

TRANSFER AGREEMENT

County

THIS TRANSFER AGREEMENT (the “Agreement”) is made and executed as of the Effective Date by and between **HERNANDO COUNTY**, a political subdivision of the State of Florida, whose address is 15470 Flight Path Drive, Brooksville, Florida 34604 (the “County”) and **THE SCHOOL BOARD OF HERNANDO COUNTY, FLORIDA**, a body corporate and public subdivision of the state of Florida, whose address is 919 North Broad Street, Brooksville, FL 34601 (the “District”).

WITNESSETH:

WHEREAS, the District is the owner of a portion of Explorer Boulevard located in Hernando County known as Parcel No.: R12 423 17 0000 0010 0020, being more particularly described on Exhibit “A” attached hereto and incorporated herein by this reference (“the District Property”), which is a currently improved public road providing access to the District’s Explorer K-8 School (the “School”); and

WHEREAS, Duke Energy Florida, LLC, as successor to Progress Energy Florida, LLC, as successor to Florida Power Corporation (“Duke”) has easement rights to the District Property pursuant to that certain Easement dated April 1, 1927, recorded in Deed Book 97, Page 418 and Order of Taking recorded in Official Records Book 933, Page 347, all in the official records of Hernando County (collectively, the “Easements”); and

WHEREAS, Duke and the District are parties to that certain Encroachment Agreement dated November 20, 2006, recorded as Instrument Number 2007054034, in Official Records Book 2479, Page 1084 in the official records of Hernando County (the “Encroachment Agreement”) pursuant to which Duke granted the District rights to occupy and utilize a portion of the District Property in the area encumbered by the Easements for the limited purpose of road right of way for access to the School; and

WHEREAS, the County and Somerset Land, LLC (“Somerset”) are parties to that certain Development Agreement dated November 29, 2022, recorded as Instrument Number 2023012862, in Official Records Book 4273, Page 304 in the official records of Hernando County (the “Development Agreement”) pursuant to which Somerset is required to extend Explorer Boulevard to the south, and add additional access, perimeter security fencing and gates, and queuing for the School; and

WHEREAS, the District, Acts 88, LLC (“Acts”), and Somerset are parties to that certain Access Agreement dated May 19, 2015, recorded as Instrument Number 2015031248, in Official Records Book 3231, Page 649, in the official records of Hernando County, as amended by that certain First Amendment to Access Agreement dated April 12, 2022, recorded as Instrument Number 2022029832, in Official Records Book 4158, Page 660, in the official records of Hernando County (collectively, the “Access Agreement”) pursuant to which the District granted Acts 88 and Somerset limited access for the District Property in exchange for Acts 88 and Somerset

constructing additional access and queuing for the School and a new marquee of similar or better quality for the School; and

WHEREAS, the County has requested that the District dedicate and transfer to the County the District Property to (i) allow the County to incorporate Explorer Boulevard into the County road system so that a collector road for the County is constructed which will eliminate access and traffic issues; and (ii) transfer all maintenance and operational responsibilities to the County; and

WHEREAS, section 335.0415, Florida Statutes, authorizes the transfer of public roads only by mutual agreement of the affected governmental entities; and

WHEREAS, the transfer of that portion of Explorer Boulevard is in the public interest and welfare; and

WHEREAS, the District has agreed to dedicate to the County the District Property subject to the terms and conditions set forth in this Agreement.

NOW THEREFORE, for and in consideration of the premises hereof and other good and valuable consideration, the District and the County hereby covenant and agree as follows:

1. Recitals. The above recitals are true and correct and are incorporated herein by reference.

2. The District Dedication to the County. The District shall dedicate and transfer to the County the District Property subject to encumbrances set forth on the Owner & Encumbrance Property Information Report File No. 25003581 prepared by Old Republic National Title Insurance Company, such encumbrances set forth on Exhibit "B" attached hereto, by recorded deed or right of way map (the "Dedication"). The Dedication shall be recorded within sixty (60) days following the Effective Date (as defined herein) (the "Transfer Date"). The District shall execute and deliver to the County a quit claim deed and such other documents as may be reasonably required, necessary or useful in consummating the transaction contemplated by this Agreement.

3. Conditions of Dedication. The Dedication is expressly conditioned on the District Property being incorporated into the County Road system as a collector road and the County complying with the following conditions:

(a) The County acknowledges the District Property is encumbered as specified on Exhibit B, including the Encroachment Agreement, as well as a new Encroachment Agreement between Duke and the County attached herein as Exhibit "C" ("County Encroachment Agreement"), which County Encroachment Agreement must be executed and recorded on the Transfer Date. The County acknowledges and agrees that Duke's Easements are prior in time to the County's, and the rights granted to the County shall be subordinate to Duke's Easements and easement rights. Until such time as the Encroachment Agreement is terminated and replaced with a new encroachment agreement with the Developer, the County agrees to fully comply with all obligations under the Encroachment Agreement and the Easements, including strict compliance

with the locations and usages specified on Exhibit A of the Encroachment Agreement and conditions and requirements set forth in Exhibit B of the Encroachment Agreement.

(b) The County shall grant the District a perpetual easement, if necessary, for the District's use of the District Property for access to the School and the County shall take no action that would impair the District's use of the District Property for use in conjunction with the School. The County shall ensure that the District always has comparable or better access to the School from the District Property.

(c) The County will ensure that any plan, plat, zoning or similar approval or other related development rights granted to Somerset shall be subject to the condition that Somerset (or any successor developer) construct additional access and queuing for the School and a new marquee of similar or better quality for the School at no cost to the District and pursuant to plans approved in writing by the District attached hereto as Exhibit "D" (the "Improvement Work"). Any modifications to the plans attached hereto must be approved in writing by the District's governing board. Should the County (rather than the Developer) independently elect to improve the portion of Explorer Boulevard that is the subject of the Dedication, the County shall provide the District with ninety (90) days prior written notice of its intent to complete the Improvement Work and shall conclude the Improvement Work within eighteen (18) months of commencement (the "Completion Deadline"). In such event, the County shall ensure that Somerset (or any successor developer) commences construction of the remainder of the Improvement Work within eighteen (18) months of the County's commencement of the development of Explorer Boulevard, unless the parties mutually agree to extend the Completion Deadline. If the County does not complete the Improvement Work by the Completion Deadline (as may be extended by mutual agreement by the District and County), then District, at District's sole option, may elect (by providing written notice of such election to the County) to complete installation of the Improvement Work in a timely manner, in which case all direct costs and expenses incurred by District in doing so shall be payable to District from County plus an amount equal to ten percent (10%) of such direct costs and expenses. All payment requests from District under this section shall be paid in accordance with the Florida Prompt Payment Act, Part VII of Chapter 218, Florida Statutes, as amended from time to time. County shall provide the District with at least ninety (90) days' prior written notice before commencement of the Improvement Work. County shall coordinate with the District to create a schedule for the Improvement Work for the minimal disruption of school operations. This plan shall be mutually approved by both parties and such approval shall not be unreasonably withheld. County shall maintain continuous, safe, secure, and convenient access for school buses, staff, parents, emergency vehicles, and students at all times during construction. Any temporary detours or closures affecting access routes shall be coordinated no less than seventy-two (72) hours in advance with the District and shall not occur during school arrival or dismissal hours unless expressly approved in writing by the District. County shall implement appropriate traffic control measures, signage, and flagging personnel as necessary to ensure safe and efficient traffic flow during all construction activities. County shall provide the District with at least seventy-two (72) hours' prior written notice before commencement of any construction activities impacting or disrupting utilities serving the school. A traffic control plan, temporary fencing plan, or construction staging plan, if required by the District, shall be submitted for review and approval prior to commencement of construction. County shall coordinate construction schedules with the District's Director of Facilities and Construction, or other designee, to minimize disruption to school operations, including testing

periods, events, and transportation schedules. Construction activities generating excessive noise, dust, or vibration shall be restricted during regular school hours to the extent reasonably practicable. Any damage to school access drives, parking areas, sidewalks, or related infrastructure caused by construction activities shall be promptly repaired or restored by County, at its sole cost and to the District's satisfaction.

(d) The County agrees that it shall not bring any type of waste, hazardous or otherwise toxic materials on to the District Property nor shall the County store any hazardous waste or toxic materials on the District Property.

(e) The County agrees that it will conduct its operations, maintenance, and any improvements on the District Property in accordance with all applicable laws, rules, regulations, and permits, including but not limited to any related to the reasonable maintenance and operations for safety of the public, and will ensure the same for any successor owner of the District Property, if any.

(f) Somerset and Acts shall enter into a release and indemnification with the District, in a form acceptable to District, releasing the Access Agreement and indemnifying the District.

4. Liability for Torts, Indemnification and Sovereign Immunity.

(a) The County agrees that pursuant to section 337.29(3), Florida Statutes, upon such transfer to the extent sovereign immunity has been waived, liability for torts related to the roadway occurring on or after the Transfer Date shall be the responsibility of the County. The District shall remain liable for torts related to the roadway committed by the District that occurred prior to the Transfer Date, but only to the extent sovereign immunity has been waived.

(b) To the extent permitted by law, the County agrees to indemnify, defend and shall hold harmless the District and the employees and agents of the District from any claims, actions, administrative proceedings (including informal proceedings), judgments, damages, costs, liabilities (including sums paid in settlement of claims), interest or losses including reasonable attorneys' and expenses (including any such fees and expenses incurred in enforcing this Agreement or collecting any sums due hereunder), together with all other costs and expenses of any kind or nature (collectively, the "Costs") that which at any time or from time to time may be suffered or incurred in connection with any claim, cause of action, demand or lien made or arising directly or indirectly or in connection with, with respect to, or as a direct or indirect result of:

(i) the County's actions, omissions or failure to act, or the actions, omissions, or failure to act of its employees, directors, principals, agents, or contractors, with regard to this Agreement, or any violation the terms of the attached County Encroachment Agreement, the Easements, or the Encroachment Agreement.

(ii) in any way relating to or resulting from the County's maintenance, operation or expansion of the public road located on the District Property;

(iii) any failure on the part of the County to comply with any covenant required to be performed or compiled with under this Agreement; or

(iv) any litigation, arbitration or other claim brought against the District by Duke for violation of the County Encroachment Agreement or the Encroachment Agreement, its successor and/or assigns, including, without limitation, any losses, liabilities, damages, injuries, costs, expenses or claims asserted or arising, whether now known or unknown.

Notwithstanding the foregoing, nothing contained herein shall be construed as requiring the County to indemnify or insure the District from sole negligence by the District pursuant to section 768.28(19), Florida Statutes. Further, nothing contained herein shall be construed as an additional waiver of the County's or District's sovereign immunity, or as a waiver of any limitations of liability pursuant to section 768.28, Florida Statutes, regardless of whether any such obligations are based in tort, contract, statute, negligence or otherwise.

(c) This indemnification shall survive the recording of the Dedication, deed or land map transferring the District Property and shall be ongoing, perpetual, continuing, irrevocable and binding on County and its respective representatives, successors, and assigns, inuring to the benefit of District, and its representatives, successors, and assigns. The County's obligations hereunder may not be assigned or subcontracted. All representations, warranties and covenants of County set forth in this Agreement shall continue in effect and, to the extent permitted by law, shall survive the transfer of the District Property, or any portion thereof.

5. Miscellaneous.

(a) Effective Date. The District and County must obtain approval of this Agreement by the respective governing bodies of the County and the District and execution thereof by the duly qualified and authorized representatives of each of the parties hereto. Execution of this Agreement by the last of the County and the District shall be the "Effective Date" of this Agreement.

(b) Notice. Notice shall be delivered to the addresses contained herein, or as further directed by either party upon written notice to the other party, and shall be deemed to have been given upon (a) receipt by recipient if personally delivered, (b) delivery to a recognized courier, delivery service such as Federal Express, or postmark by the U.S. Postal Service, or (c) delivery by electronic mail provided that the receiving party provides acknowledgment of receipt:

County: HERNANDO COUNTY
 15470 Flight Path Drive
 Brooksville, Florida 34604
 ATTN: County Administrator
 Email: administration@hernandocounty.us

District: SCHOOL BOARD OF HERNANDO COUNTY, FLORIDA
 919 North Broad Street
 Brooksville, FL 34601
 ATTN: Superintendent
 Email: pinder_r@hcsb.k12.fl.us

With a copy to: SCHOOL BOARD OF HERNANDO COUNTY, FLORIDA

919 North Broad Street
Brooksville, FL 34601
ATTN: School Board Attorney & General Counsel
Email: mockler_c@hcsb.k12.fl.us

And: GRAY ROBINSON, P.A.
Attn: Kristin Kowaleski, Esq.
101 East Kennedy Blvd, Suite 4000
Tampa, Florida 33602
Email: Kristin.kowaleski@gray-robinson.com

Either party hereto may change the address for Notice specified above by giving the other party ten (10) days' advance written notice of such change of address. Notices given otherwise than by mail shall be deemed given upon actual receipt thereof.

(c) Construction. Whenever the context of this Agreement so requires or admits, words used in the neuter gender include the masculine and feminine; the singular includes the plural and the plural the singular; the word "person" includes a corporation, partnership or unincorporated association as well as a natural person. The fact that a party may be deemed to have drafted or structured any provision hereof shall not be considered in construing the particular provisions either in favor of or against such party.

(d) Captions. The captions at the beginning of the several paragraphs of this Agreement are not a part of this Agreement but merely labels to assist in locating and reading the respective paragraphs hereof. They shall be ignored in construing this instrument.

(e) Severability. If any provision of this Agreement is declared invalid or unenforceable, then, if reasonably possible, taking into consideration the intent and purpose of the parties in entering into this Agreement, the remainder of this Agreement shall continue in full force and effect.

(f) Entire Agreement. This Agreement contains the entire understanding between the parties concerning the subject matter hereof and supersedes any prior understandings or agreements between them concerning the subject matter hereof. No changes, alterations, modifications, additions or qualifications to the terms of this Agreement shall be binding upon the parties unless made in writing and signed by the party to be bound thereby.

(g) Governing Law; Venue. All questions concerning the meaning, execution, construction, effect and validity of this Agreement shall be judged and resolved in accordance with the laws of the State of Florida. Exclusive jurisdiction and venue for any action filed to interpret or enforce the terms of this Agreement shall be in the appropriate court in Hernando County, Florida.

[Remainder of Page Intentionally Blank]

IN WITNESS WHEREOF, the parties hereto have hereunto set their hands and seals the day and year first above written.

HERNANDO COUNTY, FLORIDA

By: *Jerry Campbell*
Name: Jerry Campbell
Title: Chairman

This 2 day of June, 2026

Attest:

By: *Menke Osinga, Deputy Clerk for*
Name: Doug A. Chorvat, Jr.
Title: Clerk of Court and Comptroller

Approved as to Form:

By: *[Signature]*
Name: Jon A. Jouben
Title: County Attorney

[Signatures Continues on Following Page]

CERTIFIED TO BE A TRUE COPY
DOUG CHORVAT, JR.
CLERK OF COURTS



BY: *Menke Osinga* D.C.
THIS 3rd DAY OF June 2026

**SCHOOL BOARD OF HERNANDO COUNTY,
FLORIDA**

By: _____

Name: _____

Title: _____

This _____ day of _____ 2026.

Attest:

By: _____

Name: _____

Title: _____

Approved as to Form:

By: 

Name: KRISTIN KOWALESKI / GRAY ROBINSON

Title: ATTORNEY

COMMENCING AT THE NORTHEAST CORNER OF SECTION 13, TOWNSHIP 23 SOUTH, RANGE 17 EAST, HERNANDO COUNTY, FLORIDA; THENCE ALONG THE NORTH BOUNDARY LINE OF SAID SECTION 13, RUN N89°25'50"W, 868.61 FEET TO THE EAST RIGHT-OF-WAY LINE OF A 100 FOOT WIDE POWER EASEMENT AS DESCRIBED IN OFFICIAL RECORDS BOOK 933, PAGE 347 OF THE PUBLIC RECORDS OF HERNANDO COUNTY, FLORIDA, AND THE POINT OF BEGINNING; THENCE CONTINUE ALONG THE NORTH LINE OF SAID SECTION 13, N89°25'25"W, 102.28 FEET TO THE WEST RIGHT-OF-WAY LINE OF SAID 100 FOOT WIDE POWER EASEMENT; THENCE ALONG SAID WEST RIGHT-OF-WAY LINE, RUN N12°15'36"E, 1330.08 FEET TO THE SOUTH RIGHT-OF-WAY LINE OF NORTHCLIFFE BOULEVARD; THENCE ALONG SAID SOUTH RIGHT-OF-WAY LINE, RUN S70°46'26"E, 100.75 FEET TO THE EAST RIGHT-OF-WAY LINE OF SAID 100 FOOT WIDE POWER EASEMENT; THENCE ALONG SAID EAST RIGHT-OF-WAY LINE, RUN S12°15'11"W, 1297.15 FEET TO THE NORTH LINE OF SAID SECTION 13, AND THE POINT OF BEGINNING.

CONTAINING 3.02 ACRES MORE OR LESS.

Exhibit "B"

Title Encumbrances

Old Republic National Title Insurance Company Property Information Report; File No.
25003581, dated through October 16, 2025 @ 8:00 a.m.

1. Easement in favor of Florida Power Corporation recorded in Deed Book 97, Page 418.
2. Permanent easement in favor of Florida Power Corporation contained in Order of Taking recorded in O.R. Book 933, Page 347.
3. Access Agreement between Hernando County School Board and Mark 425, LTD recorded in O.R. Book 3231, Page 649; as affected by First Amendment to Access Agreement recorded in O.R. Book 4158, Page 660.
4. Infrastructure Agreement between Somerset Land LLC and Acts 88, LLC recorded in O.R. Book 3947, Page 433.
5. Encroachment Agreement between Florida Power Corporation d/b/a Progress Energy Florida, Inc. and Hernando County School Board recorded O.R. Book 2479, Page 1084.
6. Perpetual Utility Easement in favor of Hernando County Water and Sewer District recorded in O.R. Book 2683, Page 1887.
7. Easement Agreement between Somerset Land LLC and Acts 88, LLC recorded in O.R. Book 3947, Page 421.

Exhibit “C”
County Encroachment Agreement

Prepared by:
Shantel W. Ocampo, Counsel Duke Energy
Florida, LLC
Data & Document Management
525 South Tryon Street, DEP 21
Charlotte, NC 28202

Property No:
Land Unit No:
Project No:

STATE OF FLORIDA

COUNTY OF HERNANDO

ENCROACHMENT AGREEMENT

THE ENCROACHMENT AGREEMENT (“Agreement”), made this ____ day of _____, 2026 (“Effective Date”) by and between **DUKE ENERGY FLORIDA, LLC**, a Florida limited liability company, (“Grantor”), and **HERNANDO COUNTY**, a political subdivision of the State of Florida (“**County**”) (“Grantee”).

- **Grantor, Duke Energy Florida, LLC**, as successor to Progress Energy Florida, LLC, as successor to Florida Power Corporation (“**Duke**”) has easement rights to property owned by the Hernando County School District Property pursuant to that certain Easement dated April 1, 1927, recorded in Deed Book 97, Page 418 and Order of Taking recorded in Official Records Book 933, Page 347, all in the official records of Hernando County (collectively, the “**Easements**”).
- **Hernando County School District (School District)** owns, operates and maintains a school access road and queuing area known as Explorer Boulevard within the Easement Area. The Explorer Elementary improved access right-of-way will be dedicated to Hernando County.
- **County** has requested that the **School District** dedicate and transfer to the County the **School District** Property to (i) allow the County to incorporate Explorer Boulevard into the County road system so that a collector road for the County is constructed which will eliminate access and traffic issues; and (ii) transfer all maintenance and operational responsibilities to the **County** (the “**Dedication**”); and
- Grantees desire authority to encroach upon a portion of the Easement Area for the purpose described herein, and Grantor is willing to permit those encroachments under the terms and conditions of this Agreement.

NOW THEREFORE, Grantor for and in consideration of the sum of Ten and No/100 Dollars (\$10.00) and other good and valuable consideration to it paid by the Grantee(s), the receipt and sufficiency of which are hereby acknowledged, does hereby grant until **Grantee**, the non-perpetual right to encroach upon the portion of the Easement Area described herein pursuant to the following terms and conditions:

1. **Permitted Encroachments.** Grantor agrees to allow Grantees to encroach upon the Easement Area solely to the extent, location, and manner expressly depicted on Exhibit "A," and only for the purpose of maintaining Explorer Boulevard as shown thereon.
2. **Alterations.** The Permanent Encroachment must be constructed in strict compliance with the design shown on the Plans contemplated by Exhibit A. No alteration from the plans may be made after the construction the Permitted Encroachment which interferes with grantor's safe, reliable, and efficient construction, operation, and maintenance of the existing and future Facilities Located on the Easement Area.

All applicable Federal, State, and Local Laws, rules and regulations, and the then Existing Transmission Line Asset Protection Guidelines shall govern any alterations to the Permitted Encroachment, including any minimum distances that must be maintained from the Facilities. In areas where minimum distances shown on the plans conflict with TLASG, plans shall govern. Nothing in this Agreement shall be construed to permit changes in elevation of grade to occur other than as expressly allowed or required by the plans or in this Agreement.

3. **Reaffirmation.** Notwithstanding anything to the contrary herein, by executing this Agreement the parties reaffirm the terms of the Easement Document and acknowledge that this Agreement does not permanently alter, limit, or amend those terms. This Agreement only identifies the Permitted Encumbrances as non-hostile and permits them to remain pursuant to the terms of this Agreement. This Agreement does not constitute a transfer of an interest in land or Grantor's rights granted in the Easement Document.
4. **Wetlands and Vegetation.** The Easement Area may not be used by Grantee to satisfy wetland mitigation requirements. Grantee shall not plant any trees or shrubbery in the Easement Area without prior written approval from Grantor.

5. **Grantor Free From Liability.** Grantor shall not be liable for any damages to the Permitted Encroachment resulting from Grantor's use of the Easement Area, nor for any damage to landscaping, driveways, or irrigation systems that may result from Grantor's access to the Easement Area.
6. **Additional Consent May Be Required.** Grantor makes no warranties or representations as to Grantee's contemplated use of the Easement Area, and in no way shall be deemed to have consented to such use on behalf of the owner of the property on which the Easement Area exists. Grantee acknowledges that Grantor's entering into this Agreement does not, by itself, grant any rights to Grantee to use any portion of the Easement Area, and that the consent of other parties (including, without limitation, the owner of the property and any mortgages of such owner) may be required for Grantee to obtain any rights over the property encumbered by the Easement Area.
7. **Grantee's Sole Risk and Expense.** Grantee acknowledges that the use of the Easement Area shall be at Grantee's sole risk and expense. Grantor shall in no way be liable to Grantee for any costs, expenses, losses, damages, or liabilities incurred by Grantee's use of the Easement Area. Grantee shall defend, indemnify, and hold harmless Grantor, its affiliates, subsidiaries, members, managers, officers, agents, employees, successors and assigns (collectively, "Grantor Parties"), from and against any and all claims, actions, costs, expenses, losses, damage, destruction, and liabilities incurred by Grantor Parties relating, directly or indirectly, to Grantee's use of the Easement Area even if caused in whole or in part by the negligence of Grantor Parties but excluding the willful or intentional misconduct of Grantor's Parties. Grantee's indemnity obligations shall survive the termination of this Agreement and are subject to the limitations of F.S. Sec. 768.28.

All of Grantee's operations, activities, and equipment used within the Easement Area or in proximity to any of the Facilities shall, at all times, be in strict compliance with applicable provisions of the National Electrical Safety Code (NESC), the Occupational Safety and Health Act of 1971 (OSHA), and the OSHA Crane Construction Standards For Power Line Safety, Sections 1926.1408 & .1409. Grantee is further notified and hereby agrees to so notify any of Grantee's employees, agents, contactors, representatives, or other persons engaging in Grantee's activities upon the Easement Area with Grantee's knowledge and under Grantee's supervision or control, that extreme caution is necessary around the Facilities, and in the event of any damages or injuries, Grantee shall immediately report the nature and extent thereof to Grantor's nearest local office or corporate toll free number.

Grantee shall not use any equipment within the Easement Area that can extend over twelve (12) feet in height above natural ground surface level without prior

written approval from Grantor unless an observer, approved by Grantor, is present during the use. Grantee shall bear all costs associated with the observer.

8. **Transferability.** The rights granted and retained under this Agreement shall inure to the benefit of the heirs, successors, and assigns of the parties, and shall run with the land.
9. **Notice.** Any notices and other communications required under this Agreement or relating hereto shall be in writing and delivered via personal delivery, certified United States mail (return receipt requested), or overnight delivery through a reputable carrier to:

Grantor: Duke Energy Florida, LLC
Attn: Transmission Asset Protection
525 South Tryon Street, DEP21
Charlotte, North Carolina 28202

Grantee: Hernando County
Attn: County Administrator
15470 Flight Path Drive
Brooksville, FL. 34604

10. **Termination.** This Agreement shall terminate or may be terminated in the following instances.
 - a. If construction of the Permanent Encroachment does not begin within 12 months of the final approval necessary for the construction of the Permitted Encroachments or the relocation by Duke of wooden poles, identified as Structures Str. BWR-40, Str. BWR-40-1/2 and Str. BWR-41 ,whichever occurs later, and continued thereafter at a reasonable pace, then this Agreement shall be subject to termination.
 - b. If at any point following construction of the approved improvements, Grantor, in its sole discretion, determines that the Permitted Encroachment needs to be modified in order to continue furnishing safe and reliable electric service to its customers, then upon twelve (12) months' notice from Grantor, Grantor and Grantee will work together in a commercially reasonable manner to modify the Permitted Encroachment at the sole expense of Grantee. Grantor acknowledges that the use of the Easement Area as depicted on Exhibit "A" will not interfere with Grantor's ability to continue furnishing safe and reliable electric service to its customers.

- c. If Grantee violates any provision of this Agreement, then Grantor may terminate this Agreement with written notice to Grantee. If the violation is non-material, then Grantee shall be entitled to six (6) months to remove the Permitted Encroachment following notice of Grantor's termination. If the breach is material, then such termination shall be immediate. Without limitation, the parties agree that Sections 1, 2, 3, and 4 of this Agreement are material.
 - d. If Grantee removes or reduces the size of any Permitted Encroachment, it shall not be entitled to restore or expand the Permitted Encroachment to its original size as of the Effective Date. If the Permitted Encroachment is removed in full then this Agreement shall automatically terminate.
11. **Recitals:** The recitals set forth at the opening of this Agreement are incorporated herein as if fully restated in Section 11.
12. **Law and Venue.** This Agreement shall be governed by the laws of the State of Florida without regard to the conflicts of law provisions therein. The parties agree that the proper venue for any dispute related to this agreement is the state or federal courts located in Hernando County, and the parties hereby submit to the jurisdiction thereof.
13. **Entire Agreement.** This Agreement contains the complete understanding of the parties and shall supersede any prior and contemporaneous communications, agreements, and assurances related to the subject matter of this Agreement. Any modification of this Agreement must be agreed to in writing and signed by the parties. This Agreement may be executed in any number of counterparts, each of which will be deemed original, but all of which together shall constitute but one and the same Agreement.
14. **No Waiver.** The failure of Grantor in any one or more instances to insist upon compliance with any provision or covenant herein or to exercise any right or privilege herein shall not constitute or be considered as a waiver of such or any similar provision or covenant.
15. **Severability.** If any term of this Agreement is to any extent illegal, otherwise invalid, or incapable of being enforced, such term shall be excluded to the extent of such invalidity or unenforceability. All other terms of this Agreement shall remain in full force and effect. To the extent permitted and possible, the invalid or unenforceable term shall be deemed replaced by a term that is valid and enforceable and that comes closest to expressing the intention of such invalid or unenforceable term.
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16. **Cost Recovery.** The prevailing party recover shall reasonable cost, including attorney's fees, incurred in bringing or defending any action or proceeding related to this Agreement.

17. **Replacement.** This Encroachment agreement replaces and supersedes all prior encroachment agreements including the agreement recorded in Hernando County Records, OR Book 2479, page 1084, between Florida Power Corporation and Hernando County School Board.

IN WITNESS WHEREOF, the parties hereby have affixed their names under seal by their duly authorized officers the day and year first above written.

Signed and Sealed in the Presence of:

_____, Grantor
Witness-Printed Name **DUKE ENERGY FLORIDA, LLC**
A Florida limited liability company

Witness-Signature **Name: Karen Adams**
Title Manager, Land Services – Florida Region

Witness-Printed Name

Witness-Signature

STATE OF FLORIDA
COUNTY OF _____

The foregoing instrument was acknowledged before me this ____ day of _____, 2026, by **Karen Adams, Title Manager, Land Services – Florida Region of DUKE ENERGY FLORIDA, LLC, a Florida limited liability d/b/a Duke Energy**, on behalf of said company, she is personally known to me or has produced _____ as identification.

NOTARY PUBLIC, State of _____
My Commission Expires:
(Seal)

(Signatures Continue on Following Page)

IN WITNESS WHEREOF, the parties hereby have affixed their names under seal by their duly authorized officers the day and year first above written.

Signed and Sealed in the Presence of:

_____, Grantee
Witness-Printed Name **Hernando County**

Witness-Signature by _____
Name

Witness-Printed Name

Witness-Signature

STATE OF FLORIDA

COUNTY OF _____

The foregoing instrument was acknowledged before me this ____ day of _____, 2026, by _____, on behalf of said company, she is personally known to me or has produced _____ as identification.

NOTARY PUBLIC, State of _____
My Commission Expires:
(Seal)

EXPLORER BOULEVARD ROADWAY EXTENSION EXPLORER K-8 SITE IMPROVEMENTS

SPRING HILL, FLORIDA

COASTAL PROJECT NUMBER 22005

CONTRACT PLANS COMPONENTS

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS

INDEX OF ROADWAY PLANS

| SHEET NO. | SHEET DESCRIPTION |
|-----------|------------------------------|
| 1 | KEY SHEET |
| 2 | GENERAL NOTES |
| 3-5 | DEMOLITION PLANS |
| 6 | TYPICAL SECTION |
| 7 | PROJECT GEOMETRY |
| 8 | SUMMARY OF QUANTITIES |
| 9 | OVERALL SITE PLAN |
| 9A | OVERALL FENCE PLAN |
| 10-23 | PLAN SHEETS & PROFILE SHEETS |
| 24-27 | SCHOOL PLAN SHEETS |
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| 39-41 | DRAINAGE STRUCTURES |
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| DR1-DR4 | DRAINAGE PLANS |
| EC-1-EC-2 | SWPPP PLANS |

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 2025-26 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>
Standard Plans for Bridge Construction are included in the Structures Plans Component

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY 2025-26 Standard Specifications for Road and Bridge Construction at the following website:
<http://www.fdot.gov/programmanagement/implemented/SpecBooks>

PLANS PREPARED FOR



Coastal
DESIGN CONSULTANTS
engineering associates, inc.
Construction Management

968 Candlelight Boulevard - Brooksville - Florida 34601
(852) 790-9455 ext. 352 | 799-8359
EB-000142

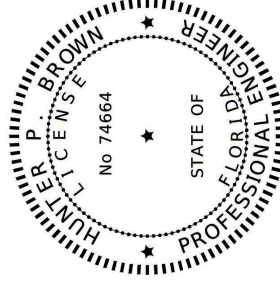
PLANS PREPARED BY



COASTAL
DESIGN CONSULTANTS

7026 LITTLE RD. NEW PORT RICHEY, FL. 34654
T: (727) 849-8010 F: (727) 849-8020
CERTIFICATE OF AUTHORIZATION NO. 00009572

Hunter P. Brown
P Brown
Digitally signed by
Hunter P. Brown
Date: 2025.12.18
17:14:24-05'00'



NOVEMBER 11, 2025

ROADWAY PLANS
ENGINEER OF RECORD:

HUNTER P. BROWN, P.E.
P.E. NO. 74664
COASTAL DESIGN CONSULTANTS INC.
7026 LITTLE ROAD
NEW PORT RICHEY, FL. 34654
(727) 849-8010
WWW.COASTALDESIGNCONSULTANTS.COM
CERTIFICATE OF AUTHORIZATION NO. 9572

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN ALTERED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

PLANS REVIEWED FOR COMPLIANCE IN ACCORDANCE WITH THE HERMANDO COUNTY ZONING CODE WITH EXCEPTIONS NOTED
15104642 10/26

| | |
|--|------|
| THE ISSUANCE OF THESE PLANS SHALL NOT BE CONSIDERED AN ENDORSEMENT BY THE ENGINEER OF THE PROJECT OR THE DESIGN OR CONSTRUCTION THEREOF. | |
| FISCAL YEAR | 2025 |
| REGISTRATION YEAR | 1 |

REFERENCE DOCUMENTS

- HERNANDO COUNTY DEPARTMENT OF PUBLIC WORKS / ENGINEERING DIVISION DIVISION "FACILITY GUIDELINES" LATEST EDITION.
- HERNANDO COUNTY UTILITY DEPARTMENT "A WATER RECLAIMED WATER AND WASTEWATER CONSTRUCTION SPECIFICATIONS MANUAL" JANUARY 2013 EDITION.
- FLOIDA DEPARTMENT OF TRANSPORTATION "MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS", 2018.
- FLOIDA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", 2022.
- FLOIDA DEPARTMENT OF TRANSPORTATION "STANDARD PLANS", DATED FY 2021-22
- FEDERAL HIGHWAY ADMINISTRATION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)", 2009
- F.D.O.T. FLEXIBLE PAVEMENT DESIGN MANUAL FOR NEW CONSTRUCTION AND PAVEMENT REHABILITATION (2022).

COORDINATION OF THE DOCUMENTS:
 THE ARTICLES CONTAINED IN THE GENERAL NOTES, THE CONSTRUCTION DRAWINGS, AND THE ABOVE-REFERENCED DOCUMENTS ARE INTENDED TO BE COMPLEMENTARY AND FULLY DESCRIBE THE TECHNICAL ASPECTS OF THE PROJECT. ANY DISCREPANCIES BETWEEN THE GENERAL NOTES AND THE DOCUMENTS, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IN WRITING FOR RESOLUTION.

GENERAL NOTES:

- FOR THE PURPOSES OF THE NOTES DEFINED HEREIN THE RESPONSIBLE PARTIES SHALL BE DEFINED AS :
 OWNER : SOMERSET LAND L.L.C.
 1825 WAYNE ROAD
 ODESSA, FL 33556
 DESIGN ENGINEER : THE DESIGN ENGINEER IS COASTAL DESIGN CONSULTANTS, INC., 7026 LITTLE ROAD, NEW PORT RICHEY, FL 34654 AND THEIR AUTHORIZED REPRESENTATIVES.
 CONTRACTOR : THE INDIVIDUAL, FIRM OR COMPANY, CONTRACTING WITH HERNANDO COUNTY, BOARD OF COUNTY COMMISSIONERS, HERNANDO COUNTY, FLORIDA, FOR THE PERFORMANCE OF WORK OR FURNISHING OF MATERIALS.

- UNLESS SPECIFICALLY NOTED OTHERWISE, ALL ELEVATIONS AND DIMENSIONS ARE IN FEET. REFERENCED TO NAD 83 DATUM OF 1988.
- EXISTING UTILITIES:

- LOCATIONS, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS, AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES AFFECTING THIS WORK, PRIOR TO CONSTRUCTION.
- THE CONTRACTOR IS CAUTIONED THAT THE LOCATION OF EXISTING UTILITIES, WHETHER OR NOT SHOWN, ARE APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ACTUAL FIELD LOCATIONS FROM THE RESPECTIVE UTILITY COMPANY 48 HOURS BEFORE BEGINNING WORK.
 SUNSHINE STATE ONE CALL 1-800-432-4770.
- THE CONTRACTOR IS CAUTIONED THAT SOME EXISTING UTILITIES OF THE PROPOSED ROADWAY IMPROVEMENTS, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO NOTIFY AND COORDINATE WITH THE RESPECTIVE UTILITY COMPANY 48 HOURS BEFORE BEGINNING WORK. WORKS IN ADVANCE OF CONSTRUCTION ACTIVITIES FOR ADDITIONAL INFORMATION REGARDING THE EXISTING UTILITIES PROPOSED FOR RELOCATION AND THE UTILITY CONTACT INFORMATION REFERENCE THE "UTILITY ADJUSTMENT SHEETS" PROVIDED WITHIN THIS CONSTRUCTION SHEET.

- THE CONTRACTOR SHALL MAINTAIN A COPY OF THE APPROVED PLANS AND PERMITS AT THE CONSTRUCTION SITE.
- DURING THE CONSTRUCTION AND/OR MAINTENANCE OF THIS PROJECT, THE CONTRACTOR OR HIS REPRESENTATIVE SHALL BE RESPONSIBLE FOR THE CONTROL AND SAFETY OF THE TRAVELING PUBLIC AND THE SAFETY OF HIS PERSONNEL, LABOR SAFETY REGULATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL MAINTAIN A CURRENT FEDERAL REGISTER OF THE DEPARTMENT OF TRANSPORTATION.
- CONSTRUCTION STAKEOUT SHALL BE ACCOMPLISHED BY THE CONTRACTOR.

GENERAL NOTES (CONTINUED):

- THE CONTRACTOR SHALL ARRANGE FOR AND PAY FOR ALL FIELD TESTS TO MONITOR CONSTRUCTION QUALITY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO COORDINATE ALL REQUIRED FIELD TESTING OPERATIONS. RESULTS OF THE FIELD TESTINGS SHALL BE DISTRIBUTED TO THE TESTING COMPANY TO THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE THE TEST RESULTS TO THE OWNER IN A TIMELY MANNER.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROVIDE ALL CERTIFICATIONS, SHOP DRAWINGS, MATERIALS TESTS, ETC. CALLED FOR OR REQUESTED ON ALL CONSTRUCTION MATERIALS.
- THE ENGINEER WILL HAVE THE AUTHORITY TO DISAPPROVE OR REJECT WORK WHICH IS DEFECTIVE, OR DOES NOT CONFORM TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS, OR DOES NOT MEET THE REQUIREMENTS OF ANY INSPECTION, TEST, OR APPROVAL.
- THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES, ABOVE OR BELOW GROUND, THAT MAY OCCUR AS A RESULT OF THE WORK PERFORMED BY THE CONTRACTOR.

- ALL PRIVATE AND PUBLIC PROPERTY AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN EXISTING CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ADDITIONAL COSTS ARE INCIDENTAL TO OTHER CONSTRUCTION AND NO EXTRA COMPENSATION IS TO BE ALLOWED.
- ANY WASHOUTS, REGRAVING, GRASSING WORK, AND OTHER EROSION WORK REQUIRED, WILL BE PERFORMED BY THE CONTRACTOR AT HIS / HER EXPENSE, UNTIL THE SYSTEM IS ACCEPTED FOR MAINTENANCE, BY THE OWNER AND / OR ENGINEER.
- ALL SODDING SHALL INCLUDE WATERING AND FERTILIZATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THESE AREAS UNTIL THE PROJECT IS COMPLETED AND ACCEPTED BY THE OWNER AND ENGINEER.

- ALL SODDED SLOPES STEEPER THAN 4:1 SHALL BE INSTALLED WITH 500 PEGS.
- THE ENGINEER WILL BE THE INTERPRETER OF THE TERMS AND CONDITIONS OF THE PLANS AND SPECIFICATIONS, AND THE JUDGE OF THE PERFORMANCE THEREOF. IN HIS CAPACITY AS INTERPRETER HE WILL EXERCISE HIS BEST EFFORTS TO OBTAIN FAITHFUL PERFORMANCE BY BOTH THE OWNER AND THE CONTRACTOR.
- NEITHER OBSERVATIONS BY THE ENGINEER NOR INSPECTIONS, TESTS, OR APPROVALS BY OTHER PERSONS SHALL RELIEVE THE CONTRACTOR FROM HIS OBLIGATIONS TO PERFORM THE WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS.
- PRIOR TO MANUFACTURE, THE CONTRACTOR SHALL SUPPLY THE ENGINEER WITH COPIES OF THE SHOP DRAWINGS FOR ALL PRECAST CONCRETE FACILITIES FOR HIS REVIEW AND APPROVAL.

- THE CONTRACTOR SHALL MAINTAIN THE RAW DURING CONSTRUCTION IN A SATISFACTORY MANNER TO PREVENT THE DEPOSITION OF SAND, DUST, ETC. BY WATER OR WIND EROSION ONTO ADJACENT PROPERTIES. EROSION CONTROL MEASURES SHALL BE INSTALLED IN THE PLANS SHALL BE IN PLACE PRIOR TO BEGINNING CONSTRUCTION.
- ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE MAINTAINED AND PROTECTED. THE CONTRACTOR SHOULD NOTIFY THE COUNTY SURVEYOR WITHOUT DELAY BY TELEPHONE.
- THE CONTRACTOR SHALL KEEP THE ENGINEER INFORMED OF ALL THREE WORKING DAYS IN ADVANCE OF THE BEGINNING OF ALL CONSTRUCTION PHASES, INCLUDING, BUT NOT LIMITED TO, CLEARING-AND-GRUBBING, EARTHWORK, STORM-DRAINAGE, SUBGRADE PREPARATION, BASE CONSTRUCTION, AND GRASSING.

- CLEARING AND GRUBBING:
 - CLEARING AND GRUBBING FOR PURPOSES OF THE PROJECT DESCRIBED HEREIN SHALL BE IN ACCORDANCE WITH SECTION 10 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION"
 - ALL MATERIALS, DEBRIS, UNSUITABLE EARTH, ETC. OF NO SALVAGE VALUE SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF BY THE CONTRACTOR IN A LEGAL MANNER.
 - ANY CLEAR FILL REMOVED DURING CLEARING AND GRUBBING SHALL BE STOCKPILED AT A SITE DESIGNATED BY THE OWNER UNLESS OTHERWISE DIRECTED BY THE OWNER.
 - NO DEBRIS OR OTHER UNSUITABLE MATERIALS SHALL BE DISPOSED OF WITHIN THE RIGHT-OF-WAY.
 - NO BURNING WITHIN THE PROJECT RAW SHALL BE PERMITTED.
 - THE CONTRACTOR IS TO OBTAIN ALL NECESSARY PERMITS FOR REMOVING ANY EXISTING STRUCTURES.

- CLEARING AND GRUBBING:
 - CLEARING AND GRUBBING FOR PURPOSES OF THE PROJECT DESCRIBED HEREIN SHALL BE IN ACCORDANCE WITH SECTION 10 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION"
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 - ANY CLEAR FILL REMOVED DURING CLEARING AND GRUBBING SHALL BE STOCKPILED AT A SITE DESIGNATED BY THE OWNER UNLESS OTHERWISE DIRECTED BY THE OWNER.
 - NO DEBRIS OR OTHER UNSUITABLE MATERIALS SHALL BE DISPOSED OF WITHIN THE RIGHT-OF-WAY.
 - NO BURNING WITHIN THE PROJECT RAW SHALL BE PERMITTED.
 - THE CONTRACTOR IS TO OBTAIN ALL NECESSARY PERMITS FOR REMOVING ANY EXISTING STRUCTURES.

- EXISTING PAVEMENT SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AT HIS EXPENSE. THE CONTRACTOR MAY (AT HIS OPTION) USE EXISTING LIMEROCK BASE MATERIAL AS A STABILIZING ADDITIVE TO THE SUBBASE. AT NO TIME WILL EXISTING BASE MATERIAL BE INCORPORATED WITHIN THE NEW BASE.
- ASPHALT PAVING
 - ALL ROADWAY SURFACES SHALL BE CLEAN AND DRY PRIOR TO AND DURING PLACEMENT OF ASPHALT.
 - PRIME AND TACK COAT SURFACES SHALL BE INCLUDED IN THE CONTRACTORS BID PRICE FOR THE OPTIONAL BASE OR PAVEMENT COURSE AS REQUIRED.

- BACKFILL MATERIAL SHALL BE SOLIDLY TAMPED AROUND PIPES IN 6" LAYERS UP TO A LEVEL OF AT LEAST ONE FOOT ABOVE THE TOP OF THE PIPE. IN AREAS TO BE PAVED, BACK FILL SHALL BE COMPACTED TO 100% MAXIMUM DENSITY AS DETERMINED BY A.A.S.H.T.O. T-99.
- MISCELLANEOUS CONCRETE, FURNISHED AND INSTALLED BY THE CONTRACTOR SHALL HAVE A COMPRESSIVE STRENGTH OF AT LEAST 3,000 P.S.I. IN 28 DAYS, UNLESS OTHERWISE NOTED.

- IN THE EVENT UNSUITABLE MATERIAL IS ENCOUNTERED DURING EXCAVATION IT IS TO BE REMOVED FROM THE ROAD BED IN ACCORDANCE WITH FOOT INDEX NO. 305 OF THE DESIGN STANDARDS.
- THE CONTRACTOR SHALL NOT ENTER UPON OR IN ANY WAY ALTER THE WETLAND/CONSERVATION AREAS THAT MAY BE ADJACENT TO RIGHT OF WAY. ALL CONSTRUCTION WORK SHALL BE IN COMPLIANCE WITH THE ENVIRONMENTAL REGULATIONS AND/OR PERMITS FOR THE PROJECT AREA. THE CONTRACTOR SHALL HAVE A DRAINAGE PLAN AND A DRAINAGE PLAN TO BE MAINTAINED IN REGULATION OR PERMIT CONDITION.
- ALL EXISTING WELLS ENCOUNTERED DURING CONSTRUCTIONS SHALL BE PLUGGED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE GOVERNING WATER MANAGEMENT DISTRICT.

- THE SEDIMENT CONTROL / EROSION CONTROL MEASURES OUTLINED WITHIN THE CONSTRUCTION DRAWINGS ARE CONSIDERED TO BE THE MINIMUM REQUIREMENTS FOR PREVENTING SEDIMENT FROM LEAVING THE PROJECT SITE ONTO ADJACENT PROPERTIES IN ACCORDANCE WITH THE EROSION AND SEDIMENT CONTROL MANUAL LATEST EDITION. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO MAINTAIN ALL THE SEDIMENT / EROSION CONTROL MEASURES TO PREVENT SEDIMENT FROM LEAVING THE PROJECT SITE AS REQUIRED. COSTS FOR ADDITIONAL MEASURES SHALL BE APPROVED IN ADVANCE BY THE OWNER AND COVERED UNDER THE UNIT COSTS FOR:
 - 10430-3 SEDIMENT BARRIER, 10418 INLET PROTECTION SYSTEM, 1204 EXCAVATION, 10430-3 SEDIMENT BARRIER, 10418 INLET PROTECTION SYSTEM, 1204 EXCAVATION.
 - A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) SHALL BE COMPLETED BY THE OWNER PRIOR TO THE SUBMITTAL OF THE SHOP DRAWINGS FOR ALL PRECAST GENERAL PERMIT FOR STORM WATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES. SEE PAY ITEM NOTE FOR 1000-T WIDES PERMITTING.

- CONTRACTOR TO SCHEDULE A PRE-CONSTRUCTION MEETING FIVE (5) BUSINESS DAYS PRIOR TO THE START OF CONSTRUCTION. A DRW INSPECTOR MUST ATTEND THE PRE-CONSTRUCTION MEETING.
- CONTRACTOR TO NOTIFY DRW INSPECTOR 48 HOURS PRIOR TO CONSTRUCTION IN THE COUNTY RIGHT OF WAY.
- DRW INSPECTOR MUST BE PRESENT FOR ALL PAVING OF RIGHT OF WAYS AND INSPECT PRIOR TO POURING CONCRETE SIDEWALKS.

- A RIGHT OF WAY USE PERMIT IS REQUIRED FOR ANY WORK IN COUNTY RIGHT OF WAY, INCLUDING CONSTRUCTION ENTRANCES.
- CONTRACTOR SHALL PROVIDE 24 HOUR ADVANCE NOTICE TO LOCAL EMERGENCY SERVICE DEPARTMENT'S WHENEVER CONSTRUCTION ACTIVITIES ARE EXPECTED TO IMPEDE NORMAL TRAFFIC FLOW.

TRAFFIC CONTROL NOTES:

- THE CONTRACTOR SHALL PROVIDE A TEMPORARY TRAFFIC CONTROL PLAN AND TRAFFIC CONTROL DEVICES TO BE INSTALLED AND MAINTAINED BY THE CONTRACTOR AND LICENSED FLORIDA PROFESSIONAL ENGINEER WHO IS EXPERIENCED IN TRAFFIC CONTROL PLANS AND WHO IS CERTIFIED PER FOOT PROCEDURE, TOPIC NO. 625-000-00. THE CONTRACTOR SHALL NOT OCCUPY THIS TEMPORARY TRAFFIC CONTROL PLAN.
- AREAS REQUIRING MAINTENANCE OF TRAFFIC INCLUDE THE FOLLOWING:
 - TRAFFIC AT INTERSECTION OF:
 - SCHOOL DRIVEWAYS
 - TILLEY ROAD
 - IF LANE CLOSURES ARE NECESSARY, THEY SHALL BE PERFORMED BETWEEN 9:30 AM AND 3:30 PM DAILY, NO OTHER RESTRICTIONS APPLY. THE APPLICANT MUST NOTIFY THE FLORIDA DEPARTMENT OF TRANSPORTATION LOCAL MAINTENANCE OFFICE 48 HOURS IN ADVANCE OF STARTING PROPOSED WORK. CALL FOOT DISTRICT 7 MAINTENANCE, LANCE GRACE @ (813) 975-4264.
 - FOR WORK WITHIN THE RIGHT-OF-WAY, THE FOOT REQUIRES DOCUMENTATION FOR SUCCESSFUL COMPLETION OF AN APPROVED WORK ZONE TRAFFIC CONTROL TRAINING COURSE FOR THE AGENCY, UTILITY, OR CONTRACTOR EMPLOYER(S) AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE APPROVED WORK ZONE TRAFFIC PLAN IN ACCORDANCE WITH DEPARTMENT PROCEDURE, TOPIC NO. 625-000-00. DOCUMENTATION IS TO BE FURNISHED TO THE DEPARTMENT AT THE PER-CONSTRUCTION MEETING OR BEFORE OCCUPYING STATE RIGHT-OF-WAY.
 - MAINTENANCE OF TRAFFIC PLAN FOR WORK ZONES SHALL BE IN CONFORMANCE WITH ALL APPLICABLE INDICES OF THE FOOT DESIGN STANDARDS INDEX 600 SERIES ACCORDING TO THE TYPE OF ROADWAY AND TYPE OF WORK BEING PERFORMED.
- THE TRAFFIC CONTROL PLANS SHALL STATE THE POSTED SPEED (45) AND THE TRAFFIC CONTROL PLAN SHALL STATE THE POSTED SPEED (45) TO BE MAINTAINED DURING CONSTRUCTION, PER FOOT STANDARD PLANS 102-600.

UTILITY CONTACT INFORMATION:

- DAVID BARRISH HENRY KLOBUCHAR
 CHARTER COMMUNICATIONS ZAYO GROUP / FORMERLY LIGHTWAVE, LLC
 2850 S. LECANTO HIGHWAY 130 N MAIN ST
 (352) 302-3190 (406) 486-6310
- ALAN TURNER ALAN TURNER
 AT&T DISTRIBUTION HERMANDO COUNTY UTILITIES DEPARTMENT
 WEST PALM BEACH, FL 33401 BROOKSVILLE, FL 34601
 (561) 683-2729 (352) 540-6219
- DON TALLBERG RIVER ELECTRIC COOPERATIVE
 10005 CORTEZ BLVD. 10005 CORTEZ BLVD.
 WEEKI WACHEE, FL 34613 (352) 596-4000

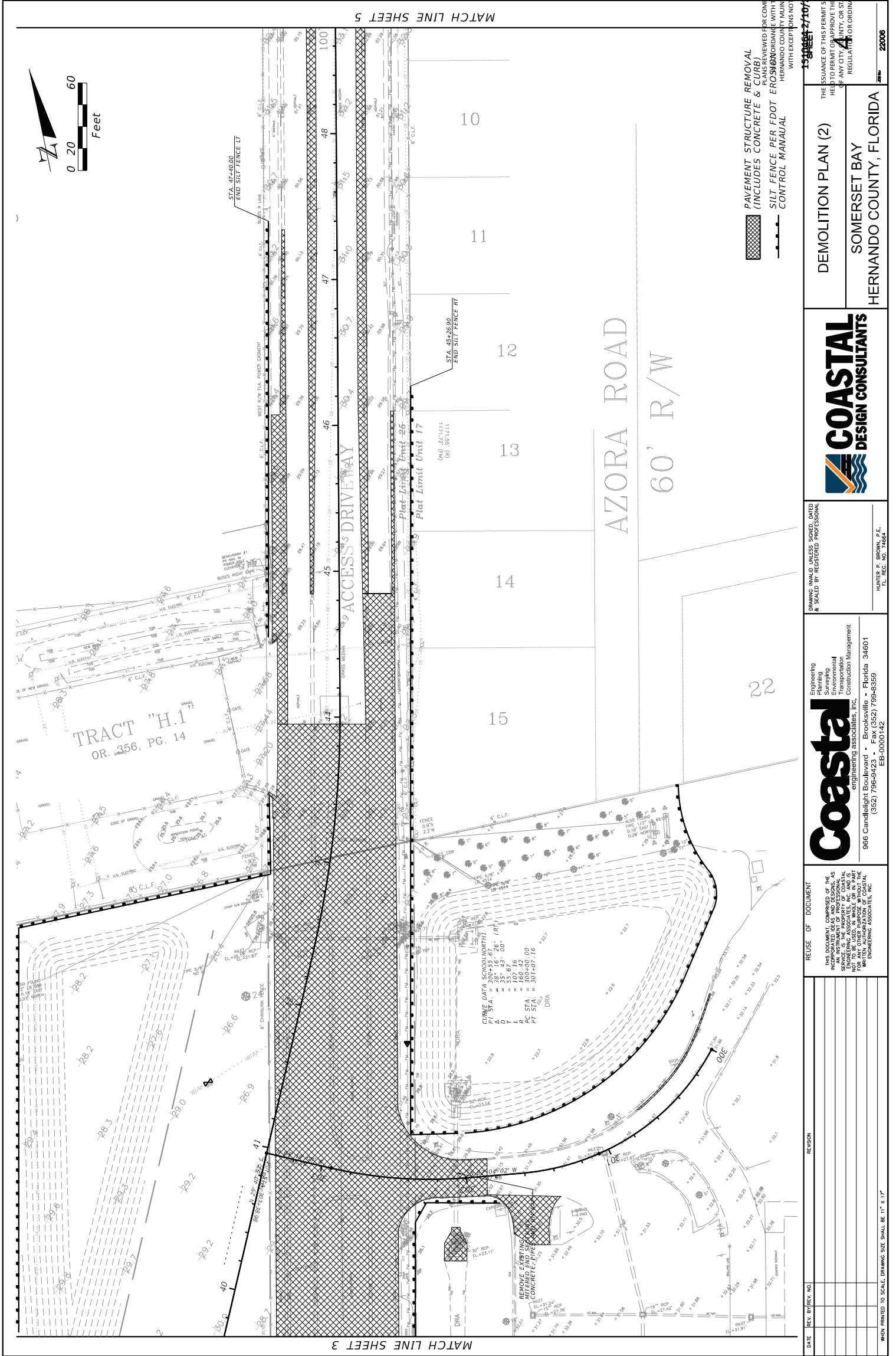
DEWATERING PLAN / NOTES:

THE CONTRACTOR SHALL IMPLEMENT THE FOLLOWING GUIDELINES WHEN CONSTRUCTION ACTIVITIES REQUIRE DEWATERING:

- DEWATERING ACTIVITIES SHALL BE CONTAINED WITHIN THE PROJECT AREA.
- THE PROPOSED DRAINAGE RETENTION AREAS CAN BE USED AS TEMPORARY SETTLING AREAS FOR DEWATERING ACTIVITIES. THE PROPOSED DRAINAGE RETENTION AREAS SHALL BE CONSTRUCTED TO A SUFFICIENT SIZE AND DEPTH TO RECEIVE WATER FROM THE PROPOSED DRAINAGE AREAS. THE PROPOSED DRAINAGE RETENTION AREA APPROACHES 6-INCHES OF THE PROPOSED FOND-TOP-OF-BANK. DEWATERING ACTIVITIES SHALL STOP UNTIL THE RETENTION VOLUME HAS RECOVERED.
- SHEET PILE WALLS, SLURRY WALLS, OR OTHER MEANS OF LIMITING THE EXTENT OF THE WATER TABLE DIMINUTION, BEYOND THE PROJECT AREA, SHALL BE IMPLEMENTED.
- WATER DISCHARGE FROM SETTLING AREAS SHALL BE CLEAN AND FREE OF ANY SILT. SILT BARRIERS (I.E. SILT FENCE, HAY BALES, ROCK BAGS OR ANY COMBINATION THEREOF) SHALL BE INSTALLED AND MAINTAINED UNTIL ALL DEWATERING ACTIVITIES ARE COMPLETE.
- AT NO TIME SHALL DISCHARGE FROM THE DEWATERING ACTIVITIES BE DIRECTED IN A MANNER THAT WOULD IMPACT AN EXISTING WETLAND, LAKE OR RIVER.
- DEWATERING ACTIVITIES SHALL BE LIMITED TO TIME PERIODS THAT CONSTRUCTION EQUIPMENT IS REQUIRED DEWATERING. ALL IMPLEMENTED DEWATERING INFRASTRUCTURE, EQUIPMENT, ETC. SHALL BE REMOVED UPON COMPLETION OF CONSTRUCTION.

PLANS REVIEWED FOR COMPLIANCE IN ACCORDANCE WITH THE HERMANDO COUNTY MUNICIDAL WITH EXCEPTIONS NOTED

| | |
|---|--------------------|
| <p>15-000000-27-00716</p> | |
| <p>GENERAL NOTES</p> | |
| <p>THE ISSUANCE OF THIS PERMIT SHALL NOT BE THE BASIS FOR ANY LIABILITY ON THE PART OF HERNANDO COUNTY OR STATELAW, REGULATORY OR ORDINANCE</p> | |
| <p>EXPLOER BOULEVARD HERNANDO COUNTY, FLORIDA</p> | |
| <p>22005</p> | |
| <p>COASTAL DESIGN CONSULTANTS</p> | |
| <p>ENGINEERING PLANNING SURVEYING ENVIRONMENTAL CONSTRUCTION MANAGEMENT</p> | |
| <p>HAYTER P. BROWN, P.E. FL. REG. NO. 71664</p> | |
| <p>966 Candleright Boulevard • Brooksville • Florida 34601 (352) 796-9423 • Fax (352) 799-8359 EB-0000142</p> | |
| DATE | REV. BY / REV. NO. |
| | REVISION |
| | REUSE OF DOCUMENT |
| <p>THIS DOCUMENT, COVERED BY THE PROFESSIONAL ENGINEER'S SEAL, IS AN INSTRUMENT OF PROFESSIONAL SERVICE. IT IS THE PROPERTY OF COASTAL DESIGN CONSULTANTS, INC. AND IS TO BE USED ONLY FOR THE PART FOR WHICH IT WAS PREPARED. ANY PARTIAL REUSE OR ALTERATION WITHOUT THE AUTHORIZATION OF COASTAL DESIGN CONSULTANTS, INC. IS PROHIBITED.</p> | |



DEMOLITION PLAN (2)
SOMERSET BAY
HERNANDO COUNTY, FLORIDA



Engineering
Planning
Surveying
Environmental
Construction Management
engineering associates, inc.
966 Canallight Boulevard • Brooksville • Florida 34601
(352) 796-9423 • Fax (352) 796-8359
EB-0000142

DRAWING SHALL UNLESS SPECIFIED, DATED & SEALED BY REGISTERED PROFESSIONAL ENGINEER
HUNTER P. BROWN, P.E.
FL. REG. NO. 74664

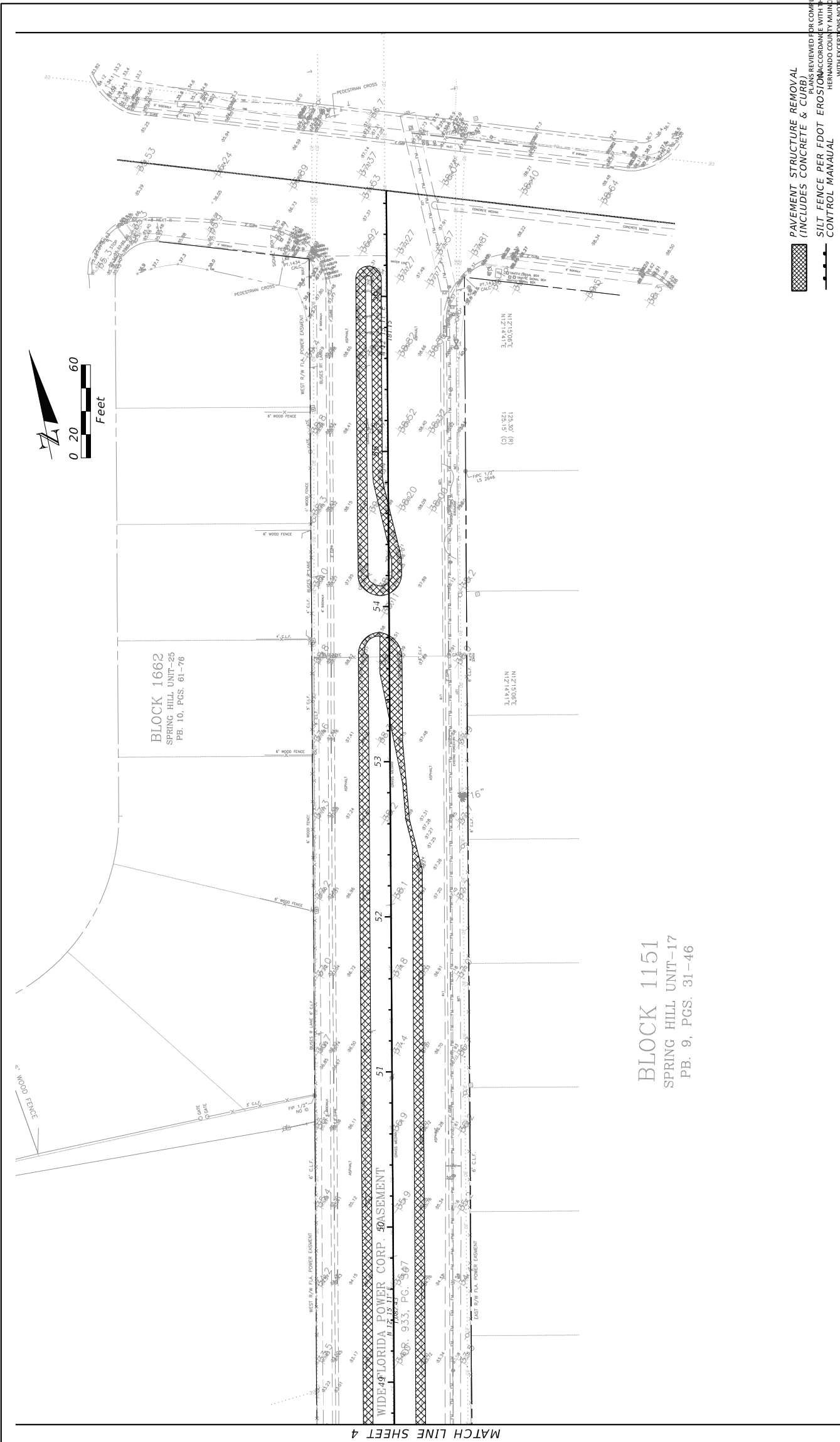
REUSE OF DOCUMENT
THIS DOCUMENT, COMPREHENSIVE OF THE PROJECT, IS THE PROPERTY OF COASTAL DESIGN CONSULTANTS, INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN AUTHORIZATION OF COASTAL DESIGN CONSULTANTS, INC.

| DATE | REV. BY | REV. NO. | REVISION |
|------|---------|----------|----------|
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| | | | |
| | | | |

WHEN PRINTED TO SCALE, DRAWING SIZE SHALL BE 11" x 17"

22006

MATCH LINE SHEET 4



BLOCK 1151
 SPRING HILL UNIT-17
 PB. 9, PGS. 31-46

PAVEMENT STRUCTURE REMOVAL
 (INCLUDES CONCRETE & CURB)
 SILT FENCE PER FDOT EROSION CONTROL MANUAL
 WITH EXCEPTIONS NOTED

15-0001-27-0776
 THE ISSUANCE OF THIS PERMIT SHALL NOT BE
 CONSIDERED AN ENDORSEMENT OR GUARANTEE
 BY THE COUNTY OF THE ACCURACY OR RELIANCE
 OF ANY CITY, COUNTY, OR STATE REGULATION
 OR ORDINANCE

DEMOLITION PLAN (3)
 SOMERSET BAY
 HERNANDO COUNTY, FLORIDA



DRAWING INVALID UNLESS SIGNED, DATED
 & SEALED BY REGISTERED PROFESSIONAL

Engineering
 Planning
 Surveying
 Environmental
 Construction Management
Coastal
 engineering associates, inc.
 966 Canalelight Boulevard • Brooksville • Florida 34601
 (352) 796-9423 • Fax (352) 799-8359
 EB-0000142

REUSE OF DOCUMENT
 THIS DOCUMENT, COMPRSED OF THE
 AN INSTRUMENT OF PROFESSIONAL
 ENGINEERING ASSOCIATES, INC. AND IS
 NOT TO BE REUSED IN ANY PART
 WITHOUT AUTHORIZATION OF COASTAL
 ENGINEERING ASSOCIATES, INC.

| DATE | REV. BY | REV. NO. | REVISION |
|------|---------|----------|----------|
| | | | |
| | | | |
| | | | |
| | | | |

WHEN PRINTED TO SCALE, DRAWING SIZE SHALL BE 11" X 17"

22006

PROJECT CENTERLINE GEOMETRY

Chain CENTERLINE contains:
100 CUR CENTERLINE1 101 CUR CENTERLINE2 CUR CENTERLINE3 102 103
Beginning chain CENTERLINE description
Point 100 N 1,508,922.17 E 477,058.35 Sta 10+00.00
Course from 100 to PC CENTERLINE1 N 24° 29' 31.72" E Dist 1,196.22
Curve CENTERLINE1
P.I. Station 24+18.49 N 1,510,213.02 E 477,646.41
Delta = 12° 10' 52.77" (LT)
Degree = 2° 45' 02.30"

PROJECT CENTERLINE GEOMETRY CONTINUED

Course from 102 to 103 N 12° 15' 10.72" E Dist 181.15
Point 103 N 1,513,343.57 E 478,482.01 Sta 56+661.15
Ending chain CENTERLINE description
Curve CENTERLINE2
P.I. Station 36+74.04 N 1,511,441.31 E 477,914.60
Delta = 13° 21' 35.29" (RT)
Degree = 2° 45' 02.30"

SCHOOL SOUTH ENTRANCE CENTERLINE GEOMETRY

Chain SCHOOL SOUTH contains:
600 601
Beginning chain SCHOOL SOUTH description
Point 600 N 1,510,401.71 E 478,158.68 Sta 10+00.00
Course from 600 to 601 N 77° 41' 21.06" W Dist 458.13
Point 601 N 1,510,509.39 E 477,711.09 Sta 144+581.13
Ending chain SCHOOL SOUTH description

SCHOOL NORTH ENTRANCE CENTERLINE GEOMETRY

Chain SCHOOL NORTH contains:
CUR SCHOOLNORTH CUR SCHOOLNORTH2 CUR SCHOOLNORTH3 403
Beginning chain SCHOOLNORTH description
Curve SCHOOLNORTH1
P.I. Station 300+45.67 N 1,511,784.04 E 478,375.45
Delta = 38° 18' 26.07" (RT)
Degree = 35° 42' 39.58"

Curve CENTERLINE2
P.I. Station 101 N 1,510,736.88 E 477,760.74 Sta 29+53.00
Course from 101 to PC CENTERLINE2 N 12° 19' 16.46" E Dist 477.09
Curve Data
Curve CENTERLINE3
P.I. Station 43+21.05 N 1,512,026.41 E 478,195.95
Delta = 13° 25' 41.03" (LT)
Degree = 8° 00' 07.93"

Curve SCHOOLNORTH2
P.I. Station 302+47.41 N 1,511,783.62 E 478,181.65
Delta = 17° 44' 54.24" (RT)
Degree = 19° 03' 33.72"

Curve SCHOOLNORTH3
P.I. Station 302+83.60 N 1,511,803.96 E 478,139.35
Delta = 82° 04' 02.49" W
Degree = N 64° 19' 08.23" W

Curve SCHOOLNORTH1
P.I. Station 300+45.67 N 1,511,784.04 E 478,375.45
Delta = 38° 18' 26.07" (RT)
Degree = 35° 42' 39.58"

Point 102 N 1,513,166.55 E 478,443.56 Sta 54+87.00
Course from PT CENTERLINE3 to 102 N 12° 15' 10.72" E Dist 1,082.43
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DATE REV. BY REV. NO.

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HERNANDO COUNTY, FLORIDA
DRAWING NO. 27-10716
2005

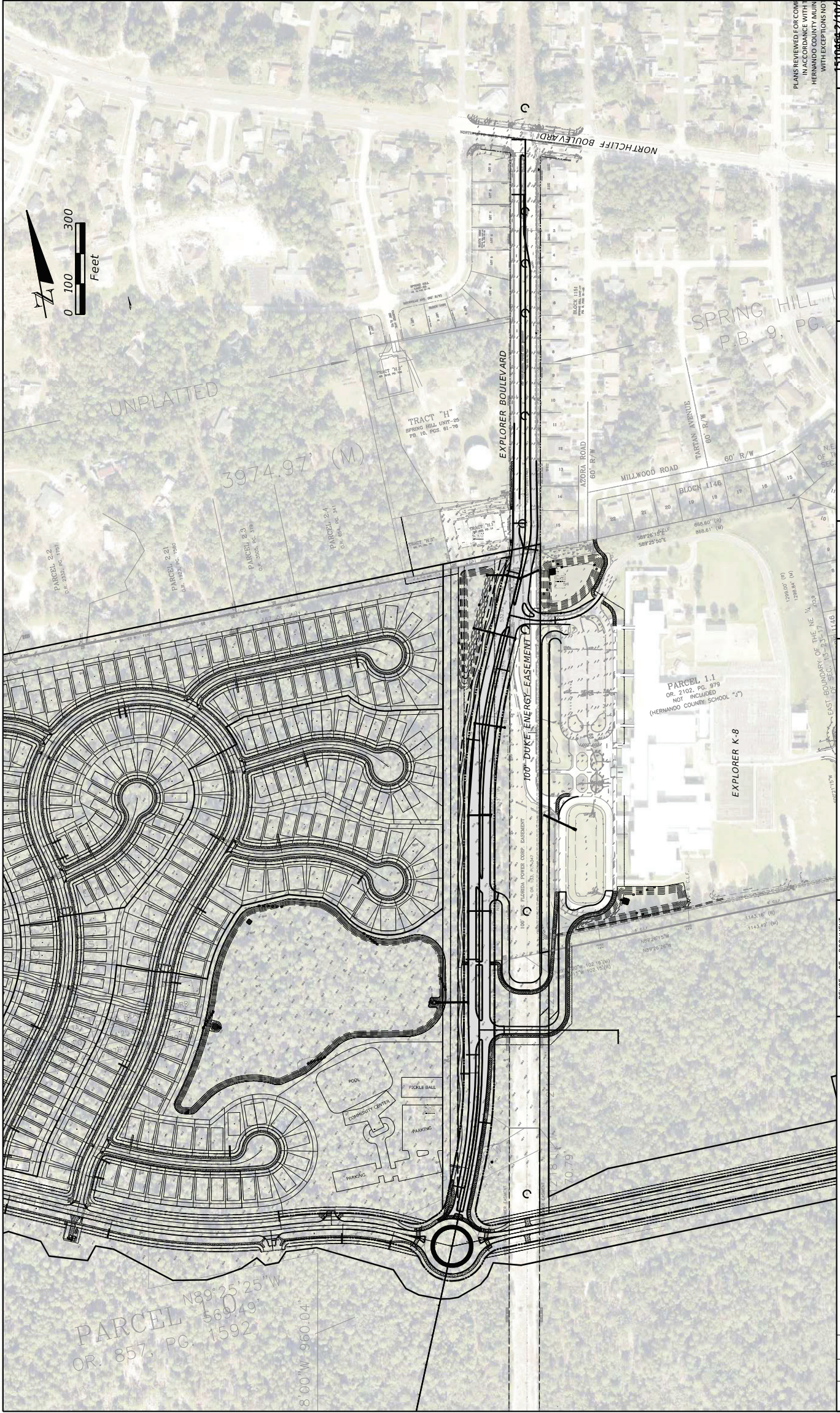
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PLANS REVIEWED FOR COMPLIANCE
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15-000007-27-10776

OVERALL SITE PLAN

SOMERSET BAY
HERNANDO COUNTY, FLORIDA



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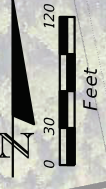
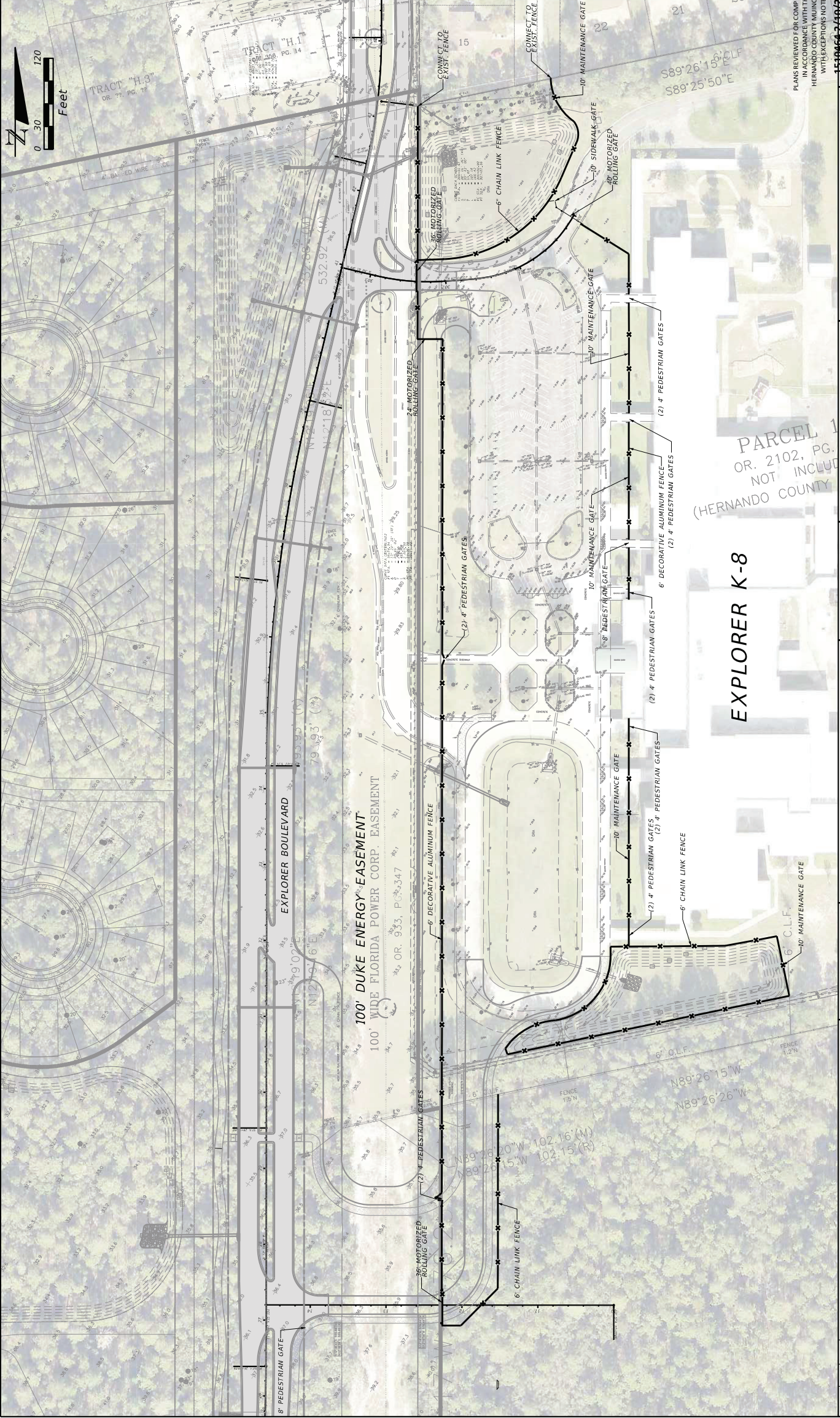
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OVERALL FENCE PLAN
SOMERSET BAY
HERNANDO COUNTY, FLORIDA



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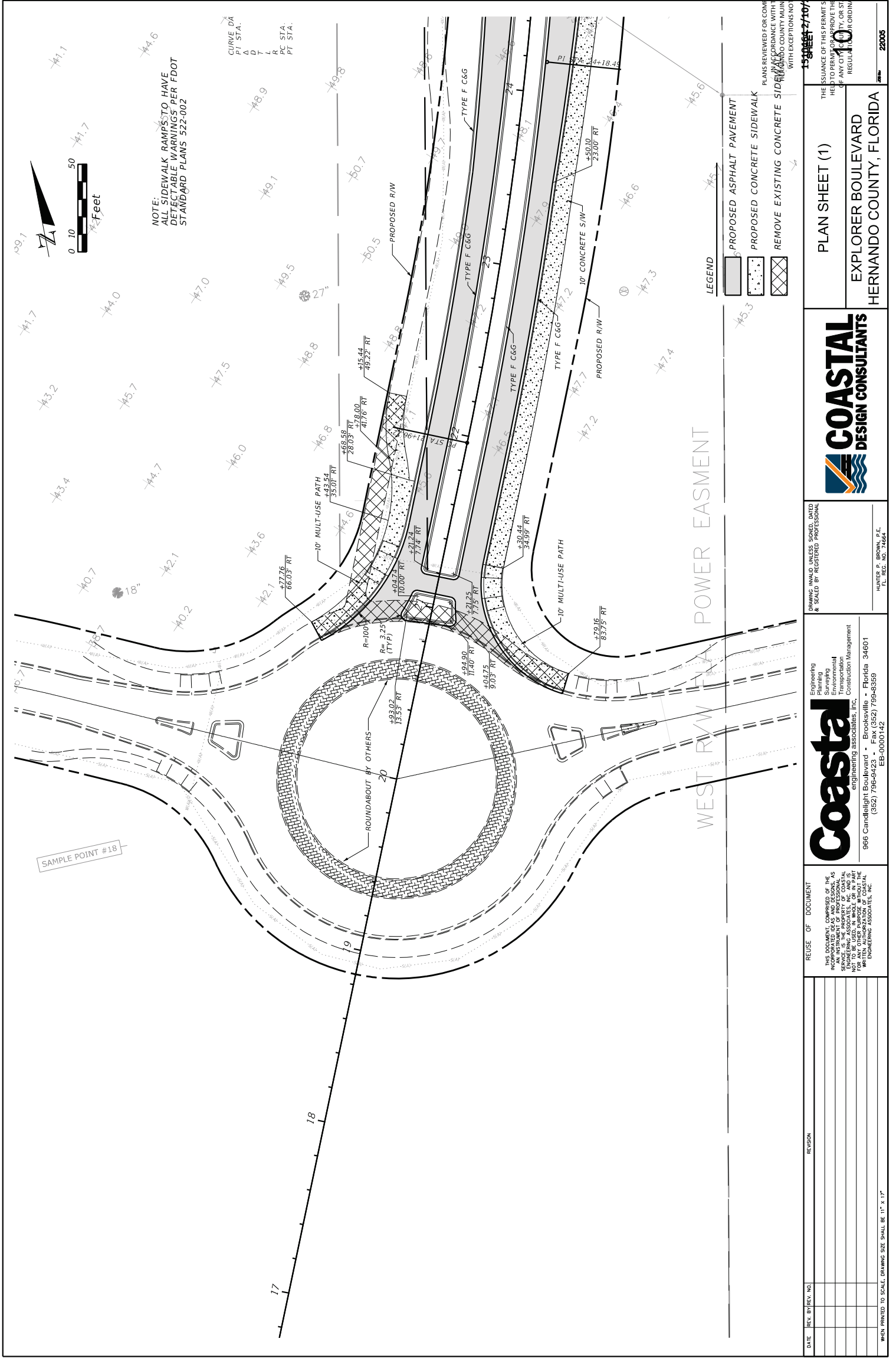
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EXPLORER K-8

PARCEL 1
OR. 2102, PG.
NOT INCLUDED
(HERNANDO COUNTY)



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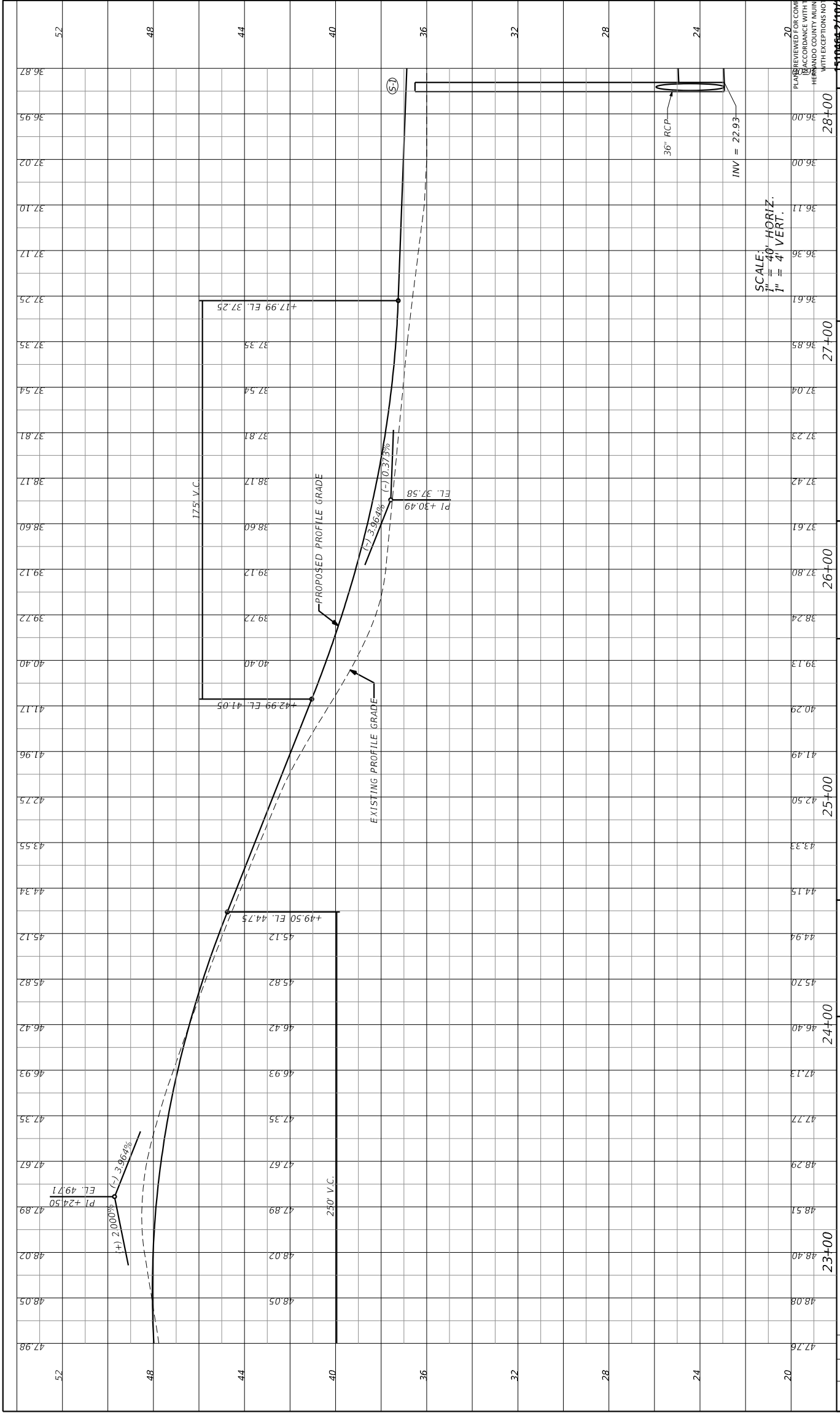
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 & SEALED BY REGISTERED PROFESSIONAL

HUNTER P. BROWN, P.E.
 FL. REG. NO. 74664

PLAN SHEET (1)
 EXPLORER BOULEVARD
 HERNANDO COUNTY, FLORIDA

2005



PROFILE SHEET (2)
EXPLORER BOULEVARD
HERNANDO COUNTY, FLORIDA

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2005

PLANS REVIEWED FOR COMPLIANCE WITH THE REQUIREMENTS OF THE HERNANDO COUNTY MAINTENANCE WITH EXCEPTIONS NOTED

SCALE: 1" = 40' HORIZ.
1" = 4' VERT.

36" RCP
INV = 22.93

5' WIDE

175' V.C.

230' V.C.

PI +30.49
EL. 37.58

PI +24.50
EL. 49.71

PI +95.00
EL. 44.75

PI +42.99
EL. 41.05

PI +17.99
EL. 37.25

20

24

28

32

36

40

44

48

52

23+00

24+00

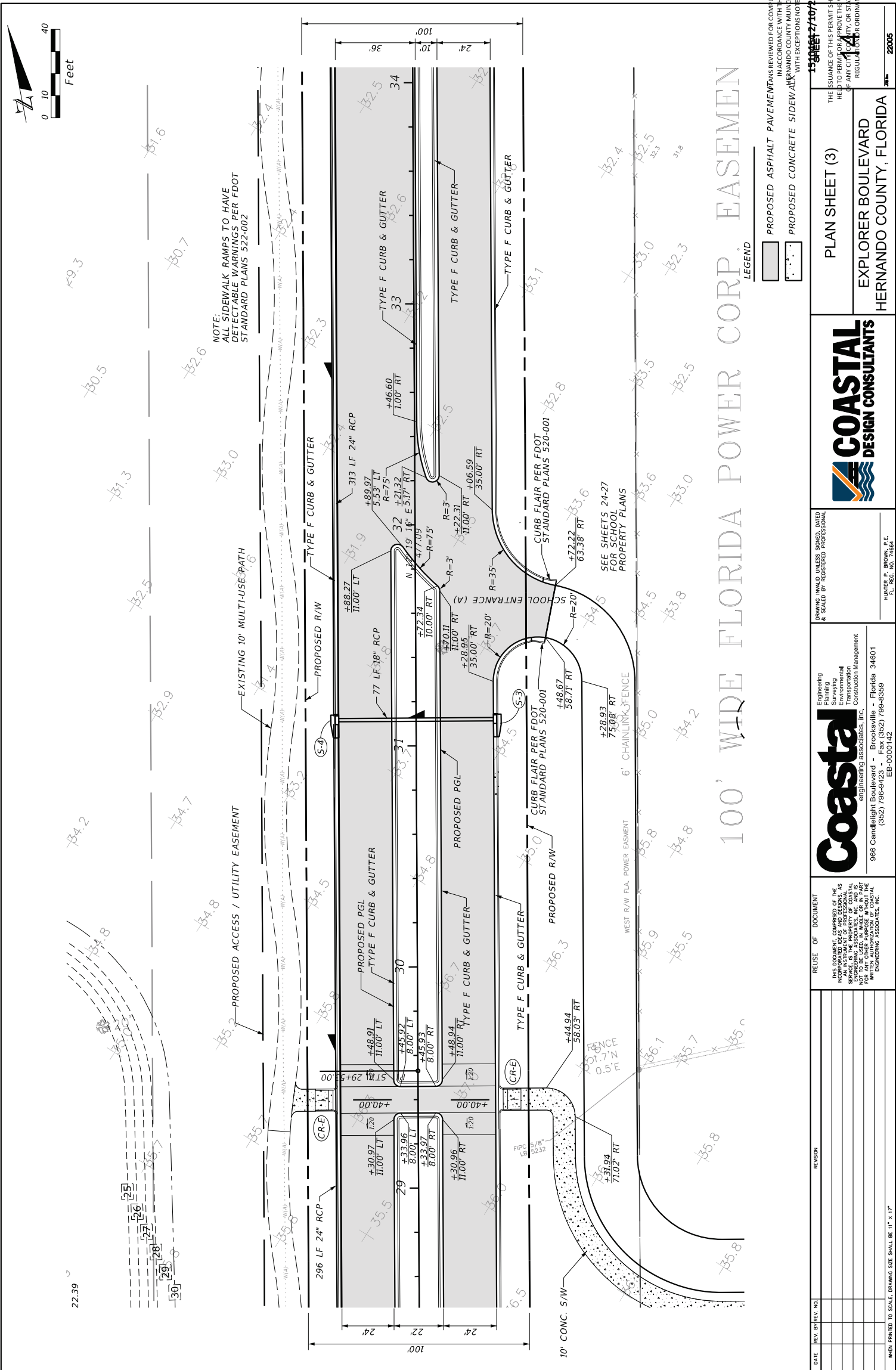
25+00

26+00

27+00

28+00

15 SHEET 7-10776



NOTE:
ALL SIDEWALK RAMPS TO HAVE
DETECTABLE WARNINGS PER FOOT
STANDARD PLANS 522-002

PROPOSED ASPHALT PAVEMENTS REVIEWED FOR COMPLIANCE
IN ACCORDANCE WITH THE
HERNANDO COUNTY MUNICIPAL
ORDINANCE WITH EXCEPTIONS NOTED

15 SHEET 27/0776
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CONTAINED HEREIN OR ORDINANCE

PLAN SHEET (3)
EXPLORER BOULEVARD
HERNANDO COUNTY, FLORIDA



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& SEALED BY REGISTERED PROFESSIONAL

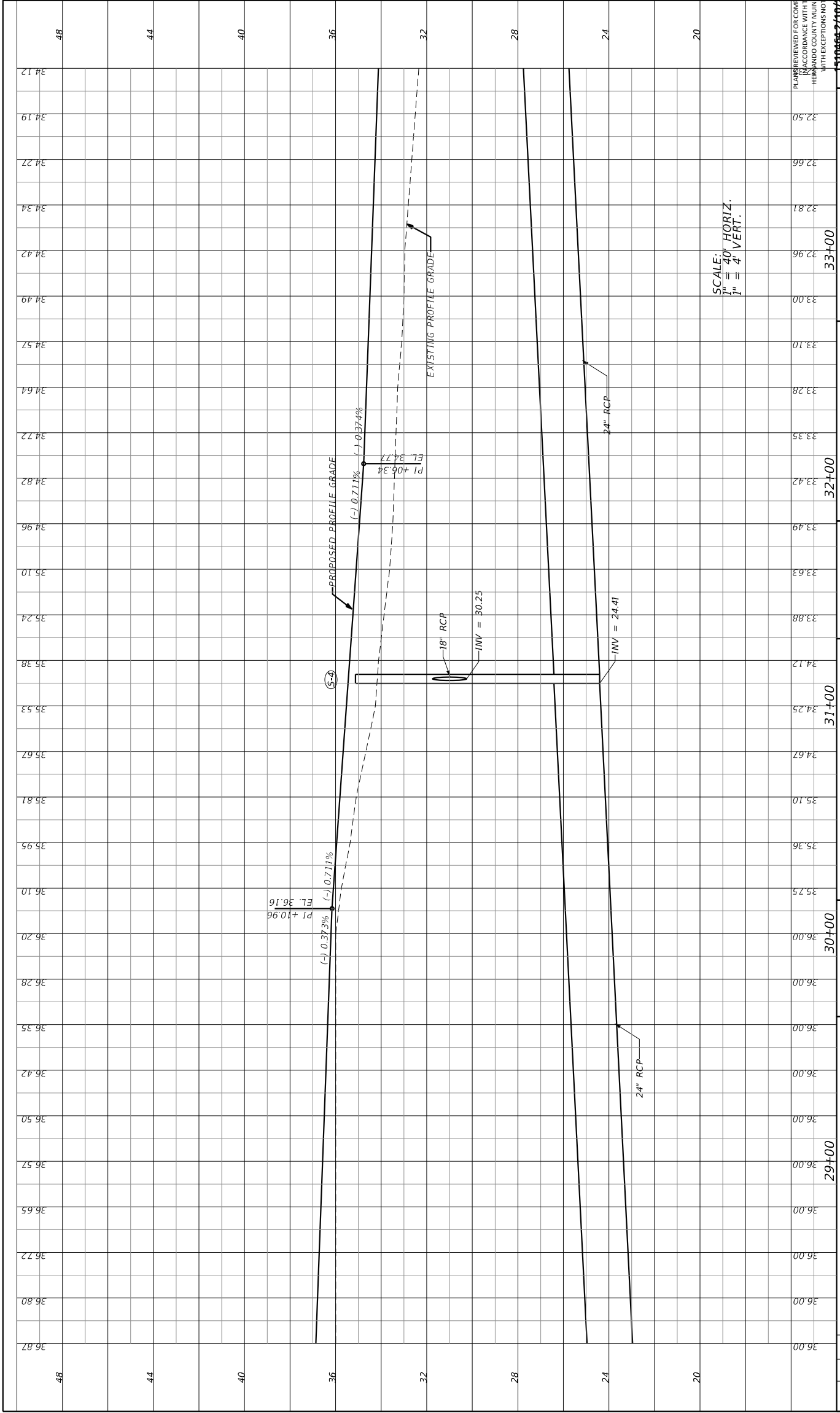
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HUNTER P. BROWN, P.E.
 FL. REG. NO. 71664

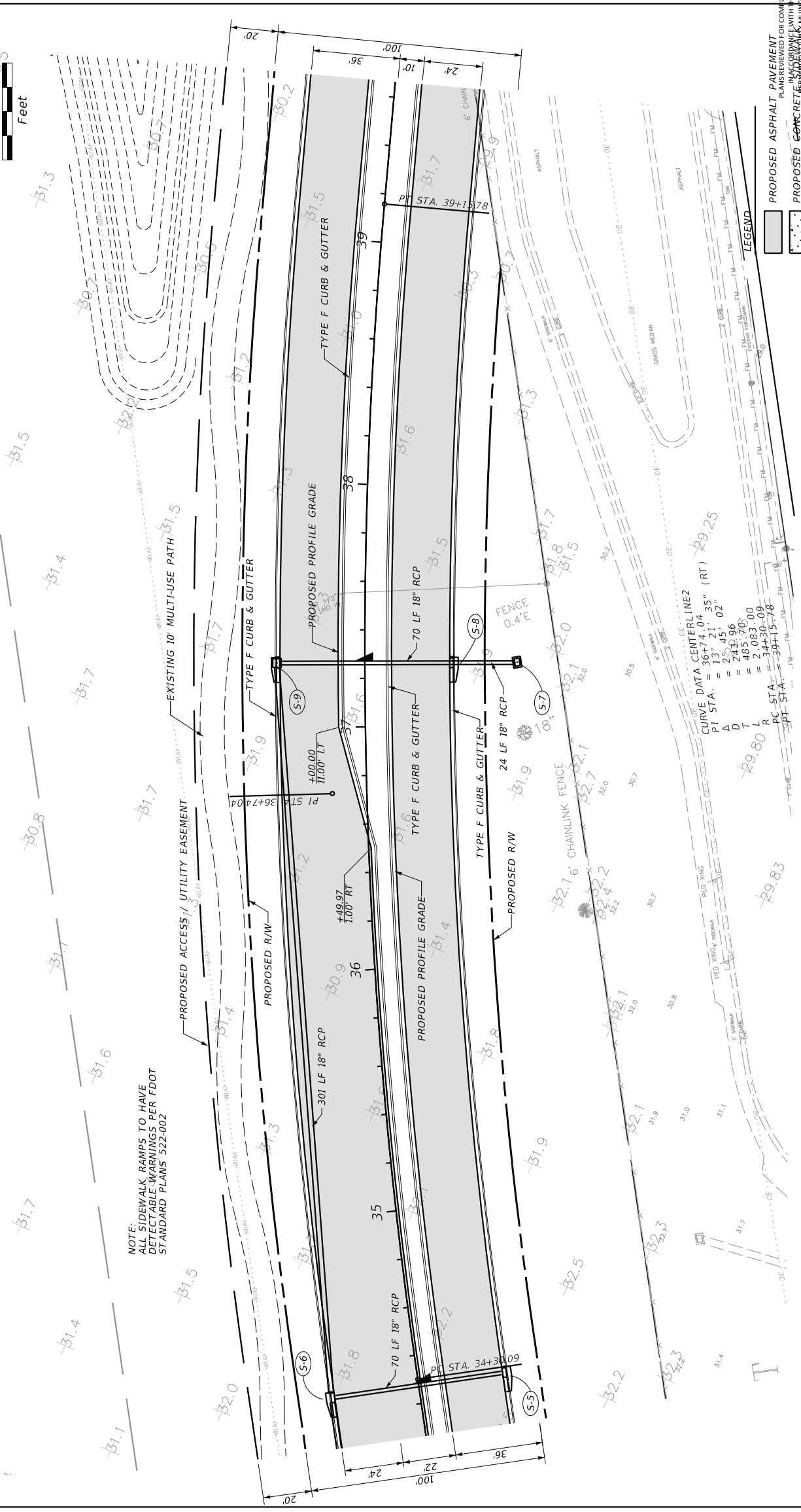
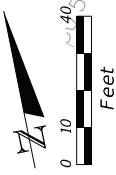
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PROFILE SHEET (3)
 EXPLORER BOULEVARD
 HERNANDO COUNTY, FLORIDA

PLANS REVIEWED FOR COMPLIANCE WITH THE HERNANDO COUNTY MAINTENANCE WITH EXCEPTIONS NOTED
 15-000007-10776

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22005



NOTE:
ALL SIDEWALK RAMPS TO HAVE
DETECTABLE WARNINGS PER FDOT
STANDARD PLANS 522-002

PROPOSED ASPHALT PAVEMENT
PROPOSED CONCRETE CURB & GUTTER

PROPOSED ASPHALT PAVEMENT
PROPOSED CONCRETE CURB & GUTTER

LEGEND

PROPOSED ASPHALT PAVEMENT
PROPOSED CONCRETE CURB & GUTTER

CURVE DATA CENTERLINE 2
 CURVE DATA 36+74.04 35' (RT) 29.25
 PI STA. = 13+21.02"
 Δ = 24.45
 D T = 243.96
 L = 485.70
 PC STA. = 34+30.09
 PT STA. = 39+15.78

15 SHEET 27/0776
 THE ESSENCE OF THE PERMIT SHALL NOT BE
 THE BASIS FOR ANY OTHER PERMITTING
 REQUIREMENTS OR REGULATIONS
 IN ACCORDANCE WITH THE
 HERNANDO COUNTY MAINTENANCE
 WITH EXCEPTIONS NOTED

PLAN SHEET (4)
 EXPLORER BOULEVARD
 HERNANDO COUNTY, FLORIDA



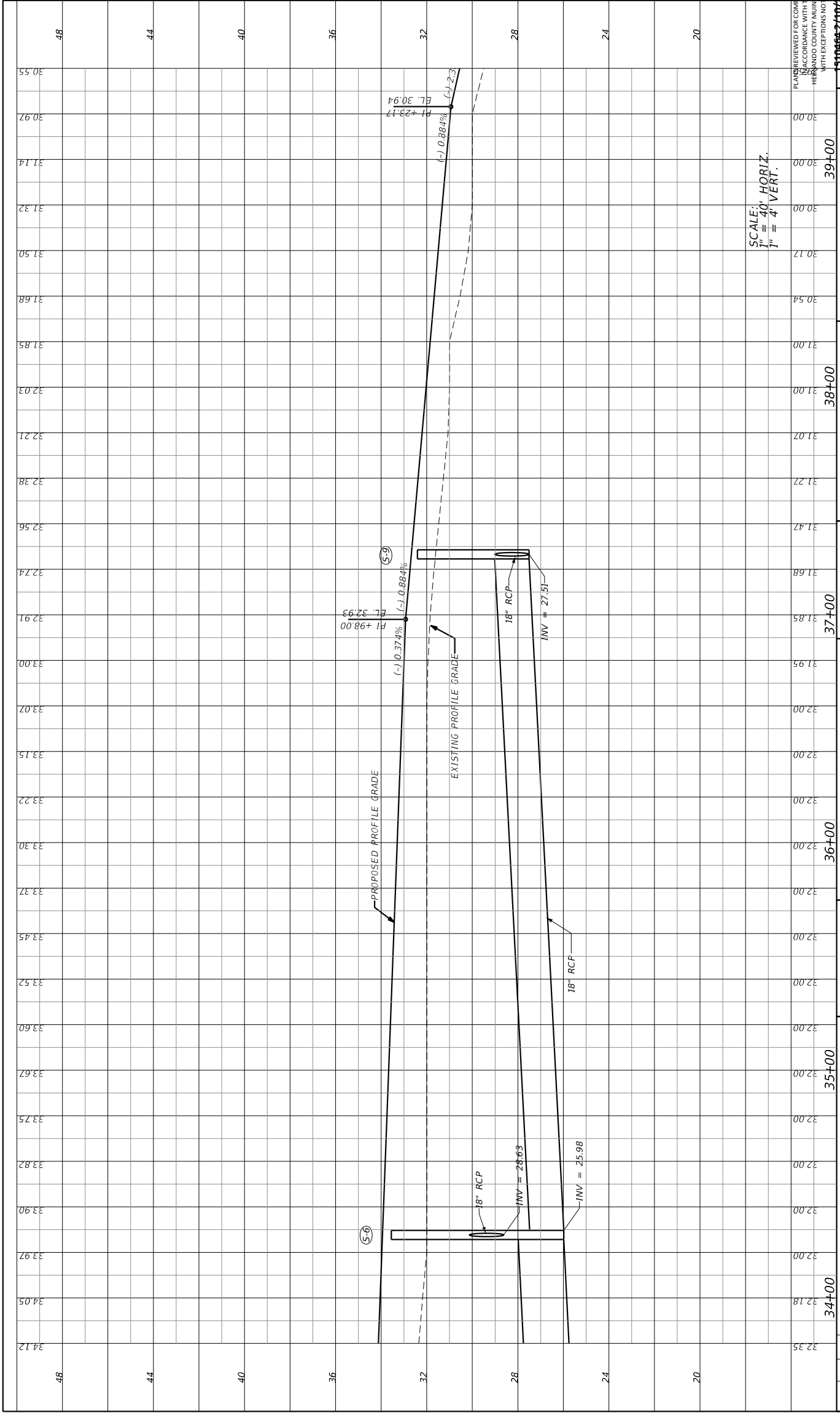
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PLANS REVIEWED FOR COMPLIANCE WITH THE ESSENTIAL ELEMENTS OF THE HERNANDO COUNTY MAINTENANCE WITH EXCEPTIONS NOTED

15 SHEET 7-10776

PROFILING SHEET (4)

EXPLOER BOULEVARD
HERNANDO COUNTY, FLORIDA

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SURVEYING
ENVIRONMENTAL
ENGINEERING ASSOCIATES, INC. AND ITS
ENGINEERING ASSOCIATES, INC. AND ITS
ENGINEERING ASSOCIATES, INC. PART
OF THE GROUP PRACTICE OF COASTAL
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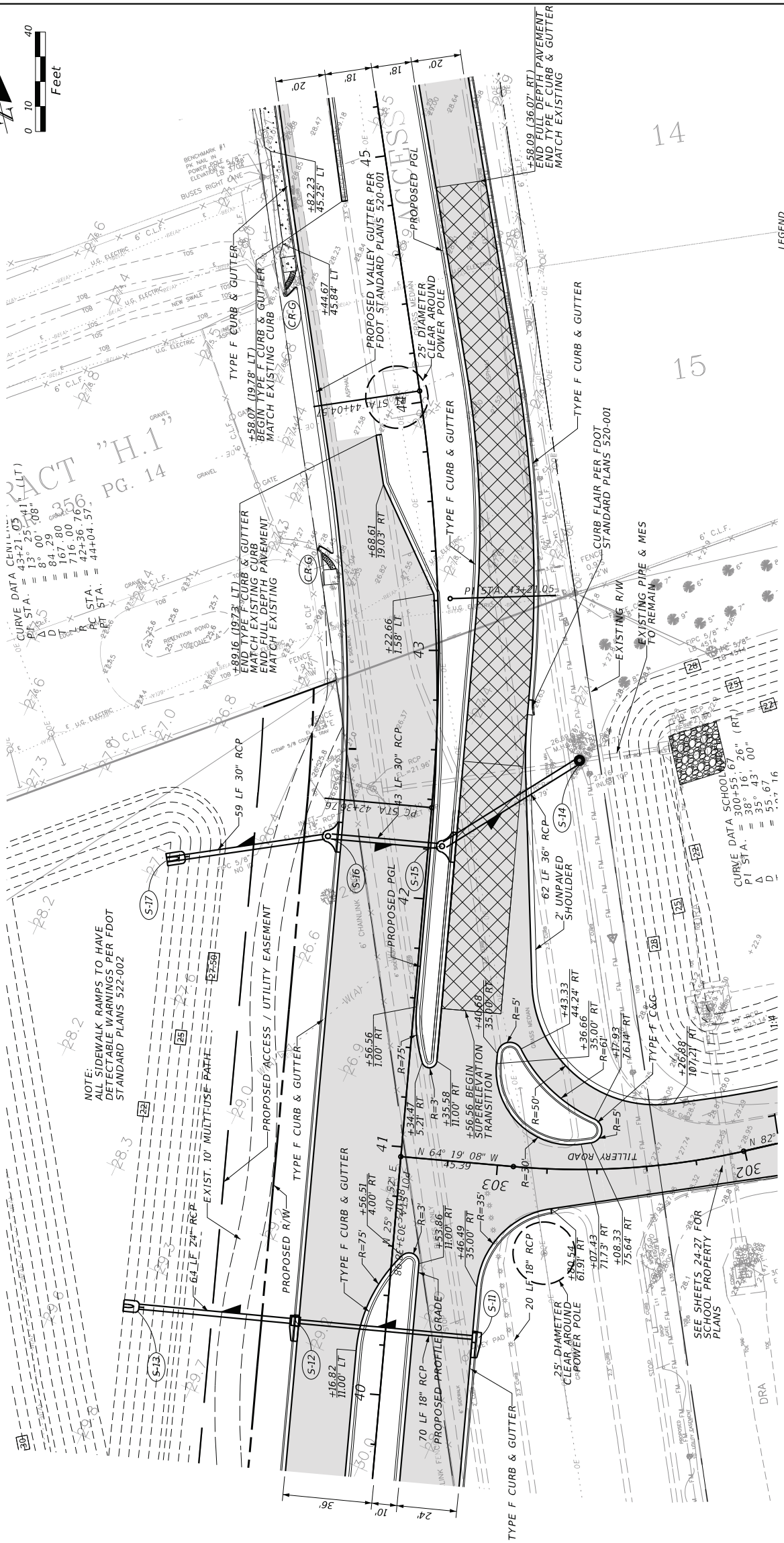
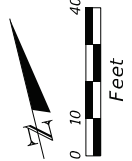
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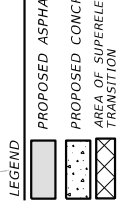
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NOTE:
ALL SIDEWALK RAMPS TO HAVE
DETECTABLE WARNING PER FDOT
STANDARD PLANS 522-002

SEE SHEETS 24-27 FOR
SCHOOL PROPERTY
PLANS



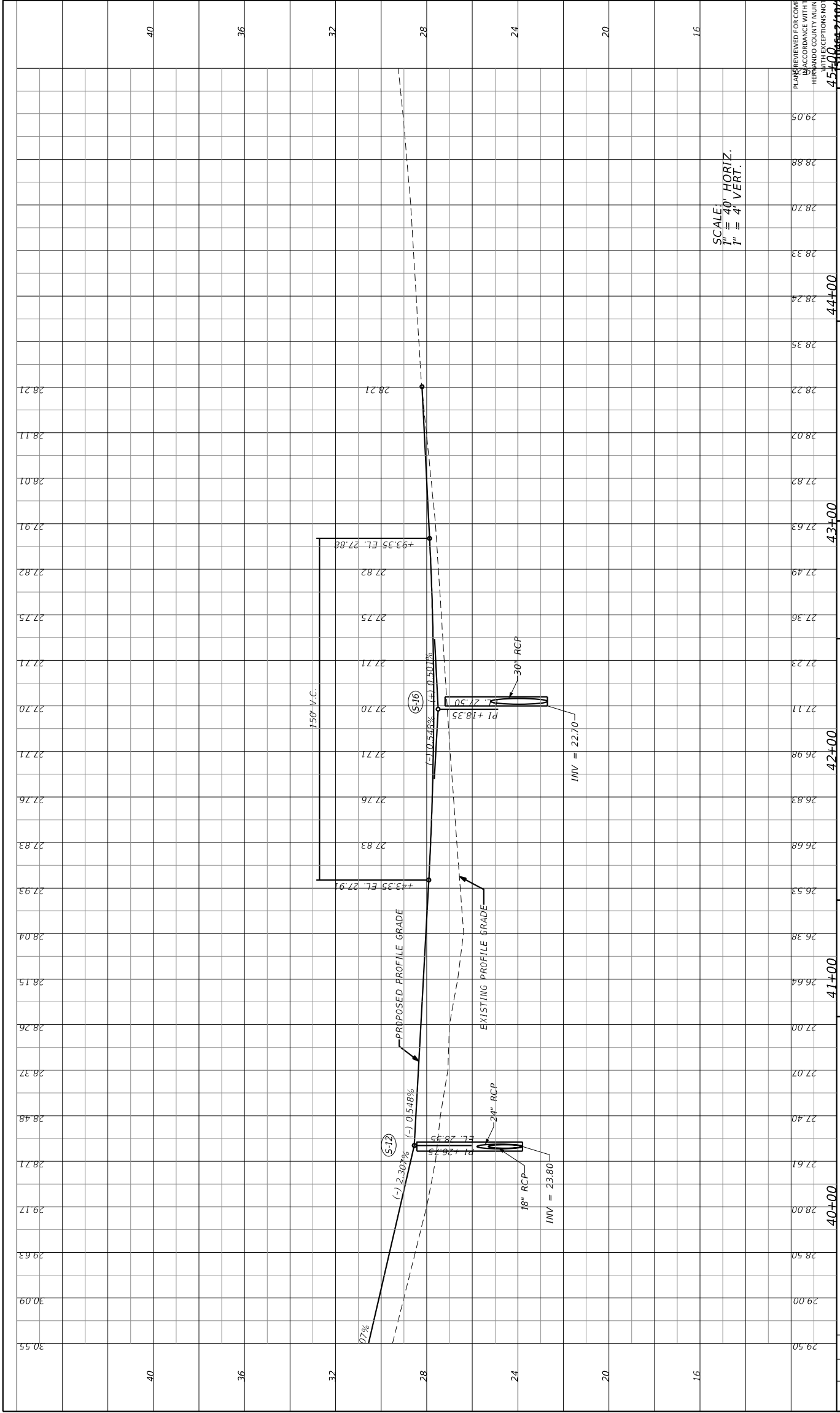
SUPERELEVATION TRANSITIONS
 NORTHBOUND
 41+30.41 (NC) - 42+30.10 (RC)
 42+30.10 (RC) - 43+58.45 (RC)
 43+58.45 (RC) - 44+58.09 (NC)

| | | | | | |
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SCALE:
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 1" = 4' VERT.

PLANS REVIEWED FOR COMPLIANCE
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 WITH EXCEPTIONS NOTED
 45+00
 SHEET 7-10716

PROFILE SHEET (5)

EXPLORER BOULEVARD
 HERNANDO COUNTY, FLORIDA



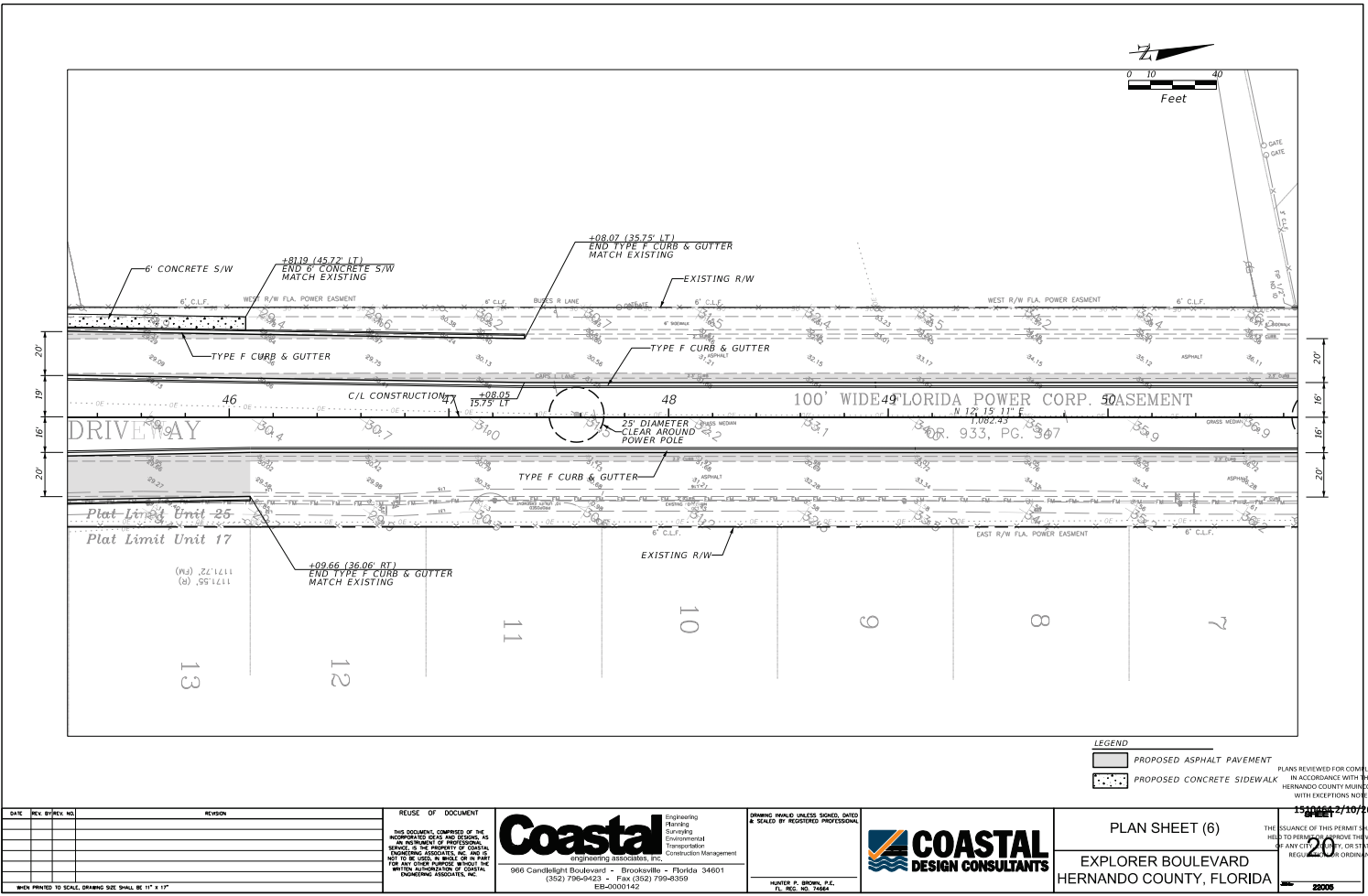
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LEGEND
 [Symbol] PROPOSED ASPHALT PAVEMENT
 [Symbol] PROPOSED CONCRETE SIDEWALK

PLANS REVIEWED FOR COMPLIANCE IN ACCORDANCE WITH THE HERNANDO COUNTY MAINTENANCE WITH EXCEPTIONS NOTED.

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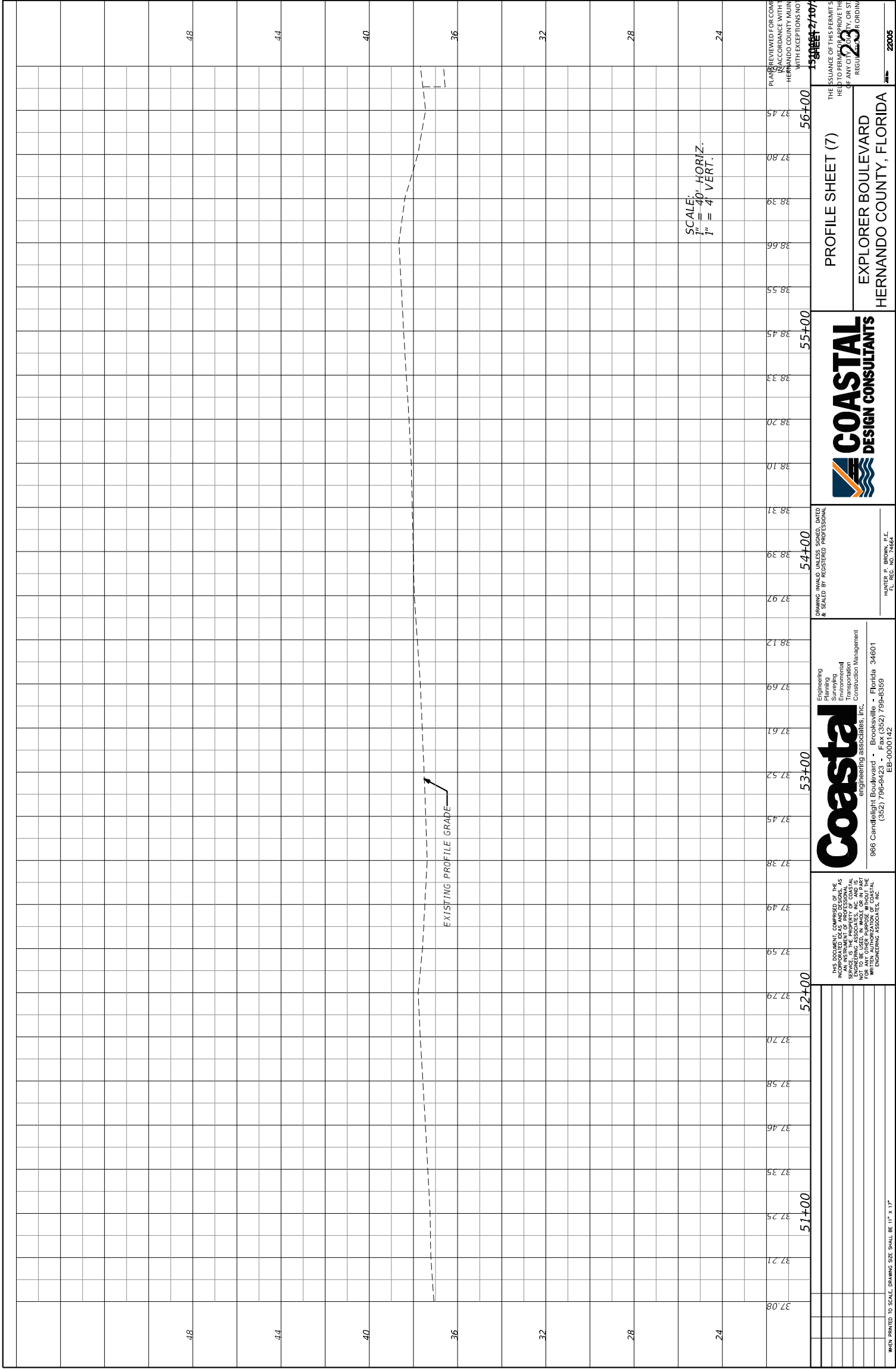
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PLAN SHEET (6)
 EXPLORER BOULEVARD
 HERNANDO COUNTY, FLORIDA

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 WITH EXCEPTIONS NOTED

15 SHEET 7-10776

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 WITH EXCEPTIONS NOTED

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 FL. REG. NO. 71664

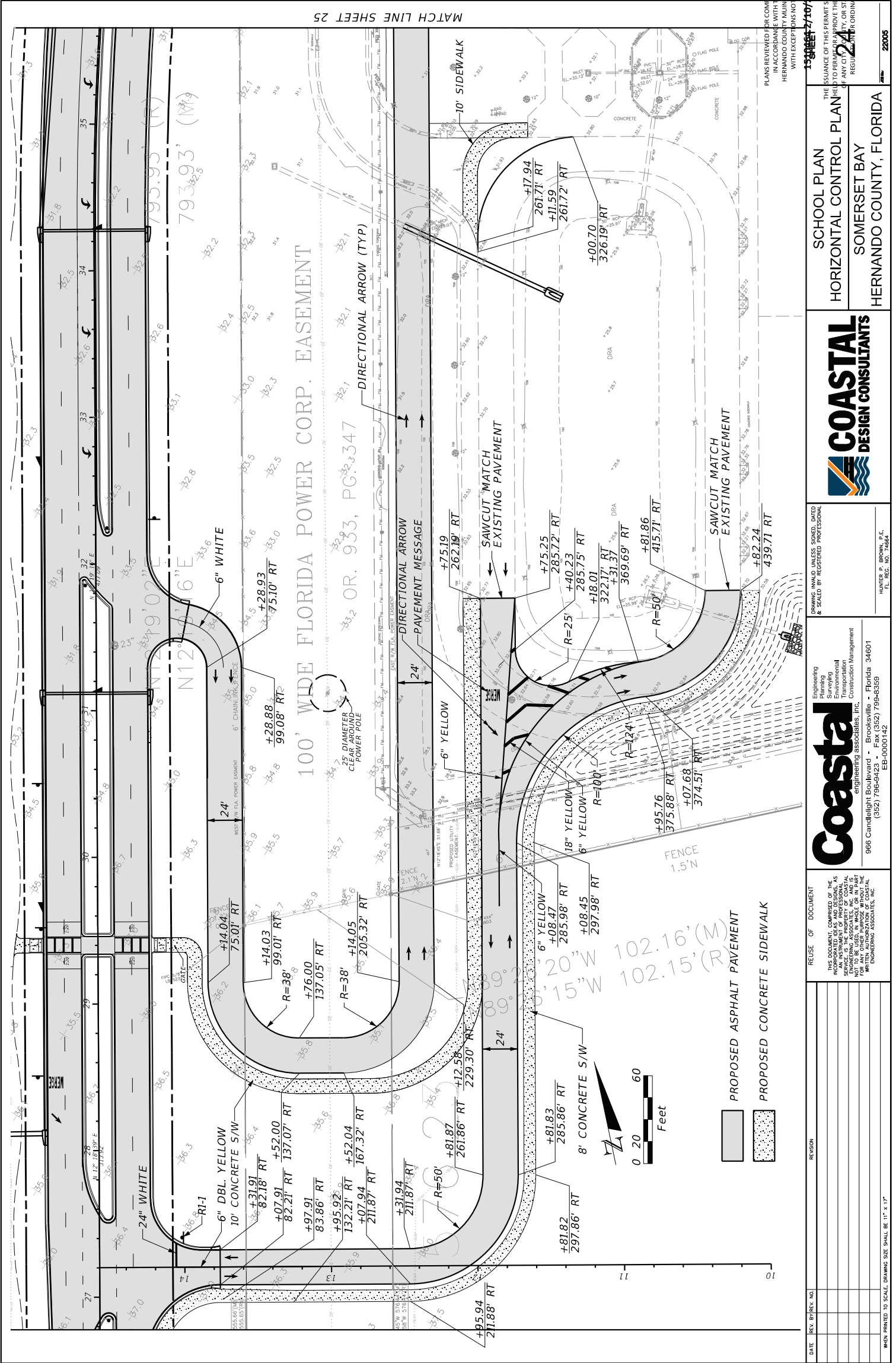
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PLANS REVIEWED FOR COMPLIANCE
IN ACCORDANCE WITH THE
HERNANDO COUNTY MAINTENANCE
WITH EXCEPTIONS NOTED

15 SHEET 27-10716

SCHOOL PLAN
HORIZONTAL CONTROL PLAN
SOMERSET BAY
HERNANDO COUNTY, FLORIDA



ENGINEERING
PLANNING
SURVEYING
ENVIRONMENTAL
CONSTRUCTION MANAGEMENT

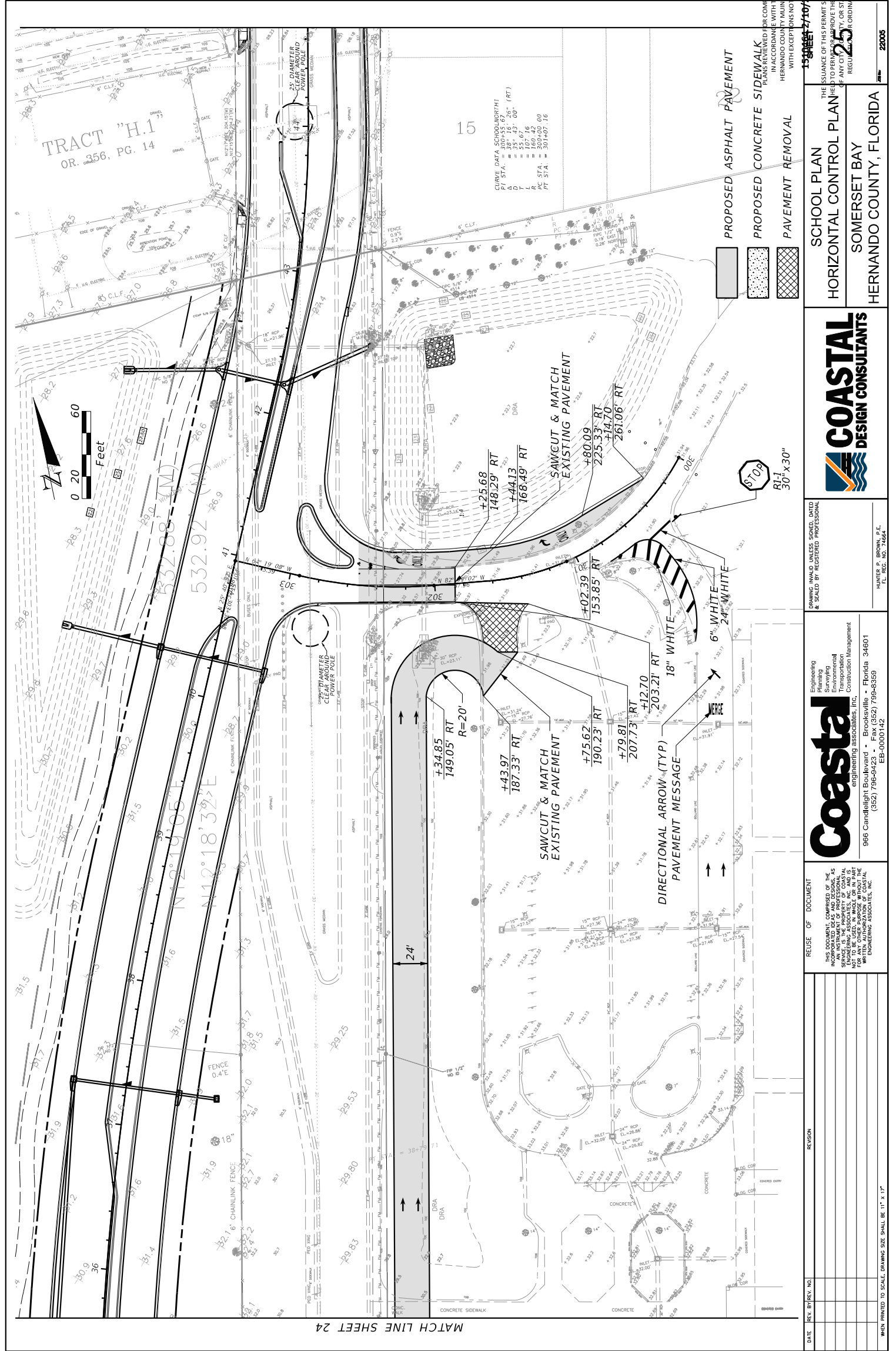
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MATCH LINE SHEET 24

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WALTER P. BROWN, P.E.
 FL. REG. NO. 71464

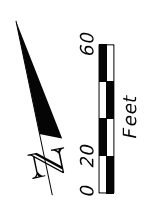
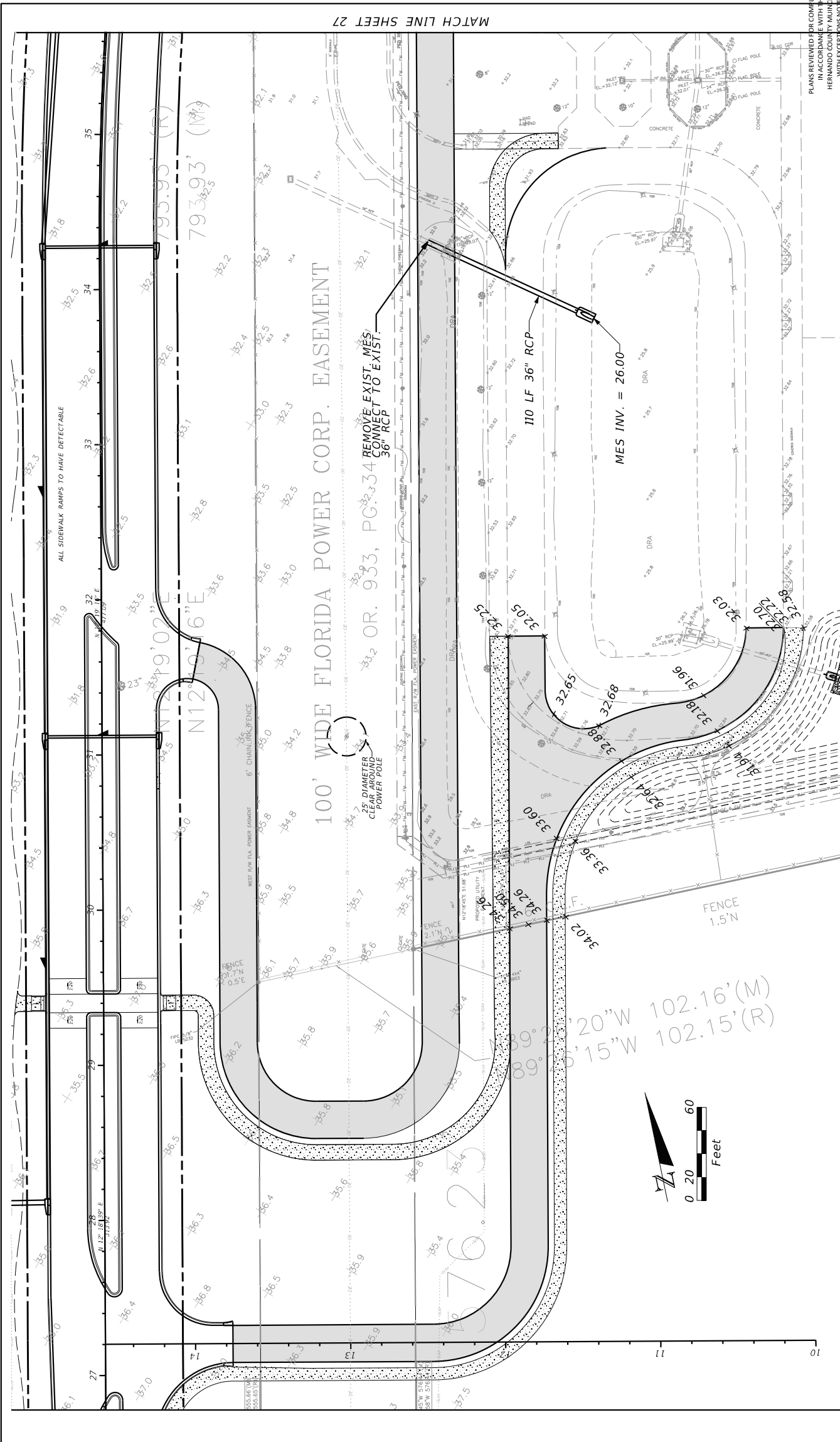
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SCHOOL PLAN
 HORIZONTAL CONTROL PLAN
 SOMERSET BAY
 HERNANDO COUNTY, FLORIDA

15 SHEET 27/0776

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22005



PLANS REVIEWED FOR COMPLIANCE
IN ACCORDANCE WITH THE
HERNANDO COUNTY MAINTENANCE
WITH EXCEPTIONS NOTED

15 SHEET 27 OF 76

SCHOOL PLAN
PAVING, GRADING & DRAINAGE PLAN
SOMERSET BAY
HERNANDO COUNTY, FLORIDA



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engineering associates, inc.
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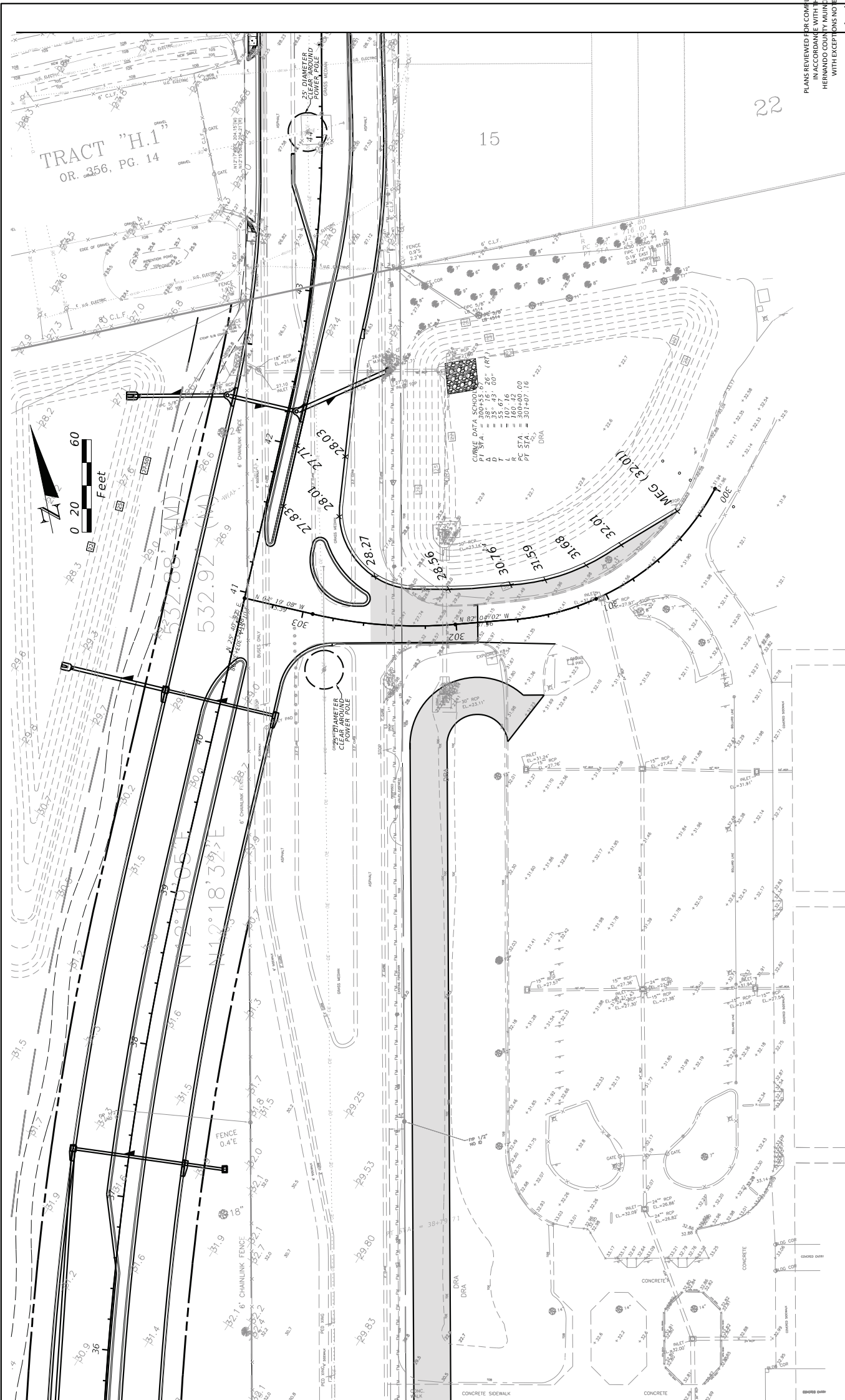
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WHEN PRINTED TO SCALE, DRAWING SIZE SHALL BE 11" X 17"

22005

MATCH LINE SHEET 26



PLANS REVIEWED FOR COMPLIANCE
IN ACCORDANCE WITH THE
HERNANDO COUNTY MAINTENANCE
WITH EXCEPTIONS NOTED

15 SHEET 27 OF 76

SCHOOL PLAN
PAVING, GRADING & DRAINAGE PLAN
SOMERSET BAY
HERNANDO COUNTY, FLORIDA



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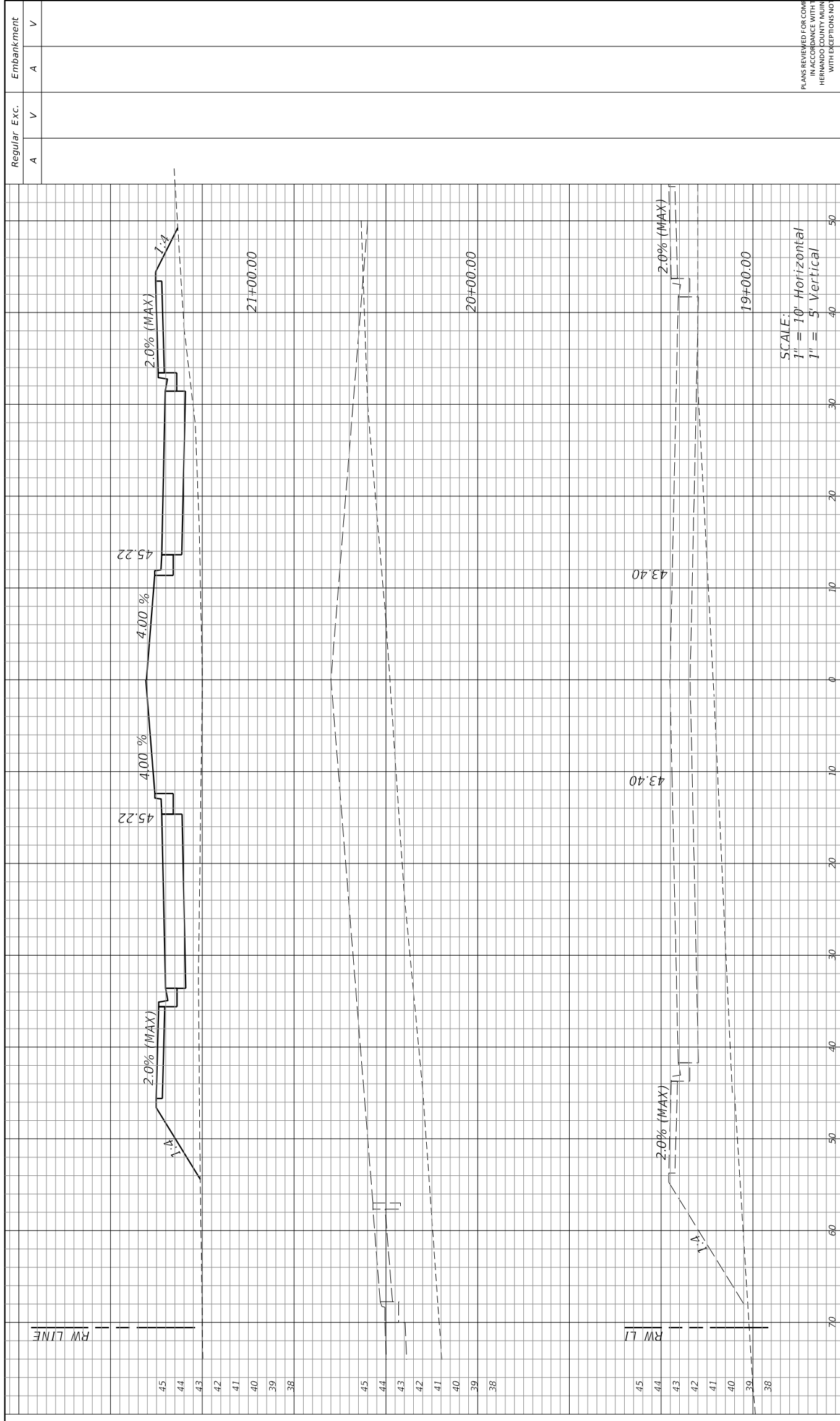
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 WITH EXCEPTIONS NOTED

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CROSS SECTIONS (1)
 EXPLORER BOULEVARD
 HERNANDO COUNTY, FLORIDA



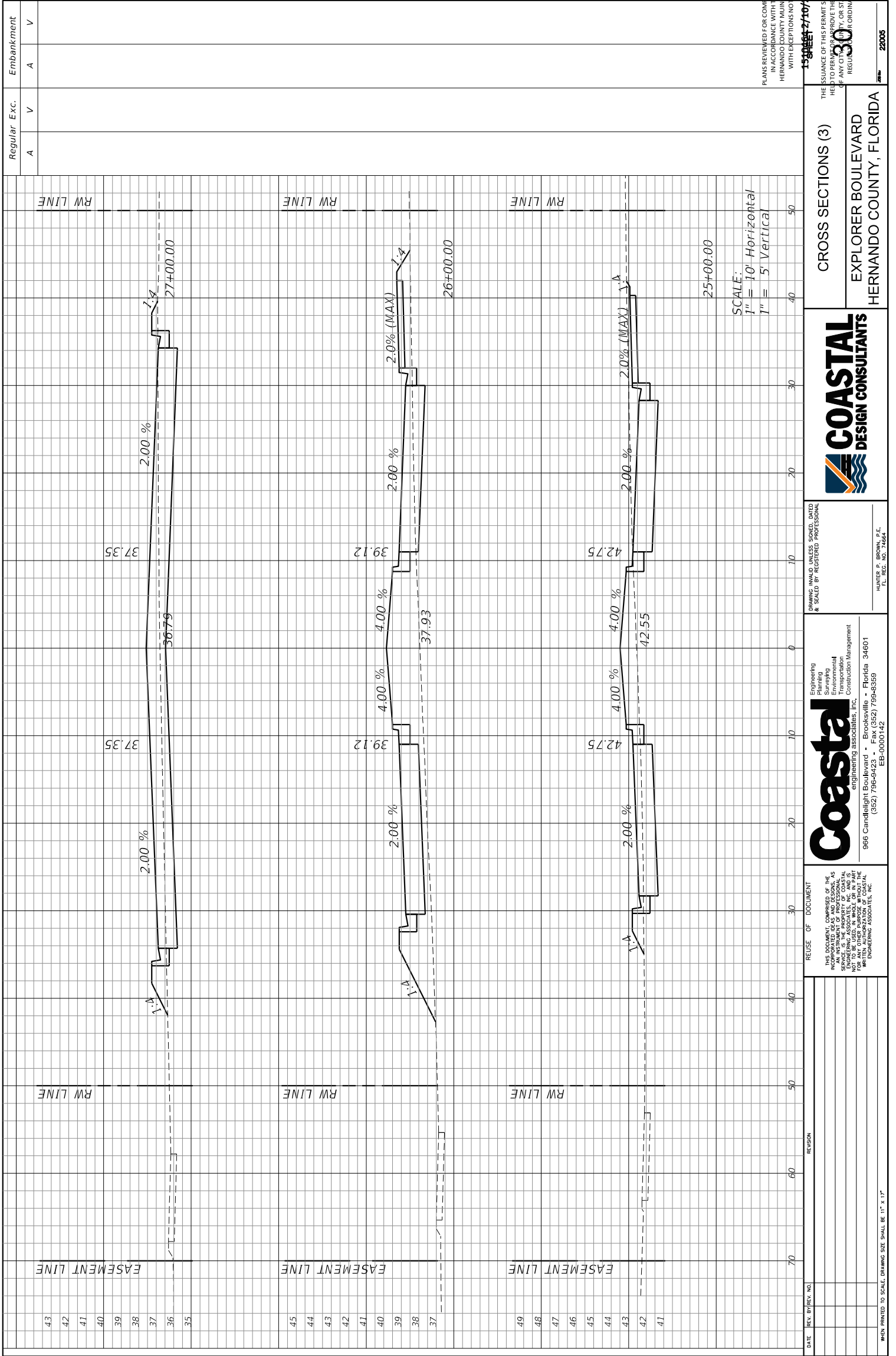
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 FL. REG. NO. 74664

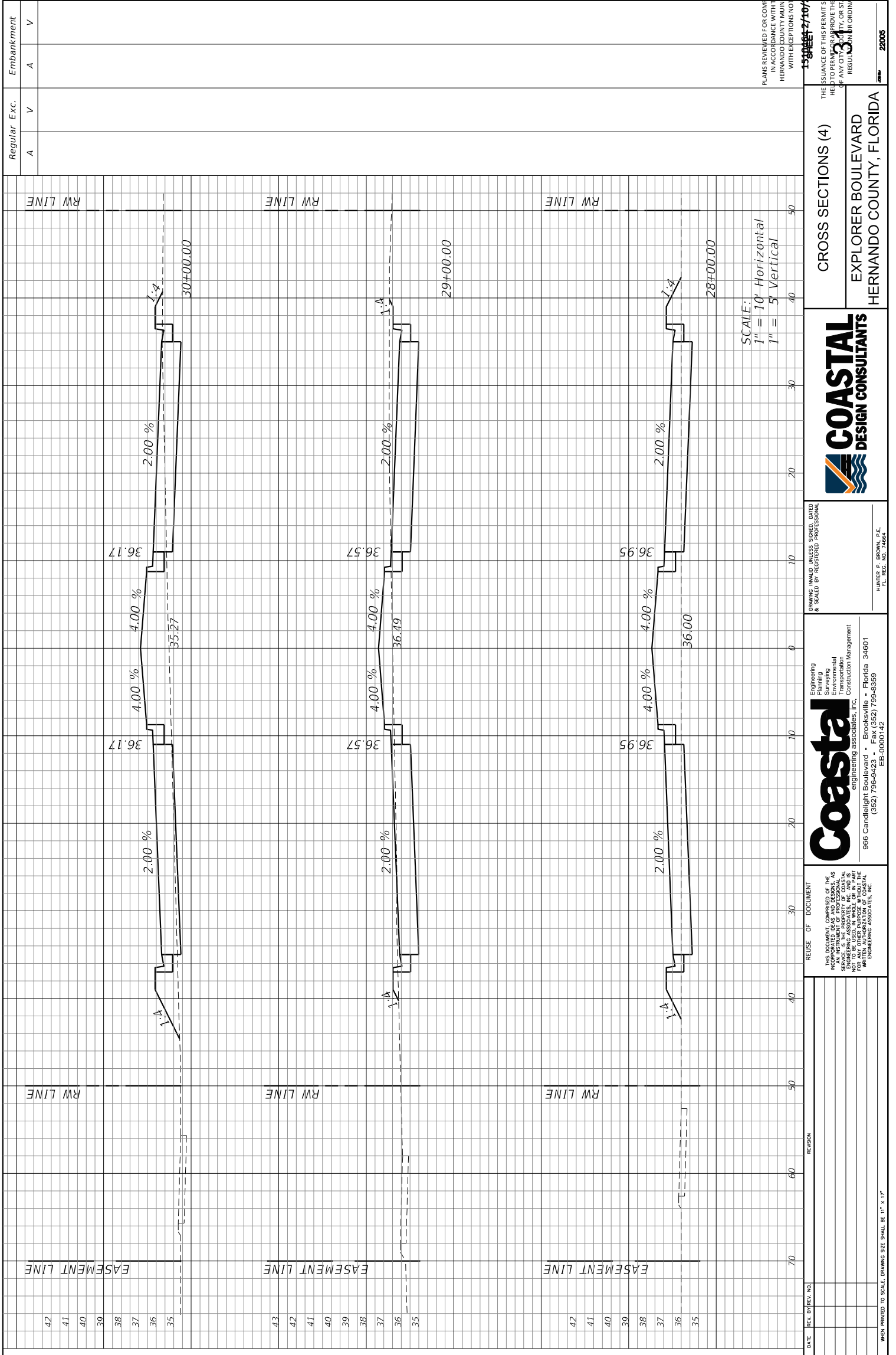
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WHEN PRINTED TO SCALE, DRAWING SIZE SHALL BE 11" x 17"





PLANS REVIEWED FOR COMPLIANCE
IN ACCORDANCE WITH THE
HERNANDO COUNTY MAINTENANCE
WITH EXCEPTIONS NOTED

15-SEP-27-2016

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FLORIDA OF THE DESIGN OR CONSTRUCTION
REGULATORY COMPLIANCE

CROSS SECTIONS (4)
EXPLORER BOULEVARD
HERNANDO COUNTY, FLORIDA



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FL. REG. NO. 74664

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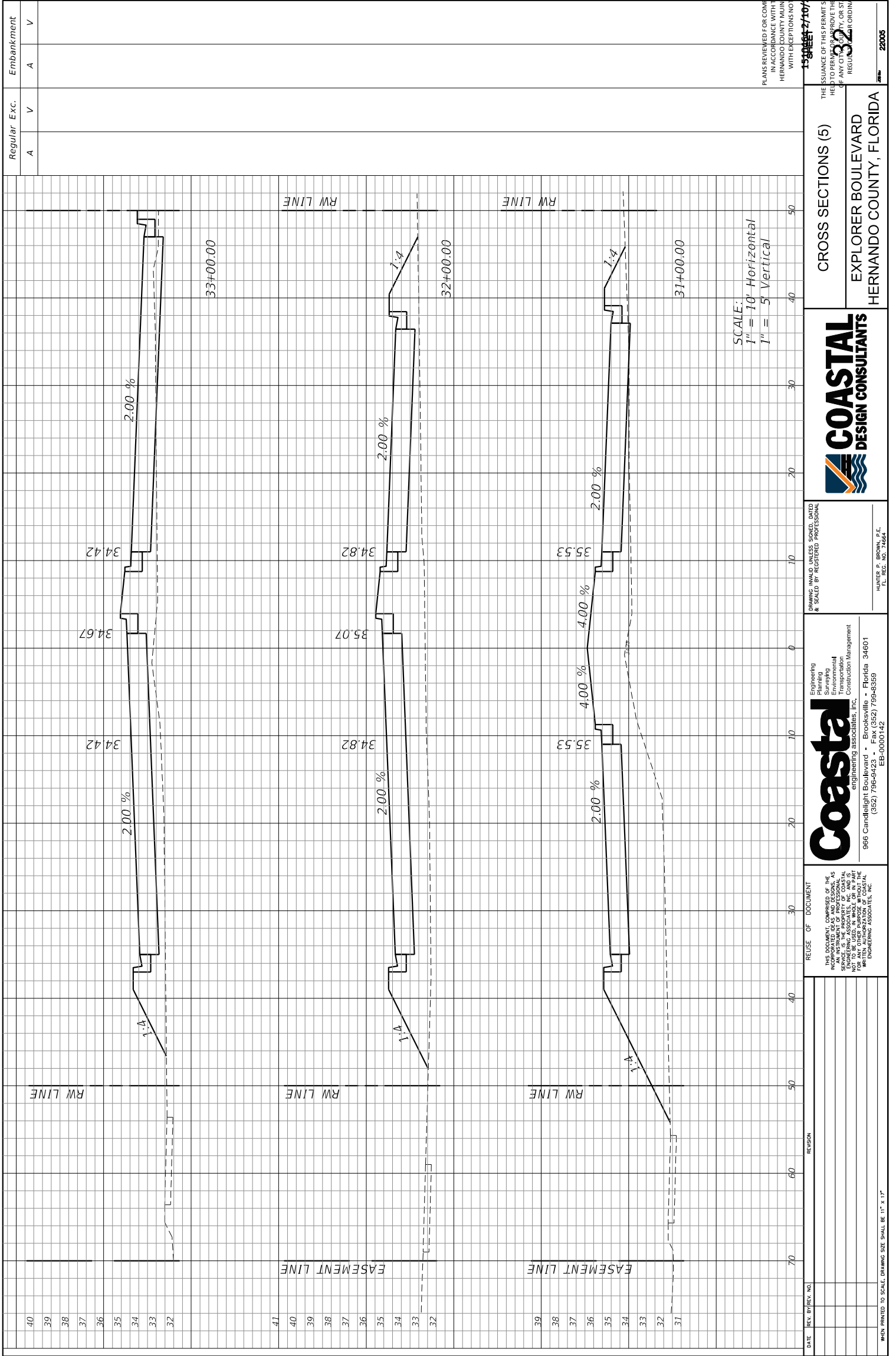
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WHEN PRINTED TO SCALE, DRAWING SIZE SHALL BE 11" x 17"



SCALE:
 1" = 10' Horizontal
 1" = 5' Vertical

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PLANS REVIEWED FOR COMPLIANCE
 IN ACCORDANCE WITH THE
 HERNANDO COUNTY MAINTENANCE
 WITH EXCEPTIONS NOTED

15-SEP-27/0776

CROSS SECTIONS (5)
 EXPLORER BOULEVARD
 HERNANDO COUNTY, FLORIDA



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HUYTER P. BREWAL, P.E.
 FL. REG. NO. 74664

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 engineering associates, inc.

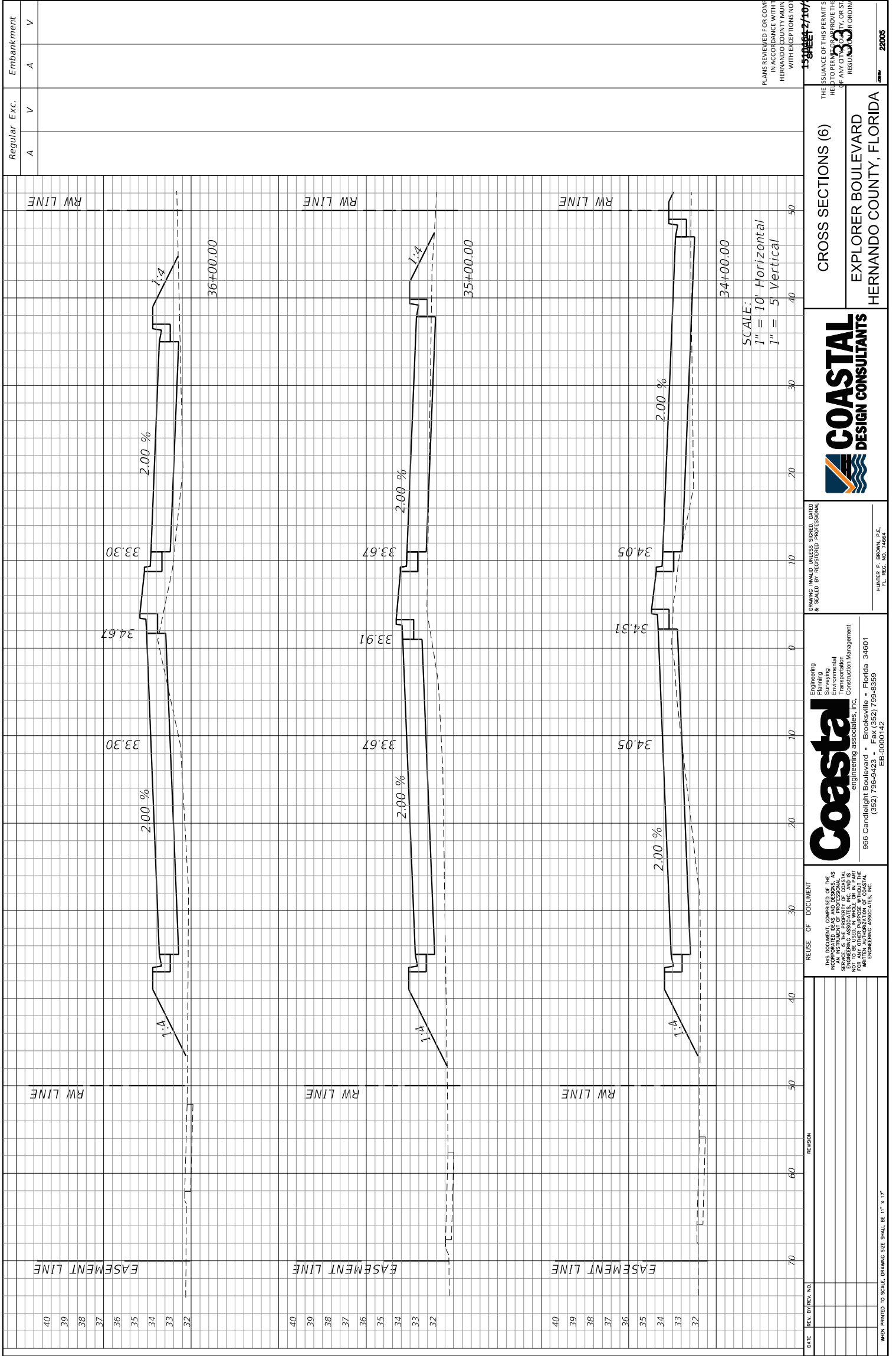
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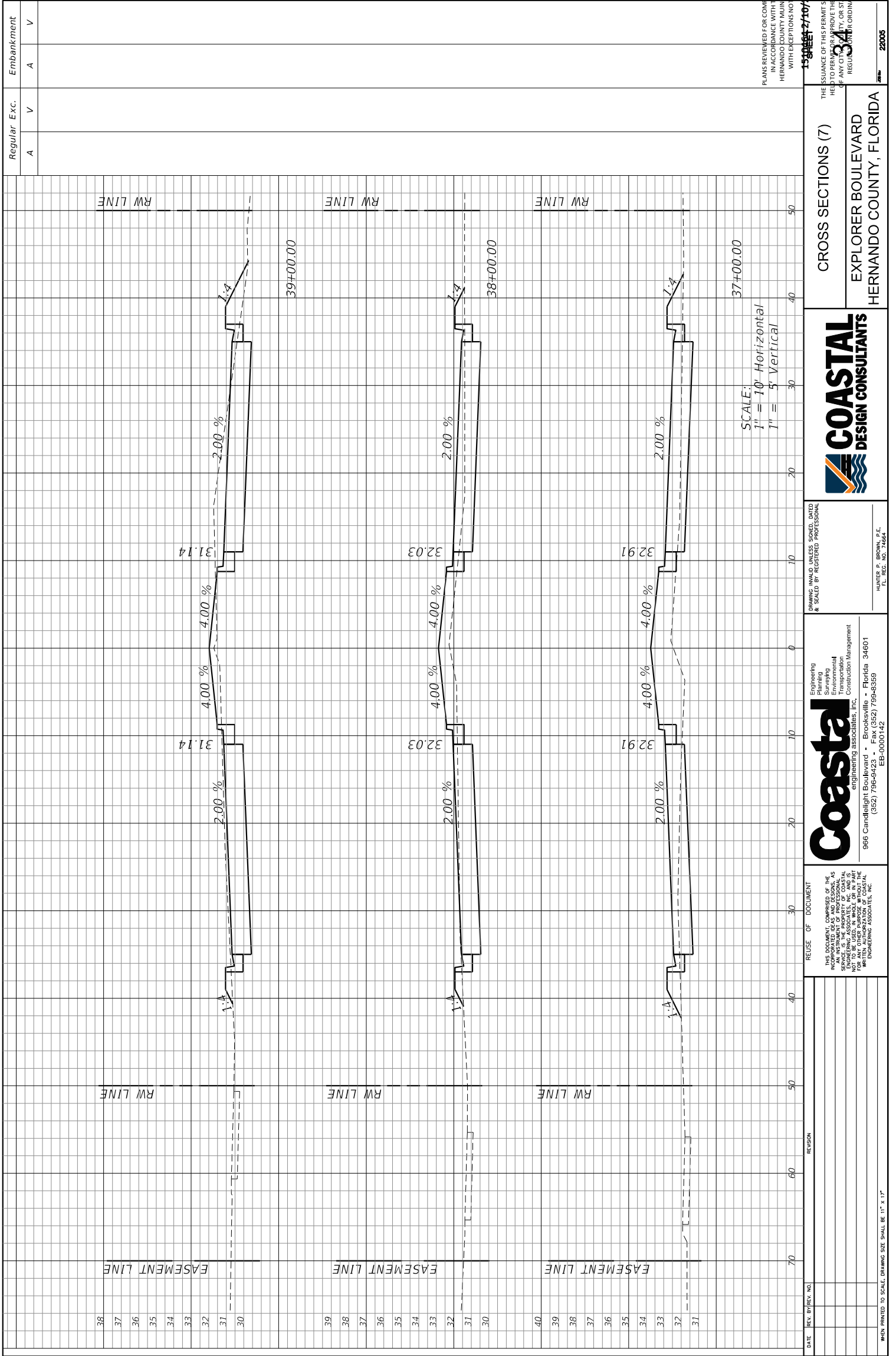
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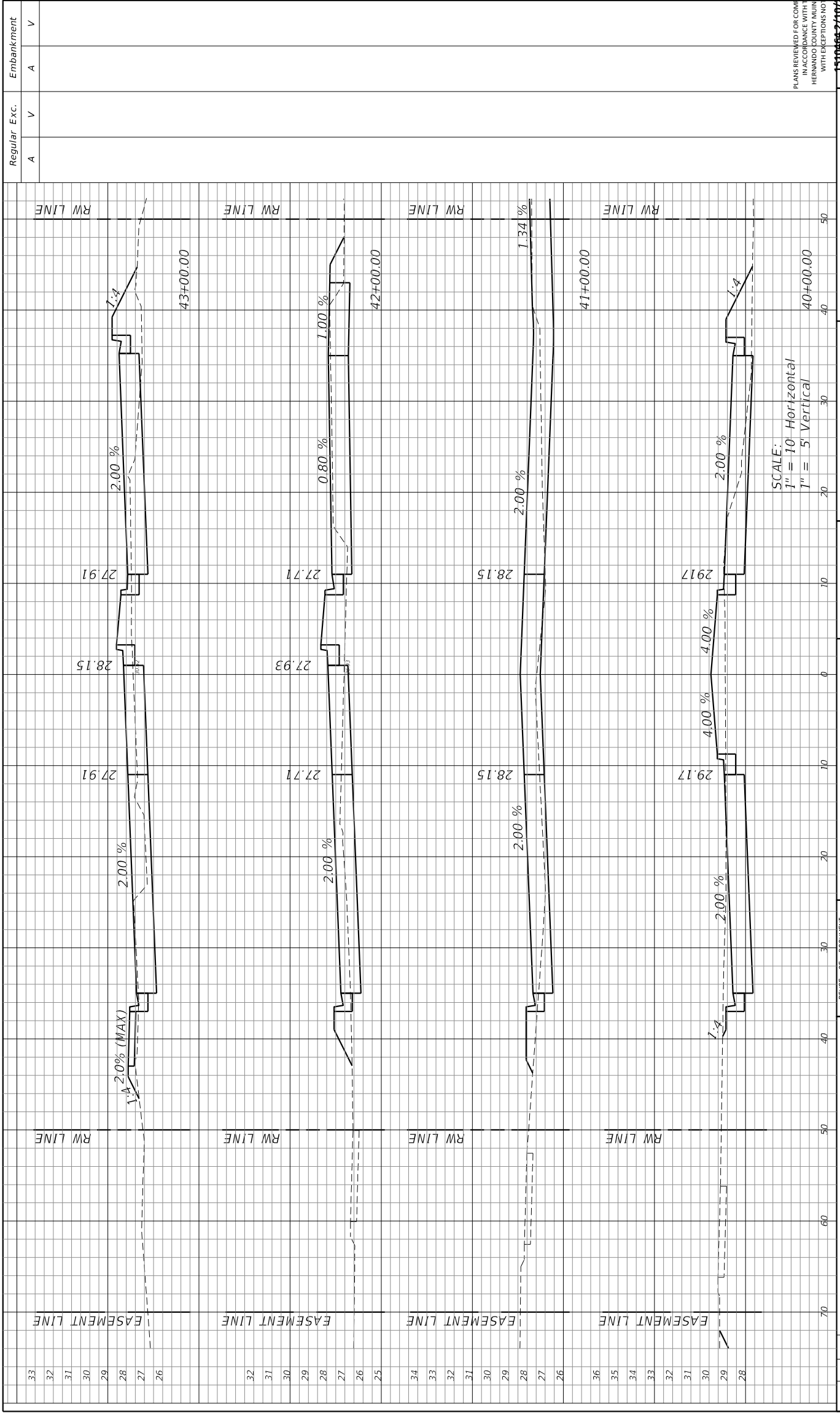
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SCALE:
 1" = 10' Horizontal
 1" = 5' Vertical

PLANS REVIEWED FOR COMPLIANCE
 IN ACCORDANCE WITH THE
 HERNANDO COUNTY MAINTENANCE
 WITH EXCEPTIONS NOTED

15 SEP 27 10:76

CROSS SECTIONS (8)
 EXPLORER BOULEVARD
 HERNANDO COUNTY, FLORIDA



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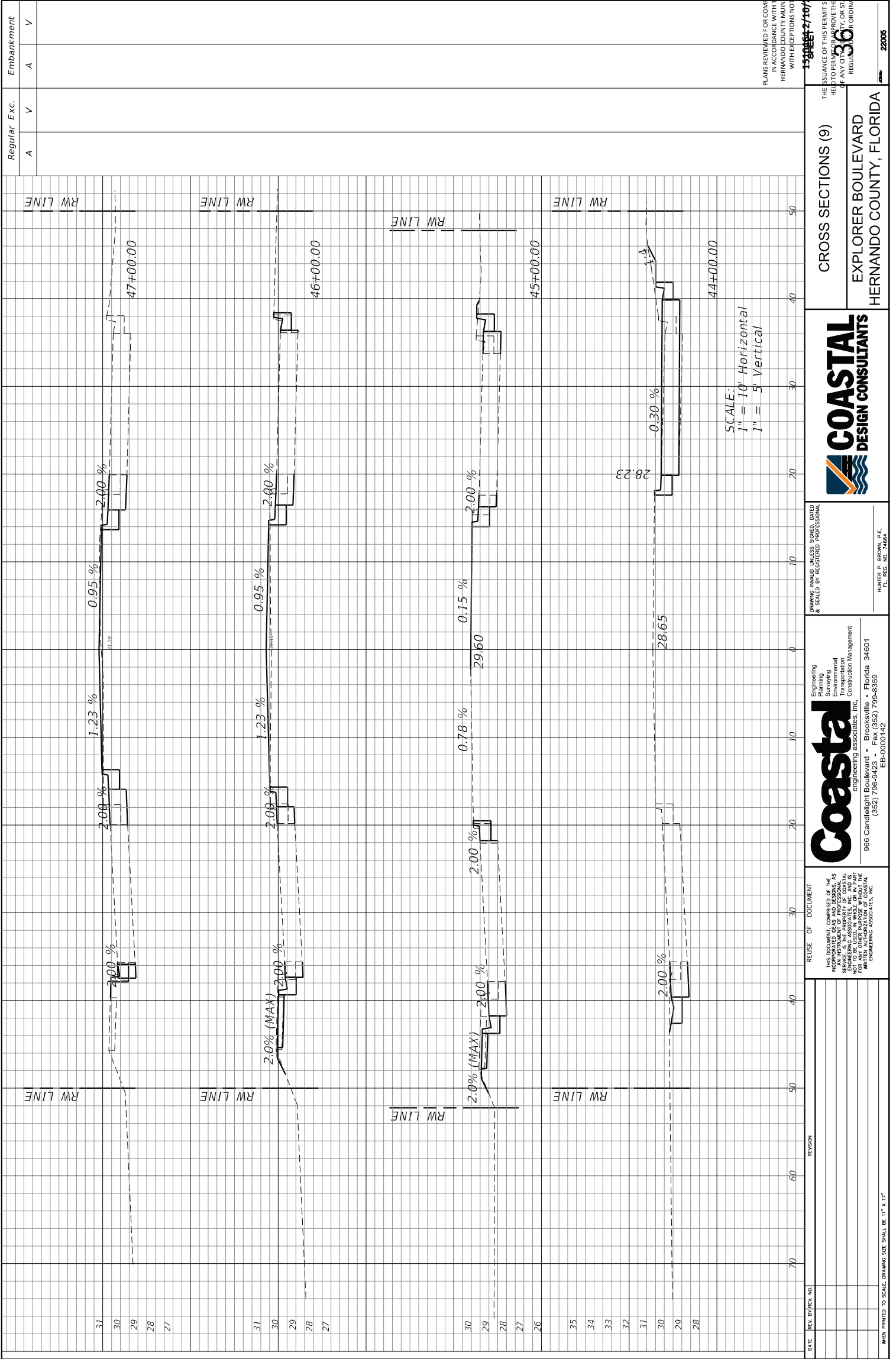
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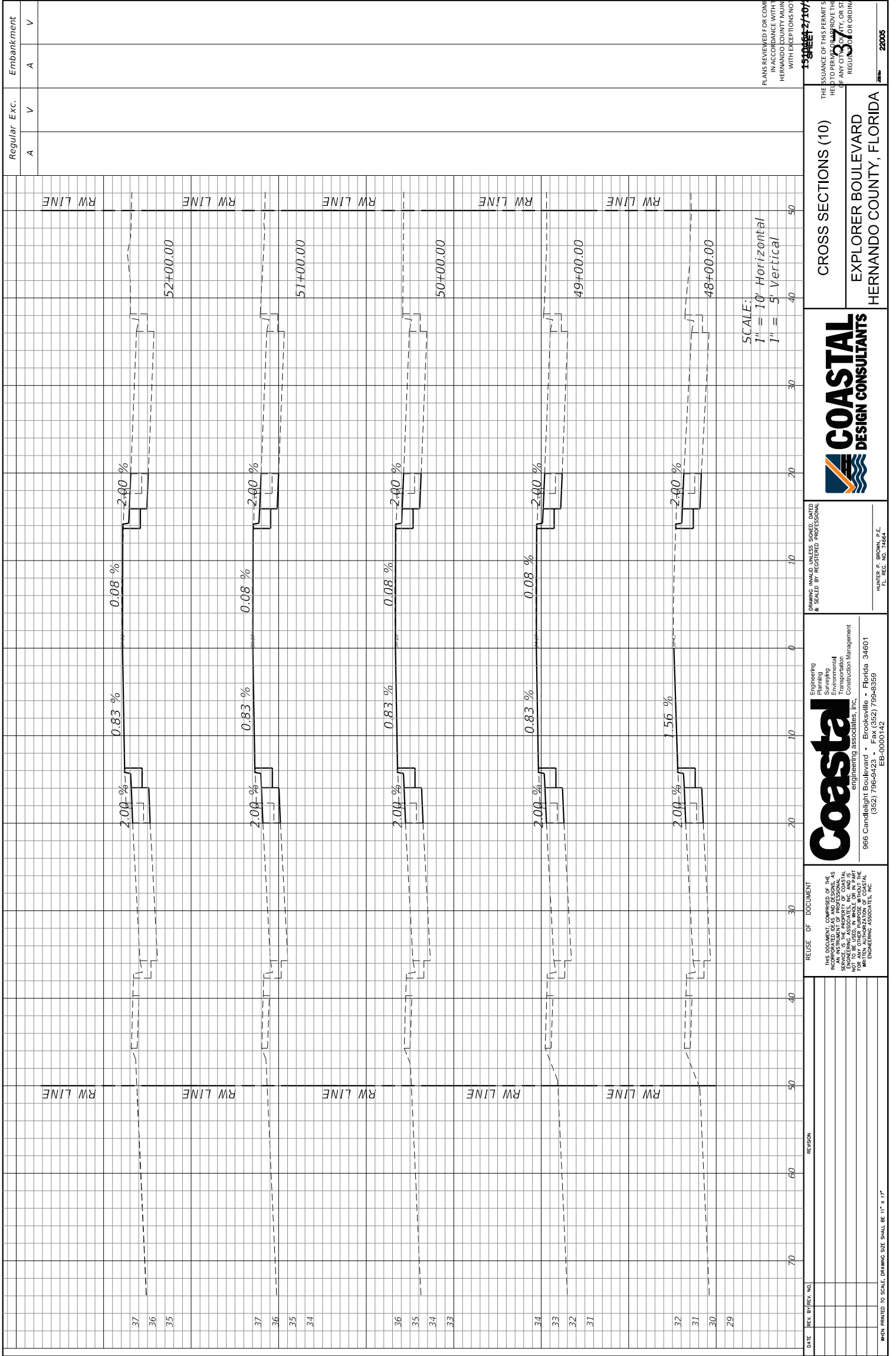
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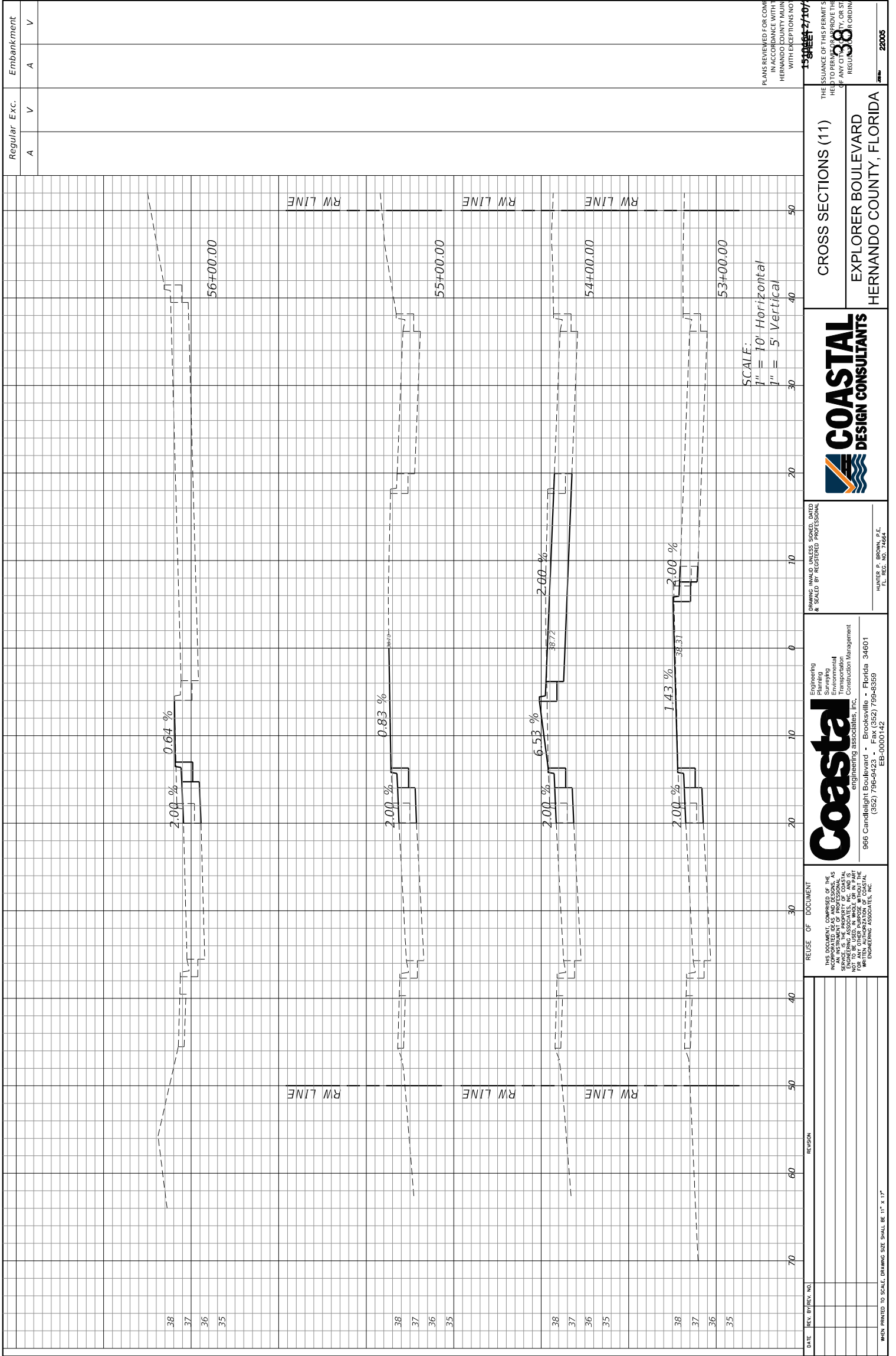
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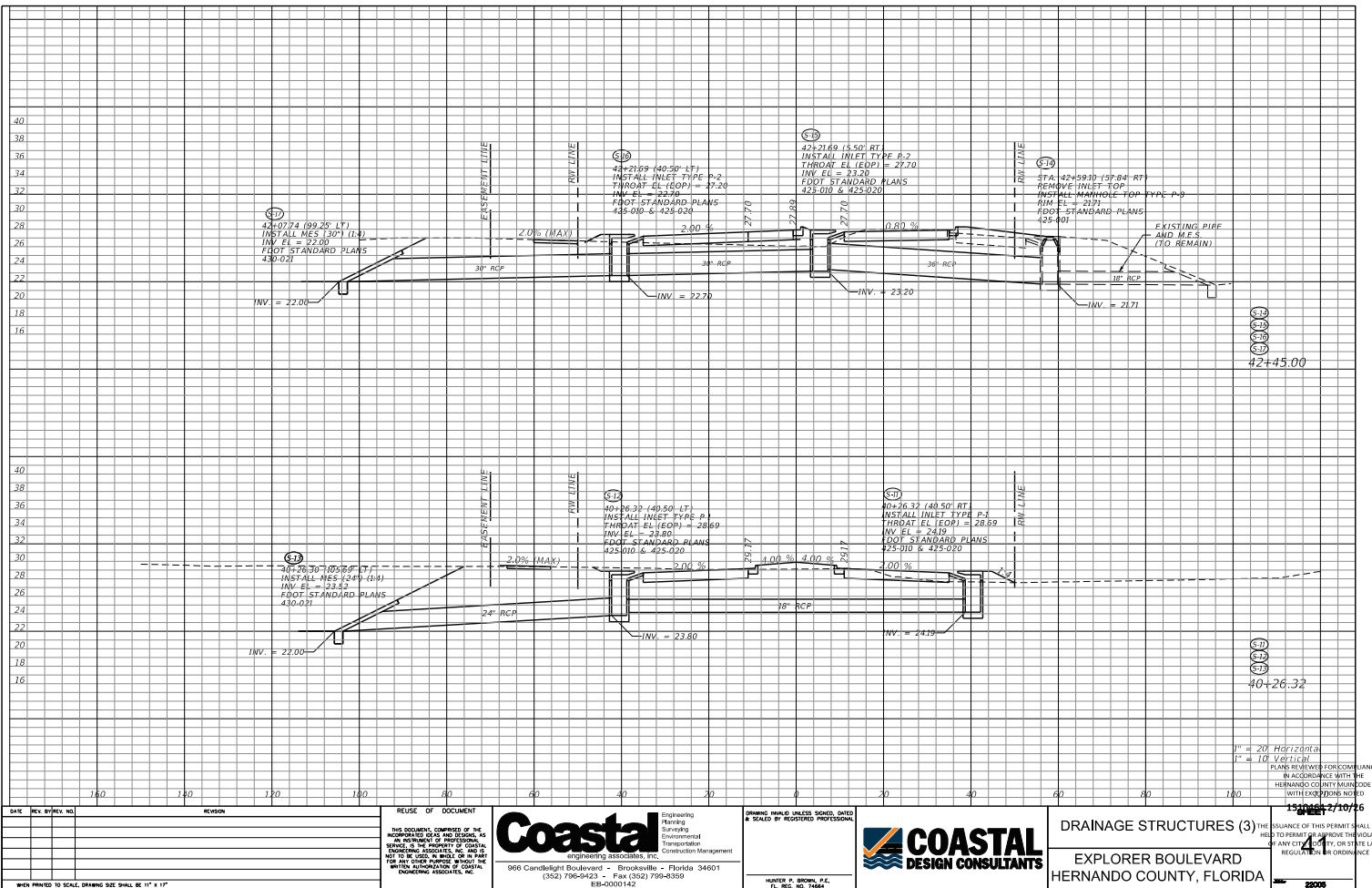
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FL REG. NO. 76667

COASTAL
DESIGN CONSULTANTS

DRAINAGE STRUCTURES (3)
EXPLORER BOULEVARD
HERNANDO COUNTY, FLORIDA

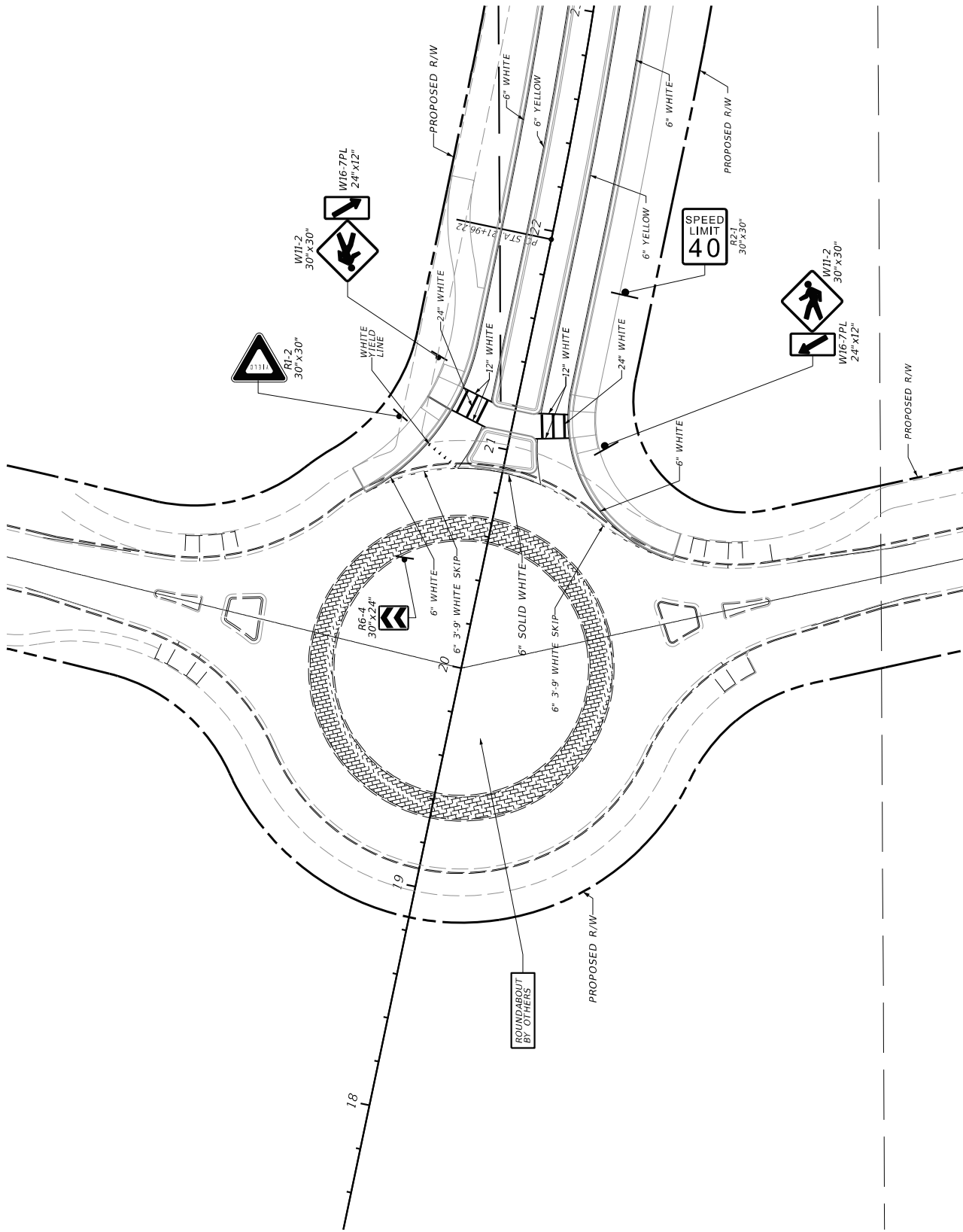
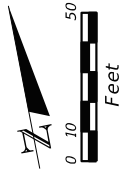
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150662710/16

DATE: 02/10/16

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

2005



PLANS REVIEWED FOR COMPLIANCE
 IN ACCORDANCE WITH THE
 HERNANDO COUNTY MAINTENANCE
 WITH EXCEPTIONS NOTED

15-000007-10776

OSI
 ROADWAY DESIGN & CONSTRUCTION
 CONSULTANTS

SIGNING & MARKING PLAN (1)
 EXPLORER BOULEVARD
 HERNANDO COUNTY, FLORIDA



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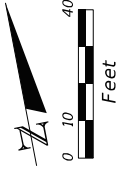
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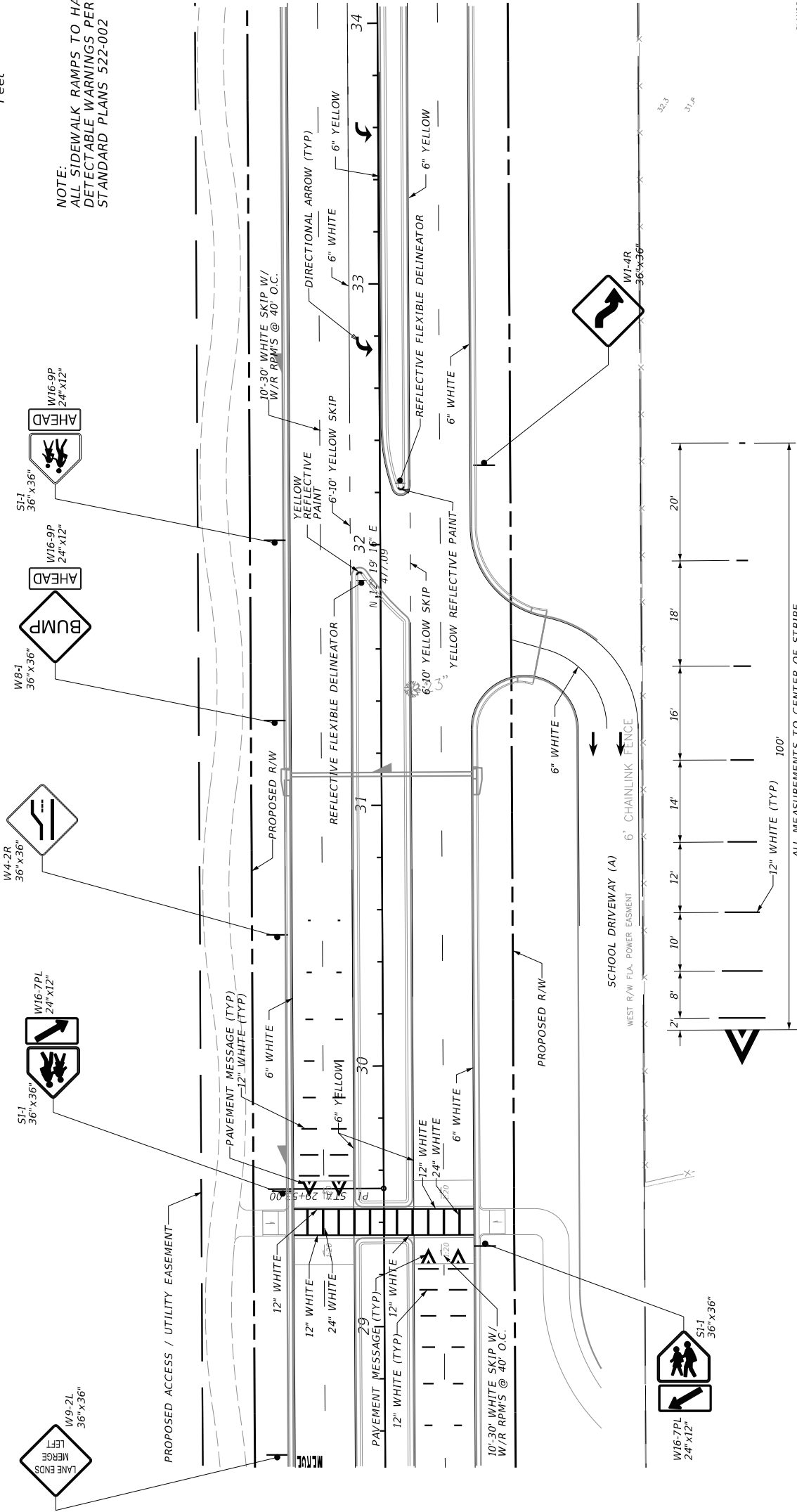
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22005



NOTE:
ALL SIDEWALK RAMPS TO HAVE
DETECTABLE WARNINGS PER FDOT
STANDARD PLANS 522-002



ALL MEASUREMENTS TO CENTER OF STRIPE

SPEED TABLE MARKING DETAIL

| DATE | REV. BY | REV. NO. | REVISION |
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SIGNING & MARKING PLAN (3)
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HERNANDO COUNTY, FLORIDA

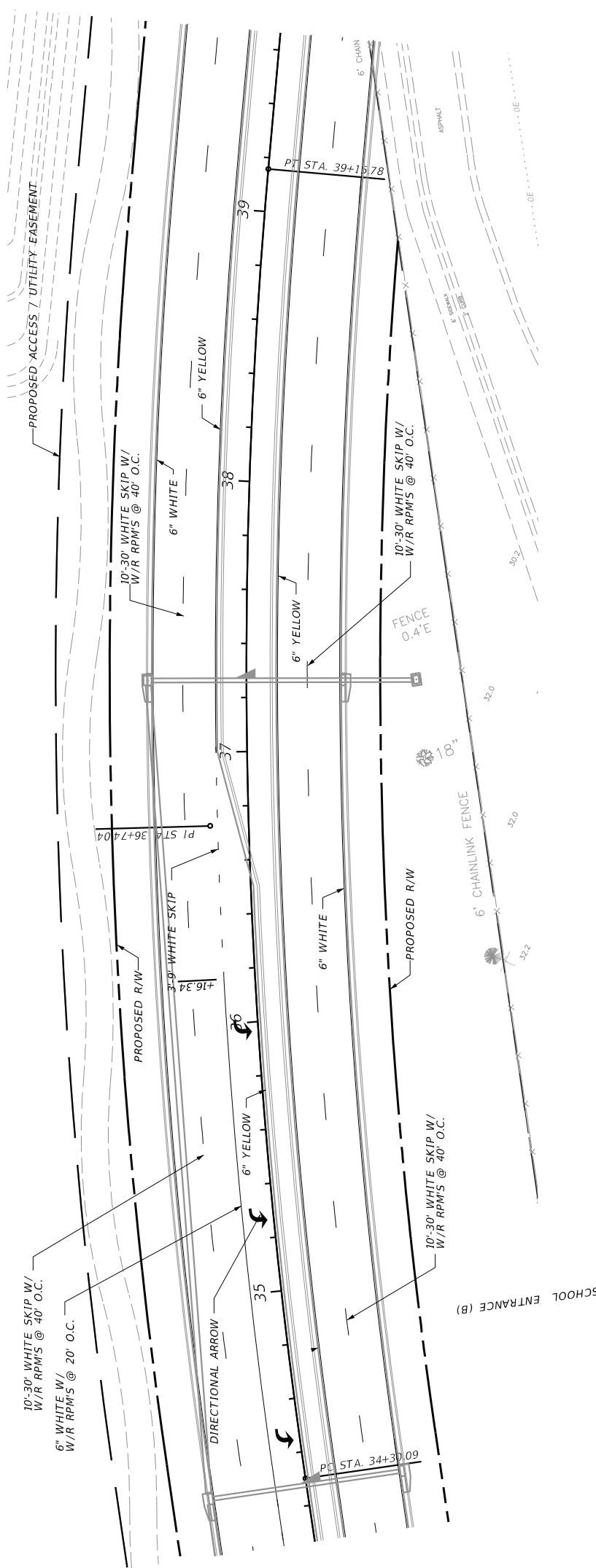
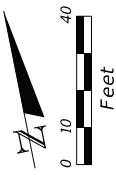
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WITH EXCEPTIONS NOTED

13-000007-10776

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22005

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 WITH EXCEPTIONS NOTED

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SIGNING & MARKING PLAN (4)
 EXPLORER BOULEVARD
 HERNANDO COUNTY, FLORIDA



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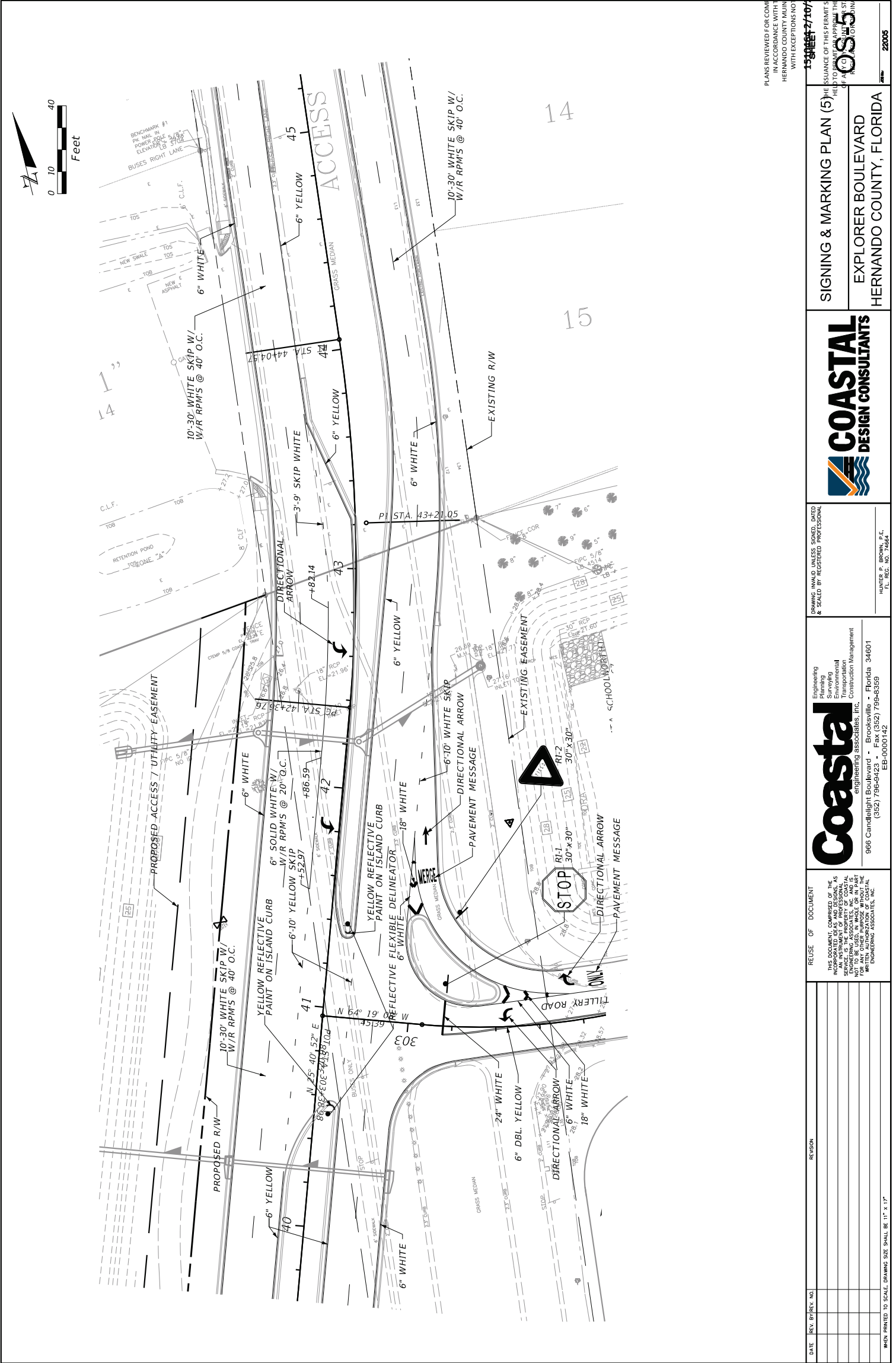
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HERNANDO COUNTY MUNICIPAL CODE
WITH EXCEPTIONS NOTED

15
DATE: 7/20/17

OS5
HERNANDO COUNTY ENGINEERING ASSOCIATES, INC.

SIGNING & MARKING PLAN (5)
EXPLORER BOULEVARD
HERNANDO COUNTY, FLORIDA



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FL. REG. NO. 74664

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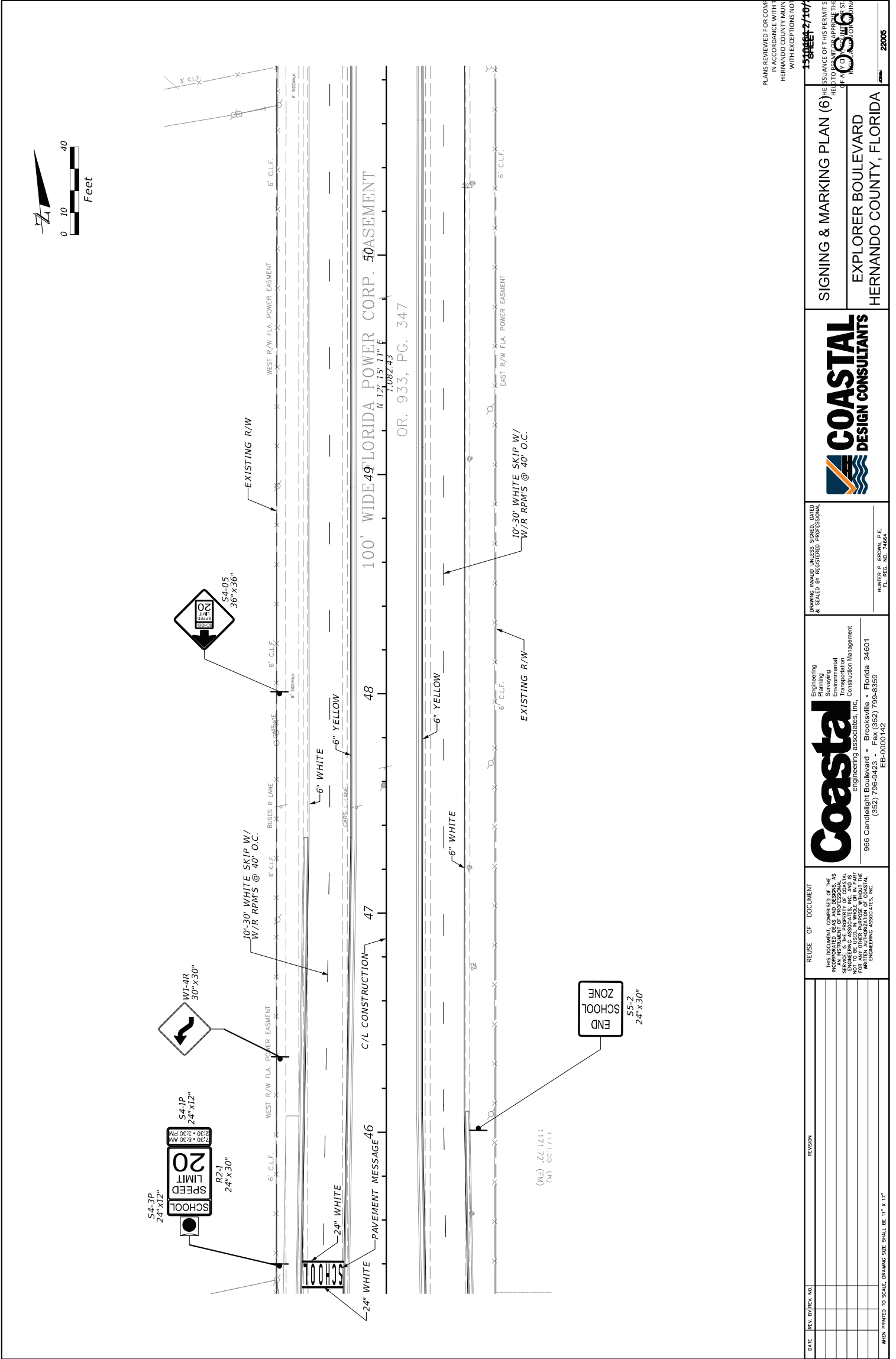
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PLANS REVIEWED FOR COMPLIANCE
 IN ACCORDANCE WITH THE
 HERNANDO COUNTY MUNICIPAL
 WITH EXCEPTIONS NOTED

15-000007-10776

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SIGNING & MARKING PLAN (6)
 EXPLORER BOULEVARD
 HERNANDO COUNTY, FLORIDA



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HUYTER P. BROWN, P.E.
 FL. REG. NO. 71664

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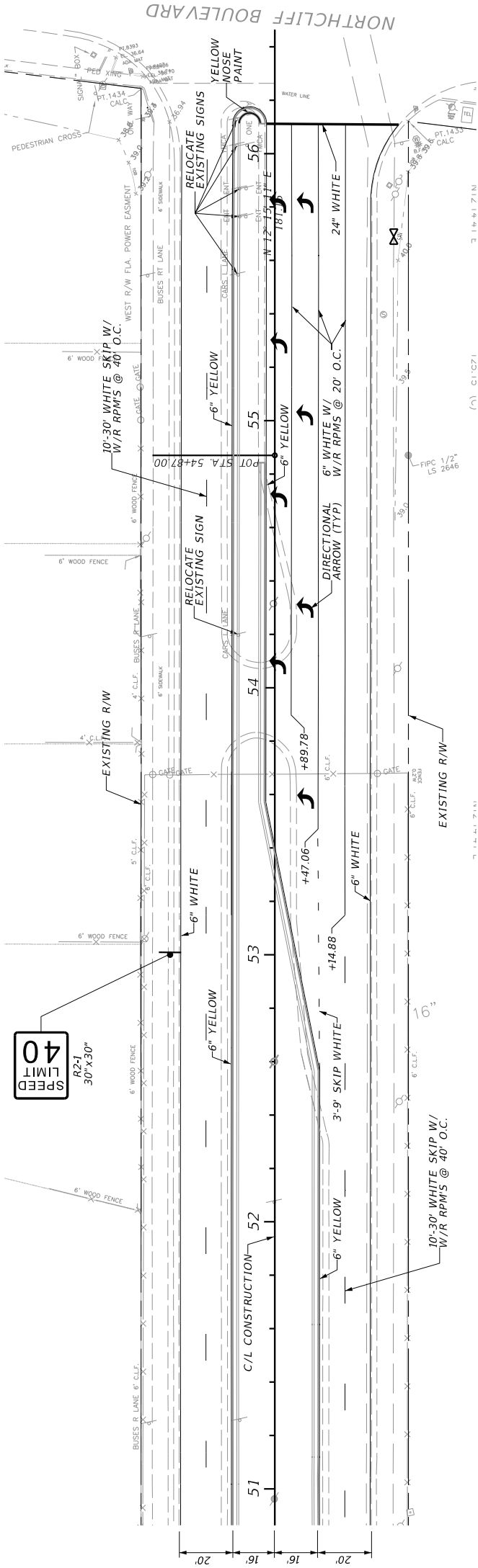
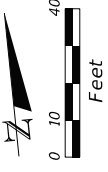
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FL. REG. NO. 74664



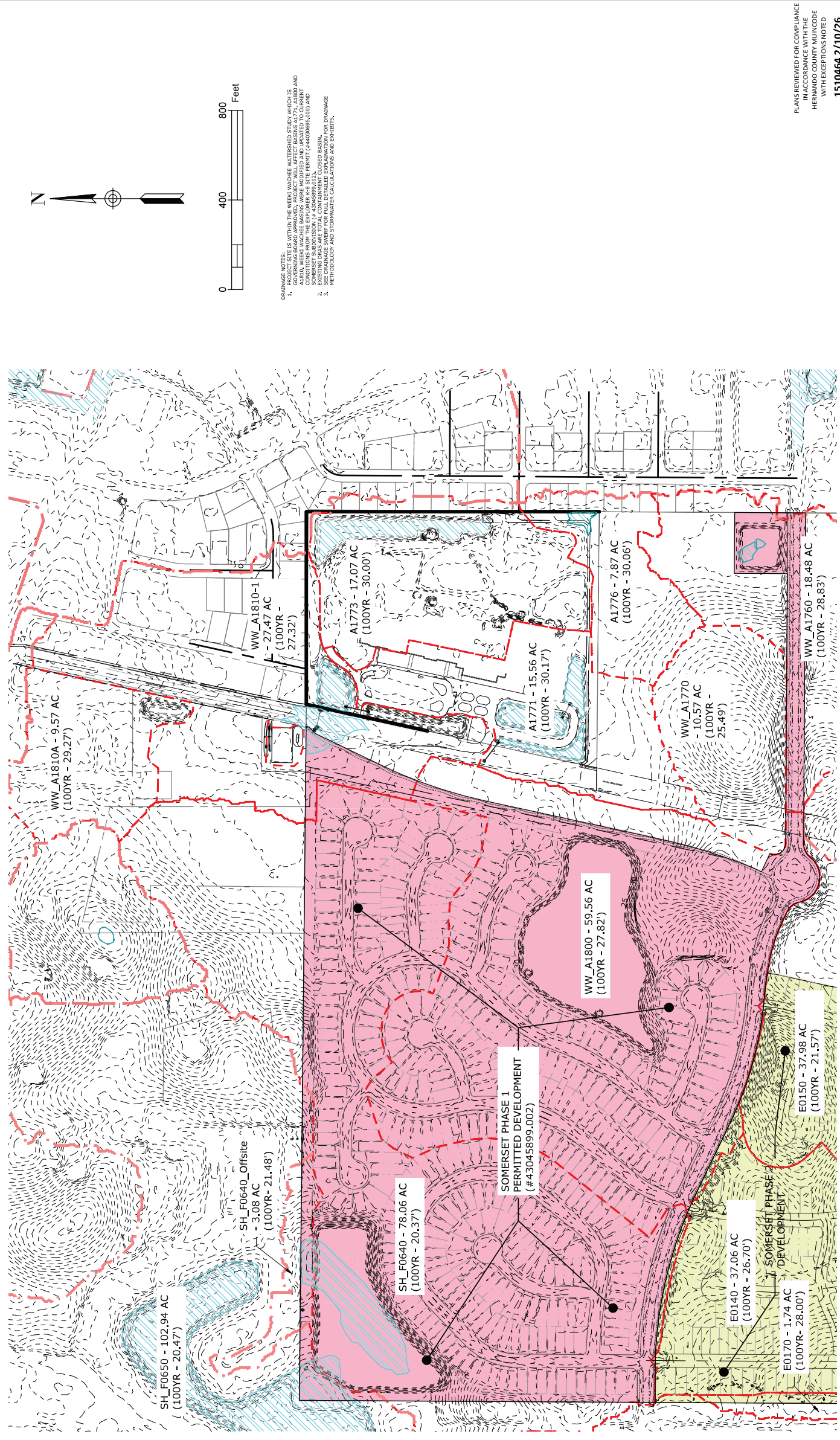
SIGNING & MARKING PLAN (7)

EXPLORER BOULEVARD
HERNANDO COUNTY, FLORIDA

PLANS REVIEWED FOR COMPLIANCE IN ACCORDANCE WITH THE HERNANDO COUNTY MAINTENANCE WITH EXCEPTIONS NOTED

15 SEP 27 2016

22005



DRAINAGE NOTES:
 1. PROJECT SITE IS WITHIN THE WEEKI WACHEE WATERSHED STUDY WHICH IS ALSO A WEEKI WACHEE BASIN. WETLANDS WERE MODIFIED AND UPDATED TO CURRENT DATA. WETLANDS WERE IDENTIFIED USING THE PERMIT #440018955000 AND SOMERSET SUBDIVISION # 440018955000.
 2. EXISTING DRAINAGE AREAS ARE TOTAL CONTAINMENT CLOSED BASIN.
 3. HYDROLOGICAL AND STORMWATER CALCULATIONS AND EXHIBITS.

PLANS REVIEWED FOR COMPLIANCE IN ACCORDANCE WITH THE HERNANDO COUNTY MAJN CODE WITH EXCEPTIONS NOTED
 1510464 2/10/26

EXISTING CONDITIONS DRAINAGE MAP
 SOMERSET BAY
 HERNANDO COUNTY, FLORIDA

THE ISSUANCE OF THIS SHEET SHALL NOT BE CONSIDERED AN ENDORSEMENT BY THE BOARD OF COUNTY COMMISSIONERS OF HERNANDO COUNTY, FLORIDA.
 REGULATORY DIVISION

DR-1

22005

COASTAL DESIGN CONSULTANTS

PLANNING, ANALYSIS, DESIGN, AND CONSTRUCTION SERVICES PROVIDED & SEALED BY REGISTERED PROFESSIONAL ENGINEER

HUNTER P. BROWN, P.E.
 FL. REG. NO. 74864

Engineering Planning Environmental Transportation Construction Management

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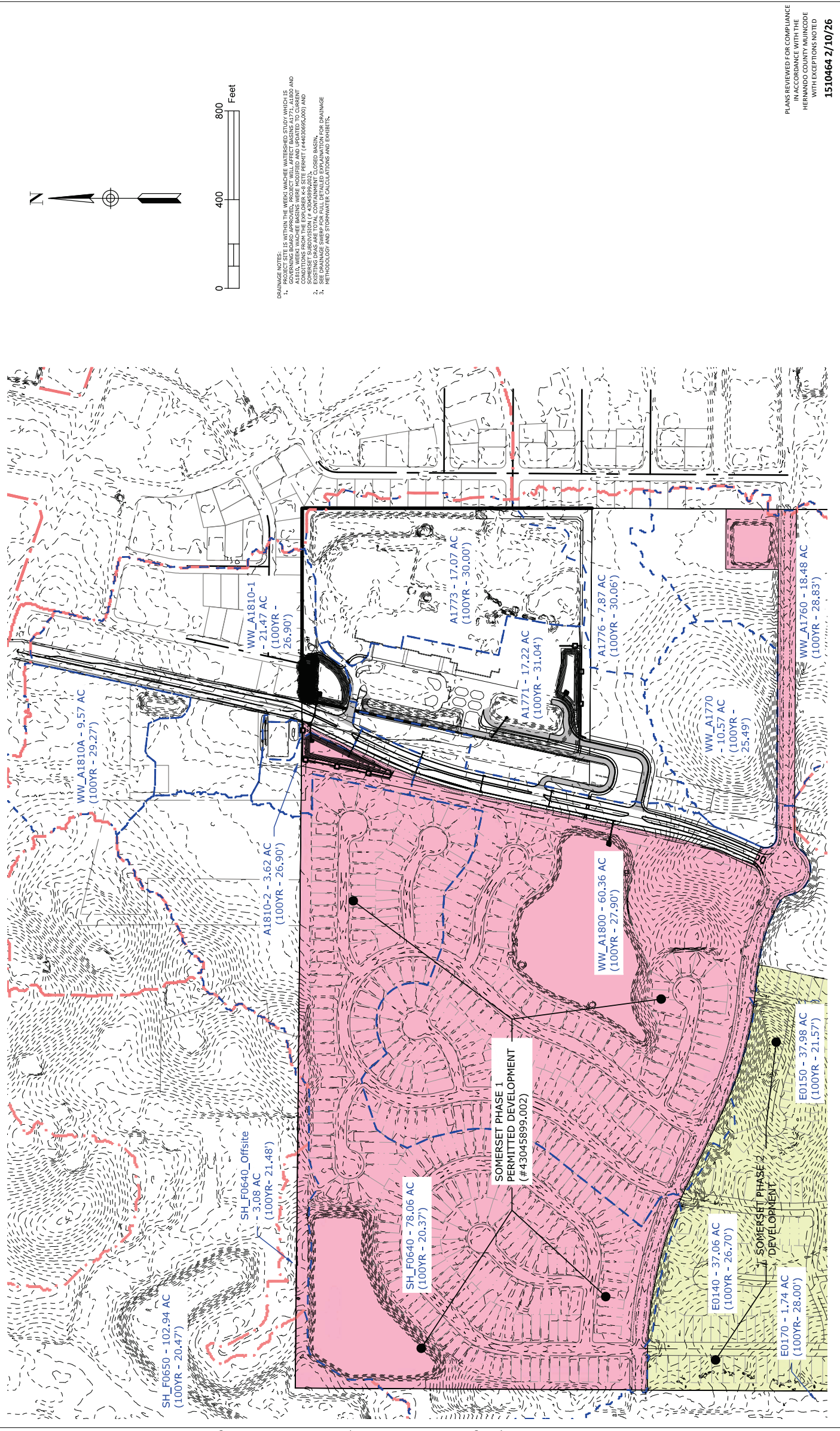
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WHEN PRINTED TO SCALE, DRAWING SIZE SHALL BE 11" X 17"



DRAINAGE NOTES:
 1. PROJECT SITE IS WITHIN THE WEEK WACHEE WATERSHED STUDY WHICH IS ALSO A WEEK WACHEE BASIN. THE WACHEE BASIN WAS MODIFIED AND UPDATED TO CURRENT YEAR DATA. THE WACHEE BASIN IS LOCATED IN THE WESTERN PART OF SOMERSET SUBDIVISION (#438499.002). THE WACHEE BASIN IS LOCATED IN SOMERSET SUBDIVISION (#438499.002).
 2. EXISTING DRAINAGE AREAS ARE TOTAL CONTAINMENT CLOSED BASIN.
 3. METHODOLOGY AND STORMWATER CALCULATIONS AND EXHIBITS.

PLANS REVIEWED FOR COMPLIANCE IN ACCORDANCE WITH THE HERMANO COUNTY MUNICODÉ WITH EXCEPTIONS NOTED
 1510464 2/10/26

PROPOSED CONDITIONS DRAINAGE MAP
SOMERSET BAY
 HERNANDO COUNTY, FLORIDA

THE ISSUANCE OF THIS SHEET SHALL NOT BE CONSIDERED AN ENDORSEMENT OF ANY CITY, COUNTY OR STATE LAW.

DR-2

REGULATORY DIVISION



DRAWING NUMBER: 1510464
 DESIGNED BY: REGISTERED PROFESSIONAL ENGINEER

HUNTER P. BROWN, P.E.
 FL. REG. NO. 74864

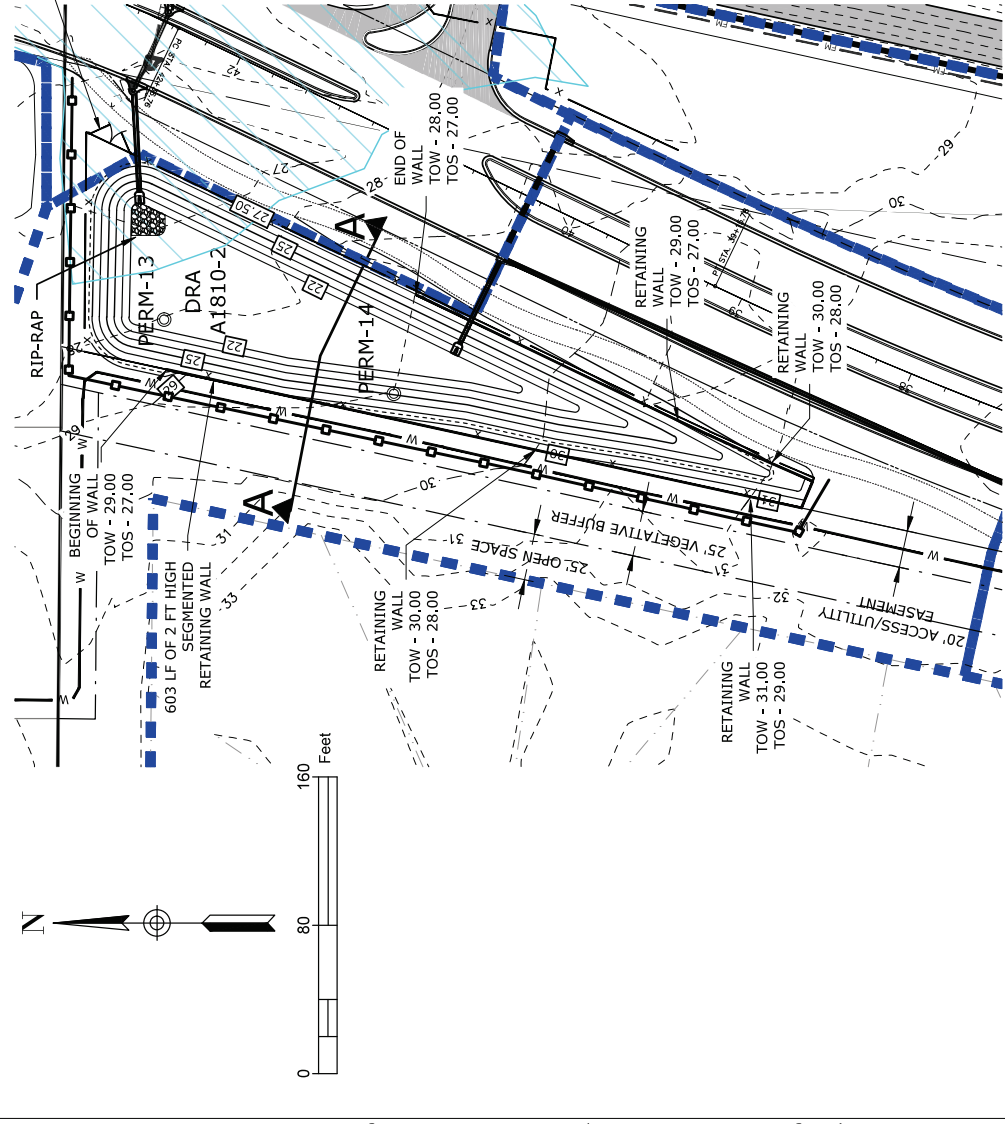
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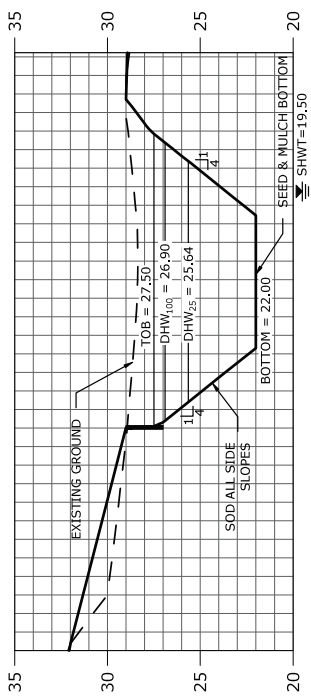
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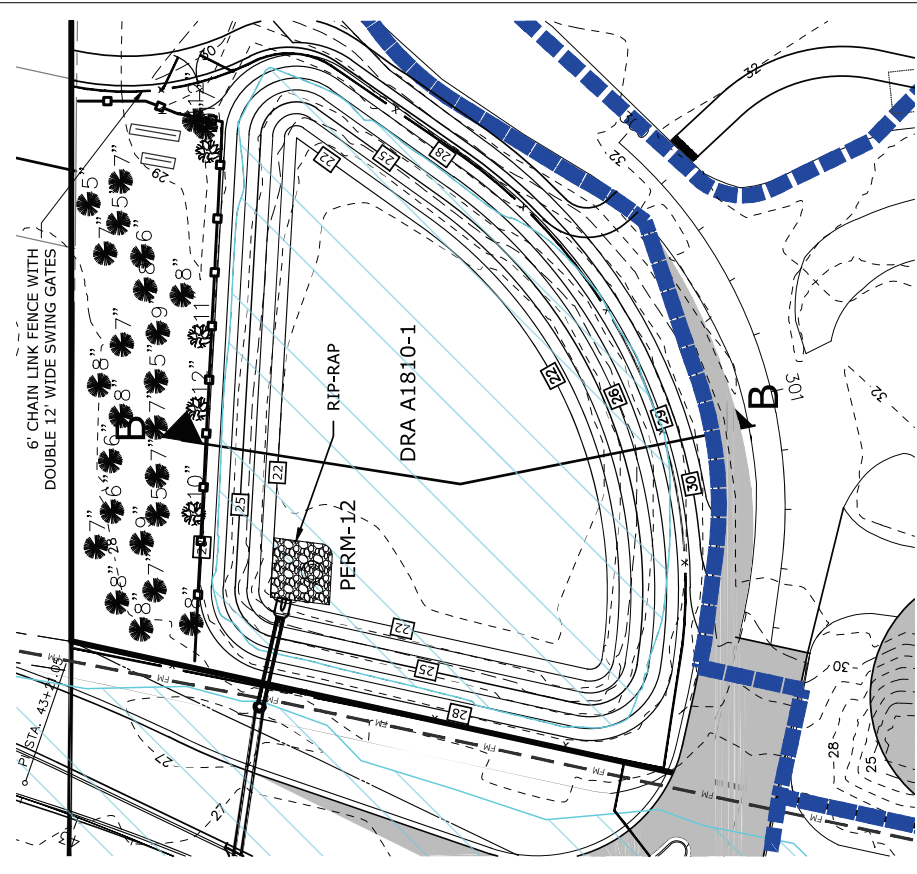
SITE DRA STORMWATER INFORMATION - BASIN A1810-2

| | |
|---|-----------|
| DESCRIPTION | |
| MIN. BERM/T.O.P. ELEV. | 27.20 |
| AREA AT TOP OF BANK (sq ft) | 22,262.45 |
| BOTTOM ELEVATION | 22.00 |
| AREA AT BOTTOM (sq ft) | 7,763.31 |
| SIDE SLOPE | 4:1 |
| SEASONAL HIGH WATER ELEV. | 19.50 |
| 100 YR DESIGN HIGH WATER ELEV. | 26.90 |
| 25 YR DISCHARGE RATE (CF/SEC) | 0 |
| 100 YR DISCHARGE VOLUME (AF) | 0 |
| CONSTANT HEAD FIELD PERMEABILITY TEST RESULTS TEST PERFORMED 8' BELOW GRADE AND MEASURED IN FEET/PERCENT PER HOUR | PERM-13 |
| MODELING ADDS A SAFETY FACTOR OF 2 TO VALUES | PERM-14 |

NOTE: DRA IS TOTAL CONTAINMENT CLOSED BASIN AND IS SITUATED AT THE BOTTOM OF THE AREA SO NO EMERGENCY OUTFALL NEED IS PROPOSED.



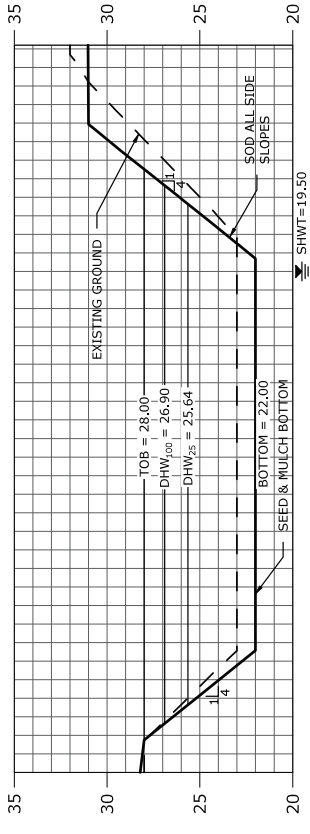
A1810-2 DRA SECTION A-A



SITE DRA STORMWATER INFORMATION - BASIN A1810-1

| | |
|---|-----------|
| DESCRIPTION | |
| MIN. BERM/T.O.P. ELEV. | 26.00 |
| AREA AT TOP OF BANK (sq ft) | 26,996.15 |
| BOTTOM ELEVATION | 22.00 |
| AREA AT BOTTOM (sq ft) | 13,610.13 |
| SIDE SLOPE | 4:1 |
| SEASONAL HIGH WATER ELEV. | 19.50 |
| 100 YR DESIGN HIGH WATER ELEV. | 26.94 |
| 25 YR DISCHARGE RATE (CF/SEC) | 0 |
| 100 YR DISCHARGE VOLUME (AF) | 0 |
| CONSTANT HEAD FIELD PERMEABILITY TEST RESULTS TEST PERFORMED 8' BELOW GRADE AND MEASURED IN FEET/PERCENT PER HOUR | PERM-12 |
| MODELING ADDS A SAFETY FACTOR OF 2 TO VALUES | PERM-12 |

NOTE: DRA IS TOTAL CONTAINMENT CLOSED BASIN AND IS SITUATED AT THE BOTTOM OF THE AREA SO NO EMERGENCY OUTFALL NEED IS PROPOSED.



A1810-1 DRA SECTION B-B

| DATE | REV. | BY/REV. NO. | REVISION |
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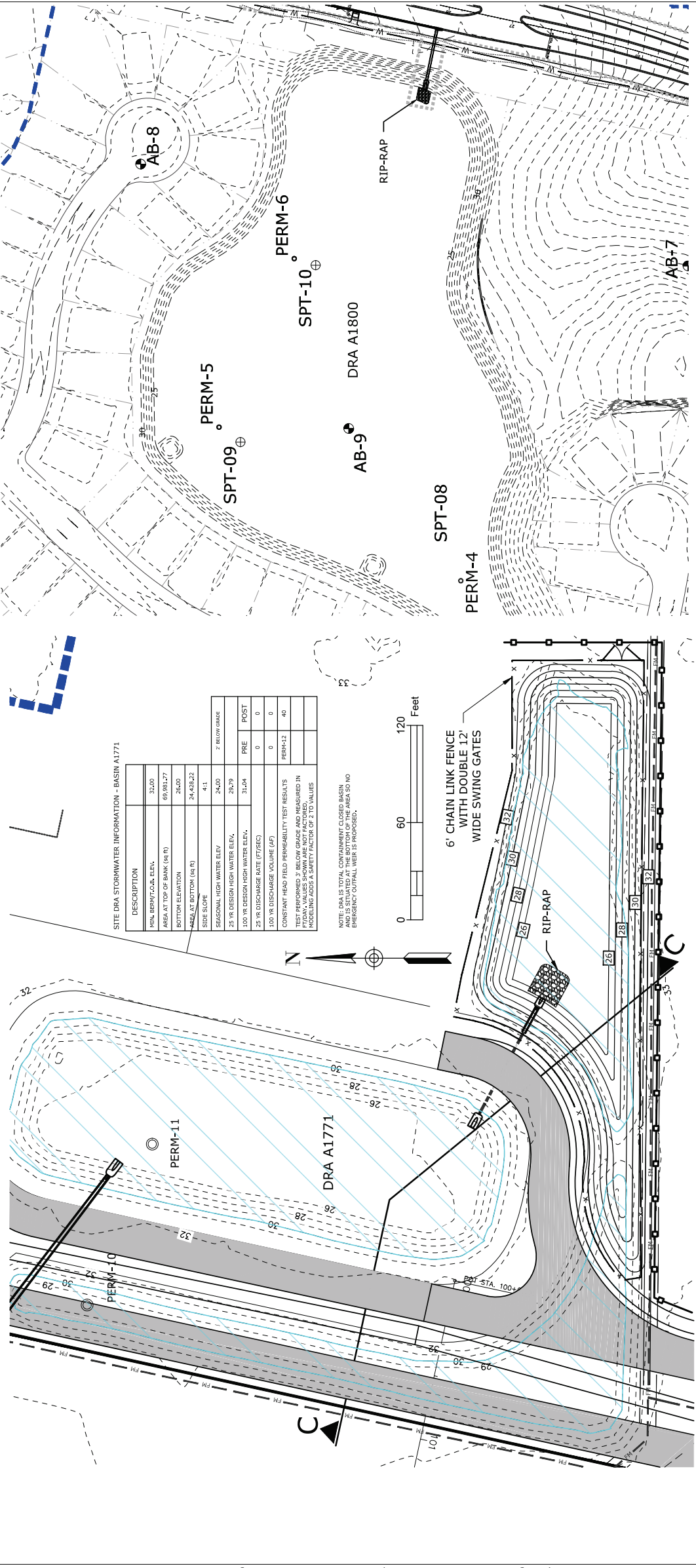
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 FL. REG. NO. 74864

COASTAL DESIGN CONSULTANTS

DRA CROSS SECTION PLAN (11" X 17")
 SOMERSET BAY
 HERNANDO COUNTY, FLORIDA
 1510464 2/10/26
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DR-3
 22005

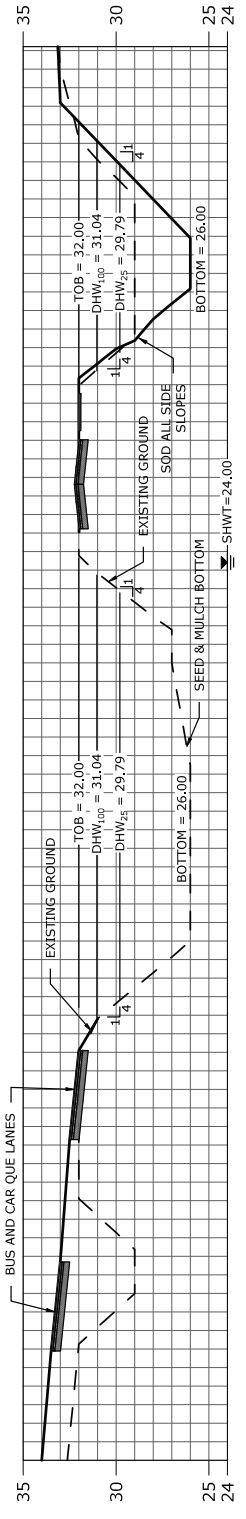
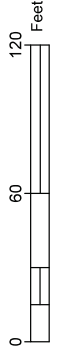
PLANS REVIEWED FOR COMPLIANCE IN ACCORDANCE WITH THE HERNANDO COUNTY MUNICIPAL ENGINEERING DEPARTMENT WITH EXCEPTIONS NOTED
 1510464 2/10/26



SITE DRA STORMWATER INFORMATION - BASIN A1771

| DESCRIPTION | VALUE |
|--|-----------|
| MIN. BERM FCBL ELEV. | 25.00 |
| AREA AT TOP OF BANK (SQ FT) | 69,981.27 |
| BOTTOM ELEVATION | 26.00 |
| AREA AT BOTTOM (SQ FT) | 24,439.23 |
| SIDE SLOPE | 4:1 |
| SEASONAL HIGH WATER ELEV. | 26.00 |
| 25 YR DESIGN HIGH WATER ELEV. | 26.79 |
| 100 YR DESIGN HIGH WATER ELEV. | 31.04 |
| 25 YR DISCHARGE RATE (FT/SEC) | 0 |
| 100 YR DISCHARGE RATE (FT/SEC) | 0 |
| CONSTANT HEAD FIELD PERMEABILITY TEST RESULTS | PERM-12 |
| TEST PERFORMED 3'-4" BELOW GRADE AND MEASURED IN FT/DAY. VALUES SHOWN ARE NOT FACTORED. MODELING ADDS A SAFETY FACTOR OF 2 TO VALUES | 40 |

NOTE: DRA IS TOTAL CONTAINMENT CLOSER BASIN AND IS SITUATED AT THE BOTTOM OF THE AREA SO NO EMERGENCY OUTFALL WEIR IS PROPOSED.



A1771 DRA SECTION C-C

1"=40' h
1"=8' v

SITE DRA STORMWATER INFORMATION - BASIN A1800

| DESCRIPTION | VALUE |
|--|------------|
| MIN. BERM FCBL ELEV. | 30.00 |
| AREA AT TOP OF BANK (SQ FT) | 383,954.62 |
| BOTTOM ELEVATION | 25.00 |
| AREA AT BOTTOM (SQ FT) | 341,566.05 |
| SIDE SLOPE | 4:1 |
| SEASONAL HIGH WATER ELEV. | 25.00 |
| 25 YR DESIGN HIGH WATER ELEV. | 26.78 |
| 100 YR DESIGN HIGH WATER ELEV. | 27.90 |
| 25 YR DISCHARGE RATE (FT/SEC) | 0 |
| 100 YR DISCHARGE RATE (FT/SEC) | 0 |
| CONSTANT HEAD FIELD PERMEABILITY TEST RESULTS | PERM-4 |
| TEST PERFORMED 3'-4" BELOW GRADE AND MEASURED IN FT/DAY. VALUES SHOWN ARE NOT FACTORED. MODELING ADDS A SAFETY FACTOR OF 2 TO VALUES | 40 |

| DATE | REV. | BY/REV. NO. | REVISION |
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HUNTER P. BROWN, P.E.
FL. REG. NO. 74864

COASTAL
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DRA CROSS SECTION PLAN (2)
SOMERSET BAY
HERNANDO COUNTY, FLORIDA
1510464 2/10/26
DR-4
THE ESSENCE OF THE SHEET SHALL NOT BE CHANGED BY REGISTERED PROFESSIONAL ENGINEER
HERNANDO COUNTY OR STATE LAW
REGULATORY DIVISION

REGULATORY REQUIREMENTS FOR CONSTRUCTION PROJECTS INCLUDE:

- ENVIRONMENTAL RESOURCE PERMIT (ERP), CONSTRUCTION SURFACE WATER MANAGEMENT PLAN
 - PURPOSE: PREVENT EROSION AND SEDIMENT DEPOSIT IN WETLANDS/SURFACE WATERS OR ADJACENT PROPERTIES, PREVENT OFFSITE FLOODING, PREVENT VIOLATIONS OF STATE WATER QUALITY STANDARDS.
 - REGULATORY AGENCY: STATE OF FLORIDA WATER MANAGEMENT DISTRICTS
 - APPLIES TO: ALL CONSTRUCTION PROJECTS UNLESS SPECIFICALLY EXEMPT BY RULE.
 - RESPONSIBLE ENTITY: ENVIRONMENTAL RESOURCE PERMITTEE SHALL BE RESPONSIBLE FOR ENSURING COMPLIANCE.
 - REQUIREMENTS: ALL PERMITTED PROJECTS SHALL PREPARE AND MAINTAIN A CONSTRUCTION SURFACE WATERS MANAGEMENT PLAN (CSWMP) IN ACCORDANCE WITH F.A.C. 40B.05, RULES, PART B, BASIS OF REVIEW, SECTION 2.8.
- MAJOR COMPONENTS OF THE CSWMP**
- 1) SITE PLAN
 - 2) TOPOGRAPHY AND HYDROLOGIC DATA
 - 3) CONSTRUCTION DETAILS.
 - 4) PROCEDURES TO CONTROL EROSION AND SEDIMENTATION.
 - 5) PROCEDURES FOR STORMWATER MANAGEMENT.
 - 6) BEST MANAGEMENT PRACTICES.
 - 7) INSPECTION RECORDS.

SEE THE FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL, APRIL 2006 (OR LATEST EDITION) FOR ADDITIONAL INFORMATION, AND

CHAPTER 6, "THE FLORIDA DEVELOPMENT MANUAL: A GUIDE TO SOUND LAND AND WATER MANAGEMENT," (FDEP 1988) CONSTRUCTION SURFACE WATER MANAGEMENT RESPONSIBLE ENTITY

NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES)

PURPOSE: PREVENT THE DISCHARGE OF POLLUTANTS ASSOCIATED WITH CONSTRUCTION ACTIVITIES TO SURFACE WATERS OF THE STATE.

REGULATORY AGENCY: EPA AND STATE OF FLORIDA DEPT. OF ENVIRONMENTAL PROTECTION

APPLIES TO: ALL CONSTRUCTION PROJECTS DISTURBING ONE (1) OR MORE ACRES OF LAND UNLESS SPECIFICALLY EXEMPT BY RULE.

RESPONSIBLE ENTITY: THE "OPERATOR" AS DEFINED IN F.A.C. 62-621.300(4)(a) SHALL BE RESPONSIBLE FOR ENSURING COMPLIANCE. TYPICALLY THE CONTRACTOR SHALL BE OPERATOR AND FILE NPDES NOTICE OF INTENT (NOI).

REQUIREMENTS: ALL NON-EXEMPT PROJECTS SHALL PREPARE AND MAINTAIN A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IN ACCORDANCE WITH F.A.C. 62-621. THE SWPPP SHALL BE COMPLETED PRIOR TO SUBMITTAL OF THE NOI AND MAINTAINED THROUGH THE LENGTH OF PROJECT.

MAJOR COMPONENTS OF THE SWPPP

- 1) SITE PLAN.
- 2) TOPOGRAPHY AND HYDROLOGIC DATA
- 3) PROCEDURES TO CONTROL EROSION AND SEDIMENTATION.
- 4) MEASURES TO CONTROL OTHER POLLUTANTS.
- 5) MAINTENANCE PROCEDURES.
- 6) INSPECTION RECORDS.
- 7) OPERATOR CERTIFICATION.

SEE "GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES", MAY 2003 (OR LATEST EDITION) FOR ADDITIONAL INFORMATION.

COMPLIANCE WITH NPDES GENERAL PERMIT CONDITIONS FOR CONSTRUCTION SITES SHALL BE THE CONTRACTOR'S RESPONSIBILITY INCLUDING SUBMITTAL OF THE NPDES NOTICES OF INTENT (NOI) AND TERMINATION (NOT) TO FDEP IN ACCORDANCE WITH STATE AND FEDERAL REGULATIONS.

CONTRACTOR IS ADVISED THAT THIS CONSTRUCTION PLAN SET DOES NOT FULFILL REQUIREMENTS OF THE SWPPP. TO ENSURE COMPLIANCE, ADDITIONAL ITEMS TO BE SUPPLIED AND MAINTAINED ON SITE BY THE CONTRACTOR SHALL INCLUDE:

1. Certification Statement. In accordance with F.A.C. 62-621.305 all documents related to the NPDES permit, including Contractor's SWPPP, shall contain the following statement: "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with the requirements of applicable law. I am a duly licensed professional engineer or geologist in the State of Florida, and I am the person or persons who manage the system, or those persons directly responsible for gathering the information, to the best of my knowledge and belief, true accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations".
2. Subcontractor's Statement. In accordance with document 62-621.300(4)(a), any subcontractors responsible for SWPPP activities shall sign a copy of the following statement "I certify under penalty of law that I understand, and shall comply with, the terms and conditions of the State of Florida Generic Permit for Construction Activities. I am a duly licensed professional engineer or geologist in the State of Florida, and I am the person or persons who manage the system, or those persons directly responsible for gathering the information, to the best of my knowledge and belief, true accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations".
3. Records. Contractors SWPPP shall contain Records of all inspections and maintenance activities as required by permits. A copy of the NOI shall also be kept with the SWPPP. Records are to be maintained for no less than 3 years after final stabilization of the site.
4. Amendments. Contractors SWPPP shall include any modifications to the "Plan" as may be required to address such items as specific construction phasing, changes to controls made in the field, or changes in responsible personnel.

The following documents may be consulted for additional guidance:

- WWW.DEP.STATE.FL.US/LEGAL/RULES/SHARED/62-621.PDF
 - WWW.DEP.STATE.FL.US/WATER/STORMWATER/NPDES/DOCS/SWPPPTRAINING.PDF
 - OR FDEP CAN BE CONTACTED AT 1-850-245-7332 FOR ANY NPDES PERMIT REQUIREMENTS.
- INFORMATION CONTAINED IN THESE CONSTRUCTION PLANS IS INTENDED TO PROVIDE A STARTING POINT FOR THE CSWMP AND SHOULD NOT BE CONSIDERED THE FINAL PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE INFORMATION AND BE PROVIDED BY THE RESPONSIBLE ENTITY TO INCLUDE: INSPECTION RECORDS, UPDATES, MODIFICATIONS, AND CERTIFICATIONS. REFERENCES MADE TO THE "PLAN" IN THE FOLLOWING NOTES REFERS BOTH TO THE CSWMP AND SWPPP AND SHALL BE CONSIDERED TO BE THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE INFORMATION AND BE PROVIDED BY THE RESPONSIBLE ENTITY TO INCLUDE: INSPECTION RECORDS, UPDATES, MODIFICATIONS, AND CERTIFICATIONS. REFERENCES MADE TO THE "PLAN" IN THE FOLLOWING NOTES REFERS BOTH TO THE CSWMP AND SWPPP AND SHALL BE CONSIDERED TO BE THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE INFORMATION AND BE PROVIDED BY THE RESPONSIBLE ENTITY TO INCLUDE: INSPECTION RECORDS, UPDATES, MODIFICATIONS, AND CERTIFICATIONS. REFERENCES MADE TO THE "PLAN" IN THE FOLLOWING NOTES REFERS BOTH TO THE CSWMP AND SWPPP AND SHALL BE CONSIDERED TO BE THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE INFORMATION AND BE PROVIDED BY THE RESPONSIBLE ENTITY TO INCLUDE: INSPECTION RECORDS, UPDATES, MODIFICATIONS, AND CERTIFICATIONS.

EXISTING TOPOGRAPHY: SEE CONSTRUCTION PLAN SHEET DR-1

PROPOSED TOPOGRAPHY: SEE CONSTRUCTION PLAN SHEET DR-2

PREDEVELOPMENT DRAINAGE MAP: SEE SHEET DR-1 & STORMWATER MANAGEMENT REPORT

POST-DEVELOPMENT DRAINAGE MAP: SEE SHEET DR-2 & STORMWATER MANAGEMENT REPORT

SCS SOIL DATA:

| # | NAME | HSC | A |
|----|---------|-----|---|
| 14 | Candler | | |

ADDITIONAL DATA INCLUDING GEOTECHNICAL STUDY AND STORMWATER MANAGEMENT REPORT ARE AVAILABLE FROM THE ENGINEER.

RUNOFF COEFFICIENTS:

- POST-DEVELOPMENT C VALUE = 0.1 UNPAVED
- PRE-DEVELOPMENT C VALUE = 0.5 WITHIN PAVED RWY
- = 0.6 DEVELOPED LOTS

DISCHARGE POINTS AND RECEIVING WATER OR MS4 (UP TO 100 YR / 24 HR EVENT) CLOSED BASIN NO OFF-SITE DISCHARGE

FDOT PRECIPITATION ZONE: ZONE 6

WATER MANAGEMENT DISTRICT RAINFALL DATA:

| | 10 YR / 24 HR = 7.5 INCHES |
|-----------------------------|----------------------------|
| 2.3 YR / 24 HR = 4.7 INCHES | |
| 5 YR / 24 HR = 5.6 INCHES | |
| 25 YR / 24 HR = 9 INCHES | |

CONSTRUCTION ACTIVITIES

1. Sequence of Major Soil Disturbing Activities. The contractor shall base design and construction on the following sequence of activities before beginning other land disturbing activities. Remove perimeter controls only after all upstream areas are stabilized.
 - A. Cleaning, grubbing and earthwork for ponds (unless approved otherwise).
 - B. Storm sewer construction. Install storm pipe in the upstream direction.
 - C. Cleaning and grubbing for utility installation.
 - D. Cleaning, grubbing and earthwork associated with pavement and buildings.
 - E. Remove erosion control measures prior to final demobilization.
2. Areas of Soil Disturbing Activities. Any areas where permanent features are shown to be constructed shall be disturbed.
3. Areas to be Stabilized. All areas disturbed during construction shall be stabilized unless specifically shown otherwise.

CONTROLS

The following discussion defines general guidelines for the use of erosion/sediment controls and stabilization.

1. Temporary and permanent stabilization practices.
 - A. Temporary Seeding. Install at the limits of phasing in all locations where construction activities have ceased and the likelihood of erosion is high.
 - B. Temporary Grassing. Install at all locations where construction activities has temporarily stopped for a period to exceed 14 days.
 - C. Permanent planting, sodding and seeding. All disturbed areas not paved will ultimately receive permanent sodding, seed or mulch unless specifically shown otherwise in plans.
2. Structural Control. Intended to divert, store, retain or otherwise limit storm water flow. Structural controls shall be installed prior to any earthwork or construction activity.
 - A. Silt Fence: Shall be used
 - around perimeter of project area
 - around wetlands or other surface waters,
 - where existing ground slopes away from the project,
 - or wherever there is potential for sediment to migrate offsite.

Typical useful life of silt fence is 6 months.

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& SEALED BY REGISTERED PROFESSIONAL ENGINEER

HUNTER P. BROWN, P.E.
FL. REG. NO. 74864

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Transportation
Construction Management

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FL. REG. NO. 74864

Sheet flow areas may require additional silt fence.

NOTE: Additional silt fence may also be required to designate limits of construction, protect trees, or satisfy local development requirements. Stockpile areas shall include silt fence around the perimeter.

- A. Synthetic Hay Bales. May be used as temporary sediment barrier. The useful life of synthetic hay bales depends on exposure to ultra-violet light but is typically 3 months.
- C. Rock Bags. May be used as temporary measure for inlet protection. Primary use shall be around curb type inlets.
- D. Turbidity Barriers. Shall include stacked or floating type, as required, wherever there is a point source discharges from project area to surface water. Typical useful life of stacked turbidity barriers is 6 months.
- Sediment Basins for areas disturbing 10 acres or more. When discharge is to an Outstanding Florida Waterway. Storage must be sufficient to accommodate the 10 year / 24 hour storm.
- Requirement for sediment trap may be satisfied by utilizing the project storm water ponds. If so, ponds shall be cleaned of excess sediment prior to final acceptance.
- Permanent storm water management controls. As individual phases of construction are performed, permanent control structures shall be installed.
- Other Pollutant Controls.
 - A. Waste Disposal: The Contractor shall be responsible for maintaining field records of their SWPPP activities including disposal of construction debris and waste. Containers shall be disposed of by the contractor according to EPA standard practices as detailed by the manufacturer. No solid materials including building and construction debris shall be placed in, or discharged to, wetlands, surface waters or buried on site.
 - B. Offsite Vehicle Tracking: Loaded haul trucks shall be covered by a tarpaulin. In addition, the contractor shall utilize one or more of the following acceptable methods of control:
 1. Excess dirt on paved roads shall be removed daily.
 2. Soil Tracking Prevention Device may be used where vehicles leave the project area (or enter nearest paved road).
 3. Contractor shall provide pollution control by implementing dust control with water application while dust generating activities are conducted.
 - C. Herbicides / Pesticides: Application rates shall conform to applicable local, state and federal regulations.
 - D. Toxic Substances: operation, migration of all toxic substances shall conform to applicable local, state and federal regulations. Containment areas shall be provided whenever potentially hazardous materials are stored on site.
 - E. Stockpiles: Stockpiles shall be stored as they are received and not stockpiled and no effluents sediment occurs. Soil stockpiles should be protected or adequately covered from stormwater during construction. Simple protection measures can include silt fence or a trench around the base of the stockpile. A tarp or temporary seeding may also provide adequate cover for a soil stockpile. Stockpiles should not be placed near the perimeter of the site, near a waterbody or storm drain inlet, or within 10 feet of an infiltration/exfiltration system. If a stockpile is to remain for an extended period of time adequate long term stabilization and maintenance is required and a minimum should include silt fence and permanent seeding with regular monitoring and maintenance.
 - F. Dust Control: In addition to "Temporary and permanent stabilization practices" described in Item 1 above, during construction/excavation operations periodic watering of exposed soil will be required to control dust. The use of calcium chloride, oil, or other dust control agents is not permitted.
- Non-stormwater Discharges. No non-stormwater discharges to surface waters, wetlands or the MS4 shall be allowed except as specifically approved by applicable permits and regulations.

MAINTENANCE

The Contractor shall be responsible for daily inspection and maintenance of all control devices throughout the construction phase and removal of control devices when no longer necessary.

The following practices shall be used to maintain controls.

1. The Contractor shall maintain rain gages on the project site and keep a record of daily rainfall.
2. The Contractor shall check and ensure proper operation of the controls. If a repair is necessary, it shall be initiated within 24 hours of the inspection.
3. Build-up sediment shall be removed when it has reached 1/2 the height of barrier.
4. Any control which is not functioning as intended shall be repaired or replaced.
5. Sediment sumps, if designed and installed, should have sediment removed as necessary to allow for efficient removal of suspended particles. They should be re-excavated to the design finish grade elevation, if sited in.

Temporary and permanent seeding shall be inspected for bare spots, washouts, and healthy growth. Soil tracking prevention devices shall be maintained to prevent churning or rock loading which may impede usefulness of the stockpile.

NOTE: The PERMITTEE is responsible for ensuring that all controls are properly maintained during and after construction.

INSPECTION AND DOCUMENTATION PROCEDURES

The Contractor shall be responsible for completing weekly inspection report form and maintaining documentation for 3 years following final stabilization. The Contractor shall submit copies of these reports to the permittee for review and approval. Payment for work shown within these construction plans. Additional inspection and documentation must be completed within 24 hours after any significant rainfall event.

NOTE: For NPDES, a significant rainfall shall be 0.5 inches or greater. For ERP, a significant rainfall shall be 0.25 inches or greater. To eliminate confusion, Contractor shall submit a copy of the rainfall report to the permittee within 24 hours of any significant rainfall event.

For projects with minimal potential for discharge to surface waters, it may be possible to adjust this criteria. Contact the Engineer for details. Where sites have been permanently stabilized, inspections/reports shall be conducted at least once per month until construction activities have ceased and NOT has been submitted.

Minimum inspection requirements shall include:

- Points of discharge to wetlands or the State of Florida (i.e., storm sewer).
- Disturbed areas of the site that have not been stabilized.
- Areas used for storage of materials that may create a pollution source (i.e., stockpiles, fuel drums, construction debris) and are exposed to rainfall.
- Structural Control.
- Locations where vehicles enter and exit the site.

The Contractor shall initiate repairs / corrections within 24 hours of any items found to be in non-compliance with the associated permit. Plans reviewed for compliance shall include all items noted in the above list. The Contractor shall complete corrective measures as needed. Contact the Engineer prior to modifying any structural controls which are specifically identified on the drawings. WITH EXCEPTIONS NOTED WITH PERMITS. WITH PERMITS. WITH PERMITS.

NOTE: Specific conditions of all permits may require additional activities above and beyond those outlined above. Check all permit conditions as issued by regulatory agencies to ensure compliance.

1510464 2/10/76

THE ESSENCE OF THE SHEET SHALL NOT BE CHANGED OR ALTERED WITHOUT THE APPROVAL OF HAY CITY COUNTY OR STATE LAW

REGULATORY AGENCY APPROVAL

SWPPP NOTES

SOMERSET BAY

HERNANDO COUNTY, FLORIDA

22005

COASTAL DESIGN CONSULTANTS

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