 y 10 mph. Sin embargo, muchos factores, incluyendo el tamaño de las gotitas y el tipo de equipo determinan la posibilidad de deriva a una velocidad determinada. Debe evitarse la aplicación menos de 2 mph debido a la dirección variable del viento y la posibilidad alta de inversión. **NOTA:** El terreno local puede influir en los patrones de viento. Cada aplicador debe conocer los patrones (vientos) locales y cómo éstos afectan la deriva.

Temperatura y humedad

Cuando se realizan aplicaciones con humedad relativa baja, fije el equipo para que produzca gotitas más grandes para compensar por la evaporación. La evaporación de gotitas es más grave cuando las condiciones son calurosas y secas.

Inversiones de temperatura

No deben realizarse aplicaciones durante una inversión de temperatura debido a que es alta la posibilidad de deriva. Las inversiones de temperatura restringen la mezcla de aire vertical, lo que causa que pequeñas gotitas suspendidas permanezcan en una nube concentrada. Esta nube puede moverse en direcciones no predecibles debido a los vientos variables leves que son comunes durante las inversiones. Las inversiones de temperatura están caracterizadas por temperaturas en aumento con altitud y son comunes en las noches con cobertura de nubes limitada y poco o ningún viento. Comienzan a formarse cuando se mete el sol y a menudo continúan en la mañana. Su presencia puede indicarse por neblina en el suelo; sin embargo, si la neblina no está presente, las inversiones también pueden identificarse por el movimiento del humo desde una fuente del suelo o por el generador de humo de un aeroplano. El humo en capas que se mueve lateralmente en una nube concentrada (bajo condiciones de poco viento) indica una inversión, mientras que el humo que se mueve hacia arriba y se disipa rápidamente indica buena mezcla de aire vertical.

Áreas sensibles

Este producto sólo se debe aplicar cuando la posibilidad de deriva hacia zonas adyacentes susceptibles (como por ejemplo, áreas residenciales, masas de agua, hábitat conocido de especies amenazadas o en peligro de extinción, cultivos que no sean el objetivo) sea mínima, (es decir, cuando el viento sople lejos de las áreas susceptibles).

Mantenimiento de aeronaves

EL CONTACTO PROLONGADO DE ESTE PRODUCTO CON PARTES DE ACERO QUE NO ESTA RECUBIERTO CON ALGUN TIPO DE PROTECCION, PUEDE DAR COMO RESULTADO LA CORROSION Y POSIBLEMENTE QUE LAS PARTES FALLEN. Es posible prevenir la corrosión recubriendo las partes con pintura orgánica, que cumpla con las especificaciones aeroespaciales MIL-C-38413. Al final de cada día de trabajo, para evitar la corrosión de las partes expuestas, lave muy bien el avión a fin de remover los residuos de este producto que se acumulan durante el rociado o por derramamientos. Las partes del tren de aterrizaje son extremadamente susceptibles.

7.2 Equipo de aplicación terrestre

Para aplicaciones al voleo por tierra, a menos que se especifique lo contrario en esta etiqueta o en otras etiquetas o Fichas Técnicas publicadas por Monsanto, utilice este producto a razón de 1.5 a 3 pintas por acre en el caso de malezas anuales, 3 a 7.5 pintas por acre en el caso de malezas perennes y 3 a 7.5 pintas por acre en el caso de matorrales leñosos y árboles. El uso de acuerdo con las indicaciones incluidas en la etiqueta del producto permitirá lograr el control total o parcial de las malezas herbáceas, los matorrales leñosos y los árboles enumerados en la sección "MALEZAS CONTROLADAS" de esta etiqueta.

Use las proporciones recomendadas de este producto con 3 a 40 galones de agua por acre para rociar de manera diseminada, a menos que se indique de otra manera en esta etiqueta. A medida que la densidad de las malezas aumenta, el volumen de rocío se debe aumentar también para conseguir una cobertura completa, pero siempre dentro de los límites recomendados. A fin de evitar un rocío muy fino, seleccione la boquilla cuidadosamente. Para obtener mejores resultados con equipo a nivel del terreno, use boquillas tipo abanico plano. Verifique el patrón de rocío para la distribución uniforme de las gotitas.

7.3 Equipo de mano

Aplice el producto al follaje de la vegetación que se desea controlar. En aplicaciones de rociado para mojar, la cobertura del follaje debe ser completa y uniforme. No rocíe hasta el punto en que el producto gotee de la vegetación. Use rociadores gruesos solamente.

Para el control de las malezas enumeradas en la sección "Malezas anuales" de "MALEZAS CONTROLADAS", aplique una solución al 0.5 por ciento de este producto a malezas de menos de 6 pulgadas de altura o de longitud de zarcillo. Para malezas anuales de más de 6 pulgadas de altura, o a menos que se especifique lo contrario, utilice una solución al 1 por ciento. Aplique antes de que se formen las cabezas de semillas en el césped o los brotes en las malezas de hojas anchas.

Para obtener resultados óptimos, utilice una solución al 1.5 por ciento en las malezas perennes más difíciles de controlar, enredaderas leñosas, matorrales y árboles. Realice aplicaciones a las malezas perennes después de la aparición de cabezas de semillas en el césped o la formación de brotes en malezas de hojas anchas, matorrales leñosos y árboles para obtener resultados óptimos.

En el caso de aplicaciones de rociado directo de bajo volumen, utilice una solución de este producto al 4 a 8 por ciento para el control total o parcial de maleza anual, maleza perenne, arbustos leñosos o árboles. La cobertura de rociado debe ser uniforme y debe tener contacto con un 50 a 75 por ciento del follaje, como mínimo. Para obtener los mejores resultados es importante cubrir la mitad superior de la planta. Si emplea una boquilla de chorro recto, comience la aplicación del producto en la parte superior de la vegetación rocíe de arriba hacia abajo con movimientos laterales de barrido. Al utilizar boquillas con salida en forma de abanico o cono, o al usar nebulizadores de control manual, nebulice el producto al follaje de la vegetación. Para asegurar una cobertura adecuada, rocíe ambos lados de los árboles y los arbustos los mejores grandes o altos, si el follaje es denso o si hay varios retoños. Para obtener los mejores resultados, aplique el producto a los árboles y arbustos leñosos en crecimiento después de la expansión completa de las hojas y antes de que éstas tenga color otoñal y se caigan.

A menos que se especifique de otro modo, use las dosis recomendadas que se indican en el cuadro siguiente de "Dosis de Aplicación" para distintos métodos de aplicación foliar utilizando equipo de gran volumen, tipo mochila, y tipos similares de equipo manual. Cuando se usa de acuerdo a las instrucciones de la etiqueta, este producto proporciona el control total o parcial de las malezas herbáceas, los matorrales leñosos y los árboles que se indican en la sección "MALEZAS CONTROLADAS" de esta etiqueta.

Dosis de Aplicación

APLICACIÓN	AQUAMASTER HERBICIDA	VOLUMEN DE PULVERIZACIÓN GALONES POR ACRE
PULVERIZACIÓN PARA MOJAR		
Pistola manual o tipo mochila	0.5 to 1.5% en peso	pulverización para mojar*
PULVERIZACIÓN DIRIGIDA DE BAJO VOLUMEN		
Tipo mochila	4 a 8% en peso	15 a 25**
Alto volumen modificado	1.5 to 3% en peso	40 a 60**

*En el caso de efectuar aplicaciones de pulverización para mojar, la cobertura debe ser uniforme y total. No pulverice hasta el punto de escurrimiento.

**En el caso de efectuar aplicaciones de pulverización para mojar, la cobertura debe ser uniforme y total. No pulverice hasta el punto de escurrimiento.

7.4 Equipo especializado

Este producto puede aplicarse mediante aplicadores con pantalla, rociadores con campana, aplicadores por frotación o barras de esponja, después de diluirse y mezclarse bien con agua, a la maleza especificada en esta etiqueta que crezca en sitios acuáticos o zonas que no sean de cultivo.

EVITE EL CONTACTO DEL HERBICIDA CON LA VEGETACION DESEABLE YA QUE ES PROBABLE QUE SUFRA GRAVES DAÑOS O SEA DESTRUIDA TOTALMENTE.

Los aplicadores utilizados por encima de la vegetación deseable deben ser calibrados de tal manera que el rociado o el punto de contacto más bajo esté por lo menos a 2 pulgadas arriba de la vegetación deseable. Gotas, niebla, espuma o salpicaduras del herbicida en contacto con la vegetación deseable pueden causar con mucha probabilidad descoloración, atrofia o destrucción.

Se obtienen mejores resultados cuando una mayor cantidad de la maleza entra en contacto con el herbicida. Las malezas que no entran en contacto con la solución herbicida no serán afectadas. Esto puede ocurrir en lugares donde las malezas están muy concentradas, cuando la infestación es grave o donde la altura de las malezas es variada, lo que no permite que todas sean tocadas por el herbicida. En estos casos puede hacerse necesario repetir el tratamiento.

Aplicadores con pantalla y con capucha

Los rociadores con pantalla o con capucha aplican la solución del herbicida directamente sobre las malezas, al mismo tiempo que protegen la vegetación deseable, para que no sea tocada por el herbicida. Use boquillas que aseguren un recubrimiento uniforme en toda el área tratada. En los rociadores con pantalla, mantenga las pantallas debidamente colocadas a fin de proteger la vegetación que no se desea destruir. SE DEBE TENER MUCHO CUIDADO PARA EVITAR EL CONTACTO DEL HERBICIDA CON LA VEGETACION DESEABLE.

Aplicadores por frotación y barras de esponja

Los aplicadores por frotación son dispositivos que aplican cantidades adecuadas de este producto directamente sobre la maleza.

El equipo debe ser diseñado, mantenido y operado de manera que la solución del herbicida no haga contacto con la vegetación deseable. Opere este equipo a velocidades inferiores a las 5 millas por hora. En áreas donde la infestación es grave, se puede mejorar la eficacia reduciendo la velocidad, así se asegura que el frotador esté siempre adecuadamente saturado con la solución del herbicida. Se obtienen mejores resultados si se aplica dos veces en direcciones opuestas.

Evite fugas o goteos sobre la vegetación deseable. Ajuste la altura de los aplicadores a fin de asegurar un contacto adecuado con las malezas. Mantenga limpias las superficies de frotación. Tenga presente que en terrenos inclinados, el herbicida puede migrar causando goteos en la parte baja y el secado de las mechas en la parte superior del aplicador por frotación.

No use aplicadores por frotación cuando las malezas estén mojadas.

Mezcle solamente la cantidad de solución que se usará durante el período de un día, debido a que el uso de sobras de días anteriores puede dar como resultado un efecto menos eficiente. Inmediatamente después de usar este producto, lave bien el aplicador usando bastante agua.

En todas las aplicaciones con enjugador se recomienda utilizar un surfactante no iónico en proporción del 10 por ciento por volumen de solución total de herbicida.

Para aplicadores de cordón o de mecha de esponja—Puede emplearse soluciones que oscilan entre 33 y 75 por ciento de este producto en agua.

Aplicadores de panel—En los aplicadores de enjugador de panel pueden utilizarse soluciones de un 33 a un 100 por ciento de producto en agua.

8.0 INSTRUCCIONES SEGUN AREAS Y USO

Salvo que se especifique lo contrario, pueden efectuarse aplicaciones para controlar cualquier tipo de maleza que se indique en las "Malezas anuales", "Malezas perennes" o "Matorrales leñosos y árboles" mesas de tasa. Consulte también la sección "Equipo especializado".

8.1 Sitios acuáticos

Este producto puede aplicarse a las malezas brotadas en todo tipo de masa de agua (dulce o salobre), circulante o no. Esto incluye lagos, ríos, arroyos, estanques, estuarios, diques, manantiales, zanjas de drenaje e irrigación, canales, represas, plantas de tratamiento de aguas y sitios donde desea restaurarse el hábitat de la fauna local.

Este producto también puede usarse para controlar la maleza, arbustos leñosos y árboles indicados en la etiqueta que crezcan en zonas terrestres que no sean de cultivo o en áreas acuáticas de estas zonas.

Si hubiera sitios acuáticos próximos a las zonas no utilizadas para cultivo y que fueran parte del tratamiento a realizarse, lea y cumpla con las siguientes instrucciones:

Este producto no controla plantas que estén completamente sumergidas o que tengan la mayor parte de su follaje bajo agua.

No hay restricciones de ningún tipo en cuanto a la utilización del agua tratada en irrigación, actividades recreativas o uso doméstico.

Antes de aplicar este producto en aguas de uso público, consulte a los organismos estatales locales reguladores de caza y pesca, así como a las autoridades que controlan el uso del agua. Tal vez sea necesario contar con un permiso para tratar tales aguas.

NOTA: No aplique este producto directamente al agua dentro de 0.5 milla en contra de la corriente de una fuente activa de agua potable en agua que fluya (es decir, río, corriente, etc.) o dentro de la 0.5 milla de una fuente activa de agua potable en una extensión de agua estancada, tal como un lago, estanque o represa. Para poder efectuar aplicaciones sobre agua próxima o dentro de un radio de media milla de una toma activa de agua potable, la toma de agua deberá desactivarse durante un mínimo de 48 horas luego de la aplicación. La toma de agua puede abrirse antes de las 48 horas si el nivel de glifosato en la misma se encuentra por debajo de 0.7 partes por millón, determinado por un análisis de laboratorio. Estas aplicaciones sobre agua podrán efectuarse ÚNICAMENTE en caso de que exista una fuente de agua alternativa o lagunas de contención que permitan la desactivación temporal de la toma de agua durante un mínimo de 48 horas luego de la aplicación. Esta restricción **NO** se aplica al sobre-rocío inadvertido intermitente de agua en sitios de uso terrestre.

Para tratamientos luego de un descenso del nivel de las aguas o en zanjas secas, después del tratamiento deje transcurrir 7 días o más antes de volver a llenar con agua. Así logrará el máximo control de las malezas. Aplique el herbicida de AquaMaster dentro de las 24 horas siguientes al descenso de las aguas, para asegurarse de que el producto está actuando sobre malezas en crecimiento activo.

Tal vez sea necesario volver a tratar la vegetación flotante. Evite que la vegetación a la que se le aplicó el producto, lo pierda por salpicaduras creadas por el bote utilizado para la aplicación o por otros botes que circulen en los alrededores. No efectúe ningún tratamiento si se esperan lluvias dentro de las 6 primeras horas posteriores a la aplicación. No vuelva a aplicar dentro de las 24 horas posteriores al tratamiento inicial.

La aplicación efectuada en las masas de agua en circulación debe realizarse desplazándose corriente arriba, para evitar que el herbicida se concentre en el agua. Cuando se lleve a cabo alguna aplicación en las orillas de un río o arroyo, no superponga las aplicaciones a más de 1 pie en el cauce del río o arroyo. No aplique sobre masas

de agua donde no haya maleza. No supere la concentración máxima aplicable (7.5 pintas/acre) en ninguna aplicación diseminada que se efectúe sobre agua excepto en los siguientes casos, en los que puede aplicarse la concentración indicada en la etiqueta:

- Cruces con arroyos en derechos de paso.
- En los casos en que las aplicaciones den como resultado menos del 20 por ciento de la superficie total de agua tratada.

Cuando haya que tratar toda la superficie de una masa de agua no circulante, el tratamiento de ésta en franjas podría evitar el consumo total del oxígeno debido al proceso de degradación de la vegetación. Este agotamiento del oxígeno podría provocar la muerte de peces.

Mezclas Para Tanque

Pueden usarse mezclas para tanque de este producto con 2,4-D amina para aumentar el espectro de vegetación controlada en zonas acuáticas. Utilice de 1.5 a 2 pintas de este producto más 1 a 2 cuartos de galón de 2,4-D amina (4 libras de ingrediente activo por galón, rotulado para sitios acuáticos) para controlar maleza anual. Utilice de 3 a 7.5 pintas de este producto más 2 a 4 cuartos de galón de 2,4-D amina (4 libras de ingrediente activo por galón, rotulado para sitios acuáticos) para el control total o parcial de maleza perenne, arbustos leñosos y árboles.

Al mezclar en tanque, lea y siga al pie de la letra las reclamaciones, advertencias y demás información en las etiquetas de los productos utilizados. Use la mezcla conforme a las medidas precautorias más estrictas indicadas para cada producto en la mezcla. Mezcle en el siguiente orden: Llene el tanque de rociado a la mitad con agua, agregue el herbicida AquaMaster, luego 2,4-D amina y por último el surfactante. Llene el tanque de rociado con agua.

NOTA: NO MEZCLE EL HERBICIDA AQUAMASTER CON CONCENTRADOS DE 2,4-D AMINA SIN PORTADOR DE AGUA. NO MEZCLE EL HERBICIDA AQUAMASTER CON 2,4-D AMINA EN EQUIPO ROCIADOR CON INYECTOR DE DERIVACIÓN.

Para el control del espartillo (*Spartina spp.*)

La presencia de residuos y sedimento sobre la superficie de las plantas de espartillo reduce el rendimiento del producto. Puede ser necesario lavar las plantas que se desean tratar antes de aplicar el herbicida para mejorar su absorción. En los casos en que el espartillo se haya cortado o podado antes de la aplicación, deje que vuelva a crecer bastante antes de aplicar el producto para asegurar la intercepción y la absorción adecuadas de la solución herbicida. La lluvia dentro de las 2 horas o la inmersión dentro de las 4 horas de la aplicación pueden reducir la eficacia.

Antes de aplicar, examine las áreas que desea tratar para determinar si existen lechos de crustáceos dentro del área de tratamiento. Espere a que se hayan recolectado los crustáceos antes de realizar la aplicación o absténgase de recolectar los crustáceos durante 14 días después del tratamiento.

Agregue 1 ó 2 cuartos de galón o más de surfactante no iónico u otro coadyuvante aprobado para su uso en sitios acuáticos compatible con este producto por cada 100 galones de solución para rociar en el caso de aplicaciones al voleo (por tierra o por aire) y cuando se utilicen equipos de aplicación de detección óptica.

No aplique este producto a través de ningún tipo de sistema de irrigación.

APLICACIÓN: En condiciones de aplicación ideales, es decir, en los casos en que no hay presentes sedimentos y residuos sobre las superficies de las plantas y puede lograrse una buena cobertura del rocío, cuando las plantas que se desean tratar están creciendo de forma activa y cuando se utilizan las concentraciones y los volúmenes de aplicación indicados en la etiqueta, deje secar como mínimo 4 horas antes de que las plantas queden cubiertas por la marea. En los casos en que no se cumplan una o varias de estas condiciones, programe las aplicaciones de forma tal de dejar secar al menos 5 horas antes de que las plantas queden cubiertas por la marea. No aplicar cuando la velocidad del viento en el lugar de aplicación es de más de 10 millas por hora.

Aplicación al voleo (por tierra): Aplique de 2 a 8 cuartos de galón de este herbicida en 5 a 100 galones de solución para rociar por acre. Para obtener resultados óptimos, es necesario cubrir completamente los grupos de plantas de esparcilla.

Aplicación al voleo (equipos de aplicación de detección óptica/tierra): Aplique de 2 a 8 cuartos de galón de este producto en 5 a 100 galones de solución para rociar por acre usando equipos diseñados y calibrados para aplicar solución para rociar sólo cuando hay presentes plantas de esparcilla y éstas son detectadas por sensores ópticos. Para obtener resultados óptimos, es necesario cubrir completamente los grupos de plantas de esparcilla.

Equipos de mochila o de alto volumen manuales: Aplique de 5 a 8 por ciento de solución de este producto. Asegúrese de lograr la cobertura completa de los grupos de plantas de esparcilla. No rocíe hasta el punto del escurrimiento.

Aplicación al voleo (por aire): Aplique de 2 a 8 cuartos de galón de este producto en 5 a 10 galones de solución para rociar por acre. Mantenga como mínimo un tampón de 50 pies entre los lechos de crustáceos comerciales y las áreas tratadas. El potencial de arrastre del rocío depende de factores climáticos y factores relacionados con los equipos. El aplicador debe estar familiarizado con los patrones de vientos locales y monitorear y registrar la temperatura y la velocidad del viento antes y periódicamente durante la aplicación. Programe la aplicación para que dure como mínimo 5 horas antes de que las plantas tratadas queden cubiertas por la marea.

Para el control de la salvinia gigante

Para el control de la salvinia gigante, este producto puede aplicarse como una solución de rocío para mojar al 2.0% v/v con 0.5 a 2.0% v/v de un surfactante no iónico que contenga como mínimo un 70 por ciento de ingrediente activo. Asegúrese de realizar una

cobertura completa cuando utilice tratamientos de rocío para mojar empleando equipos manuales.

Para aplicaciones al voleo, aplique de 3 a 3.75 cuartos de galón de este producto con un sistema de surfactante aprobado acuático que contenga 0.1% v/v de organosilicona no iónica y 0.25% v/v surfactante adherente penetrante no iónico en 3 a 40 galones por acre como tratamiento al voleo.

Deje pasar como mínimo 3 días después de la aplicación antes de alterar la vegetación tratada. Este producto no controla las plantas que están totalmente sumergidas o que tienen la mayor parte de su follaje debajo del agua.

8.2 Inyección en tallos huecos

Este producto puede aplicarse con dispositivos de inyección manuales para administrar las cantidades etiquetadas de este producto a las plantas con tallo hueco identificadas que crecen en cualquiera sitio acuático o de los lugares no cultivados especificados en esta etiqueta. Para controlar las siguientes plantas con tallo hueco, siga las instrucciones de uso indicadas abajo:

Semilla de ricino (*Ricinus communis*)

Inyecte 4 mL por planta de este producto en la parte inferior del tallo principal.

Cicuta (*Conium maculatum*)

Inyecte una caña de una hoja por planta a 25-30 cm (10-12 pulgadas) por encima de la corona de la raíz con 5 mL de una solución al 5% v/v de este producto.

Hogweed gigante (*Heracleum mantegazzianum*)

Inyecte una caña de una hoja por planta a 30 cm (12 pulgadas) por encima de la corona de la raíz con 5 mL de una solución al 5% v/v de este producto.

Equiseto o cola de caballo (*Equisetum arvense*)

Inyecte un segmento por encima de la corona de la raíz con 0.5 mL de este producto por tallo. Utilice una jeringa pequeña, con capacidad para medir esta cantidad.

Lirio amarillo (*Iris pseudocorus*)

Corte los tallos de las flores con un par de pinzas 8 a 9 pulgadas sobre la corona de la raíz. Empuje una aguja cóncava en el centro del tallo y luego retírela lentamente a medida que se inyectan 0.5 mL por tallo de este producto en el tallo.

Polígono bohemio (*Polygonum bohemicum*),

Centidonia gigante (*Polygonum sachalinense*), y

Polígono japonés (*Polygonum cuspidatum*)

Inyecte 5 mL de este producto por tallo, entre el segundo y el tercer nodo.

Caña brava (*Arundo donax*)

Inyecte 6 mL por tallo de este producto entre el segundo y el tercer entrenudo.

Cardo de Canadá (*Cirsium arvense*)

Use una tijera de podar para cortar un manojito de 8 a 9 de las plantas más altas en la etapa de brotación. Utilice una aguja de cavidad que se introduce en el centro del tallo y luego se extrae lentamente a medida que inyecta 0.5 mL de este producto en cada tallo.

NOTA: Según la tasa de uso anual máxima de glifosato para estos sitios no cultivados, el total combinado para todos los tratamientos no debe exceder 8 cuartos de galón de este producto por acre. A razón de 5 mL por tallo, 8 cuartos de galón deberían servir para tratar aproximadamente 1500 tallos.

8.3 Troncos cortados

El tratamiento de troncos cortados puede hacerse en cualquier área indicada en esta etiqueta. Este producto controla muchas especies de matorrales leñosos y árboles. Aplique este producto usando equipo adecuado para garantizar la cobertura completa del cambium. Corte los árboles o sus brotes cerca de la superficie de la tierra. Aplique una solución de este producto del 50 al 100 por ciento a la superficie recién cortada, inmediatamente después del corte. Demorar la aplicación puede reducir la eficacia del producto. Para obtener mejores resultados, la aplicación deberá hacerse durante los períodos de crecimiento activo y expansión completa de las hojas.

Para controlar *Ailanthus altissima* (Tree-of-heaven) efectúe un tratamiento de tocón cortado de acuerdo con las instrucciones en esta sección utilizando una mezcla de rociado con 50 por ciento de herbicida AquaMaster y 10 por ciento de Arsenal.

NO HAGA LAS APLICACIONES SOBRE TRONCOS CORTADOS CUANDO LAS RAICES DE LOS MATORRALES LEÑOSOS O ARBOLES DESEABLES PUEDEN ESTAR INJERTADAS A LAS RAICES DE LOS TRONCOS CORTADOS. Algunos brotes, tallos o árboles pueden compartir el mismo sistema radicular. Árboles que están contiguos, que tienen la misma edad, altura y separación pueden indicar raíces compartidas. Cuando se trata a uno o más árboles que tienen raíces en común, tanto si están injertados como si comparten el sistema radicular, es probable que se produzca un daño en los brotes/árboles no tratados.

8.4 Áreas generales no cultivables y áreas industriales

Utilice en lugares como aeropuertos, complejos de apartamentos, zonas comerciales, bordes de acequias, entradas de autos, zanjas secas, canales secos, hileras de cercas, áreas de forestación, canchas de golf, invernaderos, zonas industriales, depósitos de

maderas, zonas de fabricación, solares municipales, zonas naturales, complejos de oficinas, cultivos ornamentales, estacionamientos, parques, pasturas, zonas con tanques de petróleo e instalaciones de bombeo, líneas de ferrocarril, praderas, zonas recreativas, zonas residenciales, derechos de paso, bordes de carreteras, escuelas, granjas de tepes o para semillas de césped, complejos deportivos, zonas de almacenamiento, subestaciones, zonas de servicios públicos, zonas de depósito, otros lugares públicos o zonas en las que se realiza gestión de vida silvestre.

Control general de malezas, recortado de bordes y suelo limpio de malezas

Este producto puede usarse en áreas generales no cultivables. Puede aplicarse con cualquiera de los equipos descritos en este librito. Puede usarse para el recortado de bordes alrededor de objetos en áreas no cultivables, para tratamiento localizado de vegetación no deseable y para eliminar las malezas no deseables que crecen en cuadros de arbustos establecidos y plantaciones ornamentales. Este producto puede usarse antes de plantar un área con plantas ornamentales, flores, césped (tepes o semillas), o antes de colocar asfalto o de comenzar un proyecto de construcción.

Pueden hacerse aplicaciones repetidas de este producto, a medida que emergen las malezas, para mantener el suelo limpio de malezas.

MEZCLAS PARA TANQUE: Este producto se puede mezclar en tanque con los siguientes productos. Consulte los rótulos de estos productos para informarse sobre áreas no cultivables y dosis de aplicación. Lea y siga con cuidado las declaraciones preventivas y toda la demás información incluida en las etiquetas de los herbicidas utilizados. Utilizar conforme a las declaraciones preventivas más restrictivas correspondientes a cada producto de la mezcla.

Arsenal	Outrider®
Barricade 65WG	Pendulum 3.3 EC
Certainty®	Pendulum WDG
diuron*	Plateau
Endurance	Princep DF
Escort XP	Princep Liquid
Garlon 3A	Ronstar 50 WP
Garlon 4	Sahara
Hyvar X	simazine*
Karmex	Surflan
Krovar I DF	Telar
Oust XP	2,4-D*

*El usuario es responsable de asegurarse de que puedan realizarse las mezclas en tanque con productos que contengan este ingrediente activo genérico siempre y cuando el producto específico esté registrado para dicho uso.

Este producto más las mezclas en tanque de dicamba, no se pueden aplicar por pulverización aérea en California.

Mezclas en tanque para el control de matorrales

MEZCLAS PARA TANQUE: Las mezclas en tanque de este producto se pueden usar para aumentar el espectro de control de las malezas herbáceas, matorrales leñosos y árboles. Cuando lleve a cabo una mezcla en tanque, lea y cumpla cuidadosamente con todas las recomendaciones y las precauciones que establece la etiqueta, así como también con toda la información incluida en las etiquetas de todos los productos que utilice. Use cada uno de los productos para la mezcla con la mayor de las precauciones. En una mezcla en tanque se puede usar cualquiera de las dosis recomendadas de este producto.

Para el control de malezas herbáceas, emplee las dosis más bajas para mezcla en tanque. Para el control de herbaje tupido o de matorrales leñosos y árboles difíciles de controlar, emplee las dosis más altas.

NOTA: En tratamientos de corte lateral, se recomienda que este producto se use solo o en mezcla en tanque con Garlon 4.

PRODUCT

Arsenal
Escort XP
Garlon 3A*
Garlon 4

*Asegúrese de que Garlon 3A se mezcle bien con agua de acuerdo a las instrucciones de la etiqueta, antes de agregar este producto. Para evitar problemas de compatibilidad, agite la mezcla de pulverización en el momento en que se agregue este producto.

8.5 Manejo de hábitats

Restauración y mantenimiento de hábitats

Este producto puede ser usado para controlar la vegetación exótica y otras plantas indeseables en áreas de manejo de hábitats y en áreas naturales, incluyendo áreas ribereñas y estuarinas, hábitats nativos y refugios para la fauna silvestre. Pueden hacerse aplicaciones para permitir la recuperación de las especies de plantas nativas, antes de plantar dichas especies nativas deseables, y para otros requisitos similares de control de la vegetación de amplia efectividad. A fin de eliminar selectivamente ciertas plantas indeseables, se pueden hacer aplicaciones localizadas para controlar y mejorar el hábitat.

Sitios donde se siembran alimentos para la fauna silvestre

Este producto puede ser usado para preparar el terreno donde se desea sembrar alimentos para la fauna silvestre. Cualquier especie de alimento para la fauna silvestre puede ser sembrada después de aplicar este producto, o también se puede permitir que las especies nativas vuelvan a poblar el área. Si hace falta labrar para preparar el terreno

semillas, espere 7 días después de aplicar este producto antes de arar a fin de permitir la absorción adecuada en las partes de la planta que estén bajo tierra.

8.6 Inyección y chorro (matorrales leñosos y árboles)

Los matorrales leñosos y árboles pueden ser controlados aplicando este producto por inyección o chorro. Aplique este producto usando equipo adecuado, que debe ser capaz de penetrar en el tejido viviente. Aplique 1 mL de este producto por cada 2 ó 3 pulgadas de diámetro del tronco a la altura del pecho (DBH en inglés). La mejor forma de hacerlo es aplicando una solución del 50 al 100 por ciento, este producto, con un chorro continuo alrededor del árbol o en cortes espaciados uniformemente alrededor del árbol y por debajo del nivel de las ramas. A medida que el diámetro del árbol aumenta, se obtienen mejores resultados con el chorro diluido continuo alrededor del árbol o en cortes espaciados muy cerca entre sí alrededor del árbol. Evite las aplicaciones que permiten el desague de material cuando se chorrea alrededor del árbol o sobre los cortes en árboles que tienen la facilidad de exudar savia de los cortes. En especies de este tipo, haga los cortes de manera oblicua a fin de producir el efecto de copa y use el producto sin diluir. Para obtener mejores resultados, la aplicación debe tener lugar durante períodos de crecimiento activo y expansión completa de las hojas.

8.7 Carreteras

Todas las instrucciones de la sección "Áreas Generales No Cultivables y Áreas Industriales" son válidas para las carreteras.

Tratamiento de bordes

Este producto puede ser usado en los bordes de las carreteras. Puede aplicarse con rociadores de aguilón, rociadores de aguilón con pantalla, boquillas descentradas de gran volumen, equipo de mano y equipos similares.

Barandas y otros obstáculos para la siega

Este producto puede ser usado para controlar las malezas que crecen debajo de las barandas y alrededor de los postes de señal y otros objetos en los bordes de las carreteras.

Tratamiento localizado

Este producto puede ser usado como tratamiento localizado para controlar la vegetación indeseable que crece a lo largo de los bordes de las carreteras.

MEZCLAS PARA TANQUE: Este producto puede mezclarse en tanque con los siguientes productos para tratamientos de bordes de carreteras, vallas de seguridad, zonas específicas y áreas sin vegetación, siempre y cuando el producto específico para la mezcla en tanque esté rotulado para el tipo de área. Consulte las etiquetas de estos productos para ver los sitios no cultivados y las dosis de aplicación aprobadas. Lea y siga con cuidado las declaraciones preventivas y toda la demás información incluida en las etiquetas de los herbicidas utilizados. Utilizar conforme a las declaraciones preventivas más restrictivas correspondientes a cada producto de la mezcla.

atrazine*	Landmark MP	Sahara DG
Crossbow L	Landmark XP	simazine*
dicamba*	Oust XP	Surflan AS
diuron*	Outrider	Surflan WDG
Endurance	pendimethalin*	Telar DF
Escort XP	Plateau	Velpar DF
Gallery 75 DF	Plateau DG	Velpar L
Krovar I DF	Poast	2,4-D*
Landmark II MP	Ronstar 50 WSP	

*El usuario es responsable de asegurarse de que puedan realizarse las mezclas en tanque con productos que contengan este ingrediente activo genérico siempre y cuando el producto específico esté registrado para dicho uso.

Vea las instrucciones generales para mezclas de tanque en la sección "MEZCLA" de este librito.

Mantenimiento del Bermudagrass y Bahiagrass

Aplicaciones cuando estén latentes (durmientes)

Este producto puede usarse para controlar o controlar parcialmente muchas malezas anuales de invierno y tall fescue para el alivio eficaz de bermudagrass y bahiagrass latentes. Trate solamente cuando el césped esté latente y antes de su reverdecer primaveral. Este producto también se puede mezclar en tanque con el herbicida Outrider o Oust XP para el control residual. Las mezclas de tanque de este producto con Oust XP pueden retrasar el reverdecer.

Para obtener mejores resultados con malezas anuales de invierno, haga el tratamiento cuando las plantas estén en una etapa temprana de su crecimiento (menos de 6 pulgadas de altura) después de que la mayoría haya germinado. Para obtener mejores resultados con tall fescue, haga el tratamiento cuando el fescue esté en o después de su etapa de 4 a 6 hojas.

Aplique de 6 a 48 onzas fluidas de este producto en una mezcla de tanque con 0.75 a 1.33 de onzas de herbicida Outrider por acre. Lea y siga todas las instrucciones de la etiqueta del herbicida Outrider.

MEZCLAS PARA TANQUE: Aplique de 6 a 48 onzas fluidas de este producto por acre, solo o en mezcla de tanque con 0.25 a 1 onza de Oust XP por acre. Aplicar las proporciones indicadas en la etiqueta en 10 a 40 galones de agua por acre. Uselo solamente en áreas donde el bermudagrass o bahiagrass son deseables y en las que puede tolerarse un

poco de daño o decoloración. Para evitar que el reverdecer se retarde y para minimizar el daño, no agregue más de 1 onza de Oust XP por acre sobre bermudagrass y no más de 0.5 onzas de Oust XP por acre sobre bahiagrass, y evite el tratamiento cuando estas hierbas se encuentren en estado semi-latente.

Bermudagrass que esté creciendo activamente

Este producto puede ser usado para controlar total o parcialmente muchas malezas anuales y perennes para el mantenimiento eficaz de bermudagrass que esté creciendo activamente. Aplique de 12 a 36 onzas fluidas de este producto en 10 a 40 galones de solución para rociar por acre. Para tratar malezas anuales que tengan menos de 6 pulgadas de altura (o el largo de los tallos), use las proporciones más bajas. Use la proporción más alta a medida que las malezas aumenten de tamaño o cuando estén cerca de la floración o de la formación de semillas. Estas proporciones también controlan parcialmente las siguientes especies perennes:

Bahiagrass	Johnsongrass
Bluestem, silver	Trumpet creeper
Fescue, tall	Vaseygrass

Este producto se puede mezclar en tanque con el herbicida Outrider para el control o el control parcial de *Sorghum halepense* (Johnsongrass) y otras malas hierbas indicadas en la etiqueta del herbicida Outrider. Use de 6 a 24 onzas fluidas de este producto con 0.75 a 1.33 onzas de herbicida Outrider. Utilice las proporciones más altas de ambos productos para el control de malas hierbas perennes o anuales que tengan una altura superior a 6 pulgadas.

MEZCLAS PARA TANQUE: Este producto puede ser mezclado con Oust XP. Si se mezcla en tanques, no use más de 12 a 24 onzas fluidas de este producto con 1 a 2 onzas de Oust XP por acre. Para tratar malezas anuales indicadas en este librito y en el librito de Oust XP, que tengan menos de 6 pulgadas de altura (o el largo de los tallos), use las proporciones más bajas de cada producto. Use la proporción más alta a medida que las malezas aumenten de tamaño o cuando estén cerca de la floración o de la formación de semillas. Estas proporciones también controlan parcialmente las siguientes especies perennes:

Bahiagrass	Fescue, tall
Bluestem, silver	Johnsongrass
Broomsedge	Poorjoe
Dallisgrass	Trumpet creeper
Dock, curly	Vaseygrass
Dogfennel	Vervain, blue

Uselo solamente en bermudagrass que esté bien establecido. Como resultado del tratamiento, el bermudagrass puede sufrir deterioro, pero volverá a crecer si se riega. No se recomienda repetir el tratamiento con la mezcla de tanque en la misma estación, ya que esto puede ocasionar daños graves al bermudagrass.

Bahiagrass que esté creciendo activamente

Para suprimir el crecimiento vegetativo y la inhibición de la formación de semillas de bahiagrass durante aproximadamente 45 días, aplique 4 onzas fluidas de este producto en 10 a 40 galones de agua por acre. Aplique de 1 a 2 semanas después de reverdecer completo o después de cortar a una altura uniforme de 3 a 4 pulgadas. Esta aplicación debe ser hecha antes de la emergencia de las semillas.

Para la supresión durante un máximo de 120 días, aplique 3 onzas fluidas de este producto por acre, y a continuación una aplicación de 2 a 3 onzas fluidas por acre unos 45 días más tarde. No haga más de 2 aplicaciones al año.

Este producto se puede utilizar para el control o el control parcial de *Sorghum halepense* (Johnsongrass) y otras malas hierbas indicadas en la etiqueta de Outrider, en *Paspalum notatum* (bahiagrass) en crecimiento activo. Aplique de 1.5 a 3.5 onzas fluidas de este producto con 0.75 a 1.33 onzas de herbicida Outrider por acre. Utilice las proporciones más altas para el control de malas hierbas perennes o anuales que tengan una altura superior a 6 pulgadas. Utilice sólo en *Paspalum notatum* (bahiagrass) bien establecido.

MEZCLAS PARA TANQUE: Puede usarse una mezcla de tanque de este producto con Oust XP. Aplique 4 onzas fluidas de este producto con 0.25 onza de Oust XP por acre, 1 a 2 semanas después de la primera siega de la primavera. Haga solamente 1 aplicación al año.

9.0 TIPOS DE MALEZAS CONTROLADAS

Use siempre la proporción más alta de este producto por acre, dentro de las proporciones indicadas en la etiqueta, cuando las malezas son densas o cuando crecen en un área no tocada (no cultivada).

Puede haber una disminución de los resultados cuando se traten malezas cubiertas con mucho polvo. Para las malezas que han sido segadas, pastadas o cortadas, permita que vuelvan a crecer antes del tratamiento.

Vea las secciones siguientes para las proporciones de aplicación para el control de malezas anuales y perennes, matorrales leñosos y árboles. Para las malezas, matorrales leñosos y árboles difíciles de controlar, donde las plantas crecen en condiciones de estrés, o donde la infestación es densa, pueden usarse 4.5 a 8 cuartos de galón por acre de este producto para obtener mejores resultados

9.1 Malezas anuales

Aplique a las malezas anuales en crecimiento activo y de oja ancha.

Deje transcurrir al menos 3 días luego de la aplicación antes de hacer algo sobre la vegetación tratada. Después del lapso mencionado, podrá cortar, remover o quemar la maleza. En "INFORMACIÓN GENERAL", "MEZCLA", e "EQUIPOS Y TÉCNICAS PARA LA APLICACIÓN" encontrará instrucciones específicas relativas a la aplicación.

Use 1.5 pintas por acre si las malezas tienen menos de 6 pulgadas de altura o largo de los tallos y 1 cuarto a 4 cuartos de galón por acre si las malezas tienen más de 6 pulgadas de altura o largo de los tallos o cuando las malezas crecen en condiciones de estrés.

Para aplicaciones de rociado para mojar, aplique una solución de 0.5% de este producto a las malezas que tengan menos de 6 pulgadas de altura o largo de los tallos. Haga la aplicación antes de la formación de semillas para la hierba, o la formación de yemas para las malezas de hoja ancha. Para las malezas anuales que tienen más de 6 pulgadas de altura o las malezas más pequeñas que crecen en condiciones de estrés, use una solución del 0.75- al 1.5-por ciento. Use la dosis más alta para las especies difíciles de controlar o las malezas de más de 24 pulgadas de altura.

ESPECIES DE MALEZAS

Anoda, spurred	Mayweed
Balsamapple**	Medusahead*
Barley*	Morningglory (<i>Ipomoea spp</i>)
Barley, little*	Mustard, blue*
Barnyardgrass*	Mustard, tansy*
Bassia, fivehook	Mustard, tumble*
Bittercress*	Mustard, wild*
Bluegrass, annual*	Nightshade, black*
Bluegrass, bulbous*	Oats
Brome, downy*	Panicum, browntop*
Brome, Japanese*	Panicum, fall*
Broomsedge	Panicum, Texas*
Buttercup*	Pennycress, field*
Castorbean	Pepperweed, Virginia*
Cheatgrass*	Pigweed*
Cheeseweed	Puncturevine
(<i>Malva parviflora</i>)	Purslane, common
Chervil*	Pusley, Florida
Chickweed*	Ragweed, common*
Cocklebur*	Ragweed, giant
Copperleaf, hophornbeam	Rice, red
Copperleaf, Virginia	Rocket, London*
Coreopsis, plains/tickseed*	Rocket, yellow
Corn*	Rye*
Crabgrass*	Ryegrass*
Cupgrass, woolly*	Sandbur, field*
Dwarfdandelion*	Sesbania, hemp
Eclipta*	Shattercane*
Falsedandelion*	Shepherd's-purse*
Falseflax, smallseed*	Sicklepod
Fiddleneck	Signalgrass, broadleaf*
Filaree	Smartweed, ladysthumb*
Fleabane, annual*	Smartweed, Pennsylvania*
Fleabane, hairy	Sorghum, grain (milo)*
(<i>Conyza bonariensis</i>)*	Sowthistle, annual
Fleabane, rough*	Spanishneedles***
Foxtail*	Speedwell, corn*
Foxtail, Carolina*	Speedwell, purslane*
Geranium, Carolina	Sprangletop*
Goatgrass, jointed*	Spurge, annual
Goosegrass	Spurge, prostrate*
Groundsel, common*	Spurge, spotted*
Henbit	Spurry, umbrella*
Horseweed/Marestail	Starthistle, yellow
(<i>Conyza canadensis</i>)	Stinkgrass*
Itchgrass*	Sunflower*
Johnsongrass, seedling	Teaweed/Prickly sida
Junglerice	Thistle, Russian
Knotweed	Velvetleaf
Kochia	Wheat*
Lamb's-quarters*	Wild oats*
Lettuce, prickly*	Witchgrass
Mannagrass, eastern*	

*Cuando use equipos de aplicación diseminada a nivel del terreno (aplicaciones aéreas o rociadores de aguilón con boquillas tipo abanico plano), estas especies serán controladas o controladas parcialmente con 12 onzas fluidas de este producto por acre. Las aplicaciones deben hacerse usando de 3 a 10 galones de volumen por acre. Use boquillas que garanticen una cobertura completa del follaje y haga el tratamiento cuando las malezas estén en su etapa temprana de crecimiento.

**Aplique únicamente con equipo de mano.

***Aplique 3 pintas de herbicida de AquaMaster por acre.

9.2 Malezas perennes

Los mejores resultados se obtienen cuando las malezas perennes son tratadas una vez que han alcanzado la etapa reproductiva de su crecimiento (inicio de las semillas para hierbas y formación de yemas para malezas de hoja ancha). Para las plantas sin flores, los mejores resultados se obtienen cuando las plantas alcanzan el estado de madurez. En muchos casos, se requiere el tratamiento antes de estas etapas del crecimiento. En estos casos, use la proporción más alta dentro de las proporciones recomendadas.

Asegúrese de que la cobertura sea a fondo cuando emplee tratamientos de rociado para mojar con equipo de mano. Cuando se utilice equipo manual para tratamientos puntuales localizados de bajo volumen, aplique una solución de 4- a 8-por ciento de este producto.

Espere 7 días o más después de la aplicación antes de labrar. Si la maleza ha sido podada o labrada, no aplique el tratamiento hasta que la maleza haya crecido a la etapa recomendada. Los tratamientos otoñales deben aplicarse antes de las heladas.

Para controlar malezas que surjan de semillas o partes bajo tierra, deberá repetirse el tratamiento.

ESPECIES DE MALEZAS	PROPORCIÓN (cuartos por acre)	% DE SOLUCIÓN DE MANO
Alfalfa*	0.7	1.5
Alligatorweed*	3.0	1.3
Anise (fennel)	1.5-3.0	1.0-1.5
Bahiagrass	2.3-3.75	1.5
Beachgrass, European (<i>Ammophila arenaria</i>)	-	3.5
Bentgrass*	1.0	1.5
Bermudagrass	4.0	1.5
Bermudagrass, water (knotgrass)	1.0	1.5
Bindweed, field	3.0-3.75	1.5
Bluegrass, Kentucky	1.5-2.3	0.75
Blueweed, Texas	3.0-3.75	1.5
Brackenfern	2.3-3.0	0.75-1.0
Bromegrass, smooth	1.5-2.3	0.75
Bursage, woolly-leaf	-	1.5
Canarygrass, reed	1.5-2.3	0.75
Cattail	2.3-3.75	0.75
Clover, red, white	2.3-3.75	1.5
Cogongrass	2.3-3.75	1.5
Cordgrass	2.3-3.75	1.0-2.0
Cutgrass, giant	3.0	1.0
Dallisgrass	2.3-3.75	1.5
Dandelion	2.3-3.75	1.5
Dock, curly	2.3-3.75	1.5
Dogbane, hemp	3.0	1.5
Fescue (except tall)	2.3-3.75	1.5
Fescue, tall	2.3	1.0
Guineagrass	2.3	0.75
Hemlock, poison	1.5-3.0	0.75-1.5
Horsenettle	2.3-3.75	1.5
Horseradish	3.0	1.5
Iceplant	1.5	1.5
Ivy; German, cape	1.5-3.0	0.75-1.5
Jerusalem artichoke	2.3-3.75	1.5
Johnsongrass	1.5-2.3	0.75
Kikuyugrass	1.5-2.3	0.75
Knapweed	3.0	1.5
Lantana	-	0.75-1.0
Lespedeza	2.3-3.75	1.5
Loosestrife, purple	2.0	1.0-1.5
Lotus, American	2.0	0.75
Maidencane	3.0	0.75
Milkweed, common	2.3	1.5
Muhly, wirestem	1.5-2.3	0.75
Mullein, common	2.3-3.75	1.5
Napiergrass	2.3-3.75	1.5
Nightshade, silverleaf	3.0-3.75	1.5
Nutsedge, purple, yellow	2.3	0.75
Orchardgrass	1.5-2.3	0.75
Pampasgrass	2.3-3.75	1.5
Paragrass	3.0	0.75
Pepperweed, perennial	3.0	1.5
Phragmites*	2.0-3.75	0.75-1.5
Quackgrass	1.5-2.3	0.75
Redvine*	1.5	1.5
Reed, giant (<i>Arundo donax</i>)	3.0-3.75	1.5
Ryegrass, perennial	1.5-2.3	0.75
Salvinia, giant	3.0-3.75	2.0
Smartweed, swamp	2.3-3.75	1.5

ESPECIES DE MALEZAS	PROPORCIÓN (cuartos por acre)	% DE SOLUCIÓN DE MANO
Spatterdock	3.0	0.75
Spurge, leafy*	—	1.5
Starthistle, yellow	—	1.5
Sweet potato, wild*	—	1.5
Thistle, artichoke	1.5–2.3	2.0
Thistle, Canada	1.5–2.3	1.5
Timothy	1.5–2.3	1.5
Torpedograss*	3.0–3.75	0.75–1.5
Trumpet creeper*	1.5–2.3	1.5
Tules, common	—	1.5
Vaseygrass	2.3–3.75	1.5
Velvetgrass	2.3–3.75	1.5
Waterhyacinth	2.5–3.0	0.75–1.0
Waterlettuce	—	0.75–1.0
Waterprimrose	—	0.75
Wheatgrass, western	1.5–2.3	0.75

*Control parcial

Alligatorweed (Alternanthera)—Aplique 3 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 1.3% con equipo de mano para lograr el control parcial de alligatorweed. Aplique cuando la mayoría de las plantas esté en floración. Para mantener el control, deberá repetir la aplicación.

Beachgrass, European; Barrón o grama del norte (Ammophila arenaria)—Aplique una solución de este producto al 8 por ciento más un 0.5 a 1.5 por ciento de surfactante no iónico para rociado o aplicación mojada de bajo volumen. Se obtienen los mejores resultados al efectuar la aplicación cuando el barrón está saliendo de la bota para alcanzar las etapas de desarrollo completo. En el otoño, aplique el producto antes de que el número de hojas verdes se reduzca a menos del 50 por ciento. No aplique el tratamiento cuando la maleza está afectada por sequía. Tal vez sea necesario repetir las aplicaciones.

Bermudagrass—Aplique 4 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 1.5% con equipo de mano. Aplique cuando las plantas estén en pleno crecimiento y cuando aparezca la vaina de las semillas.

Bindweed, field / Silverleaf Nightshade (Hierba mora) / Texas Blueweed—Aplique 3 a 3.75 cuartos de herbicida de AquaMaster por acre por aspersión diseminada al oeste del Río Mississippi y 2.3 a 3 cuartos por acre al este de dicho río. Cuando utilice equipo de mano, use una solución al 1.5%. Aplique cuando las plantas estén en pleno crecimiento y estén floreciendo o ya hayan florecido. Para silverleaf nightshade, los mejores resultados se obtienen cuando la aplicación se realiza luego de formadas las bayas. No aplique cuando la maleza esté debilitada por sequía. El desarrollo de nuevas hojas indica que hay un crecimiento activo. Los mejores resultados se obtienen cuando se aplica a fines del verano o durante el otoño.

Brackenfern—Aplique 2.3 a 3 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 0.75-1% con equipo de mano. Aplique a las frondas crecidas que tengan al menos 18 pulgadas (45 cm) de longitud.

Cattail (Tifa)—Aplique 2.3 a 3 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 0.75% con equipo de mano. Aplique cuando las plantas estén en pleno crecimiento y cuando estén floreciendo o ya hayan florecido. Los mejores resultados se obtienen cuando se aplica en el verano o durante el otoño.

Cogongrass (Zacate Fucgo)—Aplique 2.3 a 3.75 cuartos de herbicida de AquaMaster por acre por aspersión diseminada. Aplique cuando el cogongrass tengan al menos 18 pulgadas (45 cm) de altura y esté en pleno crecimiento a fines del verano o durante el otoño. Luego de la aplicación y antes de remover o cortar las plantas, deje transcurrir 7 días o más. Debido a las distintas etapas de crecimiento y a lo tupido de la vegetación, que impide realizar una cobertura homogénea, para mantener el control podría ser necesario efectuar repetidas aplicaciones.

Cordgrass (Espartina)—Aplique 2.3 a 3.75 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 1-2% con equipo de mano. Programe la aplicación de modo de que transcurran al menos 6 horas desde la aplicación hasta que las plantas tratadas sean cubiertas por la marea. La presencia de escombros u otros restos sobre las plantas reducirá la efectividad del producto aplicado. Para mejorar la absorción del herbicida sobre las plantas, podría ser necesario lavar éstas antes de proceder a la aplicación.

Cutgrass, giant—Aplique 3 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 1% con equipo de mano para lograr el control parcial de cutgrass. Para mantener el control, deberá repetirse la aplicación, sobre todo en sitios donde la vegetación esté parcialmente sumergida en agua. Antes de repetir la aplicación, deje que las plantas vuelvan a crecer, hasta llegar a la etapa en que poseen 7 a 10 hojas.

Dogbane, hemp / Knapweed / Horseradish—Aplique 3 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 1.5% con equipo de mano. Aplique cuando las plantas estén en pleno crecimiento y cuando la mayoría de ellas haya llegado a la etapa de comienzo del florecimiento. Los mejores resultados se obtienen cuando se aplica a finales del verano o durante el otoño.

Fescue, tall—Aplique 2.3 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 1% con equipo de mano. Aplique cuando las plantas

estén en pleno crecimiento y cuando la mayoría de ellas haya llegado a la etapa de floración. Cuando se aplica antes de floración, el control no resulta tan efectivo.

Guineagrass (Zacate guinea)—Aplique 2.3 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 0.75% con equipo de mano. Aplique cuando las plantas estén en pleno crecimiento y cuando la mayoría de ellas haya llegado a una etapa donde tenga al menos 7 hojas.

Johnsongrass (Zacate Johnson) / Bluegrass, Kentucky / Bromegrass, smooth / Canarygrass, reed / Orchardgrass / Ryegrass, perennial / Timothy / Wheatgrass, western—Aplique de herbicida de AquaMaster 1.5 a 2.3 cuartos por acre por aspersión diseminada o como una solución al 0.75% con equipo de mano. Aplique cuando las plantas estén en pleno crecimiento y cuando la mayoría de ellas haya llegado a la etapa del comienzo de floración. Cuando se aplica antes del comienzo de floración, el control no resulta tan efectivo. En el otoño, aplique antes de que las plantas se tornen marrones.

Lantana—Aplique herbicida de AquaMaster como una solución al 0.75% a 1% con equipo de mano. Aplique a la lantana en crecimiento activo durante o luego del florecimiento. Si las plantas hubieran llegado a la etapa de crecimiento leñoso, utilice la concentración más alta.

Loosestrife, purple—Aplique 2 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 1-1.5% con equipo de mano. Aplique cuando las plantas estén en pleno crecimiento y cuando estén floreciendo o ya hayan florecido. Los mejores resultados se obtienen cuando se aplica en el verano o durante el otoño. El tratamiento en otoño debe efectuarse antes de que se produzcan heladas.

Lotus, American (Lirio)—Aplique 2 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 0.75% con equipo de mano. Aplique cuando las plantas estén en pleno crecimiento y cuando estén floreciendo o ya hayan florecido. Los mejores resultados se obtienen cuando se aplica en el verano o durante el otoño. El tratamiento en otoño debe efectuarse antes de que se produzcan heladas. Podría ser necesario repetir el tratamiento para controlar el crecimiento a partir de semillas o de partes enterradas de la planta.

Maidencane / Paragrass (Pasto Pará)—Aplique 3 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 0.75% con equipo de mano. Podría ser necesario repetir la aplicación, sobre todo en sitios donde la vegetación esté parcialmente sumergida en agua. En estas condiciones, deje que las plantas vuelvan a crecer hasta que posean 7 a 10 hojas antes de repetir el tratamiento.

Milkweed, common—Aplique 2.3 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 1.5% con equipo de mano. Aplique cuando las plantas estén en pleno crecimiento y cuando la mayoría haya llegado a la etapa de pasaje de capullo a flor.

Nutsedge: purple, yellow (coquito, coyolito)—Aplique 2.3 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 0.75% con equipo de mano para controlar plantas de nutsedge existentes y los frutos inmaduros de éstas. Aplique cuando las plantas estén en flor o cuando se vean nuevos frutos en la punta de los rizomas. Los frutos que aún no hubieran germinado no serán controlados y podrían germinar luego del tratamiento. Para lograr un control a largo plazo, deberán repetirse los tratamientos.

Pampasgrass—Aplique herbicida de AquaMaster como una solución al 1.5% con equipo de mano cuando las plantas estén en crecimiento activo.

Phragmites—Para controlar parcialmente phragmites en Florida y en los condados de otros estados a orillas del Golfo de México, aplique 3.75 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 1.5% con equipo de mano. En otras áreas de los Estados Unidos, el control parcial se logra aplicando 2 a 3 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 0.75% con equipo de mano. Los mejores resultados se obtienen cuando se aplica a finales del verano o durante el otoño, cuando las plantas están creciendo activamente y en pleno florecimiento. Dada la densidad natural de esta vegetación, que podría dificultar una cobertura uniforme del follaje, así como la existencia de plantas en distinto estado de crecimiento, podría ser necesario repetir los tratamientos para mantener el control. Los síntomas de control que se aprecian a simple vista podrían demorar en manifestarse.

Quackgrass / Kikuyugrass / Muhly, wirestem—Aplique 1.5 a 2.3 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 0.75% con equipo de mano cuando la mayoría de las plantas quackgrass o wirestem muhly tengan, como mínimo, 8 pulgadas (20 cm) de altura (3 a 4 hojas) y estén creciendo activamente. Luego de la aplicación y antes de remover las plantas, deje transcurrir 3 días o más.

Reed, giant (Carrizo) / Ice Plant—Aplique herbicida de AquaMaster como una solución al 1.5% con equipo de mano cuando las plantas estén en pleno crecimiento. Para giant reed, los mejores resultados se obtienen cuando se aplica a fines del verano o durante el otoño.

Salvinia gigante—Aplique como una solución de rocío para mojar al 2.0% v/v con 0.5 a 2.0% v/v de surfactante no iónico que contenga al menos 70% de ingrediente activo. Para aplicaciones al voleo, aplique de 3 a 3.75 cuartos de galón de este producto con un sistema de surfactante aprobado acuático que contenga 0.1% v/v de organosilicona no iónica y 0.25% v/v surfactante adherente penetrante no iónico en 3 a 40 galones por acre como tratamiento al voleo.

Spatterdock—Aplique 3 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 0.75% con equipo de mano. Aplique cuando la mayoría de las plantas estén floreciendo. Los mejores resultados se obtienen cuando se aplica en el verano o durante el otoño.

Sweet potato, wild (boniato/batata silvestre)—Aplique herbicida de AquaMaster como una solución al 1.5% con equipo de mano cuando las plantas estén en pleno crecimiento, durante o luego del florecimiento. Se necesitarán varias aplicaciones. Antes de repetir el tratamiento, deje que la planta llegue a la etapa de crecimiento especificado.

Thistle (cardo): Canada, artichoke—Aplique 1.5 a 2.3 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 1.5% con equipo de mano para el cardo Canada. Para controlar cardo artichoke, aplique una solución al 2% de modo de mojar toda la superficie. Aplique cuando las plantas estén creciendo activamente y tengan capullos o hayan florecido.

Torpedograss—Aplique 3 a 3.75 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 0.75-1.5% con equipo de mano para lograr un control parcial. Use las concentraciones menores si aplica sobre tierra y las concentraciones mayores si aplica sobre plantas parcialmente sumergidas o flotantes. Para mantener el control, deberá repetir los tratamientos.

Tules, common—Aplique herbicida de AquaMaster como una solución al 1.5% con equipo de mano cuando las plantas estén creciendo activamente, durante o luego de la aparición de las vainas. Después de la aplicación, los síntomas del efecto demorarán en aparecer y tal vez no se aprecien hasta transcurridas 3 semanas o más.

Waterhyacinth (Jacinto de agua)—Aplique 2.5 a 3 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 0.75-1% con equipo de mano cuando las plantas estén creciendo activamente, durante o luego de las primeras etapas del florecimiento. Después de la aplicación, los síntomas del efecto demorarán 3 semanas o más en aparecer. La necrosis y total descomposición suele ocurrir dentro de los 60 a 90 días posteriores a la aplicación. Si desea que los efectos se aprecien más rápidamente, utilice las concentraciones más altas.

Waterlettuce (Lechuga de agua)—Para control, aplique herbicida de AquaMaster como una solución al 0.75-1% con equipo de mano cuando las plantas estén creciendo activamente. Use concentraciones mayores si el enmalezado fuera grave. Los mejores resultados se obtienen cuando la aplicación se realiza desde mediados de verano hasta el invierno. Si la aplicación se realizara en la primavera, tal vez deba repetirse el tratamiento.

Waterprimrose (Clautio)—Aplique herbicida de AquaMaster como una solución al 0.75% con equipo de mano cuando las plantas estén creciendo activamente, durante o luego de la etapa del florecimiento y antes de que ocurran los cambios de color típicos del otoño. El mejor control se logra cuando la cobertura es completa.

Otras malezas perennes mencionadas en esta etiqueta—Aplique 2.3 a 3.75 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 0.75-1.5% con equipo de mano, cuando las plantas estén creciendo activamente y la mayoría haya llegado a las primeras etapas de florecimiento.

9.3 Matorrales leñosos y árboles

Aplique este producto después de la formación completa de hojas, a menos que se indique de otra manera. Para las plantas más grandes y/o donde la densidad de la vegetación sea alta, use la proporción más alta. En las plantas enredaderas que han alcanzado el estado leñoso de crecimiento, use las proporciones más altas. Los mejores resultados se obtienen cuando se aplica a finales del verano o en el otoño, después de la formación de frutos.

En zonas áridas, se obtienen mejores resultados cuando se aplica en la primavera o a principios del verano cuando las especies que crecen como matorrales tienen alto contenido de humedad y florecen.

Cuando haga tratamientos de rociado para mojar con equipos de mano, asegúrese de que la cobertura sea total. Cuando use equipos de mano para tratamientos localizados con rociado dirigido de poco volumen, aplique una solución del 4- al 8-por ciento de este producto.

Es posible que los síntomas no aparezcan antes de las heladas o del envejecimiento con tratamientos de otoño.

Permita que pasen 7 o más días después de la aplicación antes de labrar, segar o remover. Es posible que se necesite repetir el tratamiento para tratar plantas que emergen de partes enterradas o de semillas. Un poco de colorido otoñal es aceptable en plantas indeseables que pierden las hojas en el otoño, siempre y cuando no hayan sufrido mayor pérdida de hojas. Si la aplicación de otoño se realiza después de que hayan ocurrido heladas, es posible que se obtengan resultados deficientes.

ESPECIES DE MALEZAS	PROPORCIÓN (cuartos por acre)	% DE SOLUCIÓN DE MANO DE ROCIADO PARA MOJAR
Alder	2.3-3.0	0.75-1.2
Ash*	1.5-3.75	0.75-1.5
Aspen, quaking	1.5-2.3	0.75-1.2
Bearclover (Bearmat)*	1.5-3.75	0.75-1.5
Beech*	1.5-3.75	0.75-1.5
Birch	1.5	0.75
Blackberry	2.3-3.0	0.75-1.2
Blackgum	1.5-3.75	0.75-1.5
Bracken	1.5-3.75	0.75-1.5
Broom; French, Scotch	1.5-3.75	1.2-1.5
Buckwheat, California*	1.5-3.0	0.75-1.5
Cascara*	1.5-3.75	0.75-1.5
Castorbean	-	1.5

Catsclaw*	-	1.2-1.5
Ceanothus*	1.5-3.75	0.75-1.5
Chamise*	1.5-3.75	0.75
Cherry; bitter, black, pin	1.5-3.75	1.0-1.5
Cottonwood, eastern	1.5-3.75	0.75-1.5
Coyote brush	2.3-3.0	1.2-1.5
Cypress; swamp, bald	1.5-3.75	0.75-1.5
Deerweed	1.5-3.75	0.75-1.5
Dewberry	2.3-3.0	0.75-1.2
Dogwood*	3.0-3.75	1.0-2.0
Elderberry	1.5	0.75
Elm*	1.5-3.75	0.75-1.5
Eucalyptus	-	1.5
Gallberry	1.5-3.75	0.75-1.5
Gorse*	1.5-3.75	0.75-1.5
Hackberry, western	1.5-3.75	0.75-1.5
Hasardia*	1.5-3.0	0.75-1.5
Hawthorn	1.5-2.3	0.75-1.2
Hazel	1.5	0.75
Hickory*	3.0-3.75	1.0-2.0
Honeysuckle	2.3-3.0	0.75-1.2
Hornbeam, American*	1.5-3.75	0.75-1.5
Huckleberry	1.5-3.75	0.75-1.5
Ivy, poison	3.0-3.75	1.5
Knotweed; Bohemian, Giant, Japanese**	-	-
Kudzu	3.0	1.5
Locust, black*	1.5-3.0	0.75-1.5
Madrone resprouts*	-	1.5
Magnolia, sweetbay	1.5-3.75	0.75-1.5
Manzanita*	1.5-3.75	0.75-1.5
Maple, red	1.0-3.75	0.75-1.2
Maple, sugar	-	0.75-1.2
Maple, vine*	1.5-3.75	0.75-1.5
Monkey flower*	1.5-3.0	0.75-1.5
Oak; black, white*	1.5-3.0	0.75-1.5
Oak, northern, pin	1.5-3.0	0.75-1.2
Oak, poison	3.0-3.75	1.5
Oak, post	2.3-3.0	0.75-1.2
Oak, red	-	0.75-1.2
Oak, scrub*	1.5-3.0	0.75-1.5
Oak, southern red	1.5-3.75	1.0-1.5
Orange, Osage	1.5-3.75	0.75-1.5
Peppertree, Brazilian (Florida holly)*	1.5-3.75	1.5
Persimmon*	1.5-3.75	0.75-1.5
Pine	1.5-3.75	0.75-1.5
Poplar, yellow*	1.5-3.75	0.75-1.5
Prunus	1.5-3.75	1.0-1.5
Raspberry	2.3-3.0	0.75-1.2
Redbud, eastern	1.5-3.75	0.75-1.5
Redcedar, eastern	1.5-3.75	0.75-1.5
Rose, multiflora	1.5	0.75
Russian olive*	1.5-3.75	0.75-1.5
Sage, black	1.5-3.0	0.75
Sage, white*	1.5-3.0	0.75-1.5
Sage brush, California	1.5-3.0	0.75
Salmonberry	1.5	0.75
Saltbush	-	1.0
Saltcedar**	1.5-3.75	0.75-1.5
Sassafras*	1.5-3.75	0.75-1.5
Sea Myrtle	-	1.0
Sourwood*	1.5-3.75	0.75-1.5
Sumac; laurel, poison, smooth, sugarbush, winged*	1.5-3.0	0.75-1.5
Sweetgum	1.5-2.3	0.75-1.5
Swordfern*	1.5-3.75	0.75-1.5
Tallowtree, Chinese	-	0.75
Tan oak resprouts*	-	1.5
Thimbleberry	1.5	0.75
Tobacco, tree*	1.5-3.0	0.75-1.5
Toyon*	-	1.5
Trumpet creeper	1.5-2.3	0.75-1.2
Vine maple*	1.5-3.75	0.75-1.5
Virginia creeper	1.5-3.75	0.75-1.5
Waxmyrtle, southern*	1.5-3.75	1.5
Willow	2.3	0.75
Yerba Santa, California*	-	1.5

*Control parcial

**Consulte las instrucciones específicas más adelante

Alder (Aliso) / Blackberry (Zarza) / Dewberry (Zarza) / Honeysuckle (Madreselva) / Oak, Post / Raspberry (Frambuesa)—Para control, aplique 2.3 a 3 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 0.75-1.2% con equipo de mano.

Aspen, Quaking (Álamo) / Hawthorn (Espino) / Trumpet creeper (Trompeta)—Para control, aplique 1.5 a 2.3 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 0.75-1.2% con equipo de mano.

Birch (Abedul) / Elderberry (Saúco) / Hazel (Avellano) / Salmonberry / Thimbleberry—Para control, aplique 1.5 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 0.75% con equipo de mano.

Broom (Retama): French, Scotch—Para control, aplique una solución al 1.2-1.5% con equipo de mano.

Buckwheat, California (Alforfón) / Hasardia / Monkey Flower / Tobacco, Tree (Tobaco, árbol)—Para control parcial de estas especies, aplique una solución al 0.75-1.5% sobre las hojas mediante equipo de mano. Para lograr los mejores resultados es necesario cubrir completamente el follaje.

Castorbean (Semilla de ricino)—Para control, aplique una solución al 1.5 por ciento de este producto con equipo manual.

Catsclaw (Uña de gato)—Para control parcial, aplique una solución al 1.2-1.5% con equipo de mano, cuando al menos el 50% de las hojas nuevas esté totalmente desarrollado.

Cherry (Cerezo): Bitter (Amargo), Black (Negro), Pin / Oak, Southern Red (Rojo del Sur) / Sweet Gum (Liquidambar) / Prunus—Para control, aplique 1.5 a 3.75 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 1.0-1.5% con equipo de mano.

Coyote brush—Para control, aplique una solución al 1.2-1.5% con equipo de mano, cuando al menos el 50% de las hojas nuevas esté totalmente desarrollado.

Dogwood / Hickory (Nogal)—Para control parcial, aplique herbicida de AquaMaster como una solución al 1-2% con equipo de mano o a razón de 3 a 3.75 cuartos por acre por aspersión diseminada.

Eucalyptus, (Eucalipto) Bluegum—Para controlar los nuevos brotes de eucaliptos, aplique herbicida de AquaMaster como una solución al 1.5% con equipo de mano cuando los brotes tengan 6 a 12 pies (1.8 a 3.6 m) de altura. Verifique que la cobertura sea completa. Aplique cuando las plantas estén creciendo activamente. Evite aplicar cuando las plantas estén debilitadas por sequía.

Knotweed; Bohemian, Giant, Japanese (*Polygonum bohemicum, P. sachalinense and P. cuspidatum*)—Centidonia: Bohemia, Gigante, Japonesa (*Polygonum cuspidatum bohemicum, P. sachalinense y P. cuspidatum*)

Inyección en el tallo. Vea la sección "Inyección en el tallo" hueco de esta etiqueta.

Tallo cortado. Corte los tallos limpiamente justo debajo del segundo o tercer nodo sobre la superficie de la tierra. Aplique de inmediato 0.36 onza líquidas (10 mL) de solución de este producto al 50 por ciento en el "pozo" o espacio internodal que queda. Asegure que se recolecte y deseche todo el material superior de las plantas, para que no tenga contacto con tierra y se regeneren las plantas a partir de los bulbos germinantes. Se recomienda usar una barrera biológica, como cartón, madera terciada o plástico.

El total de los tratamientos combinados no debe exceder 8 galones por acre. A razón de 10 mL de una solución al 50 por ciento, pueden tratarse aproximadamente 1500 tallos por acre.

Kudzu (Kudzú)—Para control, aplique 3 de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 1.5% con equipo de mano. Para mantener el control, las aplicaciones deberán repetirse.

Maple (Arce), Red (rojo)—Para control, aplique una solución al 0.75-1.2% con equipo de mano cuando las hojas estén totalmente desarrolladas. Para control parcial, aplique 1 a 3.75 de herbicida de AquaMaster por acre por aspersión diseminada.

Maple (Arce), Sugar (azúcar) / Oak (Roble): Northern Pin (pino del norte), Red (rojo)—Para control, aplique una solución al 0.75-1.2% con equipo de mano, cuando al menos el 50% de las hojas nuevas esté totalmente desarrollado.

Peppertree, Brazilian (Molle, Brasílero) (Holly, Florida) / Waxmyrtle, Southern—Para control parcial, aplique una solución de herbicida de AquaMaster al 1.5% con equipo de mano.

Poison Ivy (Hiedra venenosa) / Poison Oak (Zumaque)—Para control, aplique 3 a 3.75 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 1.5% con equipo de mano. Para mantener el control, tal vez sea necesario repetir las aplicaciones. Los tratamientos en otoño deberán efectuarse antes de que las hojas pierdan su color verde.

Rose, Multiflora (Rosa)—Para control, aplique 1.5 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 0.75% con equipo de mano. Los tratamientos deberán efectuarse antes de que las hojas se deterioren debido a insectos que se alimenten de ellas.

Sage, Black / Sagebrush, California / Chamise / Tallowtree, Chinese (Arbol de Melissa)—Para control de estas especies, aplique una solución al 0.75% sobre las hojas mediante equipo de mano. Para lograr los mejores resultados es necesario cubrir completamente el follaje.

Saltbush, Sea myrtle—Para control, aplique una solución de herbicida de AquaMaster al 1% con equipo de mano.

Saltcedar (Pino salado)—Para lograr un control parcial, aplique una solución de este producto al 1- a 2-por ciento con equipo manual, 6 3 a 3.75 cuartos por acre como rociado difundido. Para el control total, aplique una solución de este producto al 1- a 2-por ciento mezclada con 0.25 por ciento de Arsenal, utilizando equipo manual. Para el control con aplicación difundida, aplique una mezcla en tan que de 1.5 cuartos de este producto con 1 pinta de Arsenal a las planta de menos de 6 pies de altura. Para controlar pinos salados de más de 6 pies de altura mediante aplicaciones difundidas, aplique una mezcla en tanque de 3 cuartos de producto con 2 pintas de Arsenal.

Willow (Sauce)—Para control, aplique 2.3 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 0.75% con equipo de mano.

Otros arbustos leñosos y árboles que figuran en esta etiqueta—Para control parcial, aplique 1.5 a 3.75 cuartos de herbicida de AquaMaster por acre por aspersión diseminada o como una solución al 0.75-1.5% con equipo de mano.

10.0 LIMITES EN LA GARANTIA Y EN LA RESPONSABILIDAD

Monsanto Compañía garantiza que este producto concuerda con la descripción química de la etiqueta y es razonablemente adecuado para los propósitos descritos en el librito titulado Instrucciones Completas para el Uso ("Instrucciones") cuando se usa de acuerdo con dichas Instrucciones y las condiciones que allí se detallan. NO SE HACE NINGUNA OTRA GARANTIA EXPRESA O IMPLICITA ACERCA DE LA IDONEIDAD PARA UN USO PARTICULAR O COMERCIALIZACIÓN. Esta garantía está sujeta también a las condiciones y limitaciones que aquí se indican.

El comprador y todos los usuarios deberán reportar con prontitud a esta Compañía acerca de cualquier reclamo que se base en un contrato, negligencia, estricta responsabilidad, y otros actos ilícitos.

En la medida que lo permita la ley, el comprador y todos los usuarios son responsables por todas las pérdidas o daños que resultasen por el uso o manipulación en condiciones que estén más allá del control de esta Compañía, incluyendo pero no limitándose a: incompatibilidad con productos que no sean los señalados en las Instrucciones, aplicación o contacto con vegetación que no se quiera destruir, condiciones climáticas inusuales, condiciones de clima que estén fuera de los límites que se consideran normales en el lugar de la aplicación y para el período de tiempo en el cual se aplica, así como condiciones de clima que estén fuera de los límites indicados en las Instrucciones, aplicaciones que no estén explícitamente aconsejadas en las Instrucciones, condiciones de humedad que estén fuera de los límites establecidos en las Instrucciones, o la presencia de productos en la tierra o sobre ella, en las plantas o en la vegetación que se está tratando, diferentes a los indicados en las Instrucciones.

Monsanto Compañía no garantiza ninguno de los productos reformulados o reempacados de este producto, excepto de acuerdo a los requisitos de la administración de esta Compañía y con el permiso escrito expreso de esta Compañía.

LA UNICA Y EXCLUSIVA COMPENSACION AL USUARIO O COMPRADOR Y EL LIMITE DE RESPONSABILIDAD DE ESTA COMPAÑIA O DE CUALQUIER OTRO VENDEDOR POR CUALQUIER PERDIDA O POR TODAS LAS PERDIDAS, PERJUICIOS O DAÑOS QUE RESULTASEN DEL USO O MANEJO DE ESTE PRODUCTO (INCLUYENDO RECLAMOS QUE SE BASEN EN UN CONTRATO, NEGLIGENCIA, ESTRUCTA RESPONSABILIDAD Y OTROS ACTOS ILICITOS) SERA EL PRECIO PAGADO POR EL USUARIO O EL COMPRADOR POR LA CANTIDAD INVOLUCRADA DE ESTE PRODUCTO, O A ELECCION DE ESTA COMPAÑIA O DE OTRO VENDEDOR, EL REEMPLAZO DE DICHA CANTIDAD, O SI NO SE OBTUVO MEDIANTE COMPRA SE REEMPLAZARA DICHA CANTIDAD DEL PRODUCTO. EN NINGUN CASO ESTA COMPAÑIA U OTRO VENDEDOR SERAN RESPONSABLES POR DAÑOS INCIDENTALES, CONSECUENTES O ESPECIALES.

En el momento de abrir y usar el producto, se asume que el comprador y todos los usuarios han aceptado las condiciones de los LIMITES EN LA GARANTIA Y EN LA RESPONSABILIDAD que no pueden variar por medio de ningún acuerdo verbal o escrito. Si las condiciones son inaceptables, devuelva el producto inmediatamente sin abrir el recipiente.

AquaMaster, Certainty, Outrider y Monsanto y el Vine diseño es una marca comercial de la empresa Monsanto Technology LLC.

Todas las otras marcas registradas son la propiedad de sus dueños respectivos.

Registro en la EPA N° 524-343

Embalado Para:
MONSANTO COMPANY
800 N. LINDBERGH BLVD.
ST. LOUIS, MISSOURI, 63167 U.S.A.
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061709

Construction Completion and Inspection Certification for Activities Associated with a Private Single-Family Dwelling Unit

Instructions: This form is intended to be used solely by or for the permittee of a private single-family dwelling unit, duplex, triplex, or quadruplex that is not part of a larger plan of development proposed by the applicant/permittee. **Complete the information on this form, sign at the bottom of Page 2, and submit this form within 30 days of the inspection.**

Permit No.:

Application No.:

Name of Permittee:

Location of Project:

I Hereby Certify That (please check only one box):

- The undersigned hereby certifies that all components of the project **authorized by the above permit have been conducted and/or built substantially in accordance with the terms and conditions of the permit**, that the project is functioning as permitted, and that the project is ready for inspection. Any minor deviations (noted below) from the permit will not prevent the project from functioning and operating as designed, subject to routine custodial maintenance. This certification is based upon on-site inspection of the project conducted by me or my designee under my direct supervision and my review of the permit. If the undersigned is not the permittee, I further certify that I am acting for, and on behalf of, the permittee.

Upon receipt of this form, and verification by the Permitting Agency that any modifications are noted, the construction phase of this permit shall automatically convert to an operation and maintenance phase.

- The undersigned hereby certifies that I or my designee under my direct supervision has inspected the project located at the above location and have determined that the project **does NOT appear to have been built or conducted substantially in accordance with the permit** or is not functioning in accordance with the requirements of the permit. One of the following applies:
- The project was constructed or conducted with substantial design changes that are not in conformance with the permit (attach description and permit drawings showing all changes), and either:
- I, the permittee, am aware that additional work is required to bring the project into compliance with the terms and conditions of the permit; or
 - I, the agent inspecting the project on behalf of and for the permittee, have informed the permittee of the following:
 - (a) That the project does not appear to be functioning properly; and
 - (b) That additional construction or work is required to bring the project into compliance.



The following components of the project do not appear to be functioning properly (attach additional pages if needed):

Any components of the project that are not in conformance with the permit must either be brought into compliance with the permit within 30 days of the inspection, or the permittee must request a modification of the permit in accordance with Rule 62-330.315, F.A.C., within 30 days of the inspection. If the modification request is not approved, the components of the project that are not in conformance with the permit are subject to enforcement action under Sections 373.119, .129, .136, and .430, F.S. If modifications are approved and implemented by the permittee, the permittee shall resubmit this form within 30 days of completion of the remedial work on the permitted project.

Name of Inspector: _____ who is: the permittee; the agent for the permittee

Company Name (if applicable): _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Fax: _____ Email: _____

Signature of Inspector _____ Date: _____

If at any time the Permitting Agency determines that the above project was not built or conducted in conformance with the terms and conditions of the permit, the permittee shall be subject to enforcement by the Permitting Agency for all measures required to bring the project into compliance with the permit. The permittee shall remain liable for ensuring that the project remains in full and complete compliance with the terms of the permit for the life of the system, unless such permit is transferred in accordance with Rule 62-330.340, F.A.C.

Item Cover Page

PLANNING COMMISSION MEETING AGENDA ITEM REPORT

DATE: May 20, 2026

SUBMITTED BY: Jake Arjona, Planning & Community Development

ITEM TYPE: Resolution

AGENDA SECTION: **AGENDA ITEMS**

SUBJECT: **Quasi-Judicial:** FINAL ORDER PLN-VAR-26-0002 - PUBLIC HEARING
FINAL ORDER OF THE PLANNING COMMISSION FOR THE CITY OF BRADENTON, FLORIDA, APPROVING VARIANCE NO. PLN-VAR-26-0002 TO ALLOW AN ACCESSORY STRUCTURE (PERGOLA) TO BE CONSTRUCTED IN THE FRONT YARD; FOR PROPERTY LOCATED AT 1700 21ST AVENUE WEST, BRADENTON, FLORIDA (PARCEL ID NO. 4456000159), AS MORE PARTICULARLY DESCRIBED HEREIN; PROVIDING FOR SEVERABILITY; PROVIDING FOR RECORDATION; AND PROVIDING FOR AN EFFECTIVE DATE. APPLICATION FILED BY CORY OHANLAN OF C.M.B. BUILDERS, LLC (AGENT) FOR PRESBYTERIAN RETIREMENT COMMUNITIES, INC. (OWNER).

SUGGESTED ACTION: Motion to either approve or deny Final Order PLN-VAR-26-0002.

If the action is to recommend approval, staff recommends the following stipulation be applied to the approval:

1. Obtain all necessary permits prior to installation.

Is this item Quasi-Judicial?
Yes

Does this item require a public hearing?
Yes

EXPLANATION:

The applicant is requesting a variance to allow for the installation of a 12' x 12' pergola within the front yard of the subject property. The pergola is proposed to be located approximately 7-feet from the front property line along 21st Avenue and approximately 15-feet from the existing principal building.

FINANCIAL IMPACT:

N/A

ATTORNEY REVIEW/RECOMMENDATION:

Reviewed by City Attorney Rudacille.

SUGGESTED MOTION:

Motion to either approve or deny Final Order PLN-VAR-26-0002, with the stipulations recommended by staff.

ATTACHMENTS:

[Final Order PLN-VAR-26-0002](#)

[Staff Report](#)

[Application](#)

**FINAL ORDER
VARIANCE NO. PLN-VAR-26-0002**

FINAL ORDER OF THE PLANNING COMMISSION FOR THE CITY OF BRADENTON, FLORIDA, APPROVING VARIANCE NO. PLN-VAR-26-0002 TO ALLOW AN ACCESSORY STRUCTURE (PERGOLA) TO BE CONSTRUCTED IN THE FRONT YARD; FOR PROPERTY LOCATED AT 1700 21ST AVENUE WEST, BRADENTON, FLORIDA (PARCEL ID NO. 4456000159), AS MORE PARTICULARLY DESCRIBED HEREIN; PROVIDING FOR SEVERABILITY; PROVIDING FOR RECORDATION; AND PROVIDING FOR AN EFFECTIVE DATE. APPLICATION FILED BY CORY OHANLAN OF C.M.B. BUILDERS, LLC (AGENT) FOR PRESBYTERIAN RETIREMENT COMMUNITIES, INC. (OWNER).

WHEREAS, Presbyterian Retirement Communities, Inc, ("Property Owner") owns the property located at 1700 21st Ave West, Bradenton, Florida (Parcel ID 4456000159), more particularly described in Exhibit "A" (the "Property"); and

WHEREAS, the Property is developed with an existing retirement home facility, more commonly known as Westminster Manor; and

WHEREAS, the City of Bradenton Comprehensive Plan's Future Land Use Element designates the Property as RESMED (Medium Density Residential); and

WHEREAS, the City of Bradenton Official Zoning Map classifies the Property as R-2 (Medium Density Residential); and

WHEREAS, the City of Bradenton Land Use Regulations, Section 5.1, provides standards regarding accessory uses and structures for residential buildings; and

WHEREAS, the City of Bradenton Land Use Regulations, Section 5.1.2, provides that residential accessory structures shall not be located within the front yard and shall maintain a 5-foot setback from any side or rear property line; and

WHEREAS, Cory Ohanlan of C.M.B. Builders, LLC, (the “Applicant”), as authorized agent for Property Owner, submitted an application for a variance to allow an accessory structure (pergola) to be constructed in the front yard of the Property, as shown on the Site Plan attached as Exhibit “B”; and

WHEREAS, the Applicant proposes the accessory structure (pergola) as an amenity intended to enhance the quality of life for senior residents at Westminster Manor; and

WHEREAS, the Planning Commission held a noticed public hearing on May 20, 2026, at which the Planning Commission received testimony and evidence from the Applicant, City Planning staff, and members of the public in attendance; and

WHEREAS, the record of the public hearing, including the staff report, Applicant submittal materials, and testimony and evidence submitted during the hearing, are hereby incorporated and made a part of this Final Order.

NOW, THEREFORE, the Planning Commission makes the following Findings of Fact and Conclusions of Law and issues the Final Orders as follows:

Section 1. Findings of Fact and Conclusions of Law. After considering the testimony and evidence on the record presented during the public hearing, the Planning Commission hereby makes the following Findings of Fact:

- a. The Whereas clauses contained herein are hereby adopted as Findings of Fact.
- b. The Property Owner is requesting approval of a variance to allow an accessory structure (pergola) to be constructed in the front yard of the Property with a 7-foot setback from the front property line, as shown on the Site Plan attached as Exhibit “B”.
- c. The proposed variance meets all noted requirements within Section 2.2.8.1 of the Land Use Regulations, as further described below.

1. The need for the dimensional variance was not created by the Applicant's or previous owner's action, such as improper lot division, in violation of these LURs or previously effective land use regulations; and
2. Strict application of the provisions of these LUR's would deprive the Applicant of a reasonable use of his property, cause him unnecessary hardship, or deprive him or her rights commonly enjoyed by other property owners in the same Land Atlas district; and
3. The granting of the dimensional variance would not confer on the Applicant any special privilege denied to other property owners in the same Land Use Atlas district; and
4. The application is for dimensional variance and would not authorize a use otherwise prohibited by these LUR's; and
5. The dimensional variance is the minimum variance that will allow reasonable use of the Property.

Section 2. Order. Based upon the foregoing, a variance is hereby approved and issued for the Property, to allow for an accessory structure (pergola) to be constructed in the front yard of the Property with a 7-foot setback from the front property line, as generally depicted on the Site Plan attached hereto as Exhibit "B", subject to the following stipulation:

1. The Property Owner shall obtain all necessary permits prior to installation.

Section 3. State and Federal Permits. Issuance of this development permit by the City does not in any way create any right on the part of the Applicant to obtain a permit from a state or federal agency and does not create any liability on the part of the City for issuance of the permit if the Applicant fails to obtain requisite approvals or fulfill the obligations imposed by a state or federal agency or undertakes actions that result in a violation of state or federal law. The Applicant must obtain all applicable state and federal permits before commencing development or use.

Section 4. Severability. In the event that any portion or section of this Order is determined to be invalid, illegal or unconstitutional by a court of competent jurisdiction, such decisions shall in no manner affect the remaining portions or sections of the Variance which shall remain in full force and effect.

Section 5. Effective Date. The effective date of this Order shall be upon adoption and recordation of the Order in the Official Records of Manatee County. The Property Owner shall be responsible for recording the Order with the Clerk of the Court and delivering a copy of the recorded Order to the City Planning Department.

ORDERED ON BEHALF OF THE CITY OF BRADENTON THIS 20th DAY OF MAY 2026.

**THE CITY OF BRADENTON, BY AND THROUGH
THE PLANNING COMMISSION OF THE CITY OF
BRADENTON**

ATTEST:

Tamara Melton
CLERK

Michael Neal
CHAIRPERSON

"EXHIBIT A"

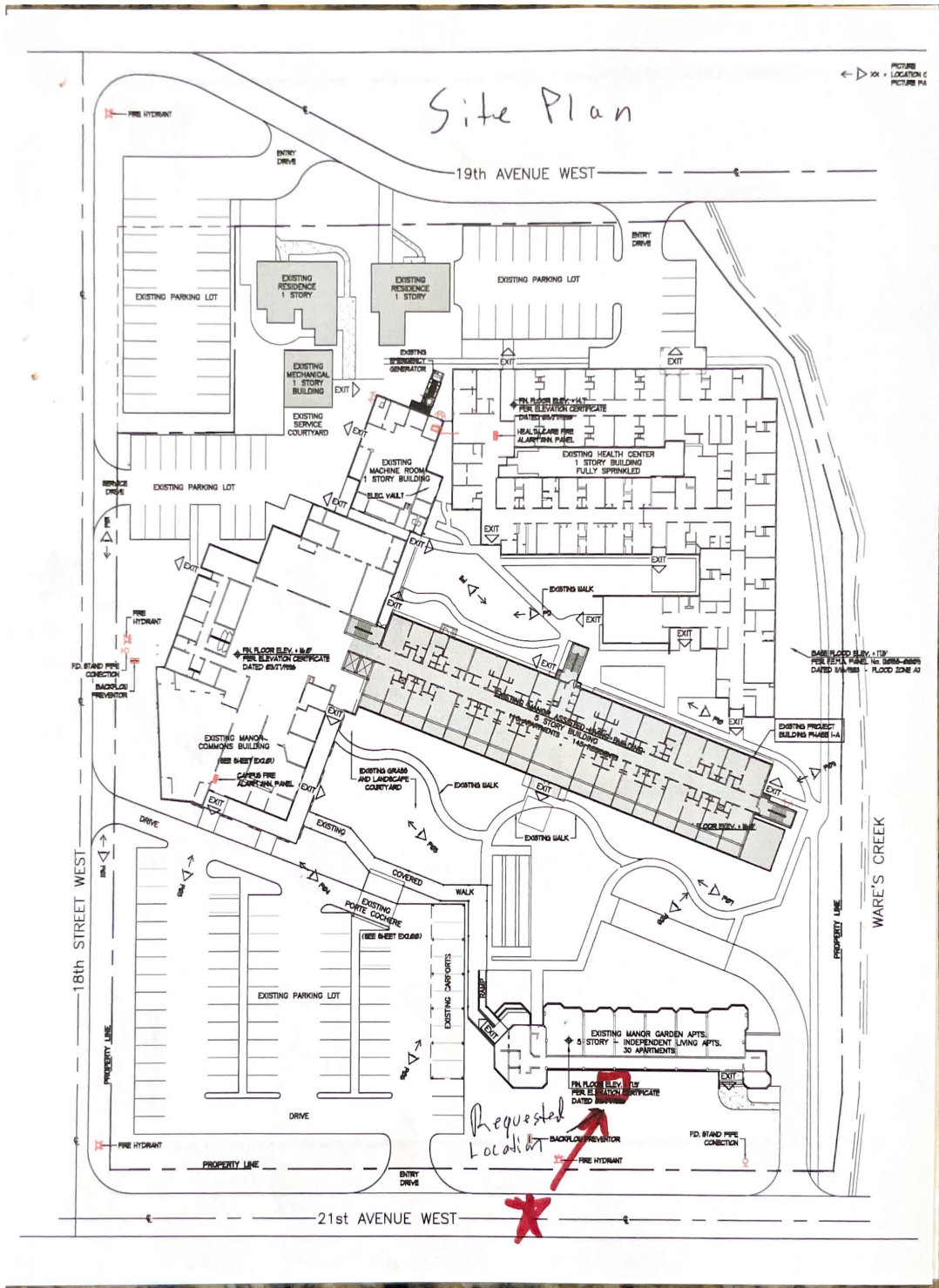
Legal Description:

BEG AT THE NE COR OF THE INTERSEC OF 18TH ST W WITH 21ST AVE W, TH GO NLY ALG THE E SIDE OF 18TH ST W A DIST OF 424.9 FT TO THE S LN OF BLK D OF SHARP & TURNERS SUB, TH GO E ALG THE S LN OF SD BLK D A DIST OF 412 FT M/L TO THE WLY LN OF WARES CREEK, TH MEANDER THE SD WLY LN OF WARES CREEK IN A SLY DIR A DIST OF 426 FT M/L TO THE N LN OF 21ST AVE W, TH GO W ALG SD N LN OF 21ST AVE W 435 FT M/L TO THE POB, SD LAND LY & BEING IN THE SW COR OF NW1/4 OF SW1/4 OF SEC 35, SUBJ TO ALL STS & RD/W AS DESC IN DB 355 P 434; ALSO: BEG AT SE COR OF BLK D SHARP & TURNER ADD, TH N 116.66 FT, TH W 195 FT, S 116.66 FT, E 195 FT, LESS PART LYING E OF C/L OF CEDAR HAMMOCK DRAIN DESC IN OR 1025 P 2907; ALSO: COM AT THE SW COR OF BLK D, TH N ON THE W BDRY OF BLK D 116.66 FT M/L TO THE S BDRY LN OF 19TH AVE W, TH E ON THE S BDRY LN OF 19TH AVE A DIST OF 140 FT FOR POB; TH S & PARALLEL TO THE W BDRY OF BLK D 116.66 FT M/L TO THE S BDRY LN OF BLK D, TH E 65 FT ALG THE S BDRY LN OF SD BLK D, TH N PARALLEL TO THE W BDRY LN OF BLK D 116.66 FT M/L TO THE S BDRY OF 19TH AVE, TH W ALG THE S BDRY LN OF 19TH AVE A DIST OF 65 FT TO POB; ALSO: BEG AT SW COR OF BLK D, SHARP & TURNER ADD, TH N ON W BDRY SD BLK D 116.66 FT M/L TO S BDRY OF 19TH AVE W, E ON S BDRY OF 19TH AVE 70 FT FOR POB, S & PARALLEL TO W BDRY OF SD BLK 116.66 FT M/L TO S BDRY THEREOF, E 70 FT, N 116.66 FT M/L TO S BDRY OF 19TH AVE W, TH W 70 FT TO POB, ALSO: BEG AT SW COR OF BLK D, SHARP & TURNER ADD, TH N ON THE W BDRY OF SD BLK D, 116.66 FT M/L TO THE S BDRY OF 19TH AVE W, TH E ON THE S BDRY OF 19TH AVE W, A DIST OF 70 FT, TH S & PARALLEL TO THE W SIDE OF BLK D, 116.66 FT M/L TO THE S BDRY OF SD BLK D; TH W ON S BDRY OF SD BLK D 70 FT M/L TO POB, DESC IN OR 1167 P 1608, TOGETHER WITH VACATED STREET DESC AS FOLLOWS: COM AT THE SW COR OF BLK "D" SHARP & TURNERS ADD TO BRADENTON; TH N 00 DEG 06 MIN 03 SEC E ALG THE W LN OF SD BLK "D" A DIST OF 116.66 FT TO THE INT WITH THE SLY R/W LN OF 19TH AVE W FOR A POB; TH CONT N 00 DEG 06 MIN 03 SEC E A DIST OF 38.43 FT TO A P.C. HAVING A RADIUS OF 25 FT CONCAVE TO THE SE; TH NELY ALG SD CURVE THRU A C/A OF 111 DEG 10 MIN 22 SEC & ARC DIST OF 48.51 FT TO THE PT OF COMPOUND CURVATURE HAVING A RADIUS OF 390 FT CONCAVE TO THE SW; TH SELY ALG THE ARC OF SD CURVE THRU A C/A OF 08 DEG 19 MIN 41 SEC AN ARC DIST OF 56.69 FT TO THE P.R.C. HAVING A RADIUS OF 345 FT CONCAVE TO THE NE; TH SELY ALG THE ARC OF SD CURVE THRU A C/A OF 16 DEG 20 MIN 29 SEC AN ARC DIST OF 98.40 FT TO A NON-TANGENT PT ON SD SLY R/W OF 19TH AVE W; TH S 89 DEG 30 MIN 20 SEC W ALG SD SLY R/W A DIST OF 176.58 FT TO THE POB,

ALSO: LOTS 1 & 2, LESS THE S 71.4 FT THEREOF AND LOTS 13 & 14 NORMAN W HORTON SUB, LSO: LOTS 24,28,29,30 & 31 FARROWS SUB, ALSO: LOT 1 GOULD TERRACE; LESS THAT PART OF OR 2427/1364 FOR R/W DESC AS THE FOLLOWING FOUR PARCELS: RIGHT OF WAY TAKING PARCEL 262.11: COM AT THE SW COR OF BLOCK D, SHARP & TURNER'S ADD TO BRADENTON, FLORIDA AS PER THE MAP OR PLAT THEREOF REC IN PB 1/296 OF PRMCF; TH THE FOLLOWING FIVE (5) COURSES ON THE NLY, WLY AND ELY BDRYS OF SD CERTAIN PARCEL: (1) S 89 DEG 31 MIN 14 SEC E, A DIST OF 70.00 FT; (2) N 01 DEG 04 MIN 15 SEC E, A DIST OF 116.66 FT; (3) S 89 DEG 31 MIN 24 SEC E, A DIST OF 261.18 FT TO THE POB; (4) S 89 DEG 31 MIN 24 SEC E, A DIST OF 1.81 FT; (5) ON THE W LN OF WARES CREEK AS REF IN THE DESC OF SD CERTAIN PARCEL ("SD W LN OF WARES CREEK") S 36 DEG 53 MIN 15 SEC E, A DIST OF 27.89 FT TO A PT HEREINAFTER REF TO AS POINT "A"; TH DEPARTING THE BDRYS OF SD CERTAIN PARCEL, N 90 DEG 00 MIN 00 SEC W, A DIST OF 11.06 FT; TH N 40 DEG 05 MIN 19 SEC W, A DIST OF 14.71 FT; TH N 10 DEG 08 MIN 00 SEC E, A DIST OF 11.25 FT TO THE POB; ALSO LESS RIGHT OF WAY TAKING PARCEL 262.11A: COM AT AFOREMENTIONED PT "A"; TH THE FOLLOWING FOUR COURSES ON THE ELY BDRY OF SD CERTAIN PARCEL AND SD W LN OF WARES CREEK: (1) S 36 DEG 53 MIN 15 SEC E, A DIST OF .63 FT TO THE POB; (2) S 36 DEG 53 MIN 15 SEC E, A DIST OF 17.27 FT; (3) S 41 DEG 36 MIN 30 SEC E, A DIST OF 56.08 FT; (4) S 15 DEG 29 MIN 12 SEC E, A DIST OF 21.51 FT TO A PT HEREINAFTER REF TO AS POINT "B"; TH DEPARTING THE ELY BDRY OF SD CERTAIN PARCEL AND SD W LN OF WARES CREEK, N 40 DEG 05 MIN 10 SEC W, A DIST OF 82.85 FT; TH N 00 DEG 00 MIN 00 SEC E, A DIST OF 13.09 FT TO THE POB; ALSO LESS RIGHT OF WAY TAKING PARCEL 262.12: COM AT THE AFOREMENTIONED PT "B"; TH THE FOLLOWING (5) COURSES ON THE ELY BDRY OF SD CERTAIN PARCEL AND SD W LN OF WARES CREEK: (1) S 15 DEG 29 MIN 12 SEC E, A DIST OF 30.64 FT TO THE POB; S 15 DEG 29 MIN 12 SEC E, A DIST OF 51.99 FT; (3) S 00 DEG 17 MIN 02 SEC W, A DIST OF 34.47 FT; (4) S 00 DEG 19 MIN 48 SEC E, A DIST OF 50.35 FT; (5) S 02 DEG 16 MIN 26 SEC W, A DIST OF 39.95 FT TO A PT HEREINAFTER REF TO AS PT "C"; TH DEPARTING THE ELY BDRY OF SD CERTAIN PARCEL AND SD W LN OF WARES CREEK, N 00 DEG 14 MIN 35 SEC W, A DIST OF 93.60 FT; TH N 08 DEG 24 MIN 53 SEC W, A DIST OF 82.13 FT TO THE POB; ALSO LESS RIGHT OF WAY TAKING PARCEL 262.13: COM AT THE AFOREMENTIONED PT "C"; THE FOLLOWING FOUR (4) COURSES ON THE ELY BDRY OF SD CERTAIN PARCEL AND SD W LN OF WARES CREEK: (1) S 02 DEG 16 MIN 26 SEC W, A DIST OF 7.28 FT; (2) S 01 DEG 13 MIN 46 SEC E, A DIST OF 18.56 FT TO THE POB; (3) S 01 DEG 13 MIN 46 SEC E, A DIST OF 166.48 FT; (4) S 07 DEG 48 MIN 42 SEC W, A DIST OF 44.00 FT TO A PT ON THE SLY BDRY OF SD CERTAIN PARCEL; TH DEPARTING SD W LN OF WARES CREEK ON SD SLY BDRY, N 89 DEG 06 MIN 48 SEC W, A DIST OF 1.13 FT; TH DEPARTING SD SLY BDRY, N 04

DEG 13 MIN 05 SEC E, A DIST OF 57.03 FT; TH N 00 DEG 14 MIN 38 SEC W, A DIST OF 153.14 FT TO THE POB, PI# 44560.0010/0

"EXHIBIT B"



City of Bradenton
Planning and Community Development Department
Planning Commission Public Hearing
May 20th, 2026

Staff Report

Case Number: PLN-VAR-26-0002
Final Order No: PLN-VAR-26-0002
Applicant: Cory Ohanian C.M.B. Builders, LLC (Agent)
Owner: Presbyterian Retirement Communities Inc
Address: 1700 21st Ave W
Parcel ID: 4456000159
Current Zoning: R-2 (Medium Density Residential)
Future Land Use: RESMED
Flood Zone: AE,X

Surrounding Property Zoning:

Current Zoning: North: R-2 (Medium Density Residential)
South: R-4 (Mobile Home)
East: R-2 (Medium Density Residential)
West: R-1 (Low Density, Single Family)

Future Land Use: North: RESMED (Medium density residential)
South: RESHIGH (High density residential)
East: RESMED (Medium density residential)
West: RESLOW (Low density residential)

Request:

The applicant is requesting a variance to allow the installation of a 12' x 12' pergola within the front yard of the subject property. The pergola is proposed to be located approximately 7 feet from the front property line along 21st Avenue and approximately 15 feet from the existing principal building.

The City of Bradenton Land Use Section 5.1 states that accessory structures shall not be located within the front yard except as otherwise noted and shall maintain a 5-foot setback from any side or rear property lines.

The subject property consists of approximately 6.9605 acres and is zoned R-2 (Medium Density Residential). The site is developed with an existing retirement home facility. The applicant proposes the pergola as an amenity intended to enhance the quality of life for senior residents at Westminster Manor.

Land Use Regulations:

Schedule 3.2.2.1 Dimensions and Area Standards for Mixed Use and Non-residential Districts.

Residential Building (Building setbacks in Feet)	R-2 (Medium Density Residential)
Front	20
Side	8
Rear	20

5.1. Accessory structures, residential buildings. Accessory structures shall not be located within the front yard except as otherwise noted and shall maintain a five-foot setback from any side or rear property line, except as otherwise noted. Accessory structures shall be limited by the ground coverage maximums as listed on schedule 3.2.2.1 "Dimensional and Area Regulations, for Residential Districts". Accessory structures permitted in conjunction with a residence include, but are not limited to, those listed below, and such structures are subject to the restrictions as indicated.

Chapter 10 – Definitions

Accessory structure: A building or other structure detached from a principal building on the same lot and customarily incidental and subordinate to the principal building.

Comprehensive Plan Elements:

Goals, Objectives, and Policies

Policy 1.1.2 – Traditional/Urban Neighborhood Principles

The City shall preserve and enhance neighborhoods based on each neighborhood’s essential ingredients. These ingredients are important in the design of the neighborhood. The design principles for traditional/urban neighborhoods are:

- Neighborhoods should be designed to establish an identity and value that motivates residents to protect them, including:
 1. Neighborhood names and identities;
 2. Lot and block designs that reinforce pedestrian use of the streets and a neighborly relationship of the homes;
 3. Compatible, not necessarily identical, residential densities and housing types, consistent with the future land use designation and zoning category;
 4. Economic and social diversity;
 5. Neighborhood parks;
 6. Neighborhood organization for communication and conflict resolution; and
 7. Training and technical assistance for neighborhood-based planning initiatives.

Private Property Rights Element

Policy 1 Statement of Rights

The following rights shall be considered in local decision making:

1. The right of a property owner to physically possess and control his or her interests in the property, including easements, leases, or mineral rights.
2. The right of a property owner to use, maintain, develop, and improve his or her property for personal use or the use of any other person, subject to state law and local ordinances.

3. The right of the property owner to privacy and to exclude others from the property to protect the owner's possession and property.
4. The right of a property owner to dispose of his or her property through sale or gift.

Requirements for Permits and Approvals:

2.2.8 *Variance.* A variance is permission granted by the planning commission to depart from a dimensional requirement of these LURs. Variances are allowed to relieve a property owner who, because of property characteristics beyond his or her control, is unable to meet a dimensional requirement of these LURs. Waivers granted by the PCD director as allowed in various sections of these LURs are exempt from this subsection.

2.2.8.1 *Eligibility.* A property owner who finds that a characteristic of his or her land or buildings makes it impossible or difficult to meet a dimensional requirement of these LURs may apply for a dimensional variance if:

- a. The application meets all the following criteria:

*** Please see the application materials for the applicant's response to the following Review Criteria***

- i. The need for the dimensional variance was not created by the applicant's or previous owner's action, such as improper lot division, in violation of these LURs or previously effective land use regulations.

Staff Response: It appears the need for the dimensional variance stems from the applicant's own action as they can by code place the accessory structure with required setbacks.

- ii. Strict application of the provisions of these LURs would deprive the applicant of a reasonable use of his property, cause him unnecessary hardship, or deprive him or her of rights commonly

enjoyed by other property owners in the same land use atlas district, and

Staff response: It appears that strict application of the accessory structure standards in the Land Use regulations would not deprive the applicant of reasonable use of the subject property as intended. While the front setback may reduce the effectiveness of the proposed location, the use of the property does not appear to be restricted by the Land Use Regulations.

- iii. The granting of the dimensional variance would not confer on the applicant any special privilege denied to other property owners in the same land use atlas district; and

Staff Response: All residential properties are subject to the same accessory standards and as such, applicants can request a deviation from those standards in the same manner.

- iv. The application is for a dimensional variance and would not authorize a use otherwise prohibited by these LURs, and

Staff Response: The request is strictly dimensional in nature and does not authorize a use that is otherwise prohibited in R-2 (Medium-Density Residential) zone.

- v. The dimensional variance is the minimum variance that will allow reasonable use of the property.

Staff Response: While staff finds reasonable use of the property can be made without the benefit of the requested variance, the applicant asserts to improve senior citizens' lifestyle, and appearance as the primary reasons for the request.

2.2.8.4 *Review and action.* The planning commission shall hold a public hearing on the application. If the eligibility criteria above are met, the planning commission may grant the variance as requested or a modification if more appropriate. Latent changes to an application made by the applicant

whereby insufficient review have been allowed for staff, board, or city council, as determined by the PCD director, may require a delay in the processing of the application, and shall result in additional review and public notice costs at the applicant's expense. If the application is for a variance of a flood requirement (subsection 3.4.3.2) must be complied with. In granting a variance, the planning commission may impose such reasonable conditions as will ensure that the use of the property to which the variance applies will be as compatible as practicable with the surrounding properties. A variance is granted to the property and not to the applicant.

Planning and Community Development Analysis:

The standards for accessory structures, including standards for pergolas are intended to encourage cohesion with design principles and prevent unsightly appearance. While the applicant proposes that allowing this variance would improve its resident’s lifestyle ultimately preserve the value of the units, adhering to the regulations in this section of the LUR would not deprive the applicant of reasonable use of the subject property as intended.

Staff Comments:

1. Planning Commission is encouraged to evaluate the request based on the criteria provided, as well as input from staff, the applicant, and the public.
2. It is in staff’s opinion that the request is found to be not consistent with the intent of Section 5.1 of the Land Use Regulations.

Should the Planning Commission wish to approve the subject request, staff recommend that the Commission consider the following stipulations as conditions of approval:

1. Obtain all necessary permits prior to installation.

Respectfully submitted,
Jake Arjona



City Planner

EXHIBITS:

EXHIBIT "A": Location Map

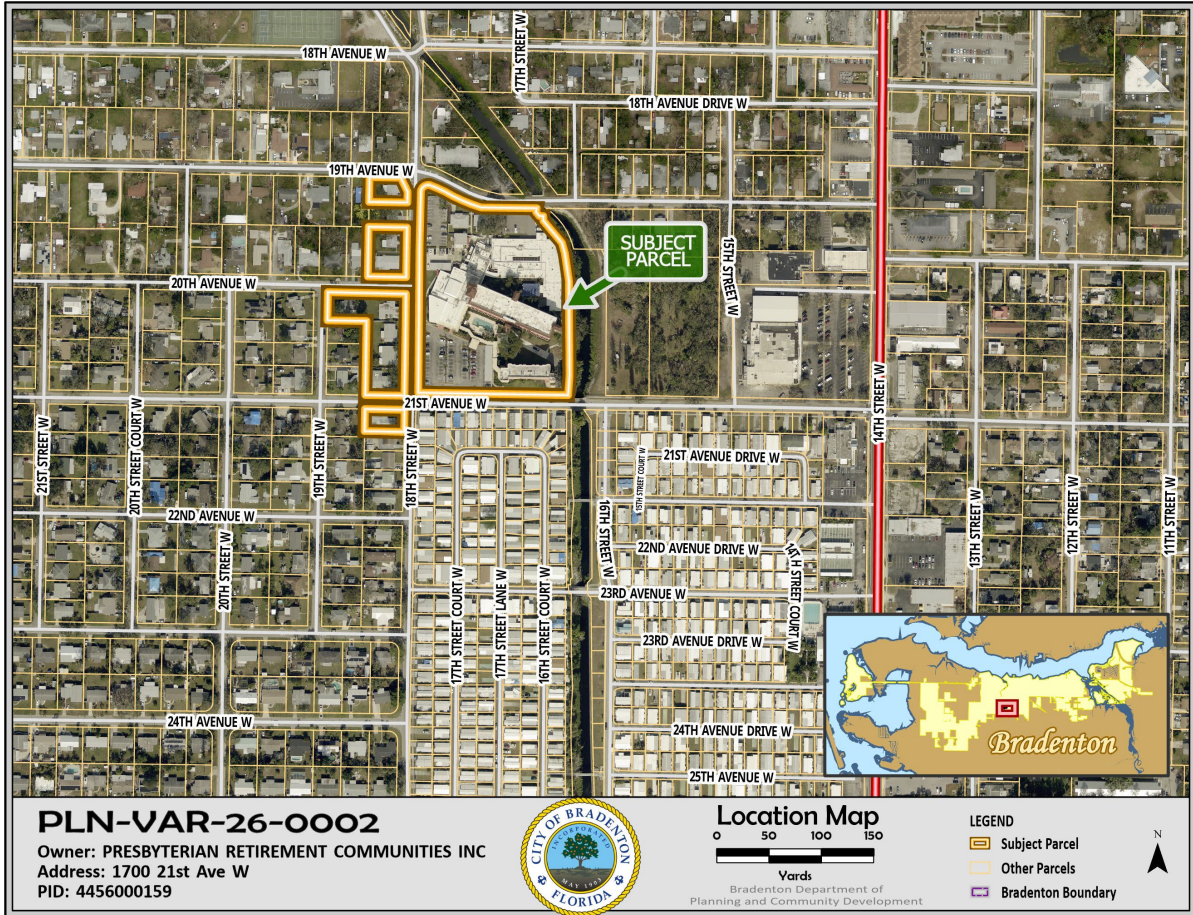


EXHIBIT "B" Future Land Use Map

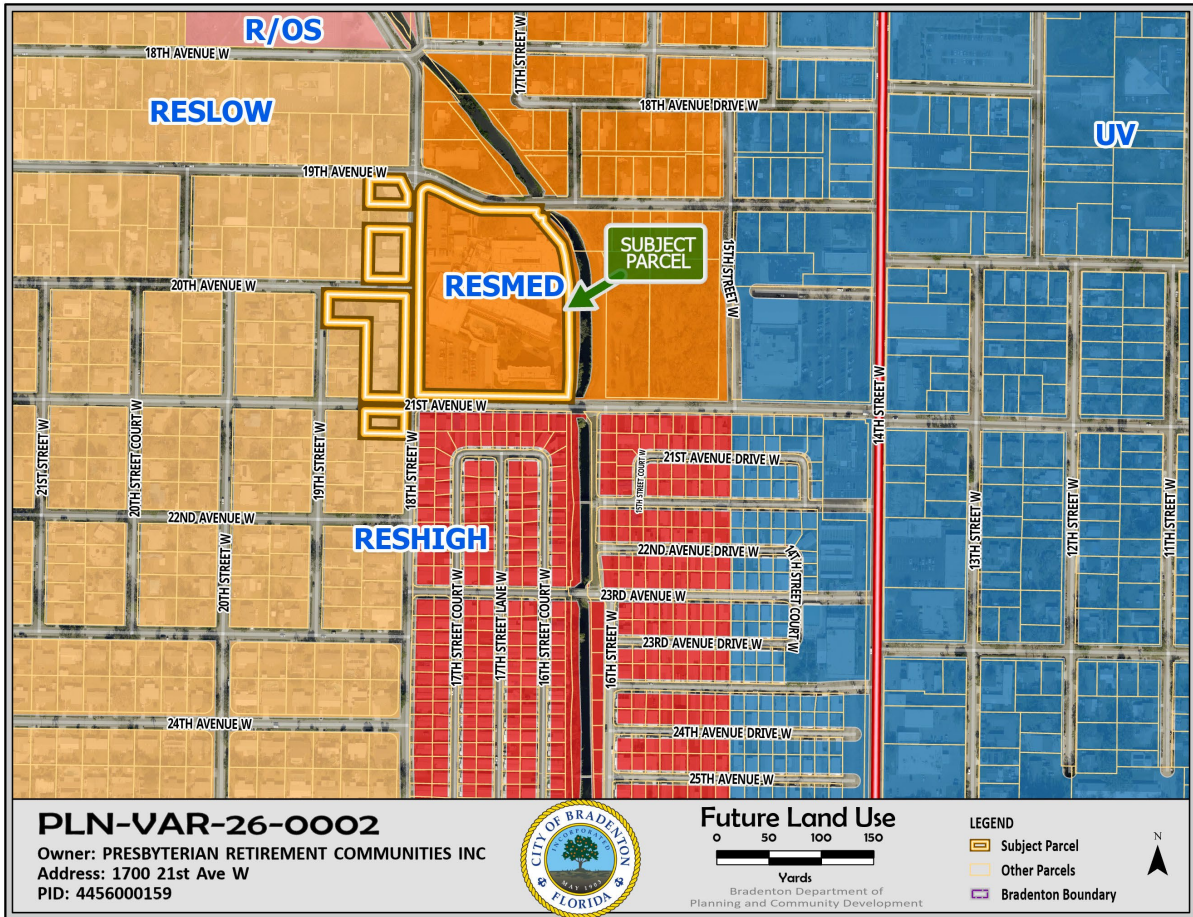


EXHIBIT "C" Zoning Map

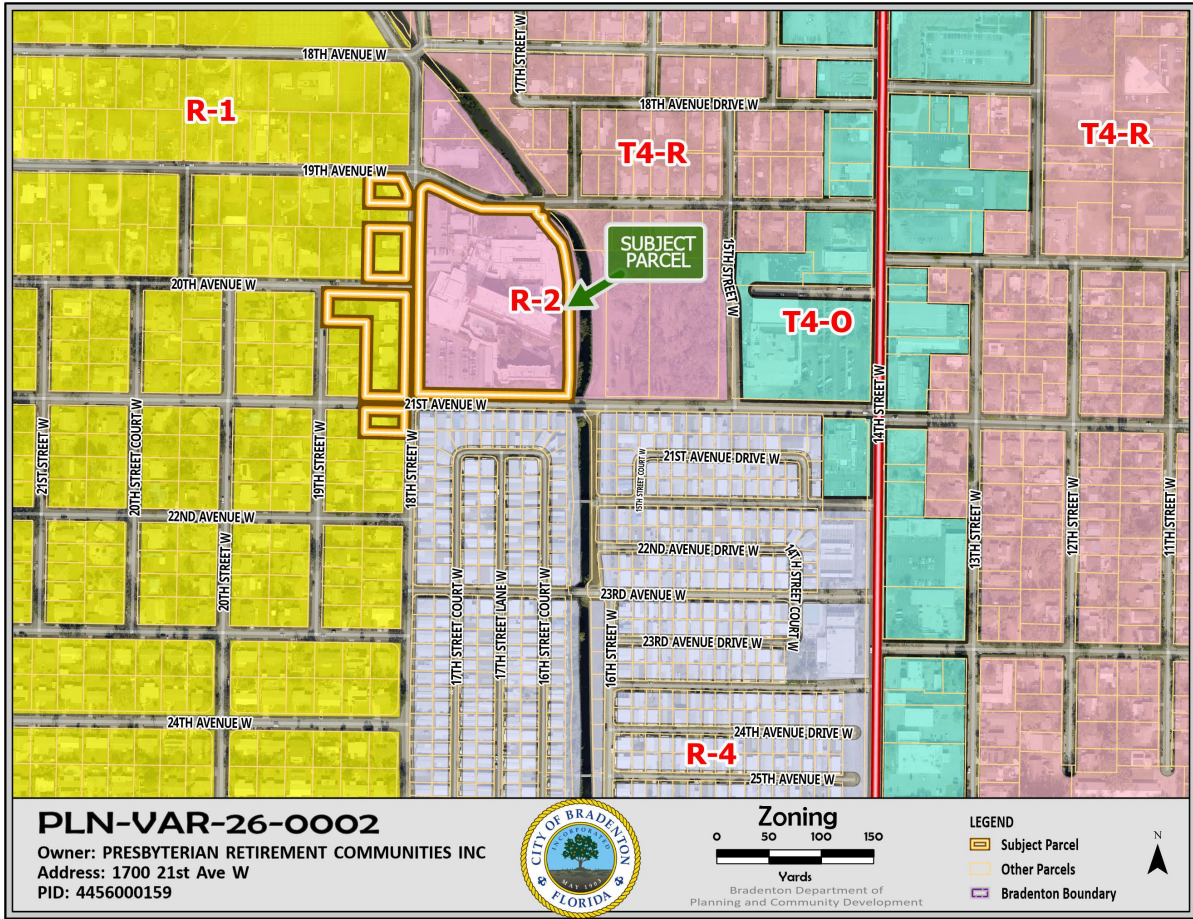
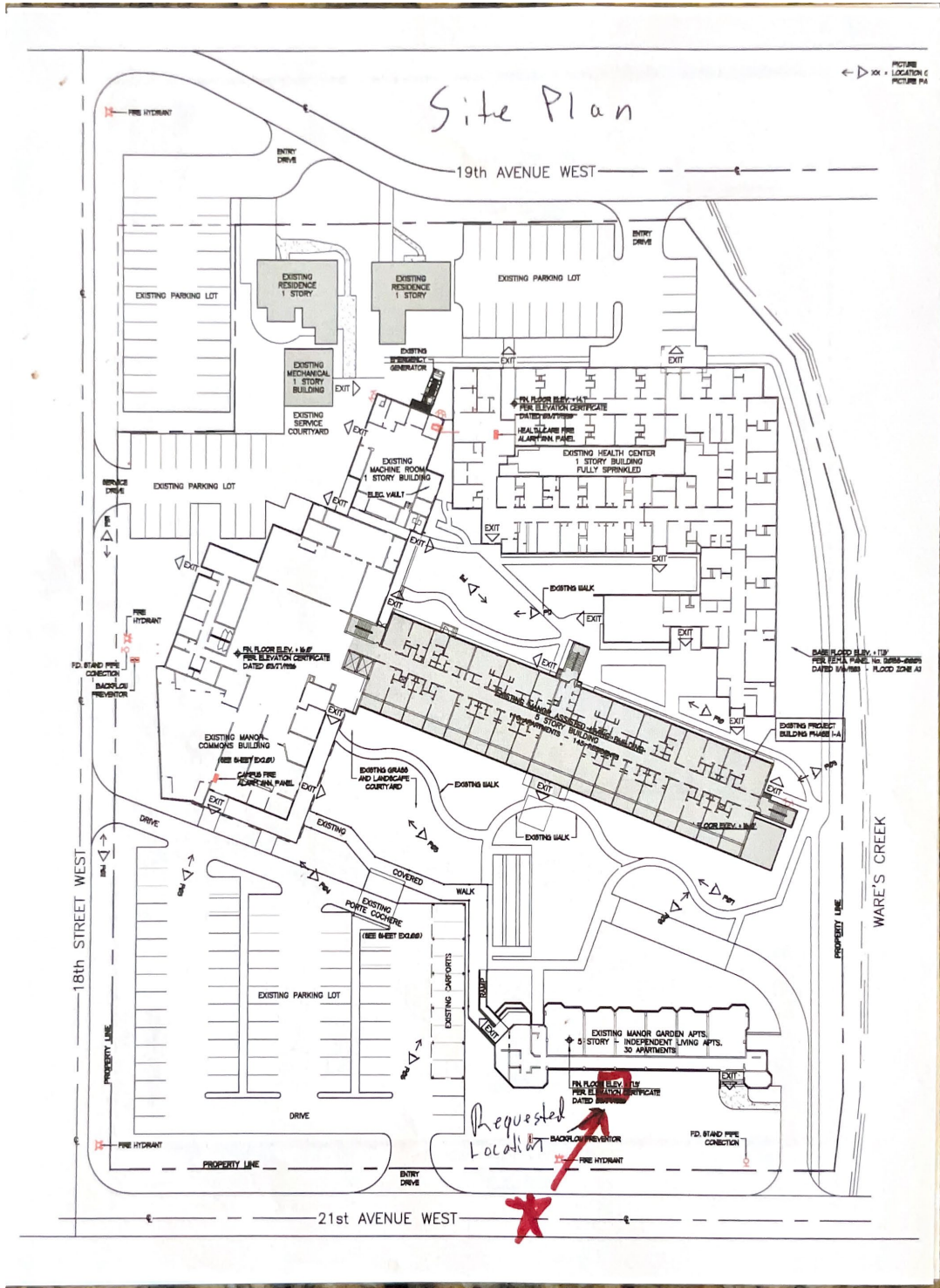


EXHIBIT "D"





Agent Authorization Form

Department of Planning & Community Development
101 Old Main Street, Bradenton, FL 34205
Ph: (941) 932-9400
www.cityofbradenton.com

PLANNING & ZONING AGENT AUTHORIZATION FORM

Property Address: 1700 21st Ave W

I, Jennifer Martens, the registered property owner(s) of the above noted property, do hereby authorize

Cory O'Hanlan C.M.B. Builders LLC
Print Name of Agent Company Name

to act on my behalf and take all actions necessary for the processing, issuance and acceptance of this permit or certification and any and all standards and conditions applicable.

[Signature] 50 W. Lucerne Cir., Orlando, FL 32801
Signature of Owner(s) Owner(s) Address (if different than property above)

[Signature] 8994 Seminole Blvd Seminole FL 33772
Signature of Agent Agent Address and Phone

STATE OF FLORIDA, MANATEE COUNTY

The Foregoing instrument was acknowledged before me by means of physical presence or online notarization, this 11 day of March, 2026, produced _____ respectively, as

identification and who did (did not) take an oath:

Geneen D. Scott
Signature

Geneen D. Scott, Notary Public
Print Name



GENEEN D. SCOTT
Commission # HH 506297
Expires July 20, 2028

State of Florida
My Commission Expires: 7/20/28

Ref: 1700 21st Ave w, Westminster Manor

Setbacks for setback variance request

The proposed Pergola would be 7 foot off of property line (black fence), and 15 feet off of building.

Cory O'Hanlan

C.M.B. builders

Authorized agent for Westminster Manor

1700 21st ave w, Bradenton FL 34205



1700 21st Avenue West, Bradenton, FL 34205 Phone: 941-748-4161 | Fax: 941-748-6673 | WestminsterRetirement.com

To: City Of Bradenton

Ref: Letter of Request for setback variance

This letter of Request is for a setback variance at 1700 21st ave w, Bradenton FL 34205.

This request is for the area off of 21st Ave W, in between the 5-story tenant building and 21st Ave W. The city has previously told us that this is considered a "front yard" in an email dated 11/3/2025, and this would require a variance.

This request is to construct a 15' x 15' pergola sitting atop a concrete pad. The purpose of this pergola is to provide shade for our elderly residents who use this area as a dog park. This would make this area much more enjoyable for our residents, as it is currently in direct sunlight the majority of the day. This area is enclosed by a fence with no direct access from 21st Ave W. Although this is considered a front yard, it is not the entrance to the building; it is the side/rear of the building, an area designated as the residents' dog park. We believe this pergola would greatly improve the lives of our senior citizens here at Westminster Manor.

Thank you for your consideration

Director of Maintenance for Westminster communities of Bradenton

Richard Berger

Email: [REDACTED]

PH: 941-718-0078

Date: 1/8/2026





Westminster Manor

1700 21st Avenue West, Bradenton, FL 34205 Phone: 941-748-4161 | Fax: 941-748-6673 | WestminsterRetirement.com

To: City of Bradenton

Ref: Variance application - Findings of Fact/Review criteria, Westminster Manor, 1700 21st ave W, Bradenton FL 34205.

The below Findings of Fact are listed in Alphabetical and numerical line items directly from the Variance Application.

A.

1. The need for the dimensional variance was indeed not created by Westminster Manor. This area of the property is currently designated as the senior residents dog park, an area where they can take there dogs out to walk.
2. The granting of this variance would not deprive Westminster of any reasonable use of this property, would not cause any unnecessary hardship or deprivation of any rights.
3. The granting of this dimensional variance would not confer us any special privilege not offered to other property owners.
4. The application is for a dimensional variance and would not authorize a use otherwise prohibited by the Land Use Regulations
5. The dimensional variance is indeed the minimum variance that will allow reasonable use of this area of the property.

B.

1. We believe this application does meet all of the above criteria, there is currently no environmentally sensitive areas or trees in this requested area of the property.

Thank you for your consideration

Director of Maintenance for Westminster Communities of Bradenton

Richard Berger

[Redacted Signature]

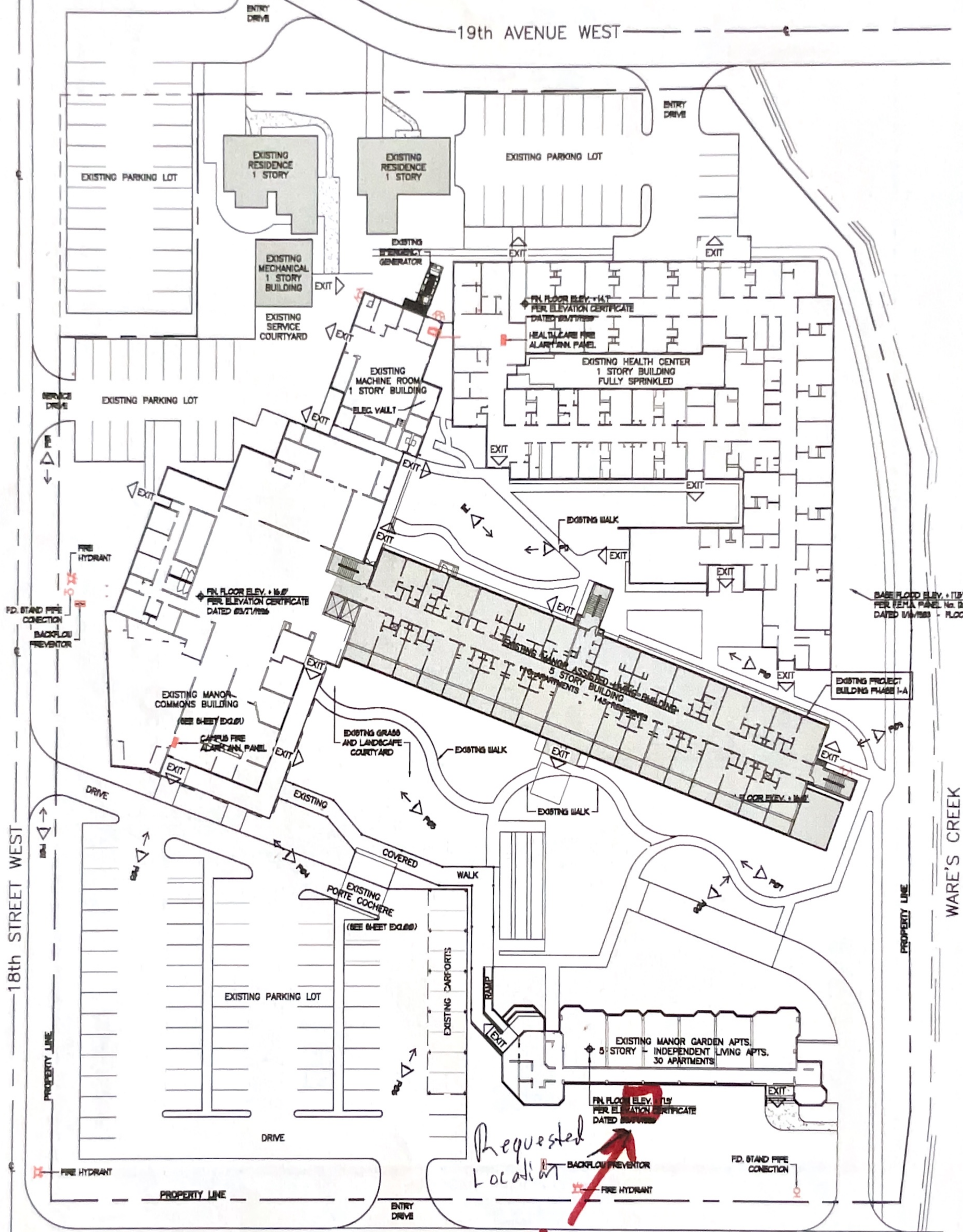
PH: 941-718-0078

Date: 1/8/2026



Site Plan

19th AVENUE WEST



Requested Location



21st AVENUE WEST

WARE'S CREEK

Item Cover Page

PLANNING COMMISSION MEETING AGENDA ITEM REPORT

DATE: May 20, 2026

SUBMITTED BY: Brandon Wink, Planning & Community Development

ITEM TYPE: Resolution

AGENDA SECTION: **AGENDA ITEMS**

SUBJECT: **Quasi-Judicial:** FINAL ORDER PLN-VAR-26-0003 - PUBLIC HEARING
FINAL ORDER OF THE PLANNING COMMISSION FOR THE CITY OF BRADENTON, FLORIDA, APPROVING VARIANCE NO. PLN-VAR-26-0003 TO GRANT A 10-FOOT REDUCTION FROM THE REAR SETBACK REQUIREMENT OF 25 FEET AND A 3-FOOT REDUCTION FROM THE SIDE SETBACK REQUIREMENT OF 6 FEET; FOR PROPERTY LOCATED AT 4303 5TH AVENUE NE, BRADENTON, FLORIDA (PARCEL ID 1043100259), AS MORE PARTICULARLY DESCRIBED HEREIN; PROVIDING FOR SEVERABILITY; PROVIDING FOR RECORDATION; AND PROVIDING FOR AN EFFECTIVE DATE.

SUGGESTED ACTION: Motion to either approve or deny Final Order PLN-VAR-26-0003.

Is this item Quasi-Judicial?

Yes

Does this item require a public hearing?

Yes

EXPLANATION:

The applicant is requesting a Variance to grant a 10-foot reduction from the rear setback requirement of 25-feet for a swimming pool and a 3-foot reduction from the side setback requirement of 6-feet for mechanical equipment.

FINANCIAL IMPACT:

N/A

ATTORNEY REVIEW/RECOMMENDATION:

Reviewed by City Attorney Rudacille.

SUGGESTED MOTION:

Motion to either approve or deny Final Order PLN-VAR-26-0003.

ATTACHMENTS:

[Final Order PLN-VAR-26-0003](#)

[Staff Report](#)

[Application](#)

**FINAL ORDER
VARIANCE NO. PLN-VAR-26-0003**

FINAL ORDER OF THE PLANNING COMMISSION FOR THE CITY OF BRADENTON, FLORIDA, APPROVING VARIANCE NO. PLN-VAR-26-0003 TO GRANT A 10-FOOT REDUCTION FROM THE REAR SETBACK REQUIREMENT OF 25 FEET AND A 3-FOOT REDUCTION FROM THE SIDE SETBACK REQUIREMENT OF 6 FEET; FOR PROPERTY LOCATED AT 4303 5TH AVENUE NE, BRADENTON, FLORIDA (PARCEL ID 1043100259), AS MORE PARTICULARLY DESCRIBED HEREIN; PROVIDING FOR SEVERABILITY; PROVIDING FOR RECORDATION; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, Scott DeCanio ("Property Owner") owns the property located at 4303 5th Avenue NE, Bradenton, Florida 34208 (Parcel ID 1043100259), more particularly described in Exhibit "A" (the "Property"); and

WHEREAS, James Brown, the authorized agent of the Property Owner ("Applicant"), submitted an application for a variance to grant a 10-foot reduction from the Rear Setback requirement of 25 feet and a 3-foot reduction from the Side Setback requirement of 6 feet to accommodate a pool and mechanical equipment for the Property; and

WHEREAS, the City of Bradenton Comprehensive Plan's Future Land Use Element designates the Property as RESLOW (Low Density Residential); and

WHEREAS, the City of Bradenton Official Zoning Map classifies the Property as R-1 (Low Density, Single Family); and

WHEREAS, the Property is located within the Planned Development Project of Bella Sole, with Rear Setbacks of 25 feet and Side Setbacks of 6 feet; and

WHEREAS, the Planning Commission held a noticed public hearing on May 20, 2026, at which the Planning Commission received testimony and evidence from the Applicant, City Planning staff, and members of the public in attendance; and

WHEREAS, the record of the public hearing, including the staff report, Applicant submittal materials, and testimony and evidence submitted during the hearing, are hereby incorporated and made a part of this Final Order.

NOW, THEREFORE, the Planning Commission makes the following Findings of Fact and Conclusions of Law and issues the Final Order as follows:

Section 1. Findings of Fact and Conclusions of Law. After considering the evidence on the record and that presented at public hearing, including the staff report, the Planning Commission hereby makes the following Findings of Fact:

- a. The Whereas clauses contained herein are hereby adopted as Findings of Fact.
- b. The Property Owner is requesting approval of a variance to grant a 10-foot reduction from the Front Setback requirement of 25 feet and a 3-foot reduction from the Side Setback requirement of 6 feet, to allow for the construction of a pool and related mechanical equipment as shown on the Site Plan attached as Exhibit "B."
- c. The proposed variance meets all noted requirements within Section 2.2.8.1 of the Land Use Regulations, as further described below.
 1. The need for the dimensional variance was not created by the Applicant's or previous owner's action, such as improper lot division, in violation of these LURs or previously effective land use regulations; and
 2. Strict application of the provisions of these LURs would deprive the Applicant of a reasonable use of his property, cause him unnecessary hardship, or deprive him or her of rights commonly enjoyed by other property owners in the same Land Use Atlas district; and
 3. The granting of the dimensional variance would not confer on the Applicant any special privilege denied to other property owners in the same Land Use Atlas district; and
 4. The application is for a dimensional variance and would not authorize a use otherwise prohibited by these LURs; and
 5. The dimensional variance is the minimum variance that will allow reasonable use of the Property.

Section 2. Order. Based upon the foregoing, a variance is hereby approved and issued for the Property to allow for a 15-foot Rear Setback and a 3-foot Side Setback ,to allow for the construction of a pool and related mechanical equipment as generally depicted on the Site Plan attached as Exhibit "B."

Section 3. State and Federal Permits. Issuance of this development permit by the City does not in any way create any right on the part of the Applicant to obtain a permit from a state or federal agency and does not create any liability on the part of the City for issuance of the permit if the Applicant fails to obtain requisite approvals or fulfill the obligations imposed by a state or federal agency or undertakes actions that result in a violation of state or federal law. The Applicant must obtain all applicable state and federal permits before commencing development or use.

Section 4. Severability. In the event that any portion or section of this Order is determined to be invalid, illegal or unconstitutional by a court of competent jurisdiction, such decisions shall in no manner affect the remaining portions or sections of the Variance which shall remain in full force and effect.

Section 5. Effective Date. The effective date of this Order shall be upon adoption and recordation of the Order in the Official Records of Manatee County. The Property Owner shall be responsible for recording the Order with the Clerk of the Court and delivering a copy of the recorded Order to the City Planning Department.

ORDERED ON BEHALF OF THE CITY OF BRADENTON THIS 20th DAY OF MAY 2026.

**THE CITY OF BRADENTON, BY AND THROUGH THE
PLANNING COMMISSION OF THE CITY OF BRADENTON**

ATTEST:

Lori Brunner
CLERK

Michael Neal
CHAIR

EXHIBIT "A"

LEGAL DESCRIPTION (PARCEL 126B, BELLA SOLE)

A PORTION OF LOTS 127, 128, 149 AND 150, BLOCK A, RIVERDALE, A SUBDIVISION AS PER PLAT THEREOF RECORDED IN PLAT BOOK 9, PAGE 76 OF THE PUBLIC RECORDS OF MANATEE COUNTY, FLORIDA, TOGETHER WITH A PORTION OF CANAL POINT DRIVE VACATED PER CITY OF BRADENTON RESOLUTION NUMBER 03-42, RECORDED IN OFFICIAL RECORDS BOOK 1878, PAGE 6371 OF SAID PUBLIC RECORDS OF MANATEE COUNTY, FLORIDA AND A PORTION OF THAT CERTAIN PLATTED CANAL VACATED BY CITY OF BRADENTON RESOLUTION NUMBER 09-52, RECORDED IN OFFICIAL RECORDS BOOK 2306, PAGE 2517 OF SAID PUBLIC RECORDS OF MANATEE COUNTY, FLORIDA AND ALL BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHWEST CORNER OF SAID LOT 150, SAID POINT BEING THE BEGINNING OF A CURVE TO THE LEFT, OF WHICH THE RADIUS POINT LIES N.19°42'18"W., A RADIAL DISTANCE OF 1,910.00 FEET AND HAVING A CHORD BEARING OF N.69°10'32"E., 74.64 FEET; THENCE EASTERLY ALONG THE ARC, THROUGH A CENTRAL ANGLE OF 02°14'21", A DISTANCE OF 74.64 FEET TO THE END OF THE CURVE FOR A POINT OF BEGINNING; THENCE S.21°55'12"E., A DISTANCE OF 19.76 FEET TO THE INTERSECTION WITH THE NORTH LINE OF THAT CERTAIN RIGHT OF WAY DESCRIBED IN QUIT-CLAIM DEED RECORDED IN O.R. BOOK 2308, PAGE 4711 OF THE PUBLIC RECORDS OF MANATEE COUNTY, FLORIDA, SAID POINT ALSO BEING A POINT OF CURVATURE OF A NON-TANGENTIAL CURVE, CONCAVE NORTH, OF WHICH THE RADIUS POINT LIES N.19°46'13"W., A RADIAL DISTANCE OF 1,220.03 FEET; THENCE EASTERLY ALONG SAID NORTH RIGHT OF WAY LINE AND ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 02°15'11", A DISTANCE OF 47.98 FEET, SAID CURVE BEING SUBTENDED BY A CHORD THAT BEARS N.69°06'11"E., A DISTANCE OF 47.97 FEET; THENCE N.23°20'38"W., A DISTANCE OF 198.15 FEET; THENCE S.71°21'38"W., A DISTANCE OF 43.11 FEET; THENCE S.21°55'12"E., A DISTANCE OF 179.94 FEET TO THE POINT OF BEGINNING.

TOGETHER WITH: COMMENCE AT THE NORTHWEST CORNER LOT 150, SAID POINT BEING THE BEGINNING OF A CURVE TO THE LEFT, OF WHICH THE RADIUS POINT LIES N.19°42'18"W., A RADIAL DISTANCE OF 1,910.00 FEET AND HAVING A CHORD BEARING OF N.69°10'32"E., 74.64 FEET; THENCE EASTERLY ALONG THE ARC, THROUGH A CENTRAL ANGLE OF 02°14'21", A DISTANCE OF 74.64 FEET; THENCE S.21°55'12"E., A DISTANCE OF 53.26 FEET TO THE INTERSECTION WITH THE SOUTH LINE OF THAT CERTAIN RIGHT OF WAY DESCRIBED IN QUIT-CLAIM DEED RECORDED IN O.R. BOOK 2308, PAGE 4711 OF THE PUBLIC RECORDS OF MANATEE COUNTY, FLORIDA FOR A POINT OF BEGINNING; THENCE CONTINUE S.21°55'12"E. ALONG SAID LINE, A DISTANCE OF 20.67 FEET TO A POINT OF CURVATURE OF A NON-TANGENTIAL CURVE, CONCAVE NORTH, OF WHICH THE RADIUS POINT LIES N.20°03'140"W., A RADIAL DISTANCE OF 1,379.00 FEET; THENCE WESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 01°01'27", A DISTANCE OF 24.65 FEET, SAID CURVE BEING SUBTENDED BY A CHORD THAT BEARS S.70°27'03"W., A DISTANCE OF 24.65 FEET; THENCE S.19°02'13"E., A DISTANCE OF 10.00 FEET TO A POINT OF CURVATURE OF A NON-TANGENTIAL CURVE, CONCAVE NORTH, OF WHICH THE RADIUS POINT LIES N.19°02'13"W., A RADIAL DISTANCE OF 1,389.00 FEET; THENCE EASTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 04°05'38", A DISTANCE OF 99.25 FEET, SAID CURVE BEING SUBTENDED BY A CHORD THAT BEARS N.68°54'58"E., A DISTANCE OF 99.23 FEET; THENCE N.23°07'52"W., A DISTANCE OF 10.00 FEET TO A POINT OF CURVATURE OF A NON-TANGENTIAL CURVE, CONCAVE NORTHWEST, OF WHICH THE RADIUS POINT LIES N.23°07'52"W., A RADIAL DISTANCE OF 1,379.00 FEET; THENCE SOUTHWESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 01°01'15", A DISTANCE OF 24.57 FEET, SAID CURVE BEING SUBTENDED BY A CHORD THAT BEARS S.67°22'45"W., A DISTANCE OF 24.57 FEET; THENCE N.23°20'38"W., A DISTANCE OF 20.56 FEET TO THE INTERSECTION WITH SAID SOUTH QUIT CLAIM RIGHT OF WAY LINE, SAID POINT ALSO BEING A POINT OF CURVATURE OF A NON-TANGENTIAL CURVE, CONCAVE NORTH, OF WHICH THE RADIUS POINT LIES N.22°03'32"W., A RADIAL DISTANCE OF 1,253.51 FEET; THENCE WESTERLY ALONG SAID SOUTH QUIT-CLAIM RIGHT OF WAY LINE AND ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 02°13'52", A DISTANCE OF 48.81 FEET, SAID CURVE BEING SUBTENDED BY A CHORD THAT BEARS S.69°03'24"W., A DISTANCE OF 48.81 FEET TO THE POINT OF BEGINNING.

City of Bradenton
Planning and Community Development Department
Planning Commission Public Hearing
May 20, 2026

Staff Report

Case Number: PLN-VAR-26-0003
Final Order No: PLN-VAR-26-0003
Applicant: James Brown (agent)
Owner: Scott DeCanio (owner)
Address: 4303 5th Ave NE
Parcel ID No: 1043100259
Current Zoning: R-1 (Low Density – Single Family)
Future Land Use: RESLOW (Low Density Residential)
Flood Zone: AE

Surrounding Property Zoning:

Current Zoning: North: R-1 (Low Density – Single Family)
South: R-1 (Low Density – Single Family)
East: R-1 (Low Density – Single Family)
West: R-1 (Low Density – Single Family)

Future Land Use: North: RESLOW (Low Density Residential)
South: RESLOW (Low Density Residential)
East: RESLOW (Low Density Residential)
West: RESLOW (Low Density Residential)

James Brown (agent) for Scott DeCanio (owner) has submitted a variance application to allow for a 10-foot reduction in the required 25-foot rear setback on their proposed new construction.

They have also submitted as part of the variance to allow for a 3-foot reduction in the required 6-foot reduction of the side setback.

The subject property is approximately .2383 acres in size and is located within the Bella Sole community found on 5th Avenue North-East, setting the Zoning as Residential-1 for it and the rest of the neighborhood.

According to the Planned Development Project for Bella Sole, the setbacks for this particular lot, lot 126B, are set to a Front Setback of 40 feet, Side

Setbacks of 6 feet, and Rear Setbacks of 25 feet, as put into place when the PDP was amended on June 13th, 2012, as part of MA.12.0031.

The applicant is proposing for the rear setback to be reduced by 10 feet and the side setback to be reduced by 3 feet to accommodate for the pool and mechanical equipment for the house.

Comprehensive Plan Elements:

Goals, Objectives, and Policies

Policy 1.1.2 – Traditional/Urban Neighborhood Principles

The City shall preserve and enhance neighborhoods based on each neighborhood's essential ingredients. These ingredients are important in the design of the neighborhood. The design principles for traditional/urban neighborhoods are:

- Neighborhoods should be designed to establish an identity and value that motivate residents to protect them, including:
 1. Neighborhood names and identities;
 2. Lot and block designs that reinforce pedestrian use of the streets and a neighborly relationship of the homes;
 3. Compatible, not necessarily identical, residential densities and housing types, consistent with the future land use designation and zoning category;
 4. Economic and social diversity;
 5. Neighborhood parks;
 6. Neighborhood organization for communication and conflict resolution; and
 7. Training and technical assistance for neighborhood-based planning initiatives.

Private Property Rights Element

Policy 1 Statement of Rights

The following rights shall be considered in local decision making:

1. The right of a property owner to physically possess and control his or her interests in the property, including easements, leases, or mineral rights.
2. The right of a property owner to use, maintain, develop, and improve his or her property for personal use or the use of any other person, subject to state law and local ordinances.
3. The right of the property owner to privacy and to exclude others from the property to protect the owner's possession and property.
4. The right of a property owner to dispose of his or her property through sale or gift.

Requirements for Permits and Approvals:

2.2.8 *Variance*. A variance is permission granted by the planning commission to depart from a dimensional requirement of these LURs. Variances are allowed to relieve a property owner who, because of property characteristics beyond his or her control, is unable to meet a dimensional requirement of these LURs. Waivers granted by the PCD director as allowed in various sections of these LURs are exempt from this subsection.

2.2.8.1 *Eligibility*. A property owner who finds that a characteristic of his or her land or buildings makes it impossible or difficult to meet a dimensional requirement of these LURs may apply for a dimensional variance if:

a. The application meets all of the following criteria:

**** Please see the application materials for the applicant's response to the following Review Criteria****

- i. The need for the dimensional variance was not created by the applicant's or previous owner's action, such as improper lot division, in violation of these LURs or previously effective land use regulations.

Staff Response: It was not the owner who split the lots to create the thin margins between houses.

- ii. Strict application of the provisions of these LURs would deprive the applicant of a reasonable use of his property, cause him unnecessary hardship, or deprive him or her of rights commonly enjoyed by other property owners in the same land use atlas district, and

Staff Response: As this is the last house to be built along this roadway in the Bella Sole community, this variance would allow for the owner to build similar to the other properties on the street.

- iii. The granting of the dimensional variance would not confer on the applicant any special privilege denied to other property owners in the same land use atlas district; and

Staff Response: All residential properties and those properties are beholden to the same setback standards and as such, residents can make the same request for a deviation from the standards.

- iv. The application is for a dimensional variance and would not authorize a use otherwise prohibited by these LURs, and

Staff Response: The request is limited to a dimensional variance; the city is precluded from allowing consideration of a variance for use.

- v. The dimensional variance is the minimum variance that will allow reasonable use of the property.

Staff Response: While staff can see a reasonable use of the property being made without the granting of the variance, it is argued that other properties along this road appear to be encroaching on their various setbacks with similar usage.

2.2.8.4 *Review and action.* The planning commission shall hold a public hearing on the application. If the eligibility criteria above are met, the planning commission may grant the variance as requested or a modification if more appropriate. Latent changes to an application made by the applicant whereby insufficient review has been allowed for staff, board, or city council, as determined by the PCD director, may require a delay in the processing of the application, and shall result in additional review and public notice costs at the applicant's expense. If the application is for a variance of a flood requirement (subsection 3.4.3.2) must be complied with. In granting a variance, the planning commission may impose such reasonable conditions as will ensure that the use of the property to which the variance applies will be as compatible as practicable with the surrounding properties. A variance is granted to the property and not to the applicant.

**** Reminder****

If approved, the variance will run in perpetuity with the land and not the use of the property or ownership.

Planning and Community Development Analysis:

The Comprehensive Plan encourages the City to preserve and enhance existing neighborhoods and foster development which are sensitive to the development pattern of surrounding properties. Compatibility is critical to maintaining the character and integrity of an established neighborhood. As the Commission reviews the subject request, the Commission should take into consideration the intent of the Comprehensive Plan and whether the proposed request alters the character of the neighborhood.

STAFF COMMENTS:

1. Planning Commission is encouraged to evaluate the request based on the provided criteria, as well as input from staff, the applicant, and the public.
2. It is in staff's opinion that the request is found to be consistent with the intent of Section 2.2.8.1 of the Land Use Regulations and the Goals, Objectives, and Policies of the Comprehensive Plan.

Respectfully submitted,

Brandon Wink

Brandon Wink
City Planner

EXHIBITS:

EXHIBIT "A": Location Map

EXHIBIT "B": Future Land Use Map

EXHIBIT "C": Zoning Map

EXHIBIT "D": Boundary Survey

EXHIBIT "A" Location Map



EXHIBIT "B" Future Land Use Map

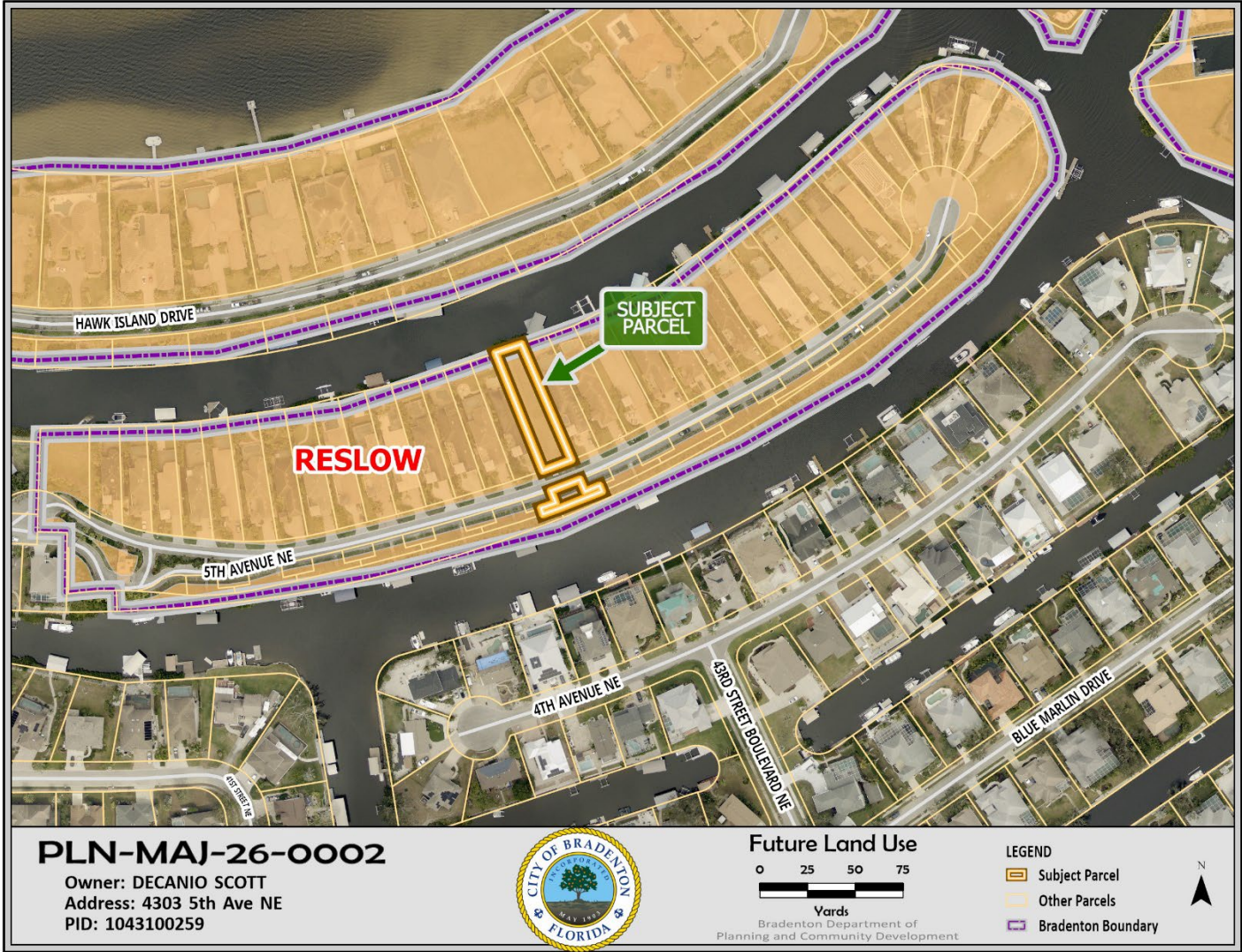
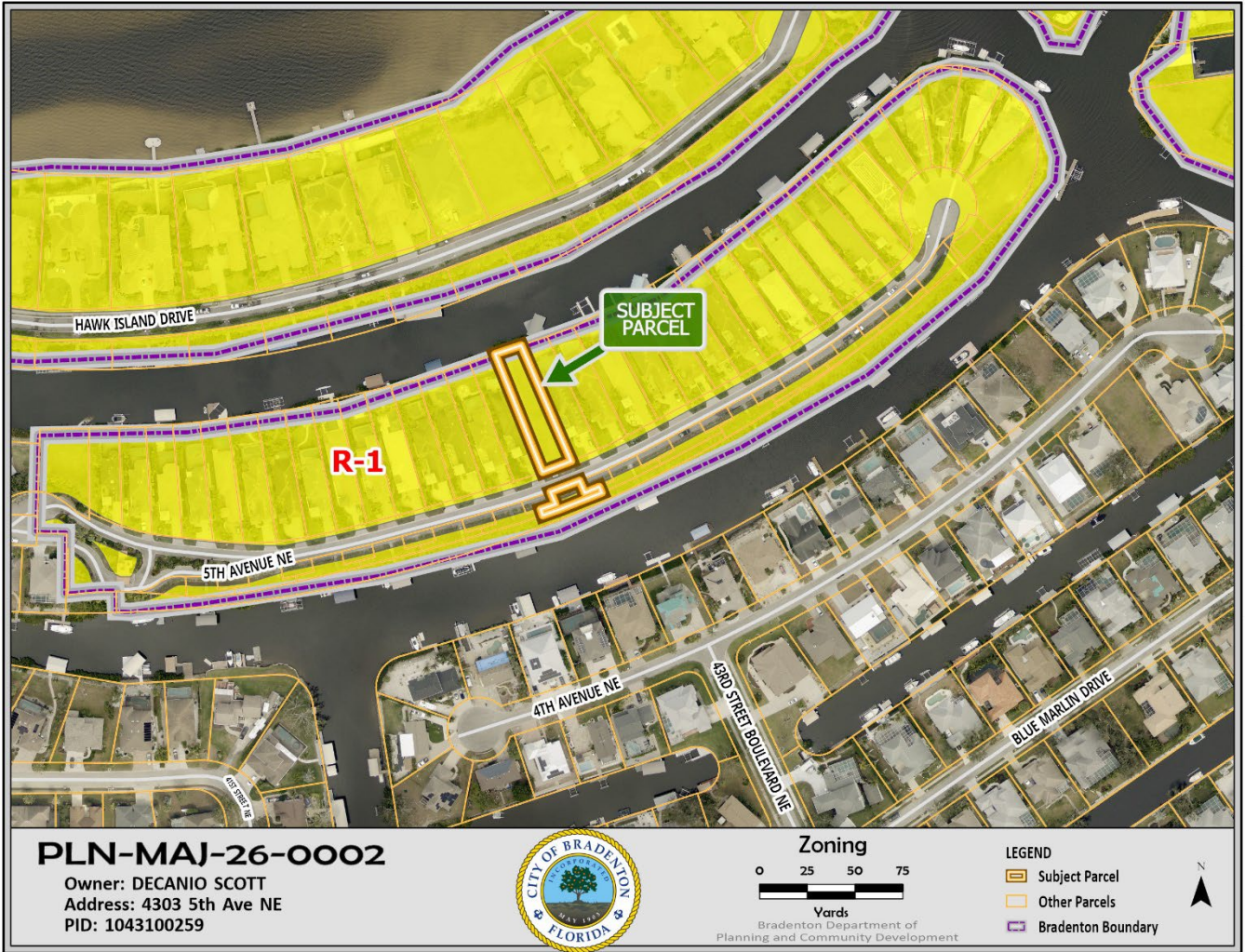
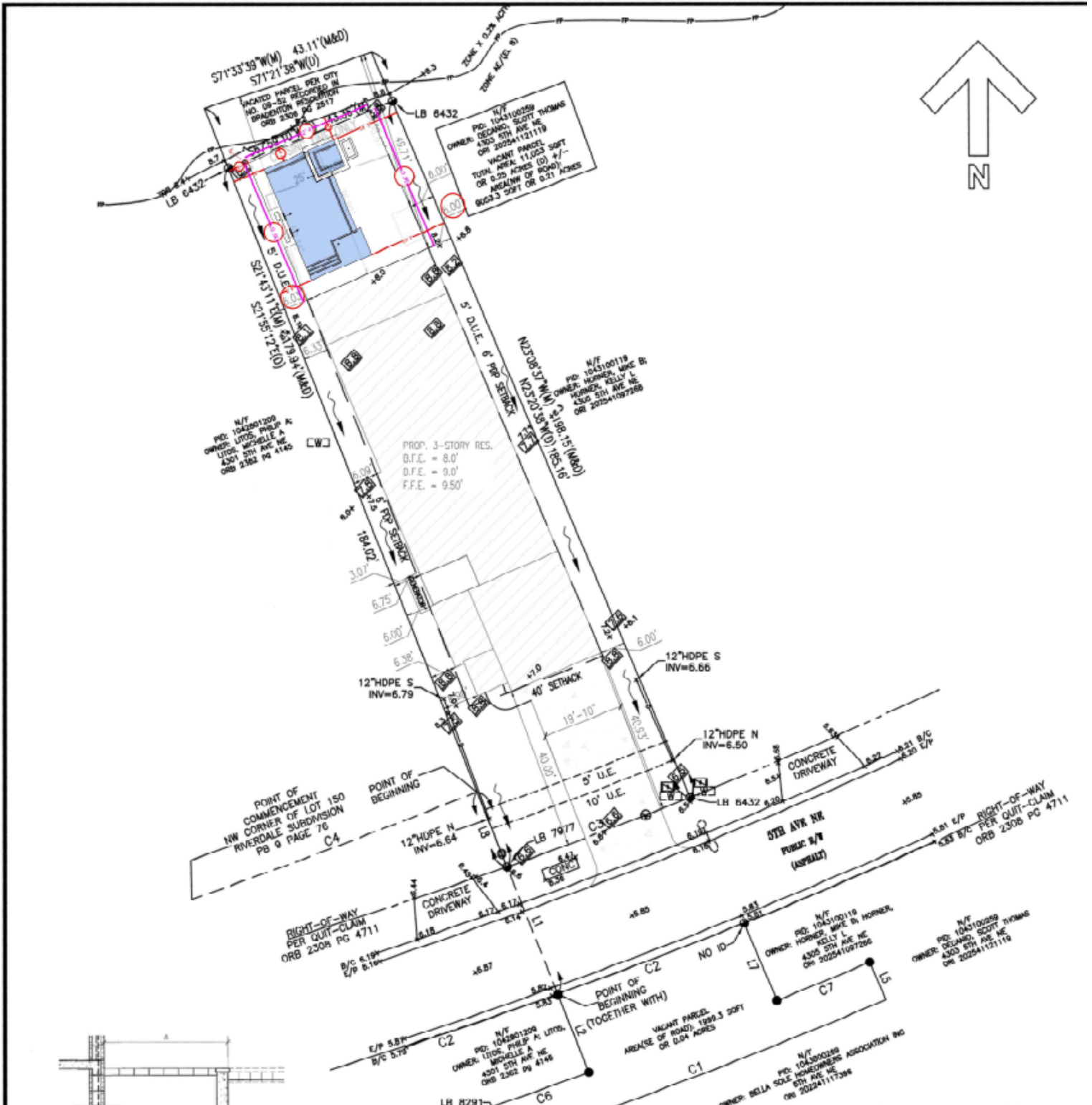


EXHIBIT "C" Zoning Map



Date Saved: 4/14/2023 8:59 AM Document Path: D:\419191_Maps\2023_PlanMap\MAJ-26-0002 - 4303 5th Ave NE PLN-MAJ-26-0002\PLN-MAJ-26-0002.aprx

EXHIBIT "D" Boundary Survey





GREEN STREET BUILDERS

April 7, 2026

**City of Bradenton Planning Department
101 12th Street West
Bradenton, FL 34205**

**Letter of Request for PLN-VAR-26-0003
Pool Setback Variance (Associated with Permit RES-NEW-26-0005)**

To Whom It May Concern,

The applicant respectfully requests a variance to reduce the required rear setback for a residential swimming pool from twenty-five (25) feet to fifteen (15) feet. This request is associated with a new single-family residence currently under review by the City under Permit No. RES-NEW-26-0005.

This request is necessitated by unique conditions related to the configuration and measurement of the subject lot, which significantly reduce the functional rear yard area compared to similarly situated properties within the Planned Development Project (PDP). These conditions are not self-created and result in a disproportionate hardship by limiting the ability to construct a reasonably sized residential pool.

The requested 15-foot setback is consistent with the development pattern observed throughout the PDP and will remain compatible with the surrounding neighborhood. Approval of this variance will not adversely affect adjacent properties, drainage, light, air, or privacy, and the pool will comply with all other applicable codes and regulations.

The requested variance represents the minimum relief necessary to allow reasonable use of the property while maintaining consistency with the intent of the City of Bradenton Land Development Code.

Sincerely,

James Brown, Green Street Builders LLC

4/7/26



GREEN STREET BUILDERS

April 7, 2026

**City of Bradenton Planning Department
101 12th Street West
Bradenton, FL 34205**

**Finding of Fact for PLN-VAR-26-0003
Pool Setback Variance (Associated with Permit RES-NEW-26-0005)**

A.1 – Not Self-Created Hardship

The need for the variance is not the result of any action by the applicant or previous owner. The hardship arises from the unique configuration and measurement of the lot within the PDP, which limits the usable rear yard area.

A.2 – Unnecessary Hardship

Strict application of the 25-foot rear setback would create an unnecessary hardship by preventing the construction of a reasonably sized residential pool, thereby depriving the property owner of a common amenity enjoyed by other similarly situated properties.

A.3 – No Special Privilege

Granting the variance will not confer a special privilege, as similar pool setbacks exist within the PDP and surrounding area.

A.4 – Dimensional Variance Only

The request is strictly for a dimensional variance and does not authorize any prohibited use.

A.5 – Minimum Necessary Relief

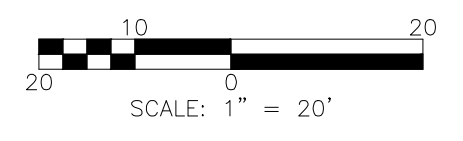
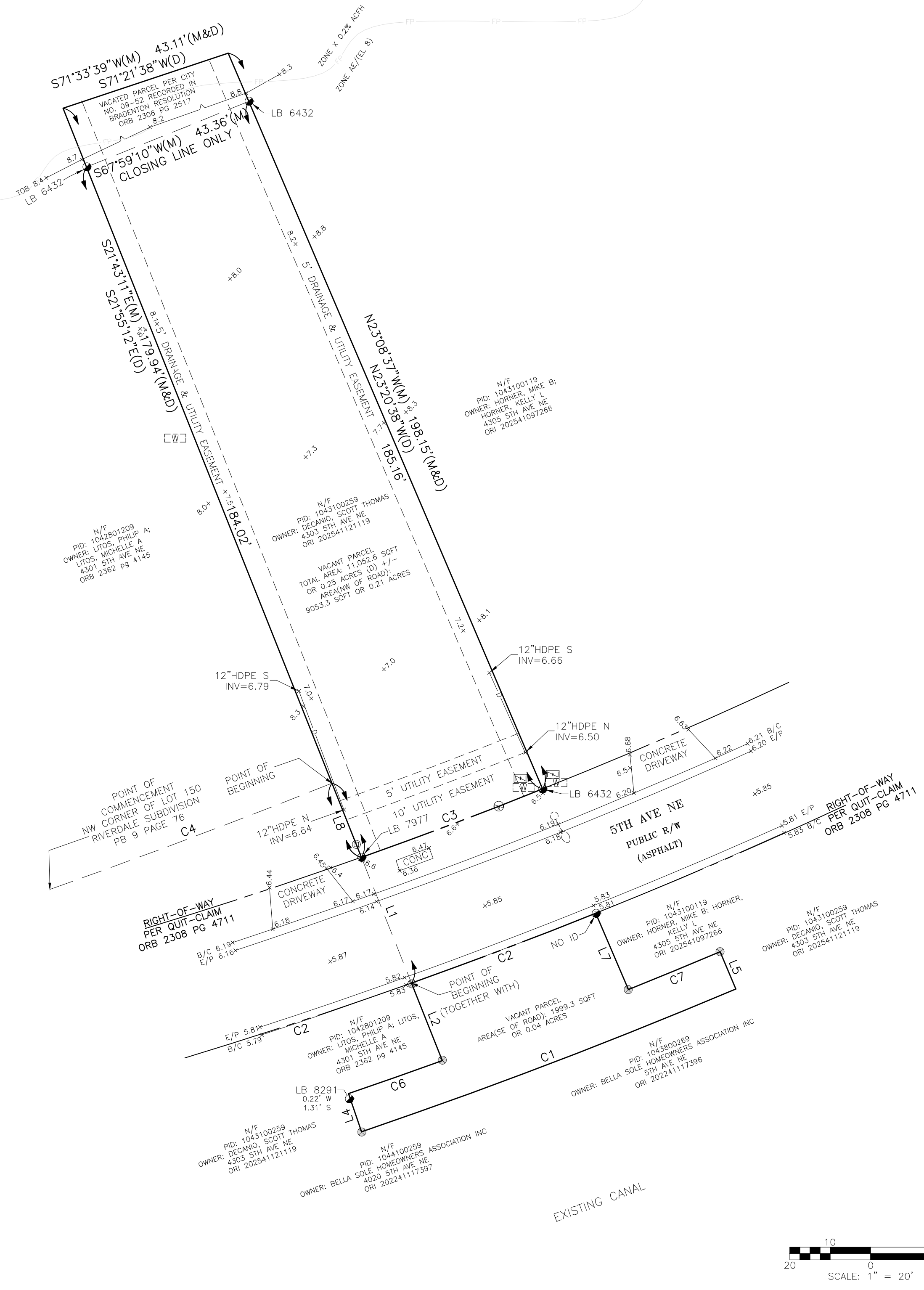
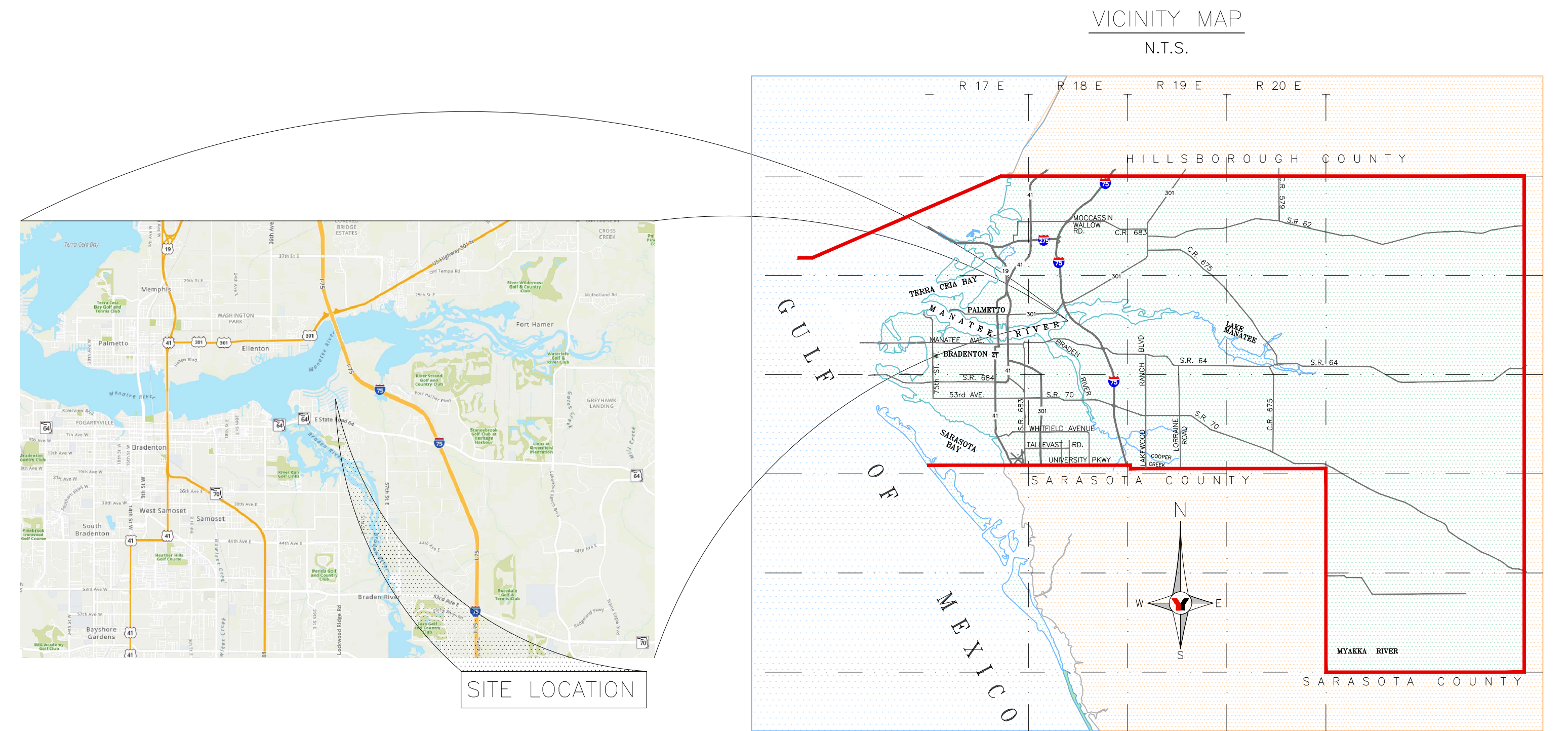
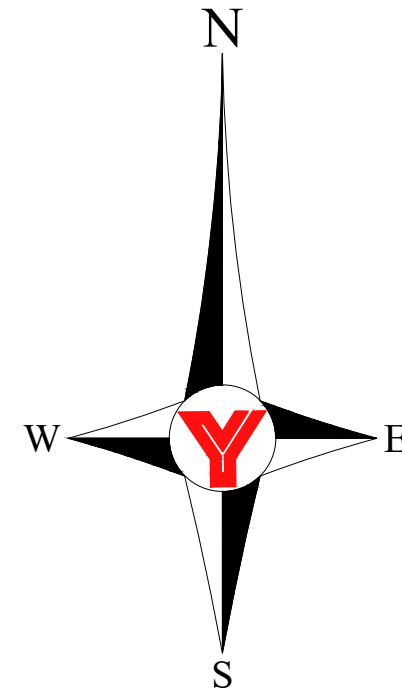
The reduction to 15 feet is the minimum variance necessary to allow reasonable placement of a residential pool given the site constraints.

B – Not Applicable

The request meets all criteria under Section A.

Line #	Direction	Length
L1(M)	S21° 43' 11"E	53.26
L1(D)	S21° 55' 12"E	53.26
L2(M)	S21° 43' 11"E	20.67
L2(D)	S21° 55' 12"E	20.67
L4(M)	S18° 50' 12"E	10.00
L4(D)	S19° 02' 13"E	10.00
L5(M)	N22° 55' 51"W	10.00
L5(D)	N23° 07' 52"W	10.00
L7(M)	N23° 08' 37"W	20.56
L7(D)	N23° 20' 38"W	20.56
L8(M)	S21° 43' 11"E	19.76
L8(D)	S21° 55' 12"E	19.76

CURVE TABLE					
CURVE #	ARC LENGTH	RADIUS	DELTA	CHORD BEARING	CHORD LENGTH
C1(M)	99.25	1389.00	004.0539	N69°06'59"E	99.23
C1(D)	99.25	1389.00	004.0538	N68°54'58"E	99.23
C2(M)	48.81	1253.51	002.1351	S69°15'37"W	48.80
C2(D)	48.81	1253.51	002.1352	S69°03'24"W	48.80
C3(M)	47.97	1220.03	002.1511	S69°18'12"W	47.97
C3(D)	47.98	1220.03	002.1511	S69°06'11"W	47.97
C4(M)	74.64	1910.00	002.1421	N69°22'33"E	74.64
C4(D)	74.64	1910.00	002.1421	N69°10'32"E	74.64
C6(M)	24.65	1379.00	001.0127	S70°39'04"W	24.65
C6(D)	24.65	1379.00	001.0127	S70°27'03"W	24.65
C7(M)	24.57	1379.00	001.0115	S67°34'46"W	24.57
C7(D)	24.57	1379.00	001.0115	S67°22'45"W	24.57



NOTES

- This survey is a graphic depiction of the current boundary and visible improvements in accordance with the legal description shown hereon and may not reflect ownership.
- There may be additional easements, reservations, restrictions and/or other matters of record affecting this property that are not shown hereon that may (or may not) be found in the public records of this county. The undersigned has not performed an independent search for additional records.
- This map is intended to be displayed at a scale of 1" = 20' or smaller.
- The printed dimensions shown on this survey supersede any scaled dimensions; there may be items drawn out of scale to graphically show their location.
- "Certification" is understood to be an expression of professional opinion by the surveyor and mapper based on the surveyor and mapper's knowledge and information, and that it is not a guarantee or warranty, expressed or implied.
- This survey has been exclusively prepared for the named entities shown hereon and is not transferable. No other person or entity is entitled to rely upon and/or re-use this survey for any purpose without the expressed, written consent of George F. Young, Inc. and the undersigned professional surveyor and mapper.
- Unauthorized copies and/or reproductions via any medium of this survey or any portions thereof are expressly prohibited without the written consent of George F. Young, Inc. and the undersigned Professional Surveyor and Mapper.
- Additions or deletions to survey maps or reports by other than the signing party or parties are prohibited without written consent of the signing party or parties.
- This survey is valid as to the last date of field survey and not the signature date (if any).
- This survey map and report (if applicable) or the copies thereof are not valid without the original signature and seal of a Florida licensed Surveyor and Mapper.
- Bearings and coordinates shown on this map are based on Florida State Plane Coordinate System, West Zone, as referenced to the North American Datum of 1983(2011) adjustment and are shown in U.S. Survey Feet.
- Elevations shown on this survey are based on the North American Vertical Datum of 1988 (NAVD88). Elevations were derived from Real Time Kinematic Global Positioning System (RTK GPS) observations.
- As per the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) Number 12081C0169F, effective date of August 10, 2021, the above-described property appears to be in multiple zones as shown on survey.
- This survey prepared without the benefit of a title search. No instruments of record reflecting ownership, easements or rights of way were furnished to the undersigned, unless otherwise shown hereon.
- No information on adjoining property owners or adjoining property recording information was provided to the surveyor.
- Gross land area is 11,052.6 square feet or 0.25 acres more or less.
- George F. Young, Inc. and the undersigned make no representations or guarantees pertaining to easements, rights-of-way, set back lines, reservations and/or agreements.

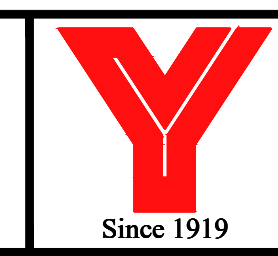
LEGEND

DESCRIPTION	
●	IRON ROD AND CAP FOUND
⊗	IRON ROD FOUND
▭	BACKFLOW PREVENTER
○	LIGHT POLE, METAL
⊕	VALVE COVER SANITARY
⊙	CLEANOUT
□	METER, WATER
▭	CONC CONCRETE
EL	ELEVATION
LB	LICENSED BUSINESS
PSM	PROFESSIONAL SURVEYOR AND MAPPER
LS	LICENSED SURVEYOR
—	STORM DRAIN PIPE
●	TOP OF BANK
NOID	NO IDENTIFICATION
HDPE	HIGH-DENSITY POLYETHYLENE PIPE
E/P	EDGE OF PAVEMENT
B/C	BACK OF CURB
FP	FLOODPLAIN
(M&D)	MEASURED AND DEED
(M)	MEASURED
(D)	DEED
INV	INVERT
N/F	NOW OR FORMERLY
PID	PROPERTY IDENTIFICATION NUMBER
ORI	OFFICIAL RECORDS INSTRUMENT
ORB	OFFICIAL RECORDS BOOK
PB	PLAT BOOK
PG	PAGE

NO.	BY	DATE	DESCRIPTION
1			
2			
3			
4			
5			

NO.	BY	DATE	DESCRIPTION
6			
7			
8			
9			
10			

PREPARED FOR:
GREEN STREET HOMES
 635 443RD STREET BLVD WEST
 PALMETTO, FL 34221
 941 773 5027



George F. Young, Inc.
 10540 PORTAL CROSSING, SUITE 105 LAKEWOOD RANCH, FLORIDA 34211
 PHONE (941) 747-2981 WWW.GEORGEFYOUNG.COM
 CIVIL, TRANSPORTATION, SUBSURFACE & STRUCTURAL ENGINEERING
 ECOLOGY | GIS | PLANNING | SURVEYING

SHANE A. CHRISTY PSM LS 7100
 DATE

4303 5TH AVE NE
BOUNDARY & TOPOGRAPHIC SURVEY
 SECTION 21&28 TOWNSHIP 34 S. RANGE 18 E.

JOB NO. 25034000LS
 SHEET NO. 1 OF 1

FILE: Z:\Survey\greenstreet\map\25034000LS.dwg, 10/24/2025, 3:17 PM, L0204, Name: Chad

MAP OF SURVEY

Section 28, Township 34 South, Range 18 East

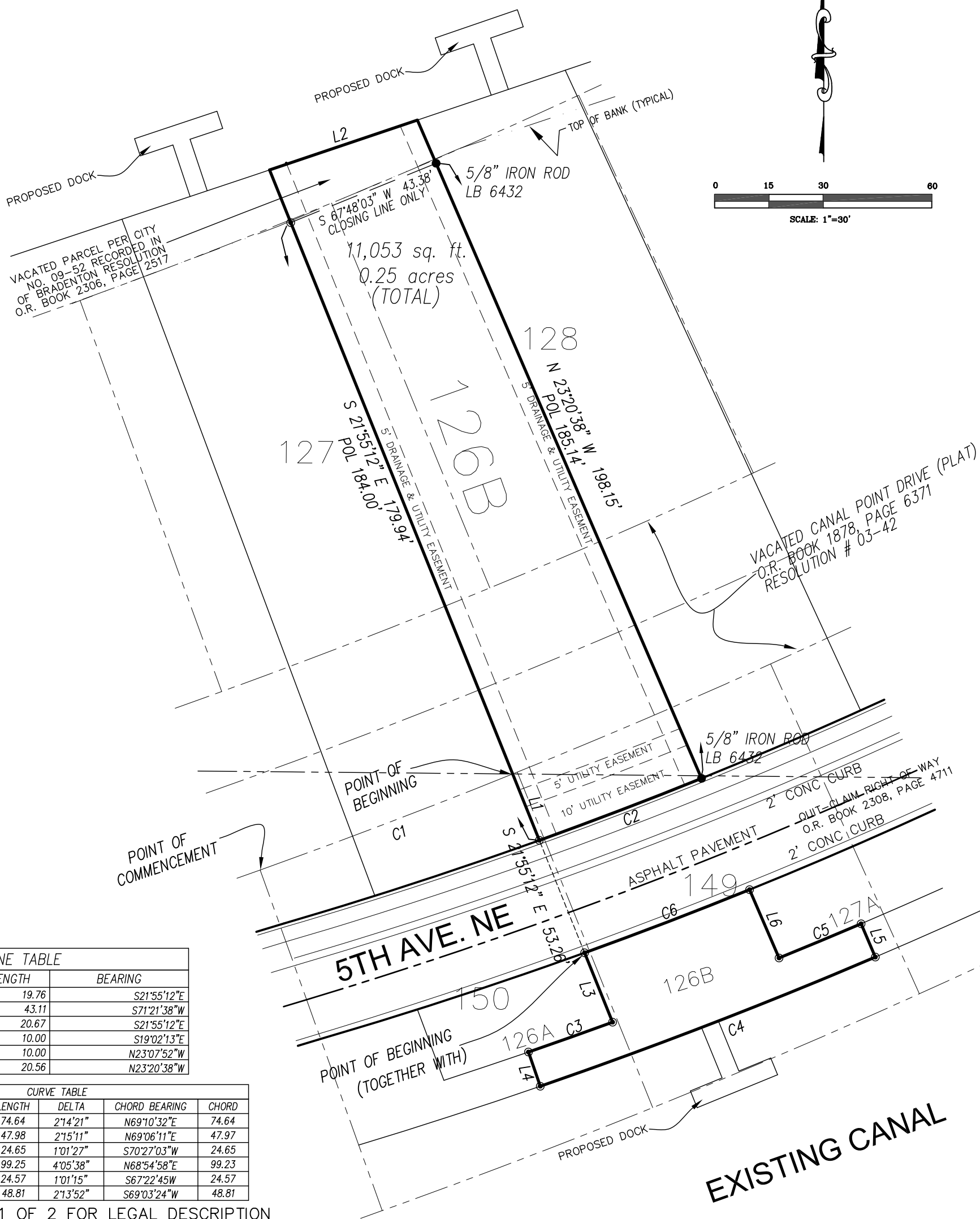
LEGEND:

ARC = ARC LENGTH	ESMT = EASEMENT	PRM = PERMANENT REFERENCE MONUMENT	TWP = TOWNSHIP
AC = ACRES	F = FIELD MEASURED	PSM = PROFESSIONAL SURVEYOR & MAPPER	BM = BENCHMARK
A/C = AIR CONDITIONER	F.F. = FINISHED FLOOR	PT = POINT OF TANGENT	WM = WATER METER
ALUM = ALUMINUM	INV = INVERT	R = RADIUS	WV = WATER VALVE
ASPH = ASPHALT	LP = LIGHT POLE	RAD = RADIAL	SPOT ELEVATION
BLK = BLOCK	HYD = FIRE HYDRANT	RES = RESIDENCE	FCM (FND. CONC. MONUMENT) SIZE AND No. DENOTED.
BNDRY = BOUNDARY	MAS = MASONRY	RET = RETENTION-RETAINING	SCM (SET 4x4 CONC. MONUMENT #7327)
C = CALCULATED	OUL = OVERHEAD UTILITY LINE	RNG = RANGE	FPKND (NAIL & DISK FND.) (No. DENOTED)
CB = CHORD BEARING	O.R. = OFFICIAL RECORD	R/W = RIGHT OF WAY	SPKND (NAIL & DISK SET) (LB 7327)
CL = CENTERLINE	P = PLAT	SE = SOUTHEAST	FIR/FIP (FOUND IRON ROD OR IRON PIPE) SIZE AND No. DENOTED
CLF = CHAIN LINK FENCE	PB = PLAT BOOK	SN = SET NAIL	5/8" IRON ROD SET W/CAP STAMPED 6432
CONC = CONCRETE	PC = POINT OF CURVATURE	SR = STATE ROAD	SANITARY SERVICE
COR = CORNER	PCC = POINT OF COMPOUND CURVATURE	STY = STORY	WATER SERVICE
COV = COVERED	PCP = PERMANENT CONTROL POINT	S'W = SIDEWALK	PROPOSED ELEVATION
CR = COUNTY ROAD	PI = POINT OF INTERSECTION	TEL = TELEPHONE	FLOW ARROW
D = DEED or DESCRIBED AREA	PK = PARKER KALON NAIL	TOB = TOP OF BANK	
DRA = DRAINAGE RETENTION AREA	PM = POWER METER	TRANS = TRANSFORMER	
ELEC = ELECTRIC	POB = POINT OF BEGINNING	TV = TELEVISION	
ELEV = ELEVATION	UP = UTILITY POLE		
EOP = EDGE OF PAVEMENT	PP = POINT OF REVERSE CURVATURE		

NOTES:

1. BEARINGS ARE BASED ON THE WEST LOT LINE BEING S.39°19'37"E.
2. UNLESS OTHERWISE STATED THE PROPERTY DESCRIPTION SHOWN HEREON WAS PROVIDED BY THE CLIENT.
3. UNDERGROUND IMPROVEMENTS INCLUDING BUILDING FOUNDATIONS HAVE NOT BEEN LOCATED EXCEPT AS SHOWN HEREON. THIS DOCUMENT SHOULD NOT BE RELIED UPON FOR EXCAVATION OR CRITICAL DESIGN FUNCTIONS WITHOUT FIELD VERIFICATION OF UNDERGROUND UTILITY LOCATIONS.
4. ABOVE GROUND IMPROVEMENTS INCLUDING BUILDING OVERHANGS HAVE NOT BEEN LOCATED EXCEPT AS SHOWN HEREON.
5. THERE MAY BE ADDITIONAL EASEMENT AND RESTRICTIONS NOT SHOWN ON THIS DRAWING THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY.
6. THE PROPERTY LIES IN FLOOD ZONE AE AS PER F.I.R.M. PANEL No. 120153 0194 C, DATED 07-15-92. (SUBJECT TO VERIFICATION) (INFORMATION SCALED FROM FEMA MAPS)
7. THERE MAY BE AREAS WITHIN THE BOUNDARIES OF THIS SURVEY THAT MAY BE CONSIDERED JURISDICTIONAL BY VARIOUS AGENCIES.
8. REUSE OF THIS SURVEY FOR THE PURPOSES OTHER THAN WHICH IT WAS INTENDED WITHOUT WRITTEN VERIFICATION, WILL BE AT THE RE-USERS SOLE RISK AND WITHOUT LIABILITY TO THE SURVEYOR. NOTHING HEREIN SHALL BE CONSTRUED TO GIVE ANY RIGHTS OR BENEFITS TO ANYONE OTHER THAN THOSE CERTIFIED TO.
9. ELEVATIONS IF SHOWN HEREON ARE BASED ON BENCHMARK RM22 ELEVATION=15.87 (REFERENCED TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929)
10. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT OR ABSTRACT AND THEREFORE DOES NOT NECESSARILY INDICATE ALL ENCUMBRANCES OF THE PROPERTY
11. OWNER AND/OR CONTRACTOR TO VERIFY ALL DETAILS AND DIMENSIONS PRIOR TO PERMITTING, BUILDING AND BUILDING SETBACK TO BE VERIFIED BY CLIENT.

BOUNDARY SURVEY



LINE	LENGTH	BEARING
L1	19.76	S21°55'12"E
L2	43.11	S71°21'38"W
L3	20.67	S21°55'12"E
L4	10.00	S19°02'13"E
L5	10.00	N23°07'52"W
L6	20.56	N23°20'38"W

CURVE	RADIUS	LENGTH	DELTA	CHORD BEARING	CHORD
C1	1910.00	74.64	2°14'21"	N69°10'32"E	74.64
C2	1220.03	47.98	2°15'11"	N69°06'11"E	47.97
C3	1379.00	24.65	1°01'27"	S70°27'03"W	24.65
C4	1389.00	99.25	4°05'38"	N68°54'58"E	99.23
C5	1379.00	24.57	1°01'15"	S67°22'45"W	24.57
C6	1253.51	48.81	2°13'52"	S69°03'24"W	48.81

SEE SHEET 1 OF 2 FOR LEGAL DESCRIPTION

PARCEL 126 B - BELLA SOLE

SENT TO: ken keating

LEGAL DESCRIPTION (PARCEL 126B- BELLA SOLE)

A PORTION OF LOTS 127, 128, 149 AND 150, BLOCK A, RIVERDALE, A SUBDIVISION AS PER PLAT THEREOF RECORDED IN PLAT BOOK 9, PAGE 76 OF THE PUBLIC RECORDS OF MANATEE COUNTY, FLORIDA, TOGETHER WITH A PORTION OF CANAL POINT DRIVE VACATED PER CITY OF BRADENTON RESOLUTION NUMBER 03-42, RECORDED IN OFFICIAL RECORDS BOOK 1878, PAGE 6371 OF SAID PUBLIC RECORDS OF MANATEE COUNTY, FLORIDA AND A PORTION OF THAT CERTAIN PLATTED CANAL VACATED BY CITY OF BRADENTON RESOLUTION NUMBER 09-52, RECORDED IN OFFICIAL RECORDS BOOK 2306, PAGE 2517 OF SAID PUBLIC RECORDS OF MANATEE COUNTY, FLORIDA AND ALL BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHWEST CORNER OF SAID LOT 150, SAID POINT BEING THE BEGINNING OF A CURVE TO THE LEFT, OF WHICH THE RADIUS POINT LIES N.19°42'18"W., A RADIAL DISTANCE OF 1,910.00 FEET AND HAVING A CHORD BEARING OF N.69°10'32"E., 74.64 FEET; THENCE EASTERLY ALONG THE ARC, THROUGH A CENTRAL ANGLE OF 02°14'21", A DISTANCE OF 74.64 FEET TO THE END OF THE CURVE FOR A POINT OF BEGINNING; THENCE S.21°55'12"E., A DISTANCE OF 19.76 FEET TO THE INTERSECTION WITH THE NORTH LINE OF THAT CERTAIN RIGHT OF WAY DESCRIBED IN QUIT-CLAIM DEED RECORDED IN O.R. BOOK 2308, PAGE 4711 OF THE PUBLIC RECORDS OF MANATEE COUNTY, FLORIDA, SAID POINT ALSO BEING A POINT OF CURVATURE OF A NON-TANGENTIAL CURVE, CONCAVE NORTH, OF WHICH THE RADIUS POINT LIES N.19°46'13"W. ,A RADIAL DISTANCE OF 1,220.03 FEET; THENCE EASTERLY ALONG SAID NORTH RIGHT OF WAY LINE AND ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 02°15'11", A DISTANCE OF 47.98 FEET, SAID CURVE BEING SUBTENDED BY A CHORD THAT BEARS N.69°06'11"E., A DISTANCE OF 47.97 FEET; THENCE N.23°20'38"W., A DISTANCE OF 198.15 FEET; THENCE S.71°21'38"W., A DISTANCE OF 43.11 FEET; THENCE S.21°55'12"E., A DISTANCE OF 179.94 FEET TO THE POINT OF BEGINNING.

TOGETHER WITH:

COMMENCE AT THE NORTHWEST CORNER LOT 150, SAID POINT BEING THE BEGINNING OF A CURVE TO THE LEFT, OF WHICH THE RADIUS POINT LIES N.19°42'18"W., A RADIAL DISTANCE OF 1,910.00 FEET AND HAVING A CHORD BEARING OF N.69°10'32"E., 74.64 FEET; THENCE EASTERLY ALONG THE ARC, THROUGH A CENTRAL ANGLE OF 02°14'21", A DISTANCE OF 74.64 FEET; THENCE S.21°55'12"E., A DISTANCE OF 53.26 FEET TO THE INTERSECTION WITH THE SOUTH LINE OF THAT CERTAIN RIGHT OF WAY DESCRIBED IN QUIT-CLAIM DEED RECORDED IN O.R. BOOK 2308, PAGE 4711 OF THE PUBLIC RECORDS OF MANATEE COUNTY, FLORIDA FOR A POINT OF BEGINNING; THENCE CONTINUE S.21°55'12"E. ALONG SAID LINE, A DISTANCE OF 20.67 FEET TO A POINT OF CURVATURE OF A NON-TANGENTIAL CURVE, CONCAVE NORTH, OF WHICH THE RADIUS POINT LIES N.20°03'40"W. ,A RADIAL DISTANCE OF 1,379.00 FEET; THENCE WESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 01°01'27", A DISTANCE OF 24.65 FEET, SAID CURVE BEING SUBTENDED BY A CHORD THAT BEARS S.70°27'03"W., A DISTANCE OF 24.65 FEET; THENCE S.19°02'13"E., A DISTANCE OF 10.00 FEET TO A POINT OF CURVATURE OF A NON-TANGENTIAL CURVE, CONCAVE NORTH, OF WHICH THE RADIUS POINT LIES N.19°02'13"W. ,A RADIAL DISTANCE OF 1,389.00 FEET; THENCE EASTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 04°05'38", A DISTANCE OF 99.25 FEET, SAID CURVE BEING SUBTENDED BY A CHORD THAT BEARS N.68°54'58"E., A DISTANCE OF 99.23 FEET; THENCE N.23°07'52"W., A DISTANCE OF 10.00 FEET TO A POINT OF CURVATURE OF A NON-TANGENTIAL CURVE, CONCAVE NORTHWEST, OF WHICH THE RADIUS POINT LIES N.23°07'52"W. ,A RADIAL DISTANCE OF 1,379.00 FEET; THENCE SOUTHWESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 01°01'15", A DISTANCE OF 24.57 FEET, SAID CURVE BEING SUBTENDED BY A CHORD THAT BEARS S.67°22'45"W., A DISTANCE OF 24.57 FEET; THENCE N.23°20'38"W., A DISTANCE OF 20.56 FEET TO THE INTERSECTION WITH SAID SOUTH QUIT-CLAIM RIGHT OF WAY LINE, SAID POINT ALSO BEING A POINT OF CURVATURE OF A NON-TANGENTIAL CURVE, CONCAVE NORTH, OF WHICH THE RADIUS POINT LIES N.22°03'32"W. ,A RADIAL DISTANCE OF 1,253.51 FEET; THENCE WESTERLY ALONG SAID SOUTH QUIT-CLAIM RIGHT OF WAY LINE AND ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 02°13'52", A DISTANCE OF 48.81 FEET, SAID CURVE BEING SUBTENDED BY A CHORD THAT BEARS S.69°03'24"W., A DISTANCE OF 48.81 FEET TO THE POINT OF BEGINNING.

TOTAL PARCEL LYING AND BEING IN SECTIONS 21 AND 28, TOWNSHIP 34 SOUTH, RANGE 18 EAST, MANATEE COUNTY, FLORIDA AND CONTAINS 11,053 SQUARE FEET OR 0.25 ACRES MORE OR LESS.

SUBJECT TO PERTINENT EASEMENTS, RIGHTS OF WAY AND RESTRICTIONS OF RECORD, IF ANY.

SEE SHEET 2 OF 2 FOR SKETCH OF SURVEY

GLOBAL SURVEYING P.A.

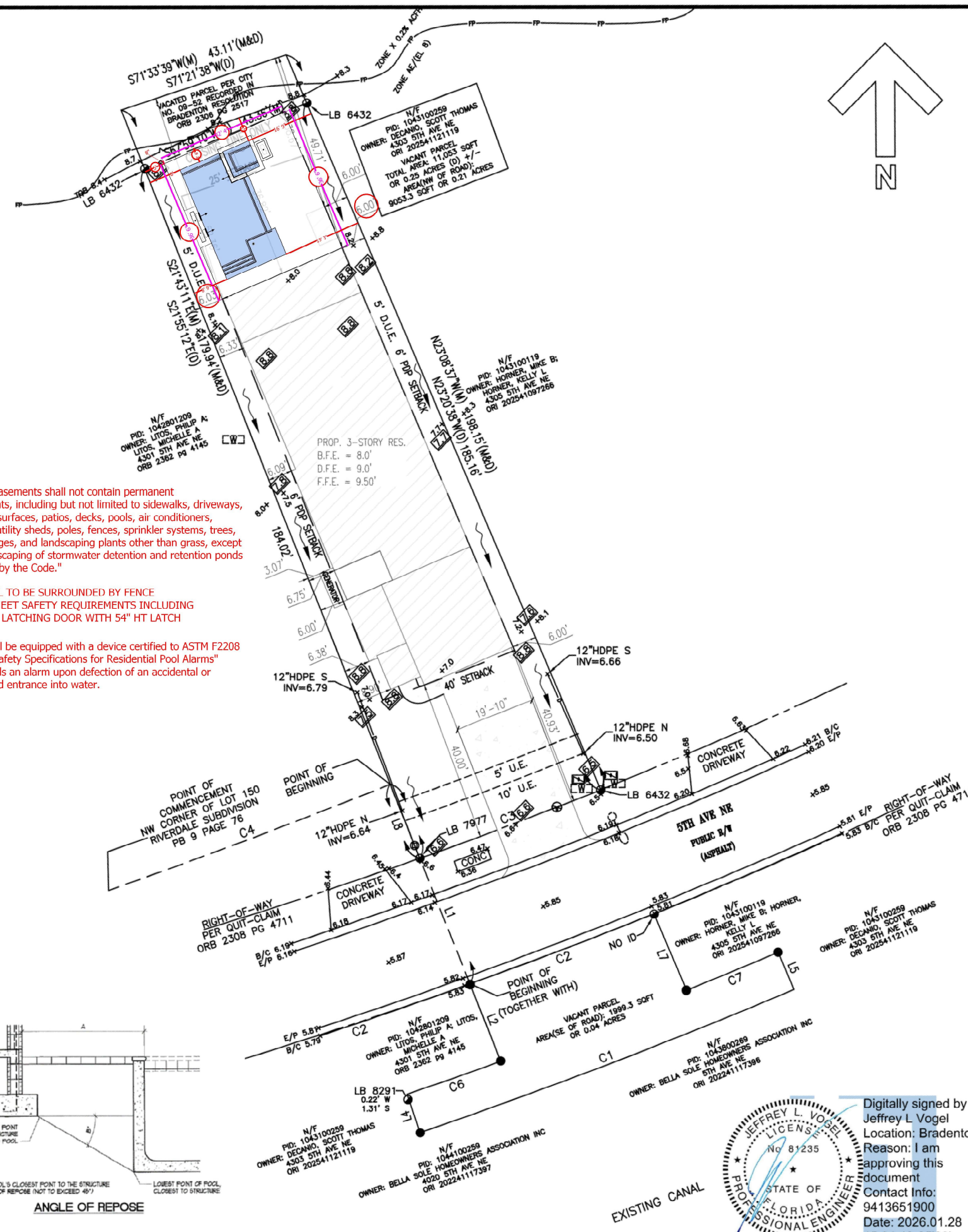
CERTIFICATE OF AUTHORIZATION LB 0006432

BRADENTON

4455 STATE ROAD 64
P.O. BOX 20755 BRADENTON, FLORIDA 34204
(941) 746-1512 (941) 747-2450 FAX



SHEET 1 OF 2	Scale: 1"= NONE	Drawn by: TP	FB/PG: NONE	DATE: 03-03-2010
				JOB: 100074



IMPERVIOUS AREA:

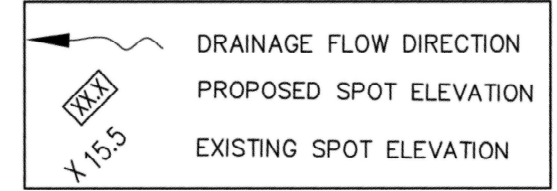
- PROP. RESIDENCE (G.F.)	2,752 SF.
- PROP. COVERED PATIO	345 SF.
- PROP. ENTRY	366 SF.
- PROP. DRIVEWAY/WALKWAY	441 SF.
TOTAL PROP. STRUCTURE:	3,904 SF.
TOTAL IMPERVIOUS AREA:	3,904 SF.
TOTAL LOT AREA:	11,053 SF.
% IMP. AREA:	35.32 %
BUILDING HEIGHT (PER PDP) =	40.00' MAX.

- LEGEND**
- S.I.R. = SET 1/2" IRON ROD WITH CAP L.B.#7875
 - F.I.R. = FOUND 5/8" IRON ROD WITH NO IDENTIFICATION
 - I.P. = IRON PIPE
 - D.H. = DRILL HOLE
 - P.C.P. = PERMANENT CONTROL POINT
 - P.R.M. = PERMANENT REFERENCE MONUMENT
 - C.M. = CONCRETE MONUMENT
 - (M) = MEASURED DATA
 - (P) = RECORD PLAT DATA
 - (C) = CALCULATED DATA
 - Δ = DELTA
 - ARC = ARC LENGTH
 - R = RADIUS
 - CHD = CHORD LENGTH
 - CH.B. = CHORD BEARING
 - B.M. = BENCH MARK
 - P.O.L. = POINT ON LINE
 - R/W = RIGHT-OF-WAY
 - ℄ = CENTERLINE
 - P.C. = POINT OF CURVATURE
 - F.F.E. = FINISHED FLOOR ELEVATION
 - W.M. = WATER METER
 - FND = FOUND
 - S.N. = SET NAIL
 - F.N. = FOUND NAIL
 - F.N.D. = FOUND NAIL & DISK
 - A.T.O.S. = AT TIME OF SURVEY
 - E.O.W. = EDGE OF WATER
 - T.O.B. = TOP OF BANK
 - O.H.U. = OVERHEAD UTILITY
 - U.P. = UTILITY POLE
 - GUY = GUY WIRE
 - P.S.B. = PHONE SERVICE BOX
 - M.H. = MANHOLE
 - F.H. = FIRE HYDRANT
 - C.B. = CATCH BASIN
 - * = LAST DAY IN FIELD
 - L.P. = LIGHT POLE
 - P.O.C. = POINT OF COMMENCEMENT
 - P.O.B. = POINT OF BEGINNING
 - D.U.E. = DRAINAGE & UTILITY EASEMENT
 - P/L = POWER LINE
 - G/L = GAS LINE
 - W/L = WATER LINE
 - S/L = SEWER LINE
 - DS = DOWNSPOUT

"Drainage easements shall not contain permanent improvements, including but not limited to sidewalks, driveways, impervious surfaces, patios, decks, pools, air conditioners, structures, utility sheds, poles, fences, sprinkler systems, trees, shrubs, hedges, and landscaping plants other than grass, except for the landscaping of stormwater detention and retention ponds as required by the Code."

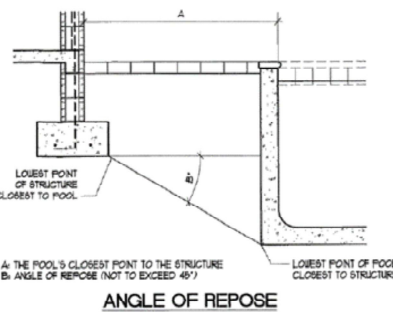
NOTE: POOL TO BE SURROUNDED BY FENCE TO MEET SAFETY REQUIREMENTS INCLUDING SELF LATCHING DOOR WITH 54" HT LATCH

The pool will be equipped with a device certified to ASTM F2208 "Standard Safety Specifications for Residential Pool Alarms" which sounds an alarm upon defection of an accidental or unauthorized entrance into water.



LOT(S):	126B	BLOCK:	A
SUBDIVISION:	RIVERDALE		
SEC:	21	TWNSHP:	34S
RANGE:	18E		
FLOOD ZONE:	AE	FLOOD ELEVATION:	8

SITE/DRAINAGE PLAN
SCALE: 1:30



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JEFFREY L. VOGEL, PE USING SHA-1 AUTHENTICATION. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

PEX
Consulting Engineers BRD, LLC

Structural Components Only

Cert. of Auth.#33881

JEFFREY L. VOGEL, PE #81235
4315 53RD AVE E, BRADENTON FL 34203
TEL (941) 365-1900/ FAX (888)365-4041
JEFF@APEXENGINEER.COM

Digitally signed by Jeffrey L Vogel
Location: Bradenton/FL
Reason: I am approving this document
Contact Info: 9413651900
Date: 2026.01.28 15:04:43-05'00'

STATE OF FLORIDA
PROFESSIONAL ENGINEER
No 81235

Site & Drainage for:
4303 5th Ave NE.
Bradenton, FL 34208

Date: 11-12-2025 Job No.: 25-0195
Drawn by: BCL Scale: AS NOTED

WHILE EVERY ATTEMPT HAS BEEN MADE IN THE PREPARATION OF THESE DRAWINGS TO AVOID MISTAKES, THE DESIGNER CANNOT GUARANTEE AGAINST HUMAN ERROR. PRIOR TO THE COMMENCEMENT OF ANY WORK, CONTRACTOR/OWNER MUST VERIFY ALL CONDITIONS AND DIMENSIONS AT JOB SITE. THE CONTRACTOR/OWNER SHALL REPORT ALL DISCREPANCIES BETWEEN DRAWINGS AND EXISTING CONDITIONS TO THE DESIGNER PRIOR TO COMMENCING WORK. © 2014 APEX C.E.

L3.1

Item Cover Page

PLANNING COMMISSION MEETING AGENDA ITEM REPORT

- DATE:** May 20, 2026
- SUBMITTED BY:** Greg DeLong, Planning & Community Development
- ITEM TYPE:** Miscellaneous
- AGENDA SECTION:** **ANNOUNCEMENT OF CITY COUNCIL PUBLIC HEARING DATES**
- SUBJECT:**
- City Council Meeting: May 13, 2026**
 - Ord. 4067 | PLN-CPS-26-0003 | 500 15th Street West | Small Comp Plan Amendment | 1st Reading
 - Ord. 4073 | PLN-CPS-26-0002 | 507-509 50th Street West | Small Comp Plan Amendment | 1st Reading
 - Ord. 4074 | PLN-ZON-26-0001 | 507-509 50th Street West | Zoning Map Amendment | 1st Reading
 - Res. 26-28 | PLN-MAJ-26-0001 | 1201 27th Street East | Major PDP Amendment to Jordan Creek East
 - City Council Meeting: May 27, 2026**
 - Ord. 4067 | PLN-CPS-26-0003 | 500 15th Street West | Small Comp Plan Amendment | 2nd Reading
 - Ord. 4073 | PLN-CPS-26-0002 | 507-509 50th Street West | Small Comp Plan Amendment | 2nd Reading
 - Ord. 4074 | PLN-ZON-26-0001 | 507-509 50th Street West | Zoning Map Amendment | 2nd Reading
 - City Council Meeting: June 10, 2026 (Tentative)**
 - Res. 26-41 | PLN-SUP-26-0008 | 1215 50th Street Court East | Special Use for a dock

SUGGESTED ACTION: N/A

Is this item Quasi-Judicial?

No

Does this item require a public hearing?

No

EXPLANATION:

N/A

FINANCIAL IMPACT:

N/A

ATTORNEY REVIEW/RECOMMENDATION:

N/A

SUGGESTED MOTION:

N/A

ATTACHMENTS: