

RESOLUTION NO. 2021- 402

A RESOLUTION BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, APPROVING THE TERMS AND AUTHORIZING THE COUNTY ADMINISTRATOR, OR DESIGNEE, TO SUBMIT A BUDGET PLAN TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF COASTAL RESILIENCE AND COASTAL PROTECTION, AS REQUIRED TO SUPPORT A LOCAL GOVERNMENT FUNDING REQUEST TO SUPPORT THE SOUTH PONTE VEDRA DUNE RESTORATION PROJECT.

WHEREAS, St. Johns County is currently working with the Florida Department of Environmental Protection (FDEP) on the South Ponte Vedra Dune Restoration Project (the "Project"); and,

WHEREAS, St. Johns County will provide local cost share funding from an established MSTU for the project area and Category V Tourist Development Tax Budget in the FY 22 budget; and,

WHEREAS, St. Johns County will continue to serve as the local sponsor; and,

WHEREAS, St. Johns County has hired a firm to complete the final design and permitting for the project; and,

WHEREAS, construction is anticipated to begin near the end of the 2021 calendar year; and,

WHEREAS, the FDEP has begun a new grant cycle and St. Johns County has submitted an annual Local Government Funding Request (LGFR) to the Florida Department of Environmental Protection, Office of Coastal Resilience and Coastal Protection for the State share of costs associated with post-construction monitoring for the Project; and,

WHEREAS, the LGFR application requires a Resolution from the County to affirm the Long Range Budget Plan for the Project; and,

WHEREAS, the FDEP requires an annual contract for its local share, contingent upon annual appropriations by the legislature.

NOW THEREFORE BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, AS FOLLOWS:

Section 1. The above Recitals are incorporated by reference into the body of this Resolution and such Recitals are adopted as findings of fact.

Section 2. A suggested Budget Plan for funding the State's portion of the Project shall be filed with the Florida Department of Environmental Protection, Office of Coastal Resilience and Coastal Protection (the "Department").

Section 3. The County Administrator, or designee, is hereby authorized to submit a proposed Budget Plan to the Department substantially in the form attached and to execute any necessary agreements concerning the beach projects with the Department, upon a finding of legal sufficiency by the Office of the County Attorney.

Section 4. The County Administrator's, or designee's, submission of any budget plan is subject to, and contingent upon, an annual budget appropriation by the Board of County Commissioners.

Section 5. To the extent that there are typographical and/or administrative errors and/or omissions that do not change the tone, tenor, or content of this Resolution, then this Resolution may be revised without subsequent approval of the Board of County Commissioners.

PASSED AND ADOPTED by the Board of County Commissioners of St. Johns County, State of Florida, this 21 day of September 2021.

**BOARD OF COUNTY COMMISSIONERS OF ST.
JOHNS COUNTY, FLORIDA**

By: *Jeremiah R. Blocker*
Jeremiah R. Blocker, Chair

ATTEST: Brandon J. Patty
Clerk of the Circuit Court & Comptroller

By: *Brandon J. Patty*
Deputy Clerk



RENDITION DATE 9/21/21



Beach Management Funding Assistance Program
Local Government Funding Request
Fiscal Year 2022/2023
Beach Projects Application

PART I: GENERAL INFORMATION

Local Sponsor:

Federal ID Number (FEID):

Primary Contact Name: Title:

Mailing Address Line 1:

Mailing Address Line 2:

City: Zip Code: Telephone Number:

Email Address:

Additional Contact Information

PART II: CERTIFICATION

I hereby certify that all information provided with this application is true and complete to the best of my knowledge.

Signature of Local Sponsor: Digitally signed by Damon Douglas
Date: 2021.07.30 14:57:40 -04'00'

Electronic or scanned signatures accepted.

Printed Name: Date:



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PART III: EVALUATION CRITERIA

1. Project Name: (as listed in the Strategic Beach Management Plan)

South Ponte Vedra Dune Restoration Project, St. Johns County R-76 through R-103.5

2. Project Description: Include county, location with reference to DEP range monuments, brief project history, and description of proposed activities.

Hurricane Matthew devastated much of the dunes and beaches in St. Johns County. In response, as post-hurricane beach recovery assistance, the State of Florida is providing St. Johns County up to \$10,468,834.86, on a 50:50 state: local cost share basis through FDEP Beaches Agreement 17SJ1, to help the county rebuild the dunes and beach berms. St. Johns County will use these post-hurricane recovery monies to rebuild the dune and berm system along R76 to R103.5 in South Ponte Vedra Beach, immediately north of the location of the recently completed South Ponte Vedra and Vilano Beach USACE Coastal Storm Risk Management Project, and to help pay for the Non-Federal share of the USACE project.

The current request seeks State funding to conduct the post construction monitoring of the South Ponte Vedra Beach Dune restoration project, St. Johns County, from R76 to R103.5. The proposed project includes a one-time dune nourishment placing an average of 20 cubic yards of sand, replacing sand lost primarily due to Hurricanes Matthew and Irma. The project is scheduled to begin construction late 2021. The sand will come from an offshore borrow site approximately eight miles offshore.



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3. Use of Requested Program Funds: Provide a brief description of tasks to be completed in each requested phase (Feasibility, Design, Construction, Monitoring, or USACE Multiphase). Indicate which tasks are cost reimbursement from previous fiscal years.

Funds requested for FY2022/2023 will support post-construction monitoring. Post monitoring will include physical monitoring (i.e., collection and analysis of beach and borrow area surveys) and biological monitoring (turtle nest monitoring, beach tilling, and scarp monitoring and remediation) required by FDEP permit 0340616-003-JC.

4. Map: Provide as an attachment. The map(s) of the project area must be formatted at a minimum of 1" = 200' scale and include a compass rose and legend.

Map elements must include:

1. **Project boundary:** DEP reference monuments and shoreline designated as critically eroded
2. **Eligibility:** Indicate lengths of eligible shoreline based on criteria outlined in Chapter 62B-36.007, F.A.C.
 - a. **Beach access locations:** indicate primary or secondary access, and include the shoreline length, number and location of auto parking spaces, mass transit stops, bike parking spaces, and public restroom facilities within 1/4 mile walking distance of each access
 - b. **Public lodging establishments:** include the length fronting the project shoreline, and include the length of street-side frontage for lodging within 1/4 mile walking distance of a secondary beach access location
3. **Recreational benefits:** Comprehensive list of current land use designations of properties fronting the project shoreline
4. **Value of upland property:** Include one-quarter mile buffer and provide a comprehensive list of the values of properties (data from year 2020) that are enclosed or intersected by the buffer. The 2020 property value tax roll data and ArcGIS shapefiles can be obtained from the Department of Revenue website: https://floridarevenue.com/property/Pages/DataPortal_RequestAssessmentRollGISData.aspx. See Guidance Document for more information.

5. Project length: Total restored project length (in feet) of the critically eroded area (as listed in the Strategic Beach Management Plan).

Total project length length in critical erosion area = 28,533 ft (R-76 to R-103.5)



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7. Schedule and Budget: Provide as a separate attachment, if needed. Clearly indicate project phase: Feasibility (F), Design (D), Construction (C), Monitoring (M), or USACE Multiphase (USACE). Include the year of post-construction monitoring in the description.

- **Cost Reimbursement:** Specify eligible costs incurred during the three years prior to the current application's fiscal year that are not in a current DEP agreement and have not been reimbursed (this includes fiscal years 19/20, 20/21, and 21/22). Eligible costs will be added to the current funding request.
- **Current and Future Costs:** Specify eligible costs for the current application's fiscal year that are not in a current DEP agreement and have not been reimbursed as well as the estimated costs for the next 4 years. Note: If Construction costs are requested in the current fiscal year, then the Year 1 Post-Construction Monitoring costs will be added to the current funding request.

Fiscal Year	Project Phase	Description	Federal Cost	State Cost	Local Cost	Total Cost
19/20						
19/20						
19/20						
20/21						
20/21						
20/21						
21/22						
21/22						
21/22						
22/23	Monitoring	Physical Monitoring		14,038	65,962	80,000
22/23	Monitoring	Biological Monitoring		26,321	123,679	150,000
22/23						
23/24	Monitoring	Physical Monitoring		15,793	74,207	90,000
23/24	Monitoring	Biological Monitoring		28,076	131,942	160,000
23/24						



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Fiscal Year	Project Phase	Description	Federal Cost	State Cost	Local Cost	Total Cost
24/25	Monitoring	Physical Monitoring		17,547	82,453	100,000
24/25	Monitoring	Biological Monitoring		28,953	136,047	165,000
24/25						
25/26						
25/26						
25/26						
26/27	Monitoring	Physical Monitoring		21,057	98,943	120,000
26/27						
26/27						

8. Tourism-related impacts: Criteria is calculated by the Department using 2020 data. For reference, tax data can be obtained from the Department of Revenue website: https://floridarevenue.com/taxes/pages/colls_from_7_2003.aspx. See Guidance Document for more information.

- Current funding request includes construction and year one post-construction monitoring
- Project is managed by two or more counties

Additional comments

9. Federal involvement: The documentation to verify authorization, federal cost share percentage, and status of funding award must be provided with the application materials for the award of points.

Is the project Federally authorized by the USACE?

Authorization Year: Expiration Year:

Does this project have a signed USACE Chief's report or Civil Works Congressional authorization for the requested phase?

USACE federal cost share percentage for this project (excluding FCCE):



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Select all that apply for the requested project phase(s) and include documentation with application materials.

- Executed USACE project agreement
- Included in USACE work plan
- Approved FEMA Project Worksheet
- Included in Congressional Appropriations Act
- Other documentation:

10. Storm damage reduction benefits: Criteria is calculated by the Department.

What is the volume (cy) of advanced nourishment lost since the last sand placement event of a beach restoration or nourishment project as measured above the Mean High Water contour? Data should be consistent with the annual post-construction monitoring reports.

For restoration projects, what is the historical erosion rate?

11. Cost effectiveness: Criteria is calculated by the Department. A project design analysis and supporting documentation must be provided with the application materials for the award of points. See Guidance Document for more information.

What is the proposed sand placement volume (cy)?

What is the nourishment interval (years)?

Select all that apply for the current project funding request:

- Enhanced longevity: Propose structural or design components that could extend the beach nourishment interval
- Dune addition: Incorporate new or enhanced dune structures or new or existing dune restoration and revegetation projects
- Innovative technology: Propose innovative technologies designed to reduce project costs
- Regionalization: Two or more local sponsors manage projects together or projects propose regional sediment management strategies to conserve sand resources or reduce project costs

Additional comments for storm damage reduction benefits and cost effectiveness



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12. Previous state commitment

Has the Department previously reviewed, approved, and cost-shared on a feasibility or design phase for this project?

Has the current proposed project phase(s) received a partial state appropriation within 3 years of phase completion?

Additional comments

13. Accessible beach area: Criteria is calculated by the Department. Provide additional information for consideration.

Describe the landward and seaward edge of the accessible beach width

Provide the project boundaries (R-monuments)

Provide citations of reference sources

14. Recreational benefits: Provide the percentage of linear footage within the project boundaries which is zoned recreational or open space; for commercial use; or to allow for public lodging establishment, or the equivalent. Provide additional documentation and DBPR website link in a separate attachment, if needed.

15. Mitigation of inlet effects: Criteria is calculated by the Department.

Additional comments

16. Successive unfunded requests

Is the current proposed project phase(s) a successive, unfunded request? If so, how many years of successive request(s) is the current application?

Does the successive request add the construction phase?



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17. Environmental habitat enhancement: Criteria is calculated by the Department. See Guidance Document for more information.

Is the project within a designated critical habitat area for threatened or endangered species that is subject to extensive shoreline armoring?

Is the project within a non-designated area where extensive shoreline armoring threatens the habitat of threatened or endangered species?

If yes to either of the above, does the project exceed best management practices to incorporate turtle-friendly designs and management strategies to protect resources or benefit critical habitat preservation?

Provide an explanation and supporting documentation for the strategies which exceed best management practices

18. Readiness to construct

Does the project have an active state permit?

Does the project have an active federal permit?

Permit number

Permit number

Authorization date

Authorization date

Expiration date

Expiration date

Have all necessary easements been acquired for the upcoming or proposed construction phase?

Has the necessary local funding been secured for the proposed project? If so, provide a copy of the draft Resolution. The signed Resolution is due by September 21, 2021.

Is an Erosion Control Line established along the project length?

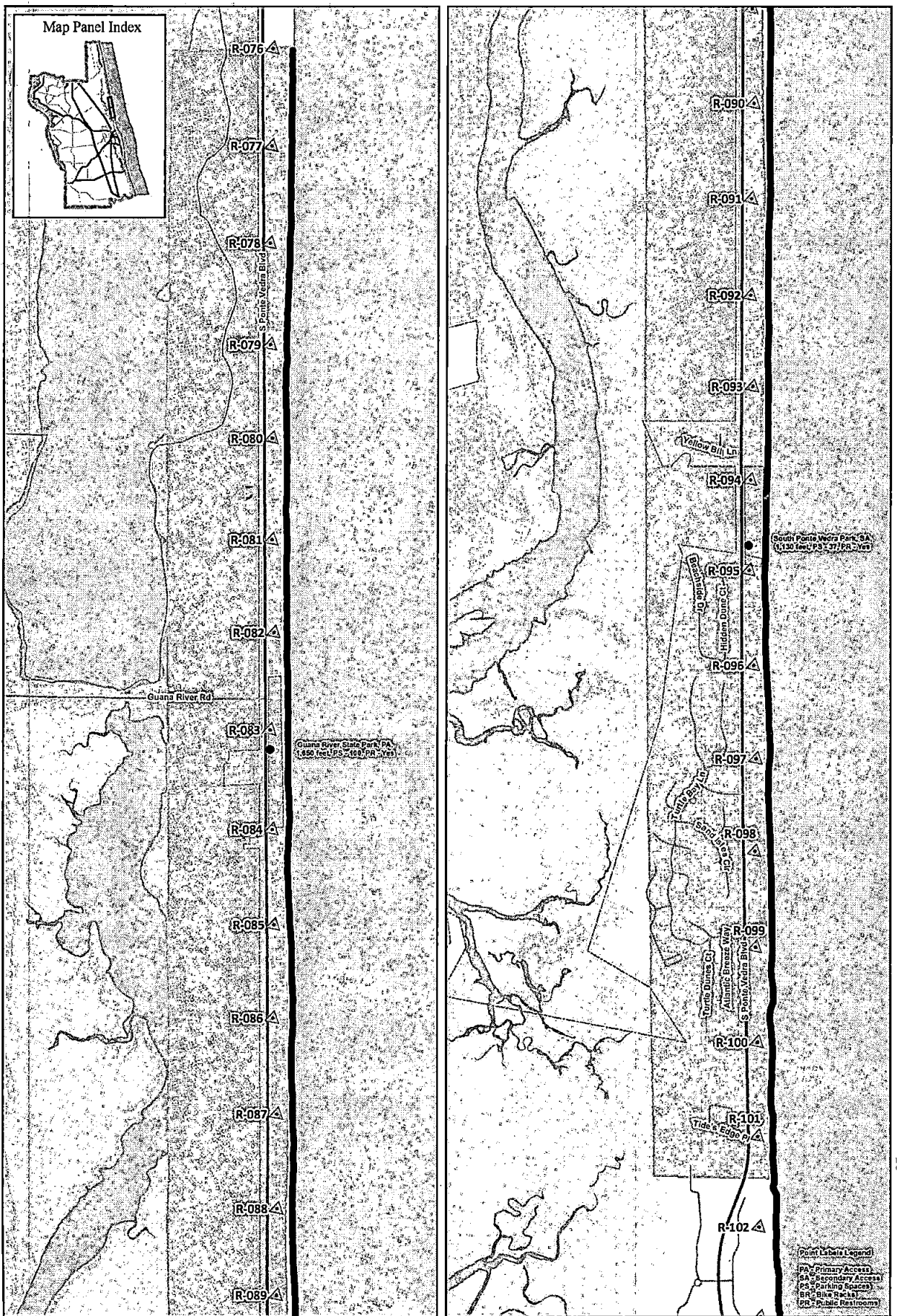
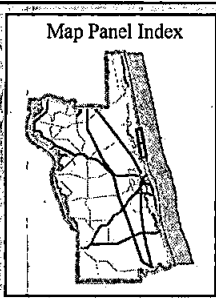
Additional comments for readiness to construct



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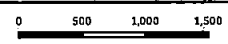
Provide additional information and comments below or attach supporting documents.

A large, empty rectangular box with a black border, intended for providing additional information and comments or attaching supporting documents.



- Beach Access / Public Lodging Locations
- ▲ Range Monuments
- ▬ Critically Eroded Beach
- ▭ ¼ Mile Buffer for the Property Value Calculations
- ▭ Water
- ▭ Saltwater Marsh
- ▭ Park Boundary
- ▭ Municipal Boundary

**South Ponte Vedra
Dune Restoration Project,
St. Johns County R76 - R101.5**



DISCLAIMER:
This map is for reference use only. Data provided are derived from multiple sources with varying levels of accuracy. The St. Johns County GIS Division disclaims all responsibility for the accuracy or completeness of the data shown hereon.
Map Prepared: 7/30/2021 11051

(Point Labels Legend)
PA - Primary Access
SA - Secondary Access
PS - Parking Spaces
BR - Bike Racks
PR - Public Restrooms



STRAP	JUST VALUE	LANDUSE
		Commercial and Services, Institutional, Recreational, Upland Non-Forests, Upland Non-Forests, Hardwood Forests, Hardwood Forests, Hardwood
		Forests, Water, Wetlands/NF, Wetlands/NF, Wetlands/NF, Wetlands/NF, W
1419500000	4914010	etlands/NF, Wetlands/NF, Wetlands/NF, Water
1419500001	1080900	Hardwood Forests, Water, Wetlands/NF, Wetlands/NF, Wetlands/NF
1419850000	427340	Commercial and Services, Hardwood Forests, Water
1419850020	186806	Institutional
1419850021	6237	Institutional
		Institutional, Upland Non-Forests, Hardwood Forests, Hardwood Forests, Hardwood Forests, Hardwood Forests, Hardwood
1420100000	1272600	Forests, Wetlands/NF, Wetlands/NF, Wetlands/NF, Wetlands/NF, Water
1420100010	1895	Institutional
		Res, Upland Non-Forests, Upland Non-Forests, Hardwood
1420400000	1098900	Forests, Hardwood Forests, Wetlands/NF, Wetlands/NF, Water
1420410001	0	Res, Hardwood Forests, Wetlands/NF
1420410002	1500	Res
1420410004	100	Res
1420410010	757837	Res
1420410020	225000	Res
1420410030	225000	Res
1420410040	1398019	Res
1420410050	746642	Res
1420410060	900725	Res
1420410070	998668	Res
1420410071	0	Res
1420410090	753950	Res
1420410100	290000	Res, Hardwood Forests
1420410110	962858	Res, Hardwood Forests
1420410120	1125897	Res, Hardwood Forests
1420410140	656007	Res, Hardwood Forests
1420410150	191250	Res
1420410160	833887	Res
1420410180	1003433	Res
1420410190	225000	Res
1420410200	680726	Res
1420410210	810778	Res
1420410220	786929	Res
1420410230	753624	Res
1420410240	830850	Res
1420410250	796203	Res
1420410260	979484	Res
1420410270	738022	Res
1420410280	753359	Res
1421000000	909369	Res, Recreational, Upland Non-Forests
1421100000	203200	Res, Upland Non-Forests
1421100001	411416	Res, Recreational, Upland Non-Forests
1421200010	660570	Res, Recreational, Upland Non-Forests
1421200020	754286	Res, Recreational, Upland Non-Forests
1421200030	560274	Res, Recreational, Upland Non-Forests
1421200040	579772	Res, Recreational, Upland Non-Forests
1421200050	148800	Res, Res
1421200060	480531	Res, Res
1421200070	727284	Res, Res
1421200080	147168	Res, Res, Upland Non-Forests
1421450010	1008859	Res, Upland Non-Forests, Hardwood Forests, Wetlands/NF, Wetlands/NF
1421450011	322982	Res, Recreational
1421450030	1500	Res

STRAP	JUST VALUE	LANDUSE
1421451001	0	Res
1421451002	0	Res,Res,Water,Wetlands/NF
1421451010	165000	Res
1421451020	434835	Res
1421451030	379397	Res
1421451040	165000	Res
1421451050	165000	Res
1421451060	165000	Res
1421451070	361994	Res
1421451080	492599	Res
1421451090	554835	Res
1421451100	381715	Res
1421451110	545158	Res
1421451120	507137	Res
1421451130	190000	Res
1421451140	165000	Res
1421451150	486635	Res
1421451160	483877	Res
1421451170	540947	Res
1421451180	165000	Res
1421451190	532471	Res
1421451200	165000	Res
1421451210	425256	Res
1421451220	392180	Res
1421451230	477733	Res
1421451240	342785	Res
1421451250	490159	Res
1421451260	453460	Res
1421451270	466295	Res
1421451280	512819	Res
1421451290	617703	Res
1421451300	165000	Res
1421451310	489679	Res
1421451320	691199	Res
1421451330	420315	Res
1421451340	437004	Res,Wetlands/NF
1421451350	515835	Res,Wetlands/NF
1421451360	230000	Res
1421451370	407445	Res,Wetlands/NF
1421451380	383808	Res,Water,Wetlands/NF
1421451390	449082	Res,Water,Wetlands/NF
1421451400	465173	Res,Water,Wetlands/NF,Wetlands/NF
1421451410	452861	Res,Water,Wetlands/NF,Wetlands/NF
1421451420	230000	Res,Water,Wetlands/NF,Wetlands/NF
1421451430	574752	Res
1421451431	250	Wetlands/NF,Wetlands/NF
1421451440	451464	Res,Water,Wetlands/NF,Wetlands/NF
1421451450	230000	Res,Res,Wetlands/NF,Wetlands/NF
1421451460	395857	Res,Res
1421451470	165000	Res,Res
1421460001	0	Res,Recreational
1421460002	0	Res,Wetlands/NF,Wetlands/NF
1421460003	0	Res,Recreational
1421460010	280507	Res,Recreational
1421460020	448021	Res
1421460030	288641	Res
1421460040	289041	Res
1421460050	286063	Res
1421460060	356303	Res
1421460070	281293	Res

STRAP	JUST VALUE	LANDUSE
1421460080	332006	Res
1421460090	445882	Res
1421460100	311142	Res
1421460110	412441	Res
1421460120	277128	Res
1421460130	351476	Res
1421460140	308886	Res
1421460150	308786	Res
1421460160	399087	Res
1421460170	120000	Res
1421460180	290192	Res
1421460190	285325	Res
1421460200	289250	Res
1421460210	382671	Res
1421460220	0	Res
1421460230	291619	Res
1421460240	281237	Res
1421460250	353490	Res
1421460260	315711	Res
1421460270	347831	Res
1421460280	497503	Res
1421460290	405254	Res
1421460310	298144	Res
1421460320	311798	Res
1421460330	295902	Res
1421460340	345696	Res
1421460350	343125	Res
1421460360	306492	Res
1421460370	320432	Res
1421460380	305740	Res
1421460390	329103	Res
1421460400	0	Res
1421460410	303763	Res
1421460420	351505	Res
1421460430	292079	Res
1421460440	325856	Res
1421460450	289334	Res
1421460460	386358	Res
1421460470	362485	Res
1421460480	311064	Res
1421460490	495747	Res
1421460500	308156	Res
1421460510	401363	Res
1421460520	321369	Res
1421460530	349837	Res
1421460540	381399	Res
1421460550	316194	Res
1421460560	359919	Res
1421460570	448973	Res
1421460580	411099	Res
1421460590	363019	Res
1421460600	517053	Res
1421460620	376047	Res
1421460640	644274	Res,Wetlands/NF
1421460650	0	Res,Wetlands/NF
1421460660	392711	Res,Wetlands/NF
1421460670	364013	Res,Wetlands/NF,Wetlands/NF
1421460680	393422	Res,Wetlands/NF
1421460690	420020	Res,Wetlands/NF
1421460700	338559	Res,Wetlands/NF

STRAP	JUST VALUE	LANDUSE
1421460710	396738	Res
1421460720	405179	Res
1421460730	418448	Res
1421460740	414846	Res
1421460750	409823	Res
1421460760	458293	Res,Wetlands/NF
1421460762	0	Res,Water,Wetlands/NF
1421460770	375094	Res
1421460780	400054	Res
1421460790	392463	Res
1421460800	402300	Res
1421460810	382981	Res
1421460820	409152	Res,Wetlands/NF
1421460830	432343	Res
1421460840	429200	Res,Wetlands/NF
1421460850	401879	Res,Wetlands/NF
1421460860	476350	Res,Wetlands/NF
1421460880	454273	Res,Wetlands/NF
1421460890	435432	Res,Wetlands/NF
1421460900	406557	Res
1421460910	338853	Res
1421460920	412968	Res
1421460930	387641	Res
1421460940	340266	Res
1421460950	376224	Res
1421460960	424066	Res,Wetlands/NF
1421460970	444493	Res
1421460980	408012	Res
1421460990	399774	Res
1421461000	348230	Res
1421461010	316911	Res
1421461020	393846	Res
1421461030	310556	Res
1421461031	2000	Res
1421461040	342261	Res
1421461041	100	Res
1421461050	489489	Res,Water
1421461070	310171	Res,Water
1421461080	356165	Res,Water
1421461090	342338	Res,Water
1421461100	337445	Res,Water
1421461110	348901	Res
1421461120	312274	Res
1421461130	382973	Res
1421461140	311717	Res
1421461150	325077	Res
1421461160	307979	Res
1421461170	305592	Res,Water
1421461180	296143	Res,Water
1421461190	379194	Res,Water
1421461200	324865	Res
1421461210	398055	Res
1421461220	367105	Res
1421461230	357270	Res
1421461240	342654	Res
1421461250	339666	Res
1421461260	336559	Res
1421461270	381656	Res
1421461280	0	Res
1421461290	333165	Res

STRAP	JUST VALUE	LANDUSE
1421461300	304220	Res
1421461310	309669	Res,Water
1421461320	392481	Res,Water
1421461330	354470	Res,Water
1421461340	353336	Res,Water
1421461350	337000	Res,Water
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1421461370	289060	Res
1421461380	307171	Res
1421461390	323980	Res
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1421461410	329668	Res,Water
1421461420	325434	Res,Water
1421461430	120000	Res,Water
1421461440	303335	Res
1421461450	348092	Res
1421461452	0	Res
1421461453	0	Res,Water
1421461460	362590	Res
1421461470	342615	Res
1421461480	382982	Res
1421461490	400242	Res
1421461500	370634	Res
1421461510	424246	Res
1421461520	387764	Res
1421461530	384093	Res
1421461540	377942	Res
1421461550	415238	Res
1421461560	434685	Res
1421461570	434283	Res
1421461580	382635	Res
1421461590	393692	Res
1421461600	388489	Res
1421461610	416487	Res
1421461620	372999	Res
1421461630	391754	Res
1421461640	431629	Res
1421461650	371430	Res
1421461660	351299	Res
1421461670	400647	Res
1421461680	340348	Res
1421461690	376627	Res
1421461700	346448	Res
1421461710	379993	Res
1421461720	349215	Res
1421461730	349491	Res,Water
1421461740	376833	Res,Water
1421461750	372024	Res,Water
1421461760	418138	Res
1421461770	380624	Res
1421461780	485457	Res
1421461790	447389	Res
1421461800	334625	Res
1421461810	380733	Res
1421461820	377318	Res
1421461830	485523	Res
1421461840	388370	Res
1421461850	537390	Res
1421461860	372124	Res
1421461870	348966	Res

STRAP	JUST VALUE	LANDUSE
1421461880	349694	Res
1421461890	365505	Res
1421461900	323163	Res
1421461910	388938	Res
1421461920	397645	Res
1421461930	357445	Res
1421461940	478159	Res
1421461950	407178	Res
1421461960	363828	Res
1421461970	407834	Res
1421461980	377004	Res
1421461990	396945	Res
1421462000	464546	Res
1421462010	399469	Res
1421462020	387174	Res
1421462030	388799	Res
1421462040	387379	Res
1421462050	396853	Res
1421462060	405321	Res
1421462070	427850	Res
1421462080	423494	Res
1421462090	476654	Res
1421462100	378079	Res
1421462110	411483	Res
1421462120	404896	Res
1421462170	435400	Res
1421462180	423748	Res
1421462182	0	Res,Wetlands/NF
1421462190	424027	Res
1421462200	471329	Res
1421462220	426499	Res
1421462230	533104	Res
1421462240	546124	Res
1421462250	506605	Res
1421462260	539978	Res,Upland Non-Forests
1421462270	613230	Res,Upland Non-Forests,Wetlands/NF
1421462280	579066	Res,Upland Non-Forests,Wetlands/NF
1421462290	602732	Res,Upland Non-Forests,Wetlands/NF
1421462300	540854	Res,Upland Non-Forests,Wetlands/NF
1421462310	404051	Res,Upland Non-Forests,Wetlands/NF
1421462320	518293	Res,Upland Non-Forests,Wetlands/NF
1421462330	464147	Res
1421462340	421106	Res
1421462350	428656	Res
1421462360	469104	Res
1421462370	413821	Res
1421462380	421744	Res
1421462390	475172	Res
1421462400	474566	Res
1421462410	460912	Res
1421462420	368622	Res
1421462430	403636	Res
1421462440	439097	Res
1421462450	479879	Res
1421462460	436349	Res
1421462470	364728	Res,Upland Non-Forests
1421462480	451124	Res,Upland Non-Forests,Wetlands/NF
1421462490	469568	Res,Upland Non-Forests,Wetlands/NF
1421462500	514815	Res,Upland Non-Forests,Wetlands/NF
1421462510	511179	Res,Upland Non-Forests,Wetlands/NF

STRAP	JUST VALUE	LANDUSE
1421462520	531654	Res,Upland Non-Forests,Wetlands/NF
1421462530	492875	Res,Upland Non-Forests,Wetlands/NF
1421462540	517035	Res,Upland Non-Forests,Wetlands/NF
1421462550	403898	Res,Upland Non-Forests,Wetlands/NF
1421462560	441184	Res,Upland Non-Forests,Wetlands/NF
1421462570	524184	Res,Upland Non-Forests,Wetlands/NF
1421462580	410667	Res,Upland Non-Forests,Wetlands/NF
1421462590	548657	Res,Upland Non-Forests,Wetlands/NF
1421462600	523974	Res,Upland Non-Forests
1421462610	400657	Res
1421462620	491677	Res
1421462630	460300	Res
1421462640	481806	Res
1421462650	457383	Res
1421462660	518640	Res
1421462670	343454	Res
1421462680	371766	Res
1421462690	545756	Res
1421462700	598302	Res
1421462710	355312	Res
1421462720	491412	Res
1421462730	384484	Res
1421462740	640658	Res
1421462750	456154	Res
1421462760	473741	Res
1421462770	461800	Res
1421462780	437619	Res
1421462790	362475	Res
1421462800	406472	Res
1421462810	454960	Res
1421462820	449151	Res
1421462830	513334	Res
1421462840	494782	Res
1421462850	440860	Res
1421462860	381373	Res
1421462870	394236	Res
1421462880	409121	Res
1421462890	374810	Res
1421462900	495377	Res
1421462910	439321	Res
1421462920	494843	Res
1421462930	418936	Res
1421462940	476684	Res
1421462950	433817	Res
1421462960	457101	Res
1421462970	431454	Res
1421462980	432812	Res
1421462990	581435	Res
1421463000	568133	Res
1421463010	513456	Res
1421463020	456316	Res
1421800000	40000	Wetlands/NF,Wetlands/Non-Vegetated,Wetlands/NF
1422000000	36100	Wetlands/NF
1422150010	663572	Res,Recreational
1422150020	536028	Res,Recreational
1422150030	546887	Res,Recreational
1422150040	525900	Res,Recreational
1422150050	507992	Res,Recreational
1422150060	583369	Res,Recreational
1422150070	563578	Res,Recreational

STRAP	JUST VALUE	LANDUSE
1422150080	150750	Res,Recreational
1422150090	550500	Res,Recreational
1422150100	550872	Res,Recreational
1422150110	834586	Res,Recreational
1422150120	817255	Res,Recreational
1422150130	623684	Res,Recreational
1422150140	556372	Res,Recreational
1422150150	800350	Res,Recreational
1422150160	357079	Res,Recreational
1422150170	880001	Res,Recreational
1422150180	673844	Res,Recreational
1422150190	728436	Res,Recreational
1422150200	990783	Res,Recreational
1422150210	843792	Res,Recreational
1422150220	710384	Res,Recreational
1422150230	683892	Res,Recreational
1422150240	862037	Res,Recreational
1422150250	351518	Res,Recreational
1422150260	656740	Res,Recreational
1422150270	0	Res,Recreational
1422150290	301500	Res,Recreational
1422150300	720974	Res,Recreational
1422150310	1109772	Res,Recreational
1422150320	807102	Res,Recreational
1422150330	692067	Res,Recreational
1422150340	1261208	Res,Recreational
1422150350	869485	Res,Recreational
1422150360	345362	Res,Recreational
1422150370	301500	Res,Recreational
1422150380	1197521	Res,Recreational
1422150390	898140	Res,Recreational
1422150400	705046	Res,Recreational
1422150410	1445678	Res,Recreational
1422150420	350235	Res,Recreational
1422150430	1014016	Res,Recreational
1422150440	351518	Res,Recreational
1422150450	1027522	Res,Recreational,Upland Non-Forests
1422150460	472124	Res,Recreational,Upland Non-Forests
1422150470	301500	Res,Recreational,Upland Non-Forests
1422150480	989839	Res,Recreational,Upland Non-Forests
1422150490	1183046	Res,Recreational,Upland Non-Forests
1422150500	685259	Res,Recreational,Upland Non-Forests
1422150510	1045889	Res,Recreational,Upland Non-Forests
1422150520	1033046	Res,Recreational,Upland Non-Forests
1422150530	819077	Res,Recreational,Upland Non-Forests
1422200000	140000	Res,Hardwood Forests,Wetlands/NF,Wetlands/NF
1422289000	0	Res,Hardwood Forests,Wetlands/NF,Wetlands/NF,Wetlands/NF
1422290014	0	Res,Hardwood Forests
1422291411	419000	Res,Hardwood Forests
1422291412	340000	Res,Hardwood Forests
1422291413	340000	Res,Hardwood Forests
1422291414	419000	Res,Hardwood Forests
1422291421	439950	Res,Hardwood Forests
1422291422	357000	Res,Hardwood Forests
1422291423	357000	Res,Hardwood Forests
1422291424	400354	Res,Hardwood Forests
1422291431	460900	Res,Hardwood Forests
1422291432	374000	Res,Hardwood Forests
1422291433	374000	Res,Hardwood Forests
1422291434	424028	Res,Hardwood Forests

STRAP	JUST VALUE	LANDUSE
1422300010	1133056	Res, Recreational, Upland Non-Forests
1422300020	1500185	Res, Res, Upland Non-Forests, Wetlands/NF
1422300060	549528	Res, Recreational, Upland Non-Forests
1422300070	907953	Res, Recreational, Upland Non-Forests
1422300080	563152	Res, Recreational, Upland Non-Forests
1422300090	603866	Res, Recreational, Upland Non-Forests
1422300100	581244	Res, Recreational, Upland Non-Forests
1422300110	830205	Res, Recreational, Upland Non-Forests
1422300120	588538	Res, Recreational, Upland Non-Forests
1422300130	339849	Res, Recreational, Upland Non-Forests
1422300140	1116634	Res, Recreational, Upland Non-Forests
1422300150	1101823	Res, Res, Recreational, Upland Non-Forests, Not Categorized
1422300151	351999	Res, Hardwood Forests, Wetlands/NF, Wetlands/NF
1422300160	339849	Res, Recreational, Upland Non-Forests
1422300220	50000	Res, Res, Recreational, Upland Non-Forests, Not Categorized
1422310001	0	Res, Recreational, Upland Non-Forests, Not Categorized
1422310002	0	Res, Wetlands/NF
1422310003	1500	Res
1422310010	349437	Res
1422310020	357581	Res
1422310030	362654	Res
1422310040	322959	Res
1422310050	341863	Res
1422310060	384712	Res
1422310070	516460	Res, Hardwood Forests, Wetlands/NF
1422310080	699946	Res
1422310090	359107	Res
1422310100	389818	Res
1422310110	348606	Res
1422310120	523938	Res, Wetlands/NF
1422310130	558186	Res, Upland Non-Forests, Wetlands/NF
1422310140	449453	Res, Upland Non-Forests
1422310150	488925	Res
1422310160	375430	Res
1422310170	520203	Res
1422310180	396161	Res
1422310190	379492	Res
1422310200	389290	Res
1422310210	398226	Res
1422310220	491335	Res
1422310230	506584	Res
1422310240	393139	Res
1422310250	511388	Res
1422310260	502190	Res
1422310270	408071	Res
1422310280	565355	Res
1422310290	456160	Res
		Res, Res, Hardwood Forests, Wetlands/NF, Wetlands/NF, Transportation/Communication/and Utilities, Transportation/Communication/and
1422400020	168780	Utilities, Transportation/Communication/and Utilities
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1428100003	0	Res, Recreational, Not Categorized
1428100013	0	Res, Upland Non-Forests
1428110001	0	Res, Recreational, Upland Non-Forests Res, Recreational, Upland Non-Forests, Upland Non-Forests, Upland Non-
1428200000	8250000	Forests
1428300000	5115726	Res, Res, Recreational, Upland Non-Forests, Not Categorized
1435100000	670323	Res, Recreational, Upland Non-Forests
1435200000	318750	Res, Recreational, Upland Non-Forests

STRAP	JUST VALUE	LANDUSE
1435300000	759146	Res,Recreational,Upland Non-Forests
1435400000	892663	Res,Recreational,Upland Non-Forests
1435500000	737087	Res,Recreational,Upland Non-Forests
1435600000	318750	Res,Recreational,Upland Non-Forests
1435700000	318750	Res,Recreational,Upland Non-Forests
1435800000	318750	Res,Recreational,Upland Non-Forests
1435900000	532665	Res,Recreational,Upland Non-Forests
1436000000	795282	Res,Recreational,Upland Non-Forests
1436000110	320000	Res,Recreational,Upland Non-Forests
1436200000	425000	Res,Recreational,Upland Non-Forests
1436200130	749059	Res,Recreational,Upland Non-Forests
1436200140	770858	Res,Recreational,Upland Non-Forests
1436300000	631352	Res,Recreational,Upland Non-Forests
1436400000	661150	Res,Recreational,Upland Non-Forests
1436500000	584852	Res,Recreational,Upland Non-Forests
1436600000	644208	Res,Recreational,Upland Non-Forests
1436700000	501841	Res,Recreational,Upland Non-Forests
1436700200	767829	Res,Recreational,Upland Non-Forests
1436800000	592226	Res,Recreational,Upland Non-Forests
1436800220	893355	Res,Recreational,Upland Non-Forests
1436800230	714796	Res,Upland Non-Forests
1436900000	1035959	Res,Upland Non-Forests
1436900250	1284265	Res,Upland Non-Forests
1436900260	765116	Res,Upland Non-Forests
1436900270	630031	Res,Upland Non-Forests
1436900280	629298	Res,Upland Non-Forests
1436900290	1228803	Res,Upland Non-Forests
1436900310	541875	Res,Upland Non-Forests
1436900320	580297	Res,Upland Non-Forests
1437000000	901291	Res,Upland Non-Forests
1437100000	860408	Res,Upland Non-Forests
1437200000	702107	Res,Upland Non-Forests
1437200360	710009	Res,Upland Non-Forests
1437200370	686707	Res,Upland Non-Forests
1437200380	902522	Res,Upland Non-Forests
1437200390	785755	Res,Upland Non-Forests
1437200400	1016015	Res,Upland Non-Forests
1437200410	605170	Res,Upland Non-Forests
1437200420	650271	Res,Upland Non-Forests
1437200430	737559	Res,Upland Non-Forests
1437200440	531158	Res,Upland Non-Forests
1437300000	500540	Res,Recreational,Upland Non-Forests,Upland Non-Forests
1437400000	375000	Res,Recreational,Upland Non-Forests
1437500000	456998	Res,Recreational,Upland Non-Forests
1437600000	187500	Res,Recreational,Upland Non-Forests
1437700000	187500	Res,Recreational,Upland Non-Forests
1437800000	774968	Res,Recreational,Upland Non-Forests
1437900000	187500	Res,Recreational,Upland Non-Forests
1438000000	1003740	Res,Recreational,Upland Non-Forests
1438100000	635727	Res,Recreational,Upland Non-Forests
1438200000	418320	Res,Recreational,Upland Non-Forests
1438300000	627773	Res,Recreational,Upland Non-Forests
1438400000	631729	Res,Recreational
1438500000	496281	Res,Recreational
1438600000	804189	Res,Recreational
1438700000	536175	Res,Recreational
1438800000	550853	Res,Recreational
1438900000	501642	Res,Recreational
1439000000	690737	Res,Recreational
1439100000	327550	Res,Recreational

STRAP	JUST VALUE	LANDUSE
1439200000	387865	Res,Recreational
1439300000	140625	Res,Recreational
1439400000	176145	Res,Recreational
1439500000	480572	Res,Recreational
1439600000	497705	Res,Recreational
1439700000	140625	Res,Recreational
1439800000	140625	Res,Recreational
1439900000	140625	Res,Recreational
1440000000	140625	Res,Recreational
1440100000	140625	Res,Recreational
1440100200	898425	Res,Recreational
1440200000	939692	Res,Recreational
1440300000	536097	Res,Recreational
1440400000	479039	Res,Recreational
1440500000	316839	Res,Recreational
1440600000	459657	Res,Recreational
1440700000	672170	Res,Recreational
1440800000	535575	Res,Recreational
1440900000	316839	Res,Recreational
1441000000	316839	Res,Recreational
1441100000	573535	Res,Recreational
1441100310	552681	Res,Recreational
1441200000	884397	Res,Recreational
1441300000	820706	Res,Recreational
1441400000	578033	Res,Recreational
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1442100000	510273	Res,Recreational
1442120000	608313	Res,Recreational
1442200000	536069	Res,Recreational
1442300000	404555	Res,Recreational
1442400000	528640	Res,Recreational
1442500000	254890	Res,Recreational
1442600000	0	Res,Recreational
1442700000	140625	Res,Recreational
1442800000	140625	Res,Recreational,Not Categorized
1442900000	627512	Res,Recreational,Not Categorized
1443000000	405406	Res,Recreational,Not Categorized
1443100000	410120	Res,Recreational,Not Categorized
1443200000	705391	Res,Recreational,Not Categorized
1443300000	545785	Res,Recreational,Not Categorized
1443400000	672986	Res,Recreational
1443500000	424858	Res,Recreational
1443600000	449191	Res,Recreational
1443600590	738083	Res,Recreational
1443700000	358685	Res,Recreational
1443800000	344877	Res,Recreational
1443900000	520219	Res,Recreational,Not Categorized
1444000000	659315	Res,Recreational,Not Categorized
1444100000	692251	Res,Recreational,Not Categorized
1444200000	791582	Res,Recreational,Not Categorized
1444200040	404844	Res,Recreational,Not Categorized
1444200050	508601	Res,Recreational
1444300000	448045	Res,Recreational
1444400000	394303	Res,Recreational
1444500000	451603	Res,Recreational

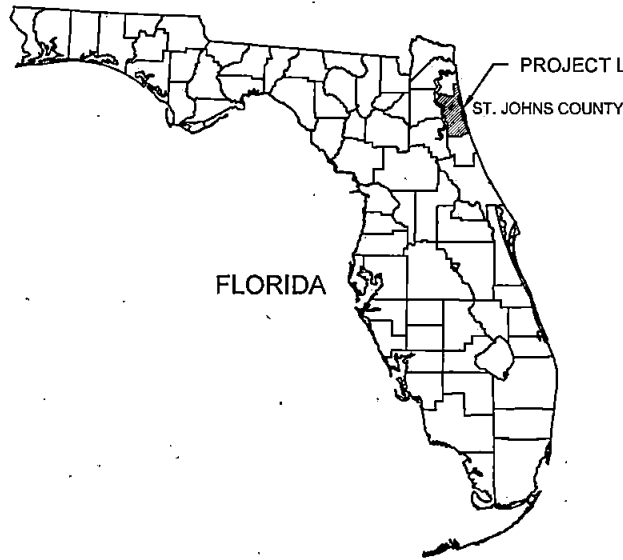
STRAP	JUST VALUE	LANDUSE
1444600000	514290	Res,Recreational
1444700000	513631	Res,Recreational
1444700110	819985	Res,Recreational
1444700120	678196	Res,Recreational
1444700130	715626	Res,Recreational
1444800000	592763	Res,Recreational
1444800150	930724	Res,Recreational
1444800160	752964	Res,Recreational
1444900000	932964	Res,Recreational
1445000000	719848	Res,Recreational
1445100000	661945	Res,Recreational
1445200000	953979	Res,Recreational
1445200210	1105783	Res,Recreational
1445300000	594034	Res,Recreational
1445400000	675276	Res,Recreational
1445400240	435253	Res,Recreational
1445500000	713775	Res,Recreational
1445600000	604405	Res,Recreational
1445600270	543497	Res,Recreational
1445700000	632955	Res,Recreational
1445800000	721070	Res,Recreational
1445900000	322931	Res,Recreational
1445900310	845423	Res,Recreational
1446000000	443589	Res,Recreational
1446100000	552791	Res,Recreational
1446200000	674333	Res,Recreational
1446300000	438721	Res,Recreational
1446400000	462758	Res,Recreational
1446500000	480306	Res,Recreational
1446500380	444997	Res,Recreational
1446600000	981171	Res,Recreational
1446700000	851756	Res,Recreational
1446700410	622064	Res,Recreational
1446800000	720792	Res,Recreational
1446900000	873478	Res,Recreational
1446900440	535632	Res,Recreational
1447000000	559128	Res,Recreational
1447100000	320794	Res,Recreational
1447200000	980326	Res,Recreational
1447300000	1194136	Res,Recreational
1447400000	843634	Res,Recreational
1447500000	696205	Res,Recreational
1447600000	737144	Res,Recreational
1447700000	467696	Res,Recreational,Not Categorized
1447800000	935366	Res,Recreational,Not Categorized
1447900000	324943	Res,Recreational
1448000000	70312	Res,Recreational
1448100000	70312	Res,Recreational
1448200000	70312	Res,Recreational,Not Categorized
1448300000	70312	Res,Recreational,Not Categorized
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1448400020	523256	Res,Upland Non-Forests
1448400030	531522	Res,Upland Non-Forests
1448400040	1508131	Res,Upland Non-Forests
1448400050	725110	Res,Upland Non-Forests
1448500000	361250	Res,Upland Non-Forests
1448500020	1144416	Res,Upland Non-Forests
1448500030	802940	Res,Upland Non-Forests
1448500040	602064	Res,Upland Non-Forests
1448500050	462091	Res,Upland Non-Forests

STRAP	JUST VALUE	LANDUSE
1448600000	510223	Res,Upland Non-Forests
1448700000	494611	Res,Upland Non-Forests
1448800000	712039	Res,Upland Non-Forests
1448900000	577341	Res,Upland Non-Forests
1449000000	361250	Res,Upland Non-Forests
1449100000	1355346	Res,Upland Non-Forests
1449200000	457537	Res,Upland Non-Forests
1449300000	679287	Res,Upland Non-Forests
1449400000	418868	Res,Upland Non-Forests
1449500000	364610	Res,Upland Non-Forests
1449600000	822297	Res,Upland Non-Forests
1449700000	368905	Res,Upland Non-Forests
1449800000	1006040	Res,Upland Non-Forests
1449800050	949445	Res,Upland Non-Forests
1449900000	694197	Res,Upland Non-Forests
1450000000	504929	Res,Upland Non-Forests
1450100000	530500	Res,Upland Non-Forests
1450200000	1153880	Res,Upland Non-Forests

Location/Name	R-Monument	Type of Access	Width of Access/ Frontage	Total Public Units or Parking Spaces	Additional Width from Eligibility	Eligible Shoreline (feet)	DBPR License
Guana River State Park	R-83	Primary	1650	100	5280	6930	
South Ponte Vedra Park	R-95	Secondary	1130	37	1953.6	3083.6	
						Total Eligible Shoreline Length:	10,013.60

SOUTH PONTE VEDRA BEACH RESTORATION

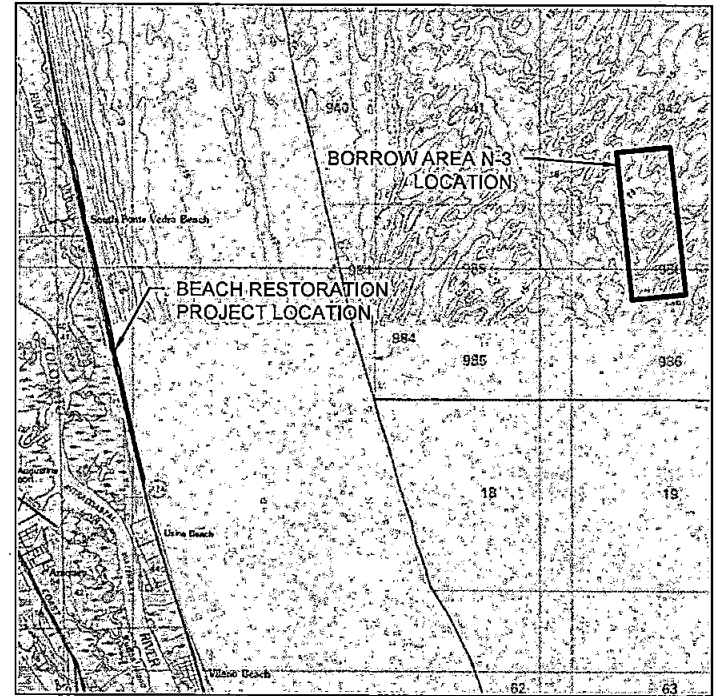
ST. JOHNS COUNTY, FLORIDA



LOCATION MAP
N.T.S.

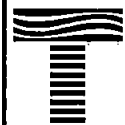
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- C-16 BORROW AREA N-3 PLAN
- C-17 BORROW AREA N-3 CROSS-SECTIONS
- C-18 BORROW AREA N-3 CROSS-SECTIONS



VICINITY MAP
1" = 15,000'

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TAYLOR ENGINEERING INC.

10199 SOUTHSIDE BLVD
SUITE 310
JACKSONVILLE, FLORIDA 32256
REGISTRY # 4815

FIGURE C-1
TITLE SHEET
SOUTH PONTE VEDRA BEACH RESTORATION
ST. JOHNS COUNTY, FLORIDA

PROJECT	C2018-055
DRAWN BY	AF
SHEET	1 of 18
DATE	JAN 2020

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MICHAEL E. TRUDNAK P.E.# 58200

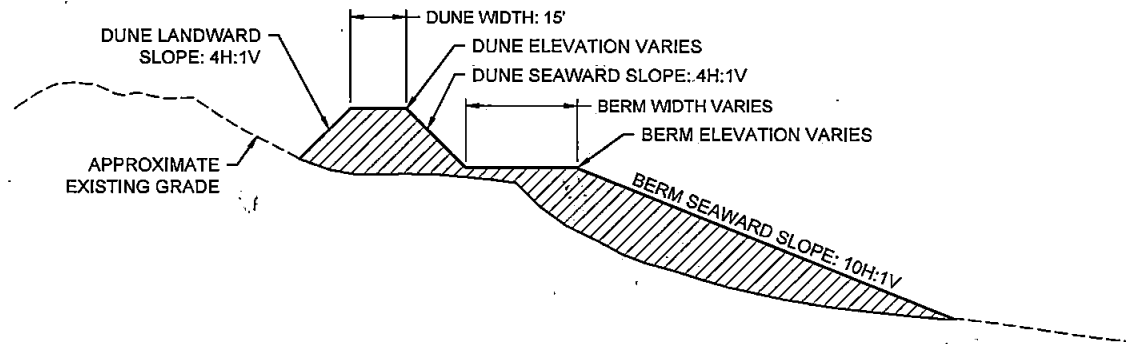
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GENERAL NOTES - BEACH RESTORATION:

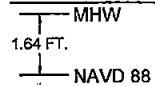
1. ALL ELEVATIONS REFERENCE THE 1988 NORTH AMERICAN VERTICAL DATUM (NAVD 88).
2. ALL COORDINATES REFERENCE STATE PLANE FLORIDA EAST NAD 83.
3. EXISTING BEACH GRADE SURVEYED JUL-AUG 2019 (R-80 TO R-104) BY DEGROVE SURVEYORS AND NOV 2019 (R-76 TO R-79) BY MORGAN & EKLUND.
4. CONSTRUCTION TEMPLATE DESIGNED WITH THE FOLLOWING FEATURES

DESIGN FEATURE		R-76 TO R-79	R-80 TO R-83	R-84 TO R-101	R-102 TO T-104
DUNE	ELEVATION	15 FT NAVD	15 FT NAVD	14 FT NAVD	16 FT NAVD
	CREST WIDTH	15 FT	15 FT	15 FT	15 FT
	SEAWARD SLOPE	4H:1V	4H:1V	4H:1V	4H:1V
BERM	ELEVATION	12 FT NAVD	11 FT NAVD	10 FT NAVD	10 FT NAVD
	WIDTH	30 FT	30 FT	30 FT	40 FT
	SEAWARD SLOPE	10H:1V	10H:1V	10H:1V	10H:1V

5. DUNE RESTORATION INCLUDES ONE REACH EXTENDING FROM FDEP REFERENCE MONUMENT R-76 TO T-104.
6. AERIALS OBTAINED FROM TAYLOR ENGINEERING, 2019, UNLESS NOTED OTHERWISE. AERIAL REFERENCE SHOWN IS FOR VISUAL REFERENCE AND MAY NOT REPRESENT CURRENT CONDITIONS.



DATUM REFERENCE:



TYPICAL BEACH FILL SECTION

NOT TO SCALE



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FIGURE C-2
GENERAL NOTES AND TYPICAL SECTION
SOUTH PONTE VEDRA BEACH RESTORATION
ST. JOHNS COUNTY, FLORIDA

PROJECT	C2018-055
DRAWN BY	AF
SHEET	2 of 18
DATE	JAN 2020

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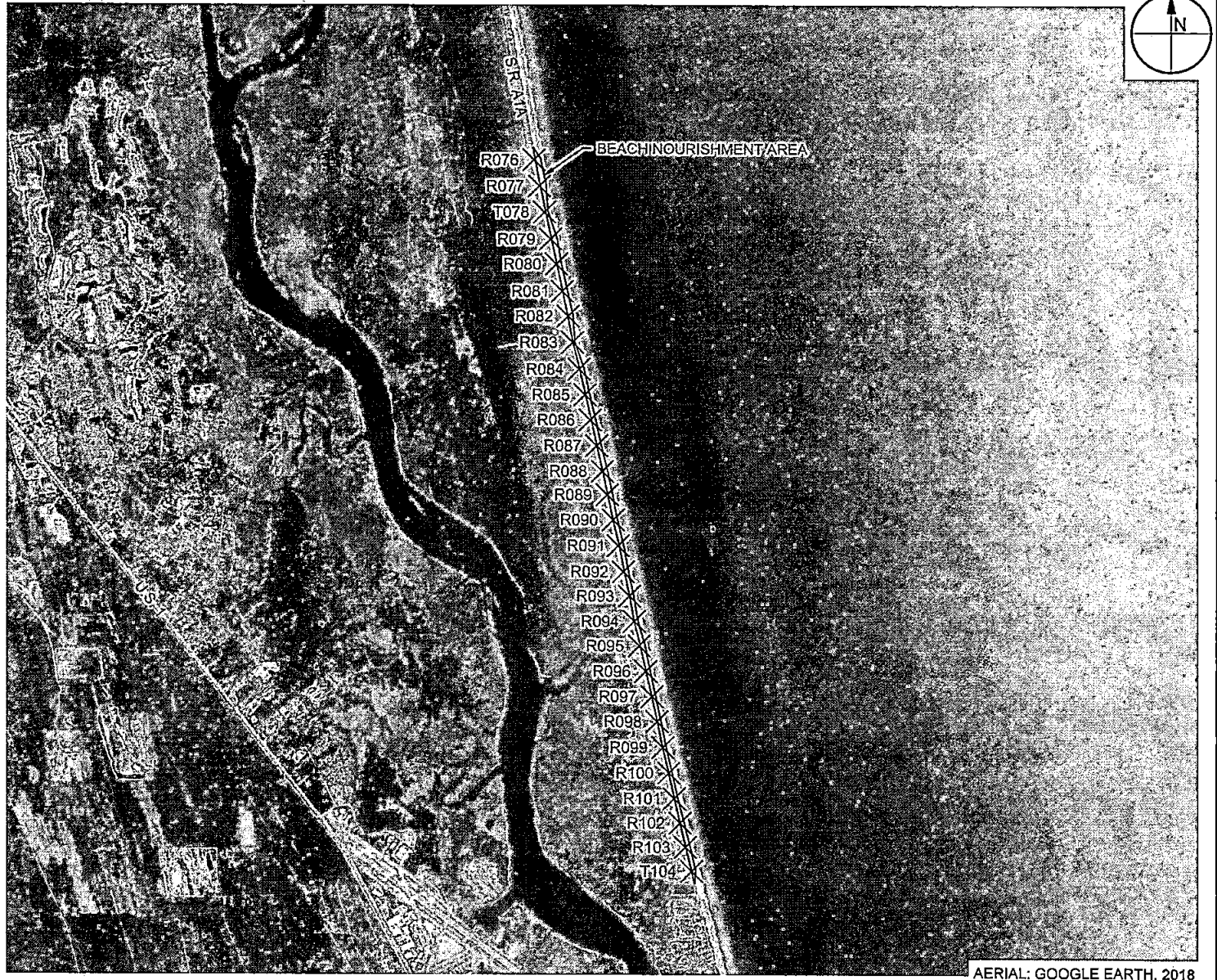
MICHAEL E. TRUDNAK P.E. # 58200

DATE

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MONUMENT TABLE		
POINT	EASTING	NORTHING
R076	552333.33	2075761.23
R077	552544.79	2074717.61
T078	552749.38	2073673.59
R079	552986.84	2072587.46
R080	553221.69	2071589.43
R081	553451.43	2070504.14
R082	553687.17	2069511.51
R083	553869.00	2068459.47
R084	554120.03	2067396.82
R085	554356.02	2066379.28
R086	554556.60	2065377.36
R087	554819.38	2064355.48
R088	555042.04	2063334.80
R089	555233.72	2062398.22
R090	555472.62	2061397.66
R091	555664.56	2060368.98
R092	555876.17	2059333.59
R093	556112.12	2058361.01
R094	556301.45	2057355.72
R095	556495.90	2056383.43
R096	556760.02	2055374.38
R097	557002.40	2054378.39
R098	557200.08	2053382.52
R099	557425.03	2052355.00
R100	557661.96	2051340.16
R101	557879.74	2050324.66
R102	558103.42	2049348.97
R103	558321.91	2048381.47
T104	558557.68	2047420.02



AERIAL: GOOGLE EARTH, 2018

TAYLOR ENGINEERING INC.
 10199 SOUTHSIDE BLVD
 SUITE 310
 JACKSONVILLE, FLORIDA 32256
 REGISTRY # 4815

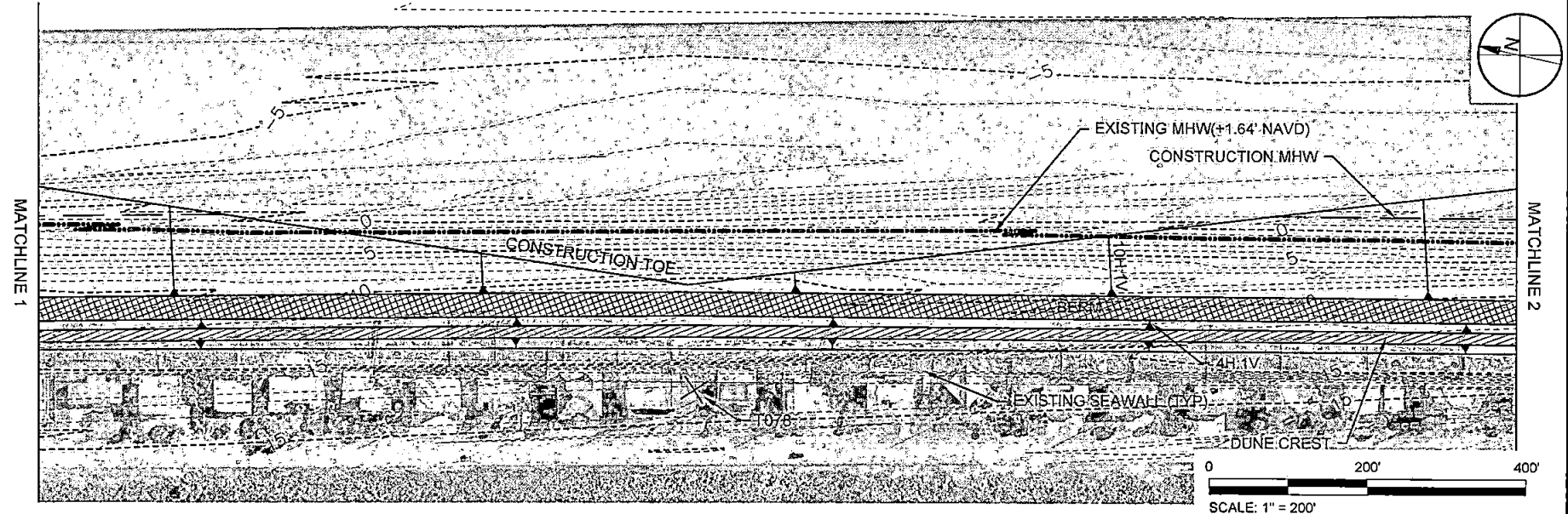
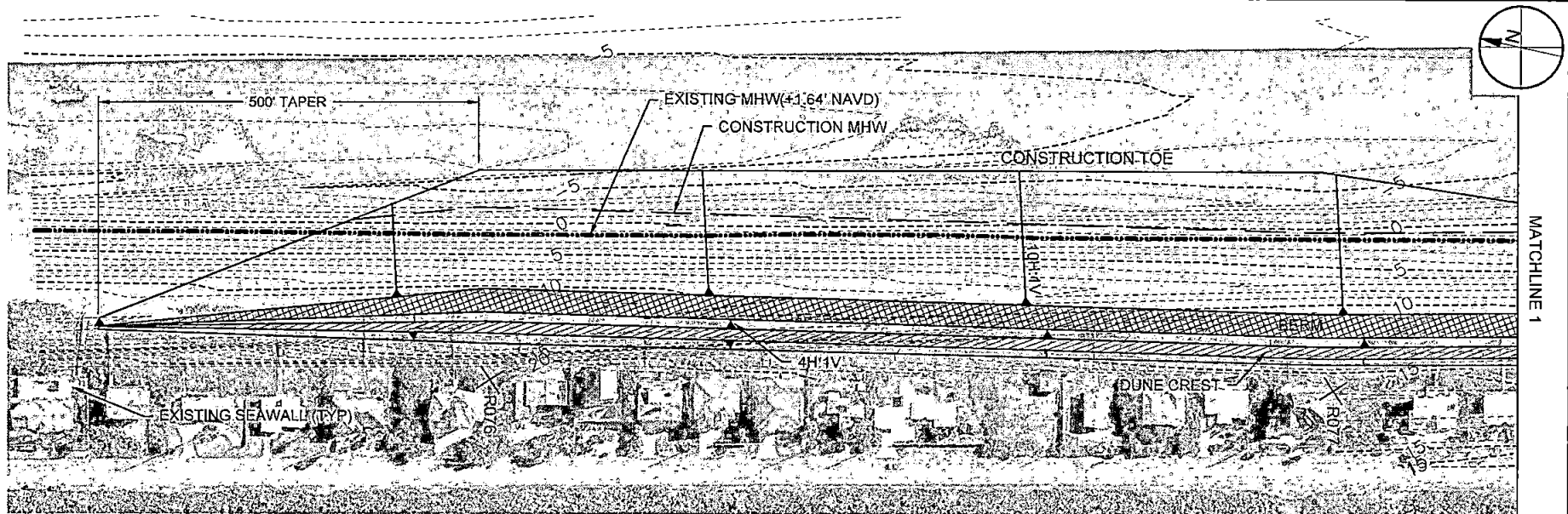
FIGURE C-3
 PROJECT OVERVIEW
 SOUTH PONTE VEDRA BEACH RESTORATION
 ST. JOHNS COUNTY, FLORIDA

PROJECT	C2018-055
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SHEET	3 of 18
DATE	JAN 2020

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TAYLOR ENGINEERING INC.

10199 SOUTHSIDE BLVD
SUITE 310
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REGISTRY # 4815

FIGURE C-4
BEACH PLANS
SOUTH PONTE VEDRA BEACH RESTORATION
ST. JOHNS COUNTY, FLORIDA

PROJECT	C2018-055
DRAWN BY	AF
SHEET	4 of 18
DATE	JAN 2020

SEAL

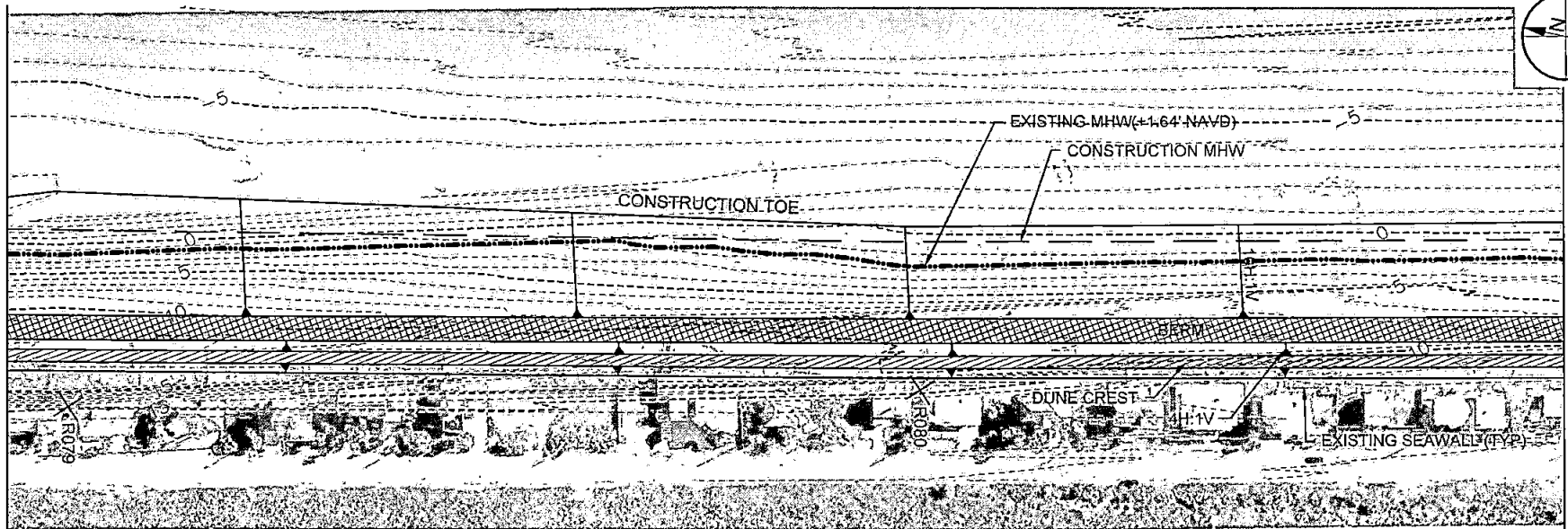
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MICHAEL E. TRUDNAK P.E.# 58200 DATE

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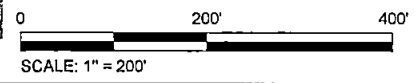
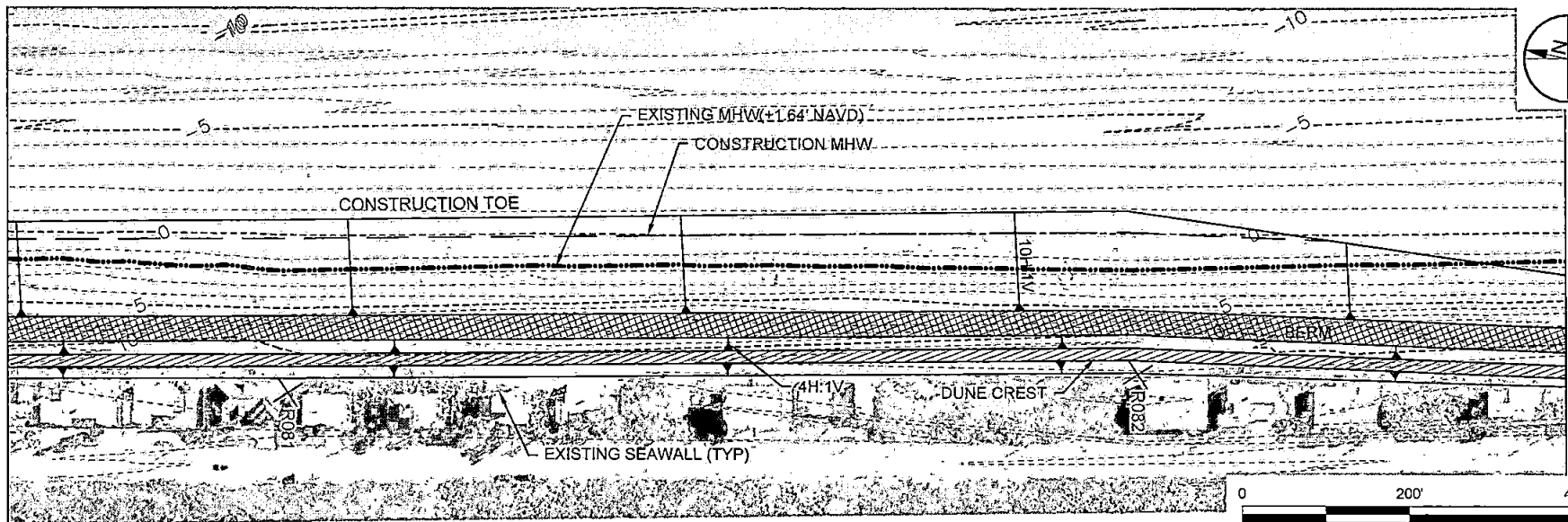
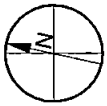
MATCHLINE 2

MATCHLINE 3



MATCHLINE 3

MATCHLINE 4



TAYLOR ENGINEERING INC.
 10199 SOUTHSIDE BLVD
 SUITE 310
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 REGISTRY # 4815

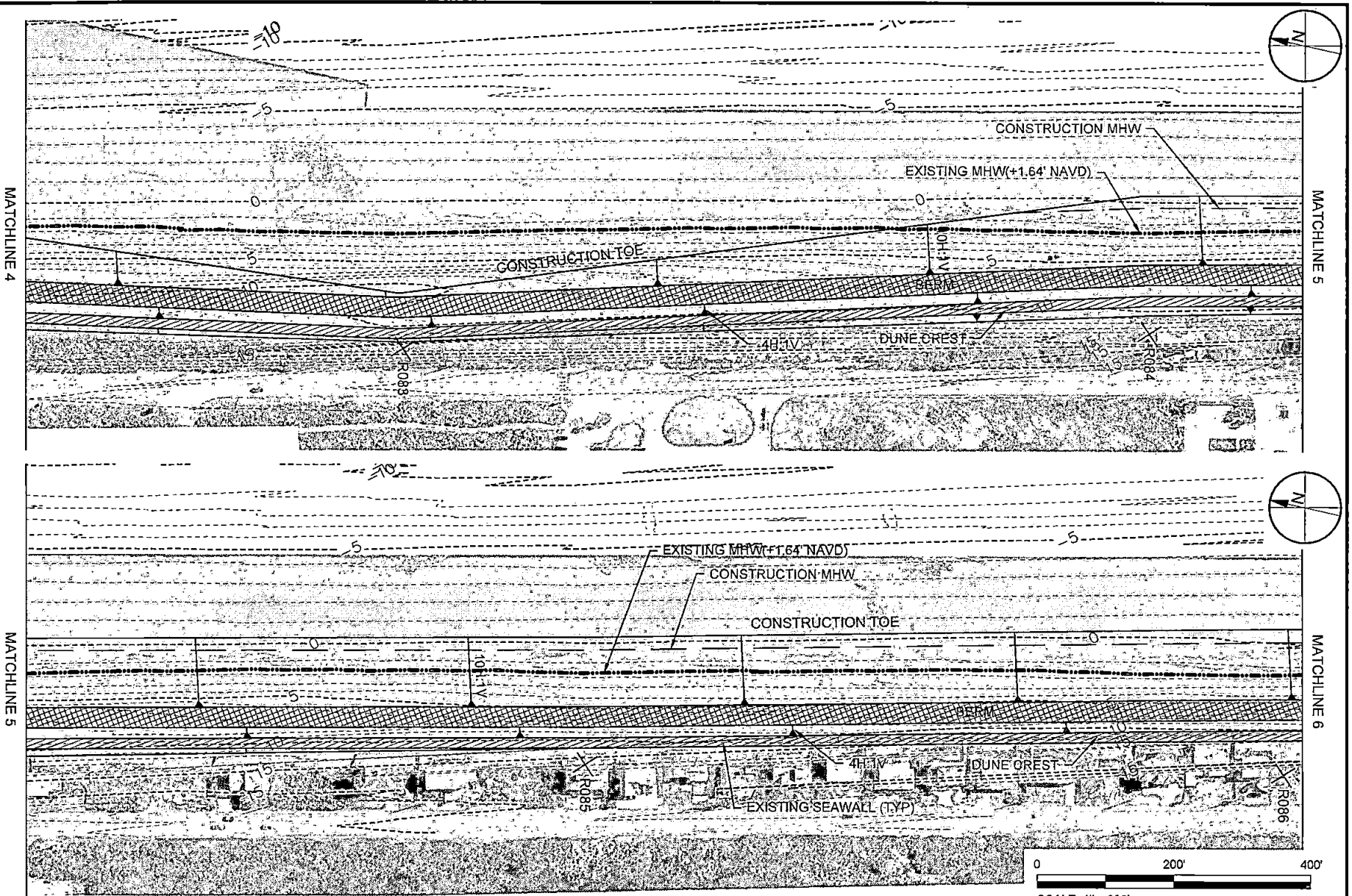
FIGURE C-5
 BEACH PLANS
 SOUTH PONTE VEDRA BEACH RESTORATION
 ST. JOHNS COUNTY, FLORIDA

PROJECT	C2018-055
DRAWN BY	AF
SHEET	5 of 18
DATE	JAN 2020

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TAYLOR ENGINEERING INC.

10199 SOUTHSIDE BLVD
 SUITE 310
 JACKSONVILLE, FLORIDA 32256
 REGISTRY # 4815

FIGURE C-6
 BEACH PLANS
 SOUTH PONTE VEDRA BEACH RESTORATION
 ST. JOHNS COUNTY, FLORIDA

PROJECT	C2018-055
DRAWN BY	AF
SHEET	6 of 18
DATE	JAN 2020

SEAL

DRAFT

MICHAEL E. TRUDNAK P.E.# 50200

DATE

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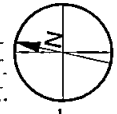
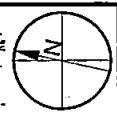
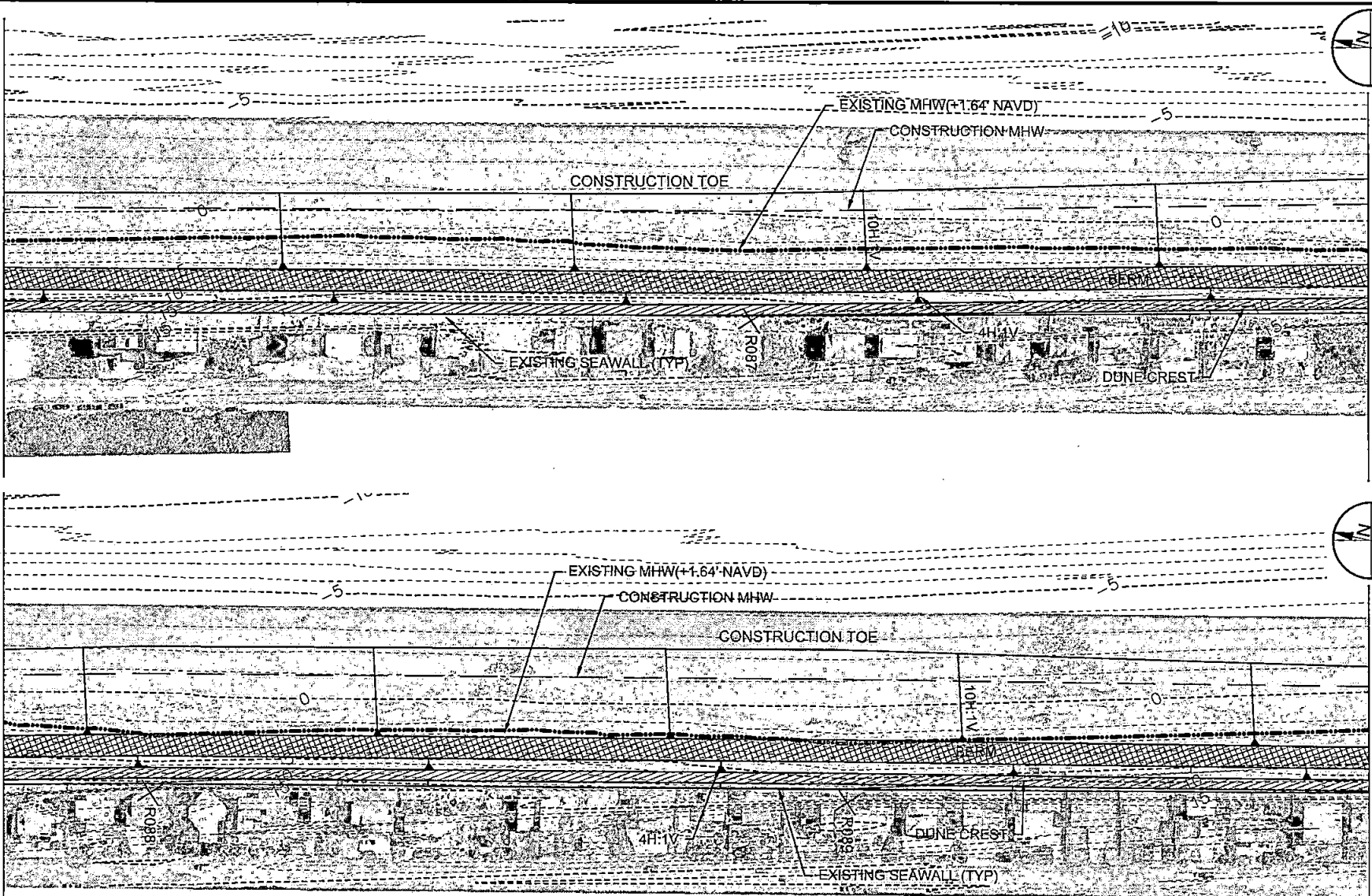
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MATCHLINE 6

MATCHLINE 7

MATCHLINE 7

MATCHLINE 8



TAYLOR ENGINEERING INC.
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 REGISTRY # 4815

FIGURE C-7
 BEACH PLANS
 SOUTH PONTE VEDRA BEACH RESTORATION
 ST. JOHNS COUNTY, FLORIDA

PROJECT	C2018-055
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SHEET	7 of 18
DATE	JAN 2020

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 DATE

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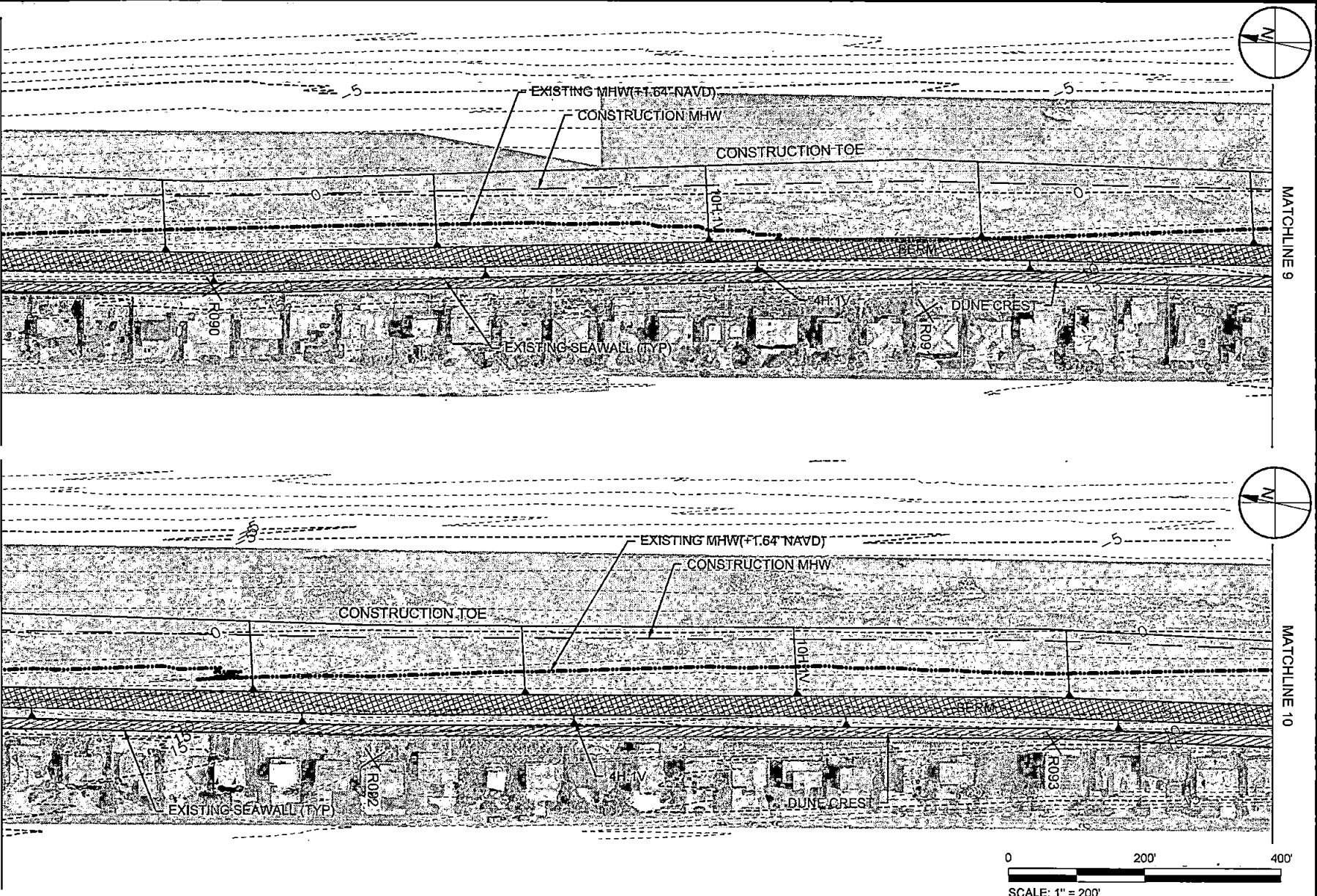

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MATCHLINE 8

MATCHLINE 9

MATCHLINE 9

MATCHLINE 10

TAYLOR ENGINEERING INC.
 10199 SOUTHSIDE BLVD
 SUITE 310
 JACKSONVILLE, FLORIDA 32256
 REGISTRY # 4815

FIGURE C-8
 BEACH PLANS
 SOUTH PONTE VEDRA BEACH RESTORATION
 ST. JOHNS COUNTY, FLORIDA

PROJECT	C2018-055
DRAWN BY	AF
SHEET	8 of 18
DATE	JAN 2020

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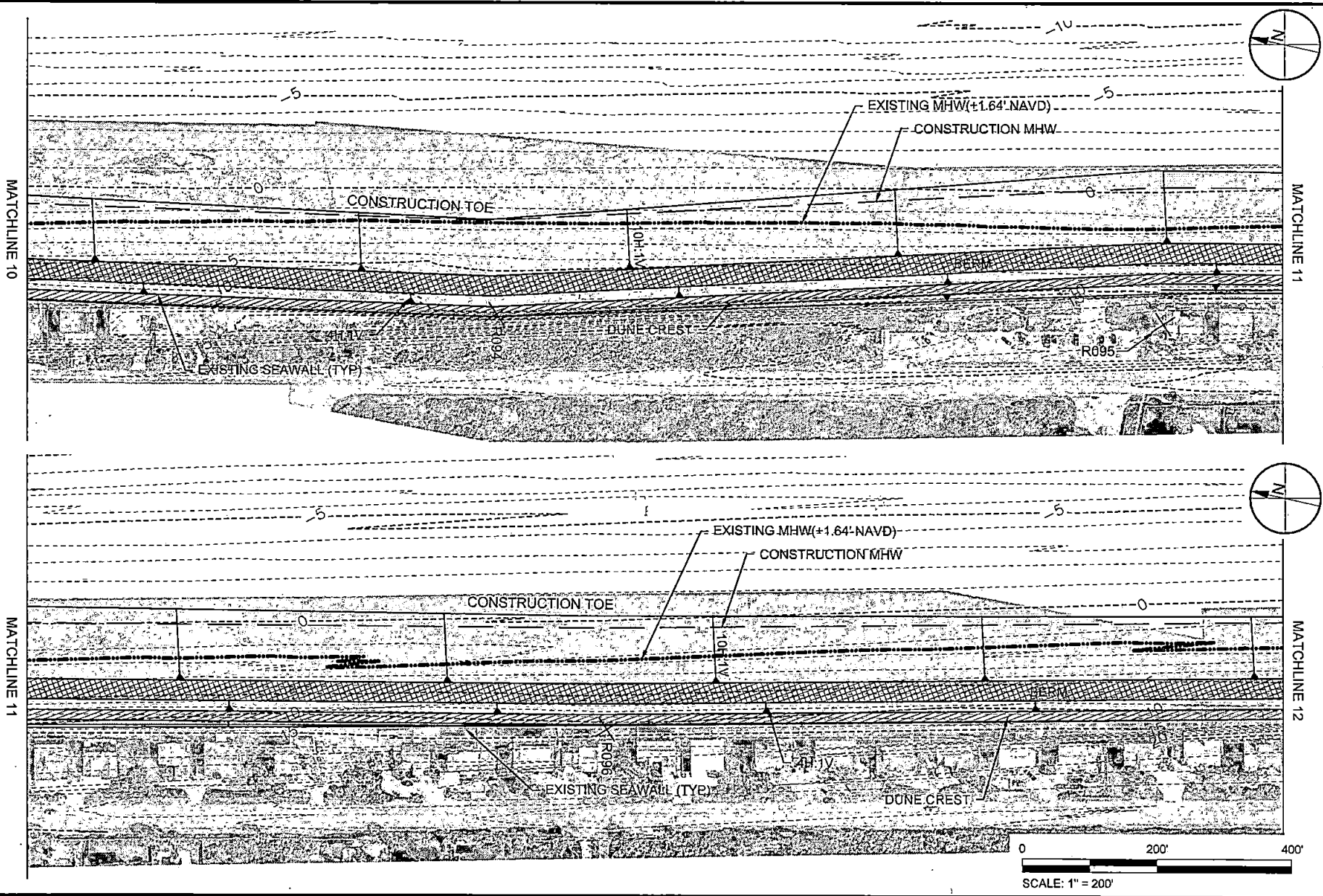
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MICHAEL E. TRUDNAK P.E.# 58200

DATE

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TAYLOR ENGINEERING INC.
 10199 SOUTHSIDE BLVD
 SUITE 310
 JACKSONVILLE, FLORIDA 32256
 REGISTRY # 4815

FIGURE C-9
 BEACH PLANS
 SOUTH PONTE VEDRA BEACH RESTORATION
 ST. JOHNS COUNTY, FLORIDA

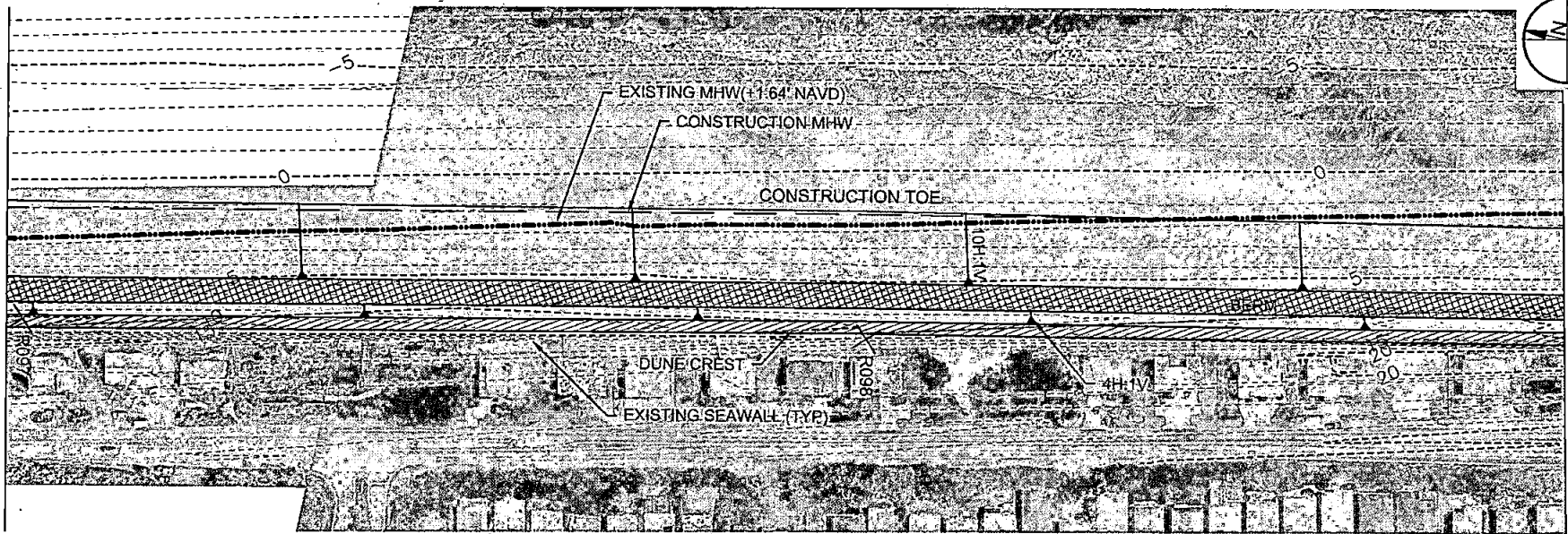
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DRAWN BY	AF
SHEET	9 of 18
DATE	JAN 2020

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 DATE

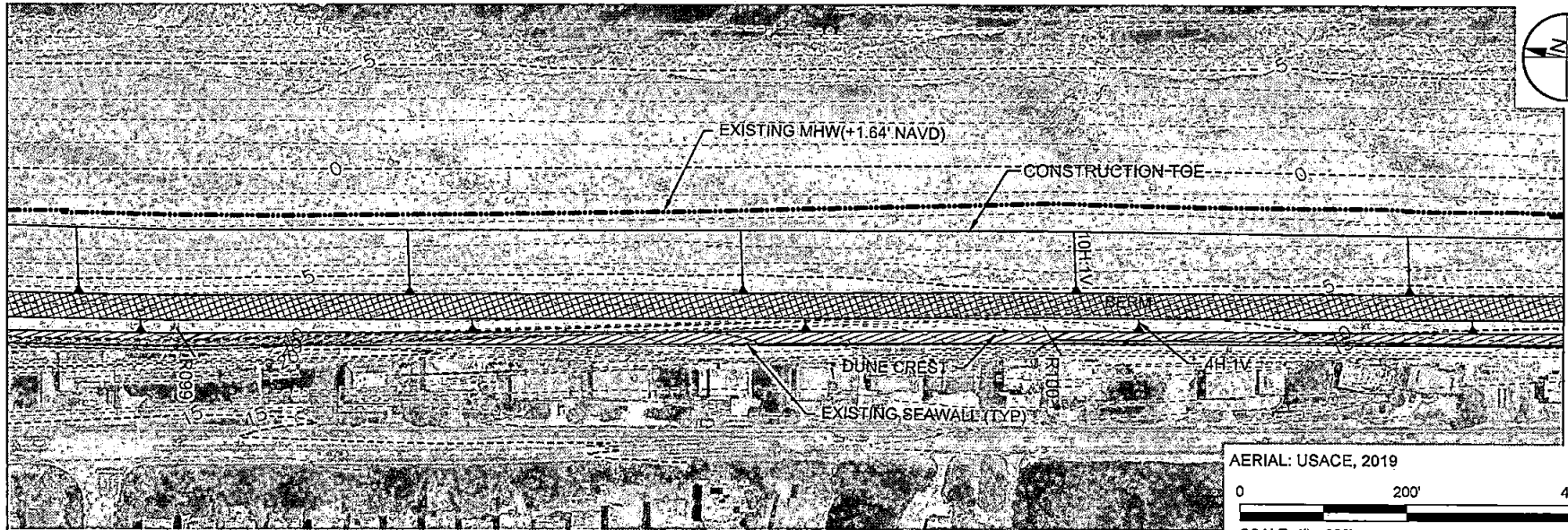
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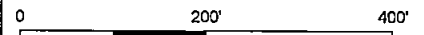


MATCHLINE 13



MATCHLINE 14

AERIAL: USACE, 2019



SCALE: 1" = 200'



TAYLOR ENGINEERING INC.

10199 SOUTHSIDE BLVD
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REGISTRY # 4815

FIGURE C-10
BEACH PLANS
SOUTH PONTE VEDRA BEACH RESTORATION
ST. JOHNS COUNTY, FLORIDA

PROJECT	C2018-055
DRAWN BY	AF
SHEET	10 of 18
DATE	JAN 2020

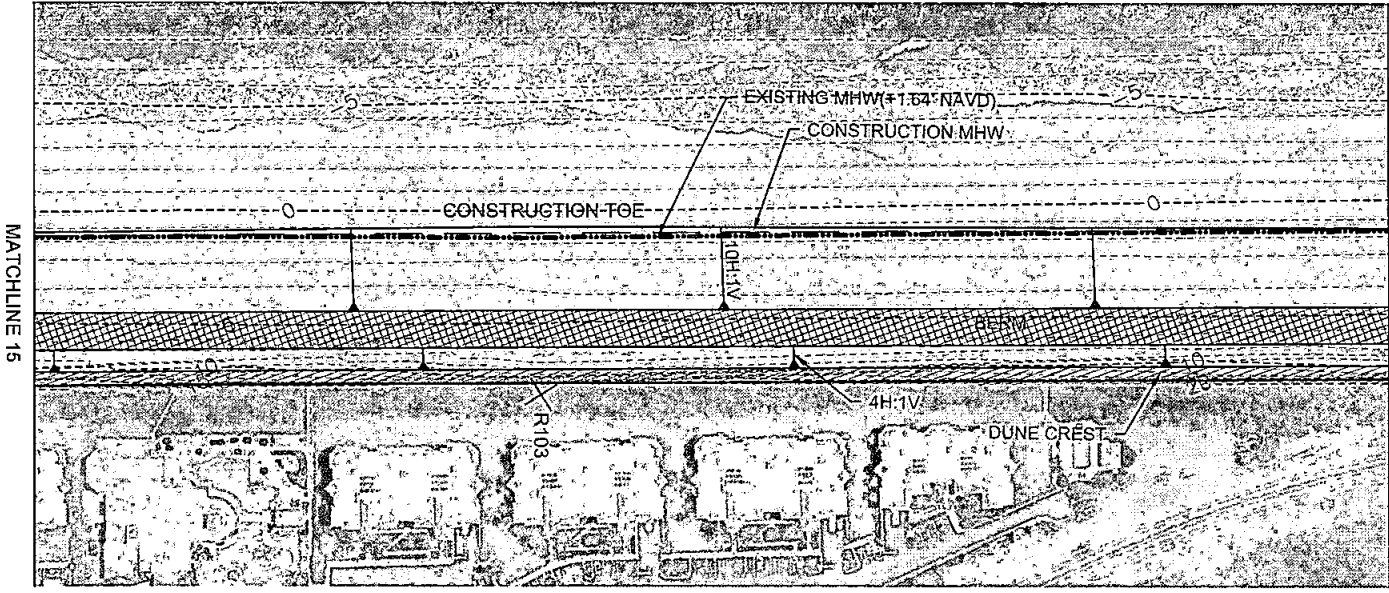
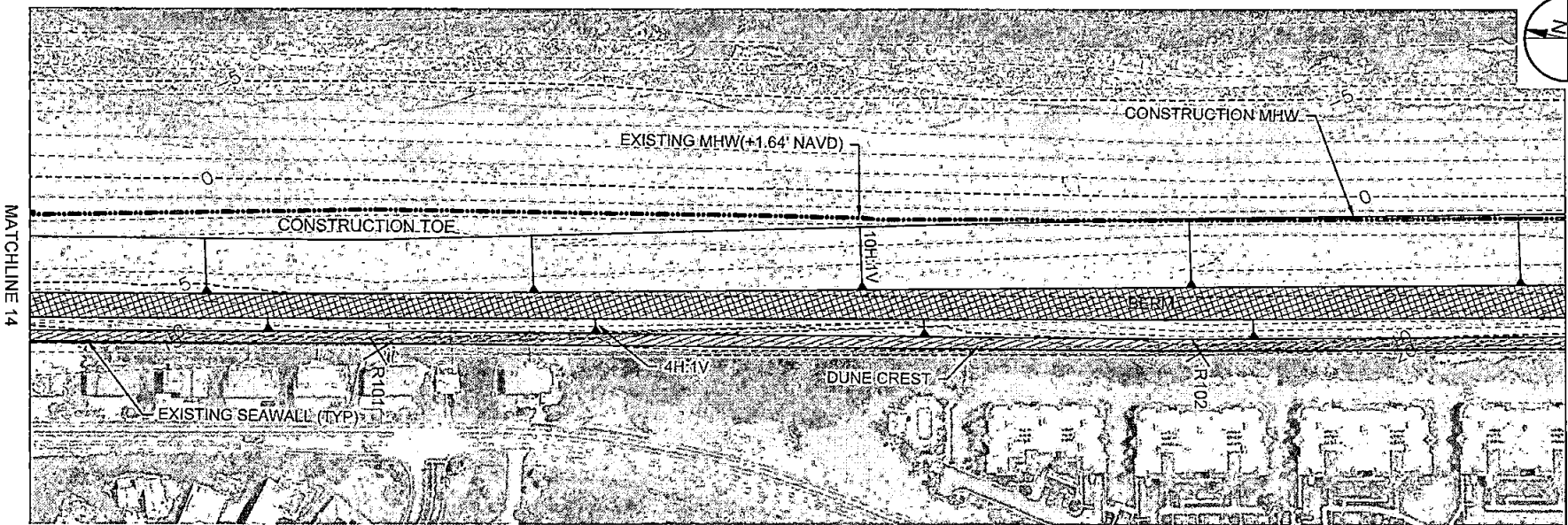
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MICHAEL E. TRUDNAK P.E.# 68200

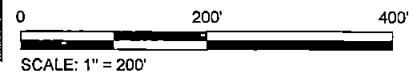
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MATCHLINE 16

AERIAL: USACE, 2019



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 10199 SOUTHSIDE BLVD
 SUITE 310
 JACKSONVILLE, FLORIDA 32256
 REGISTRY # 4815

FIGURE C-11
 BEACH PLANS
 SOUTH PONTE VEDRA BEACH RESTORATION
 ST. JOHNS COUNTY, FLORIDA

PROJECT	C2018-055
DRAWN BY	AF
SHEET	11 of 18
DATE	JAN 2020

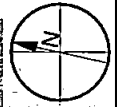
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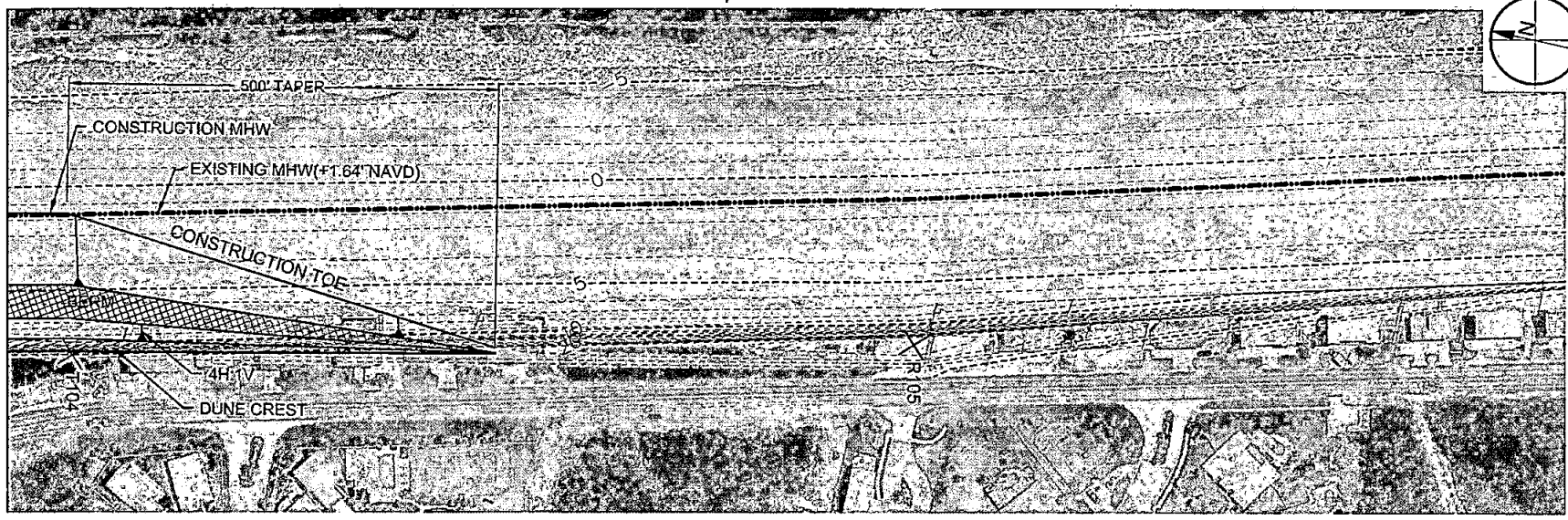
MICHAEL E. TRUDNAK P.E.# 59200

DATE

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MATCHLINE 16



AERIAL: USACE, 2019



TAYLOR ENGINEERING INC.
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 REGISTRY # 4815

FIGURE C-12
 BEACH PLANS
 SOUTH PONTE VEDRA BEACH RESTORATION
 ST. JOHNS COUNTY, FLORIDA

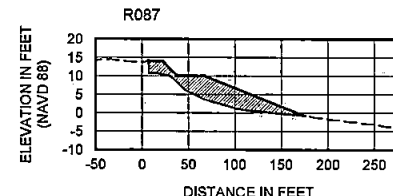
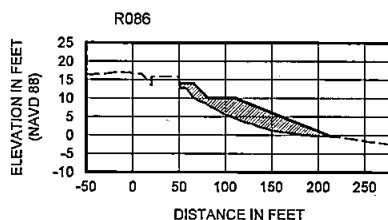
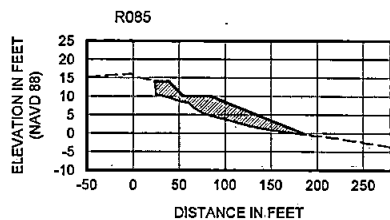
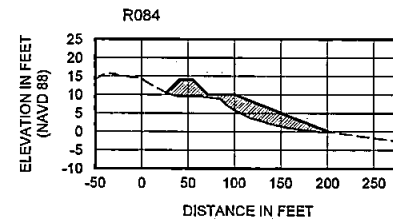
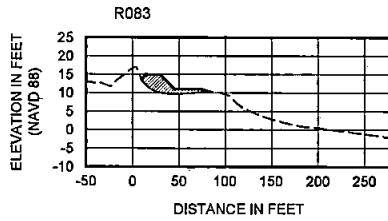
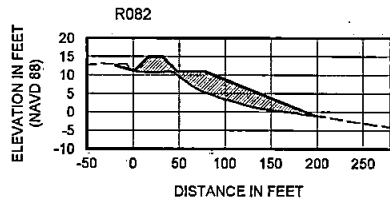
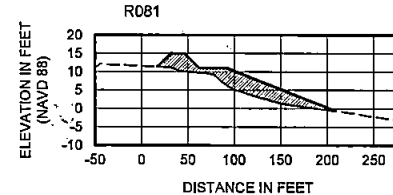
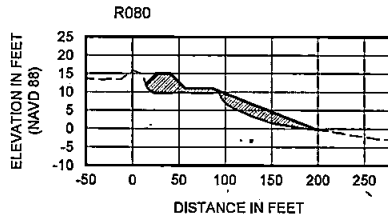
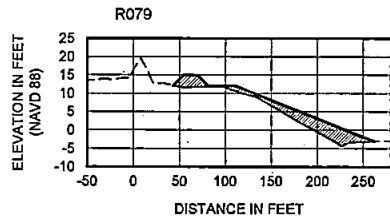
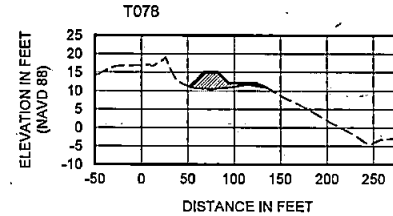
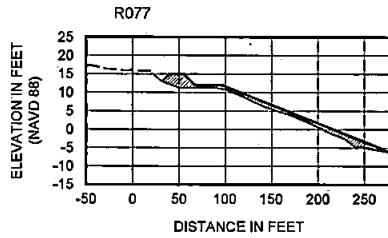
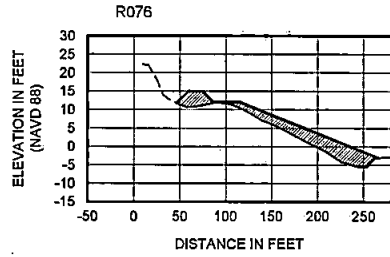
PROJECT	C2018-055
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DATE	JAN 2020

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 MICHAEL E. TRUDNAK P.E.# 58200
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LEGEND:
 - - - - - EXISTING GRADE (NOV 2019)
 ▨ PROPOSED BEACH FILL



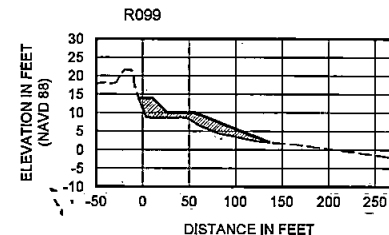
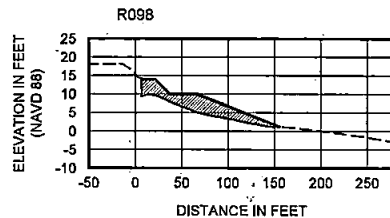
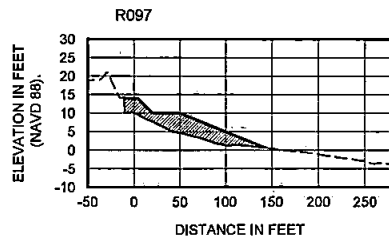
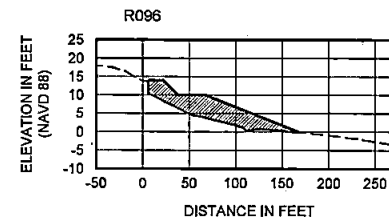
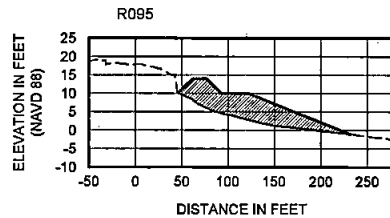
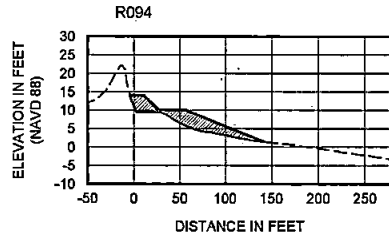
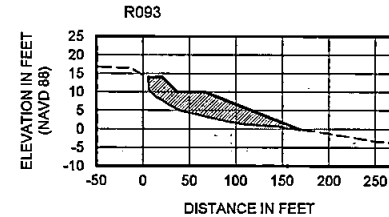
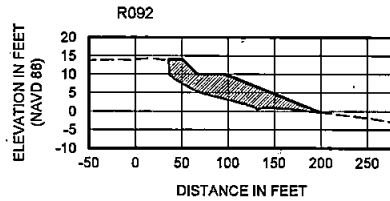
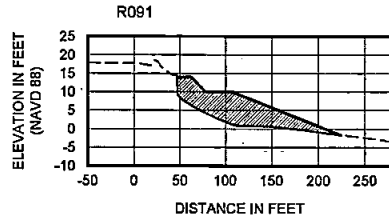
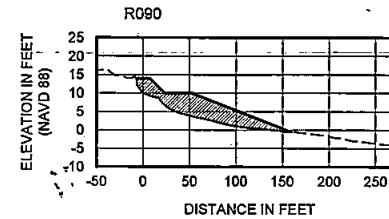
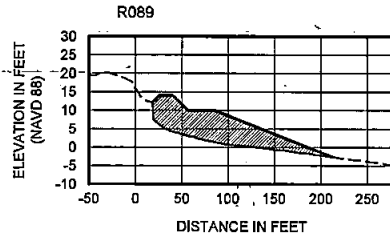
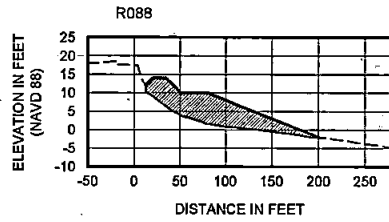
TAYLOR ENGINEERING INC.
 10199 SOUTHSIDE BLVD
 SUITE 310
 JACKSONVILLE, FLORIDA 32256
 REGISTRY # 4815

FIGURE C-13
 BEACH CROSS-SECTIONS
 SOUTH PONTE VEDRA BEACH RESTORATION
 ST. JOHNS COUNTY, FLORIDA

PROJECT	C2018-055
DRAWN BY	AF
SHEET	13 of 18
DATE	JAN 2020

SEAL
DRAFT
 MICHAEL E. TRUDNAK P.E.# 58200
 DATE

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LEGEND:
 - - - - - EXISTING GRADE (NOV 2019)
 ▨ PROPOSED BEACH FILL



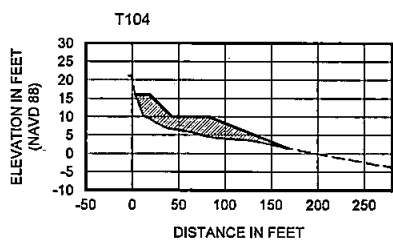
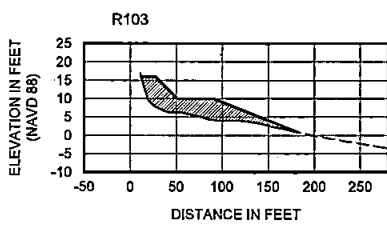
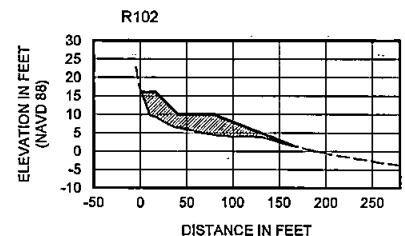
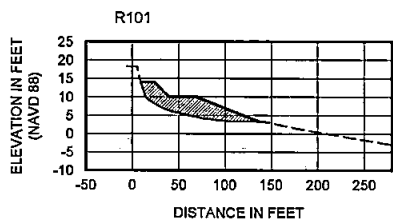
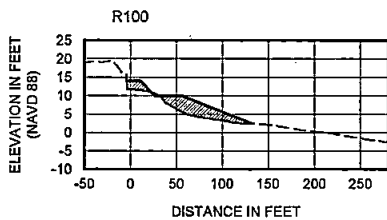
TAYLOR ENGINEERING INC.
 10199 SOUTHSIDE BLVD
 SUITE 310
 JACKSONVILLE, FLORIDA 32256
 REGISTRY # 4815

FIGURE C-14
 BEACH CROSS-SECTIONS
 SOUTH PONTE VEDRA BEACH RESTORATION
 ST. JOHNS COUNTY, FLORIDA

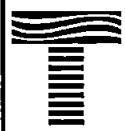
PROJECT	C2018-055
DRAWN BY	AF
SHEET	14 of 18
DATE	JAN 2020

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DATE	

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 ▨ PROPOSED BEACH FILL



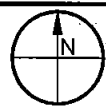
TAYLOR ENGINEERING INC.
 10199 SOUTHSIDE BLVD
 SUITE 310
 JACKSONVILLE, FLORIDA 32256
 REGISTRY # 4815

FIGURE C-15
 BEACH CROSS-SECTIONS
 SOUTH PONTE VEDRA BEACH RESTORATION
 ST. JOHNS COUNTY, FLORIDA

PROJECT	C2018-055
DRAWN BY	AF
SHEET	15 of 18
DATE	JAN 2020

SEAL
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 MICHAEL E. TRUDNAK P.E. # 58200
 DATE

PRELIMINARY DRAWINGS: THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR AGENCY REVIEW.



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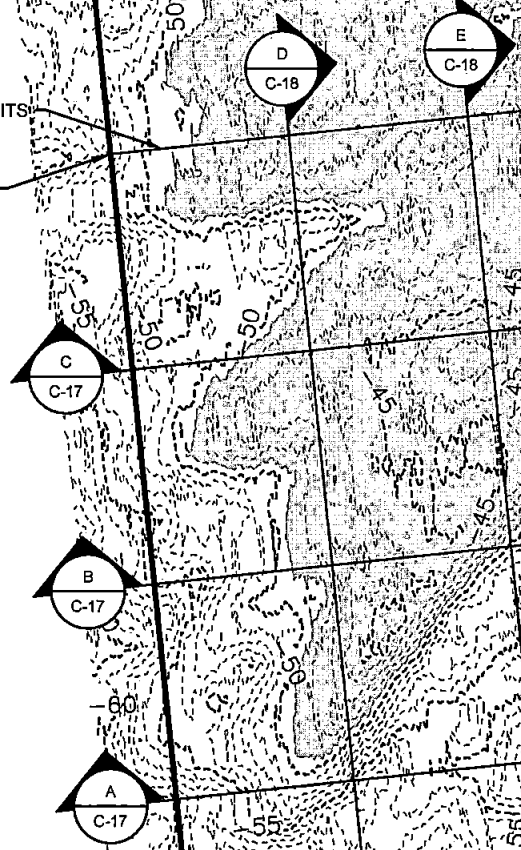
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SITE N-3

N: 2069536.02
E: 601739.82

BORROW AREA N-3 PROPOSED LIMITS

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E: 597393.64



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E: 602475.70

N: 2062130.85
E: 598129.52

0 1,500' 3,000'

SCALE: 1" = 1,500'



TAYLOR ENGINEERING INC.
10199 SOUTHSIDE BLVD
SUITE 310
JACKSONVILLE, FLORIDA 32256
REGISTRY # 4815

FIGURE 16
BORROW AREA N-3 PLAN
SOUTH PONTE VEDRA BEACH RESTORATION
ST. JOHNS COUNTY, FLORIDA

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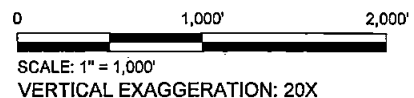
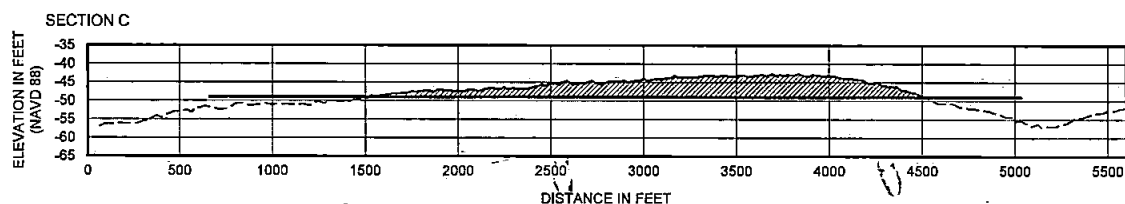
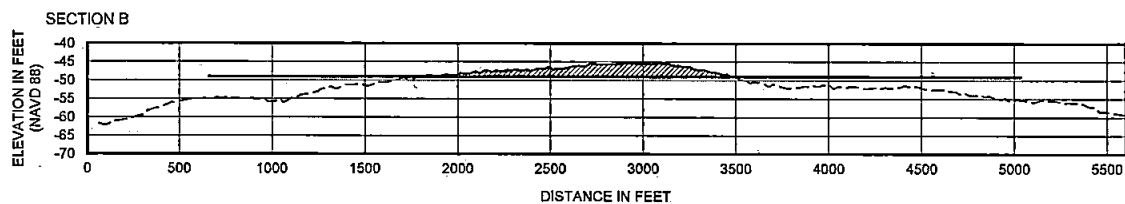
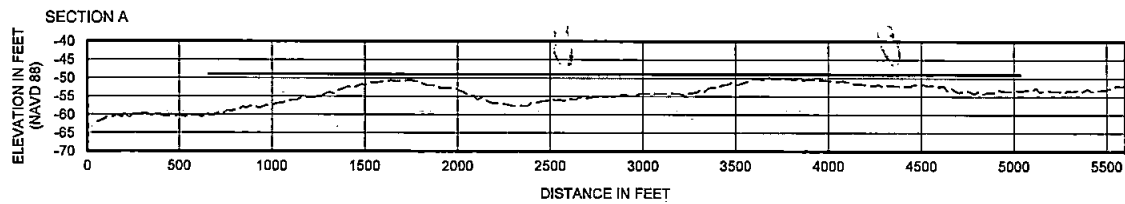
PROJECT: C2018-055 DRAWN BY: AF SHEET: 16 of 18 DATE: JAN 2020

MICHAEL E. TRUDNAK P.E.# 58200 DATE:

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PRELIMINARY DRAWINGS: THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR AGENCY REVIEW.

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LEGEND:	
-----	EXISTING BATHYMETRY (DEC 2018)
—————	PROPOSED BORROW TEMPLATE (-49' NAVD88)
	MATERIAL TO BE REMOVED

TAYLOR ENGINEERING INC.
 10199 SOUTHSIDE BLVD
 SUITE 310
 JACKSONVILLE, FLORIDA 32256
 REGISTRY # 4815

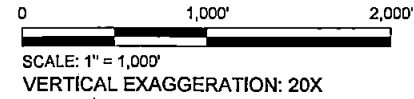
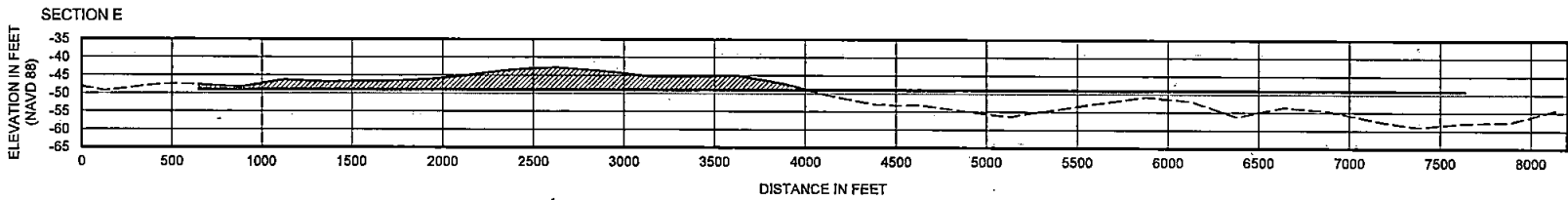
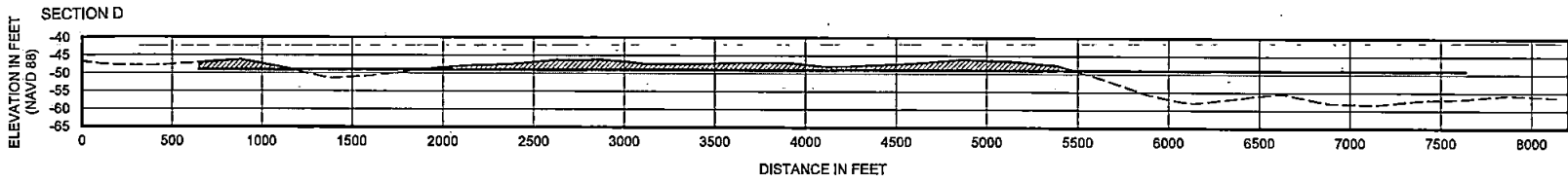
FIGURE 17
 BORROW AREA N-3 CROSS-SECTIONS
 SOUTH PONTE VEDRA BEACH RESTORATION
 ST. JOHNS COUNTY, FLORIDA

PROJECT	C2018-055
DRAWN BY	AF
SHEET	17 of 18
DATE	JAN 2020

DRAFT

SEAL	DATE
MICHAEL E. TRUDNAK P.E.# 58200	


PRELIMINARY DRAWINGS: THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR AGENCY REVIEW.



LEGEND:

---	EXISTING BATHYMETRY (DEC 2018)
—	PROPOSED BORROW TEMPLATE (-49' NAVD88)
▨	MATERIAL TO BE REMOVED

ANTON FLEWELLING\US\PROJECTS\C2018-055-02_STUDIOS_BEACHPERMIT\C2018-055-F-BORROWPLAN.DWG 1/6/2020 11:35:05 AM



TAYLOR ENGINEERING INC.
10199 SOUTHSIDE BLVD
SUITE 310
JACKSONVILLE, FLORIDA 32256
REGISTRY # 4815

FIGURE 18
BORROW AREA N-3 CROSS-SECTIONS
SOUTH PONTE VEDRA BEACH RESTORATION
ST. JOHNS COUNTY, FLORIDA

PROJECT	C2018-055
DRAWN BY	AF
SHEET	18 of 18
DATE	JAN 2020

SEAL

DRAFT

MICHAEL E. TRUDNAK P.E.# 58200

DATE

PRELIMINARY DRAWINGS: THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR AGENCY REVIEW.

ORDINANCE NO. 99- 33

AN ORDINANCE OF ST. JOHNS COUNTY, FLORIDA, ESTABLISHING A LIGHTING MANAGEMENT PLAN FOR THE PROTECTION OF NESTING MARINE TURTLES AND THEIR HATCHLINGS; PROVIDING DEFINITIONS; PROVIDING LIMITATIONS OF JURISDICTION EXCLUDING INCORPORATED MUNICIPALITIES AND CERTAIN STATE AND FEDERAL PROPERTIES; PROVIDING GUIDELINES FOR LIMITATION OF NEW AND EXISTING PRIVATE AND PUBLIC EXTERIOR LIGHTING TO MINIMIZE ADVERSE EFFECT ON MARINE TURTLES; PROVIDING GUIDELINES FOR LIMITATION OF INTERIOR LIGHTING TO MINIMIZE ADVERSE EFFECT ON MARINE TURTLES; PROVIDING FOR ACTION IN CERTAIN CASES OF CUMULATIVE BEACH ILLUMINATION; DEFINING PROHIBITED ACTIVITIES DISRUPTIVE TO MARINE TURTLES; DEFINING STANDARDS FOR BEACH ACCESS POINTS; PROVIDING FOR COMPLIANCE INSPECTIONS, PENALTIES AND ENFORCEMENT; PROVIDING FOR A FUNDED COMMUNITY EDUCATION EFFORT; PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the Beaches of St. Johns County serve as a known nesting habitat for Marine Turtles described as threatened or endangered; and

WHEREAS, associated Artificial Lighting along the landward side of the Marine Turtle nesting sites may deter Marine Turtles from nesting and may threaten the survival of Hatchlings by causing disorientation; and

WHEREAS, the protection of nesting Marine Turtles and their Hatchlings is in the public interest and serves the public welfare; and

WHEREAS, the Department of Environmental Protection, pursuant to Section 161.163, Florida Statutes, has adopted by rule minimum guidelines for local government regulations that control beach-front lighting to protect nesting Marine Turtles and Hatchlings; and

WHEREAS, St. Johns County, pursuant to its Comprehensive Plan, provides that it is an objective of the County to protect Marine Turtles which nest on the sand beaches fronting the Atlantic Ocean.

NOW THEREFORE, BE IT ORDAINED by the Board of County Commissioners of St. Johns County, Florida:

Section 1. Definitions. The following words and phrases shall have the meaning as defined in this Section:

- 1.1 **Artificial Light or Artificial Lighting:** The light emanating from any human-made device.
- 1.2 **Beach:** The zone of unconsolidated material facing the Atlantic Ocean that extends landward from the mean low water line to the place where there is a marked change in material or physiographic form, or to the line of permanent vegetation (usually the effective limit of storm waves), as is defined in Chapter 62B-33.002(4), Florida Administrative Code. At the Matanzas Inlet in St. Johns County, the Beach shall not extend landward of the centerline of the Matanzas Inlet Bridge; and at the St. Augustine Beach Inlet in St. Johns County, the Beach shall not extend landward of the extreme westward points of said inlet.
- 1.3 **Bug Light:** Any light that is marketed as being specifically treated in such a way so as to reduce the attraction of insects to the light.
- 1.4 **County:** St. Johns County, Florida.
- 1.5 **Cumulative Beach Illumination:** Artificial Light sources that, as a group illuminate any portion of the surface of the Beach.
- 1.6 **Direct Beach Illumination:** Illumination of the Beach, or any portion thereof, by Artificial Light or reflectors, in which the light source or reflector is visible from the surface of the Beach.
- 1.7 **Dune:** A mound or ridge of loose sediments, usually sand-sized sediments, lying landward of the Beach and deposited by any natural or artificial mechanism.
- 1.8 **Ground-level Barrier:** Any vegetation, natural feature or artificial structure rising from the ground which prevents Artificial Lighting from shining directly onto the Beach/Dune system.
- 1.9 **Hatchling(s):** Any species of Marine Turtle, within or outside of a nest, that has recently hatched from an egg.
- 1.10 **Indirect Beach Illumination:** Illumination of the Beach, or any portion thereof, by Artificial Light or reflectors, in which the light source or reflector is not visible from the surface of the Beach.

- 1.11 Interior Light Fixture: Any Light Fixture or Point Source of Light which is located within an enclosed structure.
- 1.12 Light Fixture: A stationary Artificial Light Source composed of lamp(s), reflector(s), globe(s), and other elements necessary to produce and direct light.
- 1.13 Low-profile Light Fixture: Any Light Fixture, set on a base, where the Point Source of Light is no higher than forty-eight (48) inches off the ground, and is designed in such a way that light is directed downward from a hooded light source.
- 1.14 Marine Turtle(s): Any specimen belonging to the species Caretta caretta (loggerhead turtle), Chelonia mydas (green turtle), Dermochelys coriacea (leatherback turtle), Eretmochelys imbricata (hawksbill turtle), or any other Marine Turtle using St. Johns County Beaches as a nesting habitat.
- 1.15 Motorized Vehicle: Includes, but is not limited to, any self-propelled wheeled, tracked, or belted conveyance.
- 1.16 Nest: An area where Marine Turtle eggs have been naturally deposited or subsequently relocated.
- 1.17 Nesting Season: The period from May 1st through October 31st of each year.
- 1.18 New Construction: any horizontal or vertical building procedure requiring a County permit, issued after adoption of this Ordinance.
- 1.19 Night-time or Night: The period between sunset and sunrise as published in The St. Augustine Record newspaper.
- 1.20 Point Source of Light: The actual light source such as the bulb, fluorescent tube, lamp, etc., from which light emanates.
- 1.21 Pole Light: Any Light Fixture, set on a base or pole where the Point Source of Light is higher than forty-eight (48) inches off the ground.
- 1.22 Primary Dune: The first natural or man-made mound or bluff of sand which is located landward of the Beach and which has substantial vegetation, height, continuity and configuration.
- 1.23 Tinted Glass: Any glass treated to achieve an industry approved inside to outside light transmittance value of 45% or less. Such transmittance is limited

to the visible spectrum (400 - 700 nanometers) and measured as the percentage of light that is transmitted through the glass.

- 1.24 Window Tint or Film: A material applied to the entire glass area of a window or door which attains a shading coefficient comparable to that prescribed for Tinted Glass.
- 1.25 Window Treatment: Any type of material that prevents or reduces the amount of interior light escaping outside, including, but not limited to, curtains, drapes, blinds, solar screens, non-reflective film and storm shutters.

Section 2. Jurisdiction: The provisions of this Ordinance shall apply to all areas of St. Johns County, Florida, except for (1) those areas within the incorporated municipalities of the County, and (2) lands which are owned by the State of Florida or the United States federal government and over which the State or the federal government have established direct environmental regulation relating to Marine Turtles.

Section 3. Standards for New Construction.

- 3.1 Exterior Light Fixtures on New Construction shall comply with the following requirements:
 - (a) Except as otherwise permitted herein, the light source or any reflective surface of a Light Fixture on New Construction must not be visible from any point on the surface of the Beach.
 - (b) All Light Fixtures shall be shielded, recessed, and/or louvered to avoid possible violation of Section 3.1(a).
 - (c) Light Fixtures shall be low mounted through the use of bollards, ground level Light Fixtures, or low wall mounts, none of which shall be greater than 48" from the ground.
 - (d) Light Fixtures proposed for the seaward side of the property must be shielded low pressure sodium lamps of 60 watts or less or Bug Light bulbs of other types with bulbs of 5 watts or less.
 - (e) Light Fixtures for purely decorative or accent purposes shall not be used on the seaward side of the property.
 - (f) High intensity Light Fixtures, such as that proposed for roadways, shall utilize shielded low pressure sodium lamps. The number of Light Fixtures shall be the minimum necessary for human safety and

shall be positioned and mounted in a manner such that the Point Source of Light or any reflective surface of the Light Fixture is not visible from any point on the Beach.

- (g) Only low intensity lighting (i.e., 40 watts or less) shall be utilized in parking areas that are visible from any point on the surface of the Beach. Such lighting shall be set on a base which raises the source of light no higher than 48" off the ground and shall be positioned and shielded such that the Point Source of Light or any reflective surface of the Light Fixture is not visible from any point on the surface of the Beach. The light emanating from such Light Fixtures may not Directly, Indirectly or Cumulatively Illuminate the surface of the Beach.
- (h) Parking lots and roadways, including any paved or unpaved area upon which Motorized Vehicles will operate, shall be designed and positioned such that vehicular headlights do not cast light toward or onto the surface of the Beach. Hedges, native dune vegetation, and/or other Ground-level Barriers may be utilized to meet this objective.
- (i) Notwithstanding other provisions of this Ordinance, during construction, temporary security lighting during the Marine Turtle Nesting Season (May 1- October 31) is strongly discouraged. Such security lights shall be shielded and under 4 foot Low-profile Light Fixtures. Low pressure sodium vapor lamps or low wattage yellow Bug Light bulbs shall be utilized for this purpose. Under no circumstances shall these lights Directly Illuminate any area of the surface of the Beach.
- (j) It is strongly advised that Tinted Glass or Window Film shall be utilized on all windows and glass doors visible from any point on the surface of the Beach.

3.2 Prior to the issuance of a final County approval or Certificate of Occupancy for any New Construction within the Jurisdiction of this ordinance, compliance with the beach-front lighting standards set forth in this ordinance shall be approved as follows:

- (a) Prior to receiving a building permit for installation of any exterior Light Fixtures which are visible from the beach, the applicant must obtain approval by the Building Department that the exact type of exterior light fixtures to be used complies with this Ordinance.

- (b) Upon completion of New Construction activities the permit holder shall request a Building Department night survey of the site with all Light Fixtures turned on.
- (c) The Building Department shall complete such survey and prepare the inspection findings in writing identifying:
 - (1) The date and time of the inspection;
 - (2) The extent of compliance with the lighting standards;
 - (3) All areas of observed non-compliance, if any.
- (d) A copy of the inspecting findings will be delivered to the permit holder.

Section 4. Guidelines for existing development, including publicly owned lighting.

- 4.1 Permanent exterior Lighting Fixtures on existing structures installed prior to the effective date of this Ordinance and which create Direct, Indirect, or Cumulative Illumination of the surface of the Beach shall be considered as existing development and the regulations set forth in this Section shall be met to achieve the purpose of this Ordinance.
- 4.2 Within thirty (30) days of the effective date of this ordinance, all existing exterior artificial Light Fixtures associated with existing structures shall meet the following standards during Night hours from May 1 to October 31 of each year:
 - (a) No Point Source of Light or any reflective surface of the Light Fixture shall be visible from any point on the surface of the Beach.
 - (b) Illumination of any area of the surface of the Beach through Direct Illumination is prohibited.
 - (c) Light Fixtures which have Direct Illumination completely shielded from the beach and which have non-reflective interior surfaces shall be used in all cases, except that other Light Fixture types that have appropriate shields, louvers, or cut-off features may also be used if they comply with subsection 4.2(a) above.
- 4.3 Exterior Light Fixtures, associated with existing structures, that do not comply with criteria set forth in Subsection 4.2 above, shall be modified from

May 1 to October 31 each year with one or a combination of the options listed below as necessary to rectify situations not complying with Subsection 4.2 above:

- (a) Reposition the Light Fixture so the Point Source of Light or any reflective surface of the Light Fixture is no longer visible from the surface of the Beach.
- (b) Replace Light Fixtures having an exposed Point Source of Light with Light Fixtures containing recessed, shielded, and/or louvered Point Sources.
- (c) Replace traditional light bulbs with yellow Bug Light bulbs not exceeding 40 watts.
- (d) Replace non-directional Light Fixtures with directional Light Fixtures that point down and away from the Beach.
- (e) Replace Light Fixtures having transparent or translucent coverings with Light Fixtures having opaque shields covering an arc of at least 180 degrees and extending below the bottom edge of the Light Fixture so the Point Source of Light is no longer visible from the surface of the Beach.
- (f) Replace Pole Lights with low-profile, low-level Light Fixtures so that the Point Source of Light or any reflective surface of the Light Fixture is not visible from the surface of the Beach.
- (g) Replace incandescent, fluorescent and high intensity lighting with the lowest wattage low-pressure sodium vapor lamps possible for the specific application.
- (h) Plant or improve vegetation buffers between the Light Fixtures and the Beach to screen light from the surface of the Beach.
- (i) Construct a Ground-level Barrier to shield the Light Fixtures from the Beach. Ground-level Barriers must not interfere with Marine Turtle nesting, or Hatchling emergence, or cause short or long term damage to the Beach/dune system; and/or,
- (j) Permanently remove or disable any Light Fixture which cannot be brought into compliance with these standards.

- 4.4 Security Lighting: Nothing in this Ordinance is intended to or shall limit or discourage the use of flood lights or spot lights of any color activated by motion of a person or vehicle on the property. Any such light shall provide illumination for a period not to exceed 5 minutes each time motion is detected by it.

Section 5. Interior Lighting.

- 5.1 One or more of the following measures shall be used as necessary to reduce Direct, Indirect and Cumulative Beach Illumination resulting from the Interior Light emanating from doors and windows within line-of-sight of the Beach from May 1 to October 31 each year during Night hours.
- (a) Apply Window Tint or Film that meets the standards for Tinted Glass.
 - (b) Rearrange lamps and other moveable Light Fixtures away from windows.
 - (c) Use Window Treatments to shield interior lights from the Beach and, during the Nesting Season, draw operable coverings each Night; and/or
 - (d) Turn off unnecessary lights.

Section 6. Cumulative Beach Illumination. Extensive development with many light sources scattered over a relatively large area, or intense lighting from sporting or similar facilities may result in Cumulative Beach Illumination. Whenever such a situation is determined to exist, the facts shall be reported to the Board of County Commissioners for determination of action as may be appropriate.

Section 7. Prohibition of Activities Disruptive to Marine Turtles.

- 7.1 To protect nesting Marine Turtles and their Hatchlings, the following activities are prohibited on the Beach at Night during the Nesting Season:
- (a) Campfires or bonfires.
 - (b) Any transient lighting, such as flashlights, torches, and gas lanterns, which purposely illuminates nesting Marine Turtles or Hatchlings so that it disrupts their behavior patterns. This prohibition does not apply to individuals with appropriate permits from federal and/or state agencies.

- 7.2 Horseback riding on the beach during the Nesting Season shall be permitted only seaward of the most recent high-tide line on the beach during times when such riding is allowed.

Section 8. Standards for Beach Access Points.

- 8.1 To increase general public awareness of the need for protecting Marine Turtles and to alert the public to possible penalties resulting from the molestation of Marine Turtles or the destruction of their Nests and eggs, the following standards shall apply:

- (a) Permanent Marine Turtle information signs shall be posted at all public and multi-family private Beach Access Points provided with Dune crossovers by the Persons or entities that control such Beach Access Points (the "Property Owner"). The signs shall be:
- (1) Standardized by the County;
 - (2) Supplied by the County at cost to private owners requiring such signs;
 - (3) Installed so that they are conspicuous to persons accessing the Beach at that particular point.
 - (4) Maintained in perpetuity by the private owner(s) such that information printed on the signs remains legible and conspicuous to beach users; and
- (b) Removal of Sea Turtle information signs by person(s) other than the applicable property owner or his agent is prohibited.
- (c) Existing Beach Access Points must comply with conditions of this Section within six (6) months of the effective date of this Ordinance. New Beach Access Points constructed after the effective date of this Ordinance must comply with conditions of this Section prior to issuance of a Certificate of Occupancy or final building approval, as applicable.

Section 9. Compliance Inspections, Penalties and Enforcement.

- 9.1 Night-time lighting inspections from the Beach shall be conducted at the beginning of each Marine Turtle Nesting Season and at least monthly during the Nesting Season to determine compliance or violations of this Ordinance.

These inspections shall be performed by County Code Enforcement Officers or qualified persons appointed or contracted by the County Administrator. These inspections shall include both public and private properties within jurisdiction of this Ordinance.

- 9.2 The County shall identify Artificial Lighting areas not in compliance with this Ordinance, and issue written notice to property owners whose properties are not in compliance with this Ordinance. Such notification shall include (1) the nature of the noncompliance; and (2) recommendations for remedial actions to put the subject property into compliance.
- 9.3 The enforcement procedures and the fines, citations, liens and penalties authorized by Chapter 162, Florida Statutes, include but not limited to Parts I and II, as amended, and any other statute or County ordinance may be used to enforce the provisions of this ordinance.
- 9.4 Each day that an offense or violation of this ordinance continues shall be deemed a separate offense.

Section 10. Community Education Effort.

- 10.1 Each year this Ordinance is in effect, the County shall conduct a community education efforts to support the goal of protecting Marine Turtles against Artificial Light hazards.
- 10.2 The community education effort may include beach signage, printed materials and mailings, media advertising, and any other action deemed appropriate by the County.

Section 11. Fourth of July Enforcement Exception. Notwithstanding any other provision of this Ordinance, Section 4 shall not be in force from 5:00 am, on July 4 until 1:00 am. of July 5 of each year on the Atlantic Ocean Beaches of St. Johns County south of the north side of the Vilano Road access ramp to the St. Augustine Inlet.

Section 12. Conflicts. In the event this Ordinance conflicts with any other applicable regulations on this subject matter, the more restrictive shall apply.

Section 13. Severability. If any section, part of a sentence, paragraph, phrase or word of this Ordinance is for any reason held to be unconstitutional, inoperative, or void, for any Person, property or circumstance, such holdings shall not affect the remaining portions hereof and it shall be construed to have been the legislative intent to pass this Ordinance without such unconstitutional, invalid or inoperative part.

Section 14. Effective Date. This Ordinance shall take effect upon receipt by the Secretary of State.

PASSED AND ENACTED by the Board of County Commissioners of St. Johns County, State of Florida, this 27th day of April, 1999.

BOARD OF COUNTY COMMISSIONERS
OF ST. JOHNS COUNTY, FLORIDA

By: Marc A. Jacalone
Marc A. Jacalone, Chairman

ATTEST: CHERYL STRICKLAND, CLERK

By: Cheryl Strickland
Clerk

EFFECTIVE DATE: 05-03-99

The St. Augustine Record

PUBLISHED EVERY AFTERNOON MONDAY THROUGH FRIDAY, SATURDAY AND SUNDAY MORNING
ST. AUGUSTINE AND ST. JOHNS COUNTY, FLORIDA

STATE OF FLORIDA,
COUNTY OF ST. JOHNS

Before the undersigned authority personally appeared _____

LINDA Y MURRAY who on oath says that she is
ACCOUNTING CLERK of the St. Augustine Record, a

daily newspaper published at St. Augustine in St. Johns County, Florida:

that the attached copy of advertisement, being a _____

NOTICE OF PUBLIC HEARING (DISPLAY ADVERTISEMENT)

in the matter of ESTABLISHMENT OF ORDINANCE/REGULATIONS

AFFECTING THE USE OF LAND

in the _____ Court, was published in said newspaper in the
issues of _____

MONDAY, MARCH 29, 1999

Affiant further says that the St. Augustine Record is a newspaper published at St. Augustine, in said St. Johns County, Florida, and that the said newspaper heretofore been continuously published in said St. Johns County, Florida, each day and has been entered as second class mail matter at the post office in the City of St. Augustine, in said St. Johns County, Florida, for a period of one year next preceding the first publication of the copy of advertisement; and affiant further says that she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing the advertisement for publication in the said newspaper.

Sworn to and subscribed before me this 29th day of MARCH, 1999,

by Linda Y Murray who is personally known to me or who has produced PERSONALLY KNOWN as identification.
(Type of Identification)



Zoe Ann Moss
MY COMMISSION # CC841814 EXPIRES
August 22, 2001
BONDED THRU TROY FAIR INSURANCE, INC.

(Signature of Notary Public)

(Seal)

ZOE ANN MOSS

(Print, Type or Stamp Commissioned Name of Notary Public)

NOTICE OF PUBLIC HEARINGS OF THE ST. JOHNS COUNTY BOARD OF COUNTY COMMISSIONERS ON ESTABLISHMENT OF ORDINANCE/REGULATIONS AFFECTING THE USE OF LAND

NOTICE IS HEREBY GIVEN that the Board of County Commissioners of St. Johns County, Florida, at a regular meeting on Tuesday, April 13, 1999 at 1:30 p.m. and Tuesday, April 27, 1999 at 5:30 p.m. in the County Auditorium at the County Administrative Complex, 4020 Lewis Speedway (County Road 16A and U.S. 1 North), St. Augustine, Florida will hold public hearings to consider adoption of the following proposed ordinance:

AN ORDINANCE OF THE ST. JOHNS COUNTY, FLORIDA, ESTABLISHING A LIGHTING MANAGEMENT PLAN FOR THE PROTECTION OF NESTING MARINE TURTLES AND THEIR HATCHLINGS; PROVIDING DEFINITIONS; PROVIDING LIMITATIONS OF JURISDICTION EXCLUDING INCORPORATED MUNICIPALITIES AND CERTAIN STATE AND FEDERAL PROPERTIES; PROVIDING GUIDELINES FOR LIMITATION OF NEW AND EXISTING PRIVATE AND PUBLIC EXTERIOR LIGHTING TO MINIMIZE ADVERSE EFFECT ON MARINE TURTLES; PROVIDING GUIDELINES FOR LIMITATION OF INTERIOR LIGHTING TO MINIMIZE ADVERSE EFFECT ON MARINE TURTLES; PROVIDING FOR ACTION IN CERTAIN CASES OF CUMULATIVE BEACH ILLUMINATION; DEFINING PROHIBITED ACTIVITIES DISRUPTIVE TO MARINE TURTLES; DEFINING STANDARDS FOR BEACH ACCESS POINTS; PROVIDING FOR COMPLIANCE INSPECTIONS; PENALTIES AND ENFORCEMENT; PROVIDING FOR A FUNDED COMMUNITY EDUCATION EFFORT; PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE.

The proposed ordinance is on file in the office of the Clerk of the Board of County Commissioners at the St. Johns County Administration Complex, 4020 Lewis Speedway (CR 16A and U.S. #1), St. Augustine, Florida and may be examined by parties interested prior to the said public hearings. Please take note that the ordinance is subject to revision

prior to the hearings or adoption. All parties having any interest in said ordinance will be afforded an opportunity to be heard at the public hearings. If a person decides to appeal any decision made with respect to any matter considered at the hearings, such person will need a record of the proceedings; and for such purposes he/she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.

NOTICE TO PERSONS NEEDING SPECIAL ACCOMMODATIONS AND TO ALL HEARING IMPAIRED PERSONS: In accordance with the Americans with Disabilities Act, persons needing a special accommodation or an interpreter to participate in the proceedings should contact ADA Coordinator, at (904) 823-2501 or at the County Administration Building, 4020 Lewis Speedway, St. Augustine, FL 32095. For hearing impaired individuals: Telecommunication Device for the Deaf (TDD): 823-2501 or Florida Relay Service: 1-800-955-8770, no later than 4 days prior to the date of the hearing.

**BOARD OF COUNTY COMMISSIONERS
OF ST. JOHNS COUNTY, FLORIDA
CHERYL STRICKLAND, ITS CLERK
By: Patricia DeGrande, Deputy Clerk**



THE ST. AUGUSTINE RECORD

PUBLISHED EVERY AFTERNOON MONDAY THROUGH FRIDAY, SATURDAY AND SUNDAY MORNING
ST. AUGUSTINE AND ST. JOHNS COUNTY, FLORIDA

STATE OF FLORIDA,
COUNTY OF ST. JOHNS

Before the undersigned authority personally appeared Linda Y. Murray
who on oath says that she is Accounting Clerk of the St. Augustine Record,
a daily newspaper published at St. Augustine in St. Johns County, Florida:
that the attached copy of advertisement, being a

NOTICE OF PUBLIC HEARING (DISPLAY ADVERTISEMENT)

in the matter of **ESTABLISHMENT OF ORDINANCES/REGULATIONS
AFFECTING THE USE OF LAND**

in the Court, was published in said newspaper in the issues of

WEDNESDAY, APRIL 14, 1999

Affiant further says that the St. Augustine Record is a newspaper published
at St. Augustine, in said St. Johns County, Florida, and that the said newspaper
heretofore been continuously published in said St. Johns County, Florida, each
day and has been entered as second class mail matter at the post office in the
City of St. Augustine, in said St. Johns County, for a period of one year preceding
the first publication of the copy of advertisement; and affiant further says that
she has neither paid nor promised any person, firm or corporation any discount,
rebate, commission or refund for the purpose of securing the advertisement for
publication in the said newspaper.

Sworn to and subscribed before me this 15TH day of APRIL, 1999,

by Linda Y. Murray who is personally known to me
or who has produced **PERSONALLY KNOWN** as identification.

Zoe Ann Moss
(Signature of Notary Public)



Zoe Ann Moss
MY COMMISSION # CC641814 EXPIRES
August 22, 2001
BONDED THROUGH TROY FAIN INC. (Seal) c.

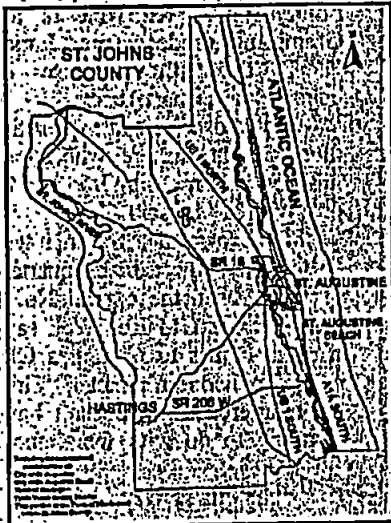
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