



SUBMITTAL SUMMARY REPORT MajorSite-000232-2026

PLAN NAME:	Bellevue Substation	LOCATION:	
APPLICATION DATE:	01/09/2026	PARCEL:	4217-223-000
DESCRIPTION:	Application for Major Site Plan of a proposed electrical substation.		

CONTACTS	NAME	COMPANY
Applicant	Biniam Tsegay	SECO Energy, Inc.
Engineer of Record	Biniam Tsegay	SECO Energy, Inc.
Landscape Architect	Suzanne Stancil	MICHAEL PAPE & ASSOCIATES, PA.

SUBMITTAL	STARTED	DUE	COMPLETE	STATUS
OCE: Plan Review (DR) v.4	06/24/2026	07/01/2026	07/06/2026	Approved
OCE: Plan Review (DR) v.3	05/29/2026	06/05/2026	06/05/2026	Requires Re-submit
OCE: Plan Review (DR) v.2	04/07/2026	04/14/2026	04/29/2026	Requires Re-submit
OCE: Plan Review (DR) v.1	01/12/2026	01/27/2026	02/10/2026	Requires Re-submit

SUBMITTAL DETAILS

OCE: Plan Review (DR) v.4

ITEM REVIEW NAME (DEPARTMENT)	ASSIGNED TO	DUE	COMPLETE	STATUS
911 Management (DR) (911 Management)	Jamie Waldron	07/01/2026	06/25/2026	Approved
Environmental Health (Plans) (Environmental Health)	Evan Searcy	07/01/2026	06/25/2026	Approved
Fire Marshal (Plans) (Fire)	Jonathan Kenning	07/01/2026	06/24/2026	Approved
Growth Services Planning & Zoning (DR) (GS Planning and Zoning)	Erik Kramer	07/01/2026	06/24/2026	Approved

Corrections 2.12 - Land Use Designation-subject property (**Resolved**) - **Corrective Action:** On drawing # BV-02-121, please change land use designation from "MED" to "MR". See project data table.

The land use is medium residential, MR for short. - 2.12 - Land Use Designation-subject property: Show existing land use designation the subject property.

Corrections 2.12.5/1.8.2.F - Concurrency Deferral Statement (**Resolved**) - **Corrective Action:** Provide the concurrency statement on the cover sheet. Replace brackets with "Building Permitting" - 2.12.5/1.8.2.F - Concurrency Deferral Statement: Please provide a concurrency statement on the cover sheet according to LDC Sec. 1.8.2 (F) - Concurrency Deferral. An owner may elect to defer required concurrency review and approval for a development application identified in Section 1.8.2.A to a subsequent development application review stage by executing the following "Concurrency Deferral Statement" on the development application plan, or in a separate sworn and notarized affidavit, a copy of which shall be provided to Growth Services and the original shall be recorded in Marion County's Public Records, as applicable: "This project has not been granted concurrency approval and/or granted and/or reserved any public facility capacities. Future rights to develop the resulting property(ies) are subject to a deferred concurrency determination, and final approval to develop the property has not been obtained. The completion of concurrency review and/or approval has been deferred to later development review stages, such as, but not limited to, [list subsequent applications expected pursuant to Section 1.8.2.C as applicable]."

Corrections 2.12/4.2 - Lot setback (**Resolved**) - **Corrective Action:** Provided setbacks shown on BV-02-128 are not consistent with the provided setbacks listed on BV-02-126 Site Data table. East shown = 102 feet. West shown = 216 feet. Fractions over .5 were rounded up. - 2.12/4.2 - Lot setback: Provide required setback and proposed setback in the site data table and show them on the plan.

Corrections 4.4 - Show proposed signs to meet LDC Sec 4.4 (**Resolved**) - **Corrective Action:** Indicate if sign(s) is proposed on site. If so, show proposed sign's location and design. A sign would need to be at least 5 feet setback from the property line and comply with sight triangle regulations for roadway safety. If sign is proposed, staff will review in next submittal. If no sign is proposed, staff will remove this comment. - 4.4 - Show proposed signs to meet LDC Sec 4.4: If sign(s) is proposed on site, show proposed sign's location and design. The signs shall comply with LDC Sec. 4.4. A master sign plan and/or permit may be required.

Corrections 2.12.4/6.11.8 - Parking (**Resolved**) - **Corrective Action:** Number and calculation of required and proposed parking spaces is missing. Please provide correct information in table format. And show area/dimensions of where employees will park. - 2.12.4/6.11.8 - Parking: Provide number and calculation of required and proposed parking spaces in table format, per LDC Sec. 6.11.8. - Parking requirements.

Corrections 2.12.24 - Landscape requirements/6.8.6 - Buffering (**Resolved**) - **Corrective Action:** Location of buffer is not consistent with SUP's condition, and the location of the continuous hedge does is not consistent with Section 4.3.26.E(2). However, proposed buffering/screening meets intent of code Section 4.3.26.E(1). Please discuss at a DRC staff meeting to determine an appropriate path forward. - 2.12.24 - Landscape requirements/6.8.6 - Buffering: Show buffer types, locations, and dimensions of required buffering on plan. Show buffer descriptions and illustrations of each proposed buffer (including longitudinal and transverse cross-sections)

SUBMITTAL SUMMARY REPORT (MajorSite-000232-2026)

ITEM REVIEW NAME (DEPARTMENT)	ASSIGNED TO	DUE	COMPLETE	STATUS
Growth Services Planning & Zoning (DR) (GS Planning and Zoning)	Erik Kramer	07/01/2026	06/24/2026	Approved
Corrections	2.12 - Special Use Permits (Resolved) - Corrective Action: Site has a previously approved special use permit for an electrical substation. Case number 050817SU, Resolution number 05-R-334. Resolution and application materials are uploaded to "Attachments" for applicant's review. - 2.12 - Special Use Permits: List of all approved special use permits, case number, conditions, and the date of approval.			
Corrections	2.12.4/6.11.6 - Construction access (Resolved) - Corrective Action: New construction in an existing residential area, please show construction access per 6.11.6A: "For any phased development, or development within an existing residential area, a plan for the construction access and construction route to the nearest Collector or Arterial road shall be approved by the County prior to construction." - 2.12.4/6.11.6 - Construction access: Show proposed construction access and route on plan, per Sec. 6.11.6. - Construction access/route,.			
Corrections	2.12.4.L & Article 5 - Overlay zones (Resolved) - Corrective Action: Provide note that the site is located within the Secondary Springs Protection Overlay Zone.. - 2.12.4.L & Article 5 - Overlay zones: Provide a statement showing all applicable overlay zones on the subject properties such as Airport Overlay Zones (AOZ), Environmentally Sensitive Overlay Zone (ESOZ), Floodplain, Springs Protection Overlay Zone (SPOZ), Military Operating Area (MOA), Scenic Roads Area (SRA), Wellhead/Wellfield Protection Area (WHPA), Silver Springs Community Redevelopment Area (SSCRA), and CR 475A Visual Enhancement Gateway Development Overlay, etc. Refer to LDC Article 5 - OVERLAY ZONES AND SPECIAL AREAS.			
Corrections	6.5 & 6.6 - Habitat Preservation/Mitigation (Resolved) - Corrective Action: If any listed species are observed/potentially located on site, coordinate with FWC and get required permits. Habitat preservation/mitigation plan shall be submitted to County for records at later stage.			
Corrections	Environmental report indicates 18 potentially occupied gopher tortoise burrows and indicates that at least one gopher tortoise was observed on site. Report seems to indicate that relocation permits would be acquired. Please add a note to the site plan indicating how mitigation would take place in accordance with LDC 6.6.4, please state the page number where the note is added. - 6.5 & 6.6 - Habitat Preservation/Mitigation: Refer to LDC Sec. 6.6 for requirements and design standards if the site contains open water, wetland, listed species, native habitat vegetation, and/or natural open space. When a proposed development or land clearing site is found to include listed species, the application shall identify species and habitat protection as on-site or off-site. The selected option shall be a condition of approval and shall be completed at time of final inspection.			
Corrections	Additional Growth Services Comments (Resolved) - Corrective Action: There is a previously approved Special Use Permit (SUP) with no expiration date. The current plan is not consistent with the SUP's concept plan. The applicant's intent seems to be following today's code regulations for electric substations. If adhering to today's code, specifically Section 4.3.26.A-D, a meeting with DRC would've been required. Strongly recommend scheduling a Development Review Committee (DRC) Thursday staff meeting to discuss a path forward for this project with all reviewing departments. - Additional Growth Services Comments			
Corrections	2.12.5/1.8.2.A - Traffic Capacity Available (Resolved) - Corrective Action: See OCE Traffic's comment on 6.11.3 - Traffic Impact Analysis - 2.12.5/1.8.2.A - Traffic Capacity Available?: The adjoining roadway(s) are currently identified as exceeding their acceptable Level of Service, as such they are not eligible for further development unless and until sufficient capacity is demonstrated to be available or alternative approaches for the proposed development are proposed for consideration and potential approval (e.g., proportionate share, etc.).			
Landscape (Plans) (Parks and Recreation)	Susan Heyen	07/01/2026	06/24/2026	Approved
OCE Design (Plans) (Office of the County Engineer)	Gerald Koch	07/01/2026	07/01/2026	Approved

SUBMITTAL SUMMARY REPORT (MajorSite-000232-2026)

ITEM REVIEW NAME (DEPARTMENT)	ASSIGNED TO	DUE	COMPLETE	STATUS
OCE Property Management (Plans) (Office of the County Engineer)	Delenie Roman	07/01/2026	06/30/2026	Informational
Comments MAP CHECKED. ----- IF APPLICABLE: Sec. 2.18.1.I - Show connections to other phases. Sec.2.19.2.H – Legal Documents Legal documents such as Declaration of Covenants and Restrictions, By-Laws, Articles of Incorporation, ordinances, resolutions, etc. Sec. 6.3.1.B.1 – Required Right of Way Dedication (select as appropriate) For Public Streets. "[All streets and rights-of-way shown on this plat or name specifically if less than all] are hereby dedicated for the use and benefit of the public." Sec. 6.3.1.B.2 – Required Right of Way Dedication For Non-Public Streets. "[All streets and rights-of-way shown on this plat or name specifically if less than all] are hereby dedicated privately to the [entity name]. All public authorities and their personnel providing services to the subdivision are granted an easement for access. The Board of County Commissioners of Marion County, Florida, shall have no responsibility, duty, or liability whatsoever regarding such streets. Marion County is granted an easement for emergency maintenance in the event of a local, state, or federal state of emergency wherein the declaration includes this subdivision or an emergency wherein the health, safety, or welfare of the public is deemed to be at risk." Sec. 6.3.1.D.3 - Cross Access Easements For Cross Access Easements. "All parallel access easements shown on this plat are hereby dedicated for the use and benefit of the public, and maintenance of said easements is the responsibility of [entity name]." Sec. 6.3.1.C.1 - Utility Easements (select as appropriate) "[All utility easements shown or noted or name specifically if less than all] are dedicated [private or to the public] for the construction, installation, maintenance, and operation of utilities by any utility provider." Sec. 6.3.1.C.2 – Utility Easements "[All utility tracts or identify each tract as appropriate] as shown are dedicated [private or to the public] for the construction and maintenance of such facilities." Sec.6.3.1.D(c)(1)(2)(3) - Stormwater easements and facilities, select as appropriate: 1. "[All stormwater and drainage easements as shown or noted or name specifically if less than all] are dedicated [private or to the public] for the construction and maintenance of such facilities." 2. "[All stormwater management tracts or identify each tract as appropriate] as shown are dedicated [private or to the public] for the construction and maintenance of such facilities." 3. When any stormwater easement and/or management tract is not dedicated to the public or Marion County directly, the following statement shall be added to the dedication language: "Marion County is granted the right to perform emergency maintenance on the [stormwater easement and/or management tract, complete accordingly] in the event of a local, state, or federal state of emergency wherein the declaration includes this subdivision or an emergency wherein the health, safety, or welfare of the public is deemed to be at risk." Sec.6.3.1.D(f) – If a Conservation Easement is required the following shall be provided: "A conservation easement [as shown or on tract and identify the tract, complete accordingly] is dedicated to [the Board of County Commissioners of Marion County, Florida or entity name, if not Marion County] for the purpose of preservation of [listed species, habitat, Karst feature and/or native vegetation, complete accordingly]." - DR 6/30/26				
OCE Stormwater (Permits & Plans) (Office of the County Engineer)	Alexander Turnipseed	07/01/2026	06/24/2026	Informational
Comments Please provide a copy of the NPDES permit or NOI as well as the District permit prior to construction				
OCE Survey (Plans) (Office of the County Engineer)	Theresa Smail	07/01/2026	07/01/2026	Approved
OCE Traffic (Permits & Plans) (Office of the County Engineer)	Chris Zeigler	07/01/2026	06/24/2026	Approved
Corrections 6.11.3 - Traffic Impact Analysis (Resolved) - Corrective Action: Provide a traffic statement on the cover sheet. If the traffic exceeds 49 peak hour trips additional analysis may be required. - 6.11.3 - Traffic Impact Analysis: Provide a Traffic Impact Analysis				
Corrections 6.11.5 - Driveway access (Resolved) - Corrective Action: The driveways do not meet spacing requirements. The spacing requirement on CR 475A is 440 feet and the spacing requirement on SE 36th Avenue is 660 feet. A driveway deviation will be issued for the driveway on CR 475A; however, the driveway on SE 36th Avenue must be removed. - 6.11.5 - Driveway access: The driveways must meet the requirements of section 6.11.5.				
Corrections 6.11.4.E - Sight triangle (Resolved) - Corrective Action: Provide a statement on the cover sheet the driveway meets FDOT sight distance criteria and show that sight triangles on the plan to confirm that. - 6.11.4.E - Sight triangle: Show sight triangle at the intersections as specified in Section 6.11.4.E.				
Corrections 6.12.12 - Sidewalks (Resolved) - Corrective Action: Sidewalk is required on both CR 475 A and SE 36th Avenue. Staff supports a waiver to construction of the sidewalk. The waiver has to be approved by the Development Review Committee. Please contact the Development Review Manager at aaron.pool@marionfl.org or 352-671-8338 to get on the Development Review Committee agenda to consider this waiver. - 6.12.12 - Sidewalks: Show sidewalk on the plans as required in section 6.12.12.				
Utilities (OCE Plans) (Utilities)	Heather Proctor	07/01/2026	06/24/2026	Approved
Comments Previously approved - Parcel 4217-223-000 is within the Marion County Utilities service area but is outside of connection distance to public water and sewer. Proposed irrigation will be served by a private well. No other additional flows have been proposed with this project. The project is outside of the Primary Springs Protection Zone and the Urban Growth Boundary.				

OCE: Plan Review (DR) v.3

ITEM REVIEW NAME (DEPARTMENT)	ASSIGNED TO	DUE	COMPLETE	STATUS
911 Management (DR) (911 Management)	Sarah Gurczynski	06/05/2026	06/01/2026	Approved
Environmental Health (Plans) (Environmental Health)	Evan Searcy	06/05/2026	05/29/2026	Approved

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Growth Services Planning & Zoning (DR) (GS)	Erik Kramer	06/05/2026	06/02/2026	Approved
Planning and Zoning)				
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OCE Design (Plans) (Office of the County Engineer)	Gerald Koch	06/05/2026	06/04/2026	Approved

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OCE Property Management (Plans) (Office of the County Engineer)	Delenie Roman	06/05/2026	06/05/2026	Informational
Comments	Checked map/Sunbiz. ----- IF APPLICABLE: Sec. 2.18.1.I - Show connections to other phases. Sec.2.19.2.H – Legal Documents Legal documents such as Declaration of Covenants and Restrictions, By-Laws, Articles of Incorporation, ordinances, resolutions, etc. Sec. 6.3.1.B.1 – Required Right of Way Dedication (select as appropriate) For Public Streets. "[All streets and rights-of-way shown on this plat or name specifically if less than all] are hereby dedicated for the use and benefit of the public." Sec. 6.3.1.B.2 – Required Right of Way Dedication For Non-Public Streets. "[All streets and rights-of-way shown on this plat or name specifically if less than all] are hereby dedicated privately to the [entity name]. All public authorities and their personnel providing services to the subdivision are granted an easement for access. The Board of County Commissioners of Marion County, Florida, shall have no responsibility, duty, or liability whatsoever regarding such streets. Marion County is granted an easement for emergency maintenance in the event of a local, state, or federal state of emergency wherein the declaration includes this subdivision or an emergency wherein the health, safety, or welfare of the public is deemed to be at risk." Sec. 6.3.1.D.3 - Cross Access Easements For Cross Access Easements. "All parallel access easements shown on this plat are hereby dedicated for the use and benefit of the public, and maintenance of said easements is the responsibility of [entity name]." Sec. 6.3.1.C.1 - Utility Easements (select as appropriate) "[All utility easements shown or noted or name specifically if less than all] are dedicated [private or to the public] for the construction, installation, maintenance, and operation of utilities by any utility provider." Sec. 6.3.1.C.2 – Utility Easements "[All utility tracts or identify each tract as appropriate] as shown are dedicated [private or to the public] for the construction and maintenance of such facilities." Sec.6.3.1.D(c)(1)(2)(3) - Stormwater easements and facilities, select as appropriate: 1. "[All stormwater and drainage easements as shown or noted or name specifically if less than all] are dedicated [private or to the public] for the construction and maintenance of such facilities." 2. "[All stormwater management tracts or identify each tract as appropriate] as shown are dedicated [private or to the public] for the construction and maintenance of such facilities." 3. When any stormwater easement and/or management tract is not dedicated to the public or Marion County directly, the following statement shall be added to the dedication language: "Marion County is granted the right to perform emergency maintenance on the [stormwater easement and/or management tract, complete accordingly] in the event of a local, state, or federal state of emergency wherein the declaration includes this subdivision or an emergency wherein the health, safety, or welfare of the public is deemed to be at risk." Sec.6.3.1.D(f) – If a Conservation Easement is required the following shall be provided: "A conservation easement [as shown or on tract and identify the tract, complete accordingly] is dedicated to [the Board of County Commissioners of Marion County, Florida or entity name, if not Marion County] for the purpose of preservation of [listed species, habitat, Karst feature and/or native vegetation, complete accordingly]." - DR 6/5/26			
OCE Stormwater (Permits & Plans) (Office of the County Engineer)	Alexander Turnipseed	06/05/2026	05/29/2026	Informational
Comments	Please provide a copy of the NPDES permit or NOI as well as the District permit prior to construction			
OCE Survey (Plans) (Office of the County Engineer)	Theresa Smail	06/05/2026	06/02/2026	Approved
OCE Traffic (Permits & Plans) (Office of the County Engineer)	Chris Zeigler	06/05/2026	05/31/2026	Requires Re-submit
Corrections	6.11.4.E - Sight triangle (Resolved) - Corrective Action: Provide a statement on the cover sheet the driveway meets FDOT sight distance criteria and show that sight triangles on the plan to confirm that. - 6.11.4.E - Sight triangle: Show sight triangle at the intersections as specified in Section 6.11.4.E.			
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Utilities (OCE Plans) (Utilities)	Heather Proctor	06/05/2026	06/03/2026	Approved
Comments	Previously approved - Parcel 4217-223-000 is within the Marion County Utilities service area but is outside of connection distance to public water and sewer. Proposed irrigation will be served by a private well. No other additional flows have been proposed with this project. The project is outside of the Primary Springs Protection Zone and the Urban Growth Boundary.			

OCE: Plan Review (DR) v.2

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911 Management (DR) (911 Management)	Kristie Wright	04/14/2026	04/09/2026	Approved
Environmental Health (Plans) (Environmental Health)	Evan Searcy	04/14/2026	04/16/2026	Approved

SUBMITTAL SUMMARY REPORT (MajorSite-000232-2026)

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Fire Marshal (Plans) (Fire)			04/14/2026	04/07/2026	Approved
Comments	previously approved				
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Corrections	4.4 - Show proposed signs to meet LDC Sec 4.4 (Resolved) - Corrective Action: Indicate if sign(s) is proposed on site. If so, show proposed sign's location and design. A sign would need to be at least 5 feet setback from the property line and comply with sight triangle regulations for roadway safety. If sign is proposed, staff will review in next submittal. If no sign is proposed, staff will remove this comment. - 4.4 - Show proposed signs to meet LDC Sec 4.4: If sign(s) is proposed on site, show proposed sign's location and design. The signs shall comply with LDC Sec. 4.4. A master sign plan and/or permit may be required.				
Corrections	2.12 - Land Use Designation-subject property (Resolved) - Corrective Action: On drawing # BV-02-121, please change land use designation from "MED" to "MR". See project data table.				
	The land use is medium residential, MR for short. - 2.12 - Land Use Designation-subject property: Show existing land use designation the subject property.				
Corrections	2.12.5/1.8.2.A - Traffic Capacity Available (Resolved) - Corrective Action: See OCE Traffic's comment on 6.11.3 - Traffic Impact Analysis - 2.12.5/1.8.2.A - Traffic Capacity Available?: The adjoining roadway(s) are currently identified as exceeding their acceptable Level of Service, as such they are not eligible for further development unless and until sufficient capacity is demonstrated to be available or alternative approaches for the proposed development are proposed for consideration and potential approval (e.g., proportionate share, etc.).				
Corrections	2.12/4.2 - Lot setback (Resolved) - Corrective Action: Provided setbacks shown on BV-02-128 are not consistent with the provided setbacks listed on BV-02-126 Site Data table. East shown = 102 feet. West shown = 216 feet. Fractions over .5 were rounded up. - 2.12/4.2 - Lot setback: Provide required setback and proposed setback in the site data table and show them on the plan.				
Corrections	Additional Growth Services Comments (Resolved) - Corrective Action: There is a previously approved Special Use Permit (SUP) with no expiration date. The current plan is not consistent with the SUP's concept plan. The applicant's intent seems to be following today's code regulations for electric substations. If adhering to today's code, specifically Section 4.3.26.A-D, a meeting with DRC would've been required. Strongly recommend scheduling a Development Review Committee (DRC) Thursday staff meeting to discuss a path forward for this project with all reviewing departments. - Additional Growth Services Comments				
Corrections	2.12.4/6.11.8 - Parking (Resolved) - Corrective Action: Number and calculation of required and proposed parking spaces is missing. Please provide correct information in table format. And show area/dimensions of where employees will park. - 2.12.4/6.11.8 - Parking: Provide number and calculation of required and proposed parking spaces in table format, per LDC Sec. 6.11.8. - Parking requirements.				
Corrections	2.12.4.L & Article 5 - Overlay zones (Resolved) - Corrective Action: Provide note that the site is located within the Secondary Springs Protection Overlay Zone.. - 2.12.4.L & Article 5 - Overlay zones: Provide a statement showing all applicable overlay zones on the subject properties such as Airport Overlay Zones (AOZ), Environmentally Sensitive Overlay Zone (ESOZ), Floodplain, Springs Protection Overlay Zone (SPOZ), Military Operating Area (MOA), Scenic Roads Area (SRA), Wellhead/Wellfield Protection Area (WHPA), Silver Springs Community Redevelopment Area (SSCRA), and CR 475A Visual Enhancement Gateway Development Overlay, etc. Refer to LDC Article 5 - OVERLAY ZONES AND SPECIAL AREAS.				
Corrections	2.12.4/6.11.6 - Construction access (Resolved) - Corrective Action: New construction in an existing residential area, please show construction access per 6.11.6A: "For any phased development, or development within an existing residential area, a plan for the construction access and construction route to the nearest Collector or Arterial road shall be approved by the County prior to construction." - 2.12.4/6.11.6 - Construction access: Show proposed construction access and route on plan, per Sec. 6.11.6. - Construction access/route,.				
Corrections	2.12.24 - Landscape requirements/6.8.6 - Buffering (Resolved) - Corrective Action: Location of buffer is not consistent with SUP's condition, and the location of the continuous hedge does is not consistent with Section 4.3.26.E(2). However, proposed buffering/screening meets intent of code Section 4.3.26.E(1). Please discuss at a DRC staff meeting to determine an appropriate path forward. - 2.12.24 - Landscape requirements/6.8.6 - Buffering: Show buffer types, locations, and dimensions of required buffering on plan. Show buffer descriptions and illustrations of each proposed buffer (including longitudinal and transverse cross-sections)				
Corrections	2.12 - Special Use Permits (Resolved) - Corrective Action: Site has a previously approved special use permit for an electrical substation. Case number 050817SU, Resolution number 05-R-334. Resolution and application materials are uploaded to "Attachments" for applicant's review. - 2.12 - Special Use Permits: List of all approved special use permits, case number, conditions, and the date of approval.				
Corrections	2.12.5/1.8.2.F - Concurrency Deferral Statement (Resolved) - Corrective Action: Provide the concurrency statement on the cover sheet. Replace brackets with "Building Permitting" - 2.12.5/1.8.2.F - Concurrency Deferral Statement: Please provide a concurrency statement on the cover sheet according to LDC Sec. 1.8.2 (F) - Concurrency Deferral. An owner may elect to defer required concurrency review and approval for a development application identified in Section 1.8.2.A to a subsequent development application review stage by executing the following "Concurrency Deferral Statement" on the development application plan, or in a separate sworn and notarized affidavit, a copy of which shall be provided to Growth Services and the original shall be recorded in Marion County's Public Records, as applicable: "This project has not been granted concurrency approval and/or granted and/or reserved any public facility capacities. Future rights to develop the resulting property(ies) are subject to a deferred concurrency determination, and final approval to develop the property has not been obtained. The completion of concurrency review and/or approval has been deferred to later development review stages, such as, but not limited to, [list subsequent applications expected pursuant to Section 1.8.2.C as applicable]."				
Corrections	6.5 & 6.6 - Habitat Preservation/Mitigation (Resolved) - Corrective Action: If any listed species are observed/potentially located on site, coordinate with FWC and get required permits. Habitat preservation/mitigation plan shall be submitted to County for records at later stage.				
	Environmental report indicates 18 potentially occupied gopher tortoise burrows and indicates that at least one gopher tortoise was observed on site. Report seems to indicate that relocation permits would be acquired. Please add a note to the site plan indicating how mitigation would take place in accordance with LDC 6.6.4, please state the page number where the note is added. - 6.5 & 6.6 - Habitat Preservation/Mitigation: Refer to LDC Sec. 6.6 for requirements and design standards if the site contains open water, wetland, listed species, native habitat vegetation, and/or natural open space. When a proposed development or land clearing site is found to include listed species, the application shall identify species and habitat protection as on-site or off-site. The selected option shall be a condition of approval and shall be completed at time of final inspection.				
Landscape (Plans) (Parks and Recreation)		Susan Heyen	04/14/2026	04/09/2026	Approved

SUBMITTAL SUMMARY REPORT (MajorSite-000232-2026)

ITEM REVIEW NAME (DEPARTMENT)	ASSIGNED TO	DUE	COMPLETE	STATUS
OCE Design (Plans) (Office of the County Engineer)	William Poole	04/14/2026	04/14/2026	Approved
OCE Property Management (Plans) (Office of the County Engineer)	Elizabeth Woods	04/14/2026	04/14/2026	Informational
Comments	IF APPLICABLE: Sec. 2.18.1.I - Show connections to other phases. Sec.2.19.2.H – Legal Documents Legal documents such as Declaration of Covenants and Restrictions, By-Laws, Articles of Incorporation, ordinances, resolutions, etc. Sec. 6.3.1.B.1 – Required Right of Way Dedication (select as appropriate) For Public Streets. "[All streets and rights-of-way shown on this plat or name specifically if less than all] are hereby dedicated for the use and benefit of the public." Sec. 6.3.1.B.2 – Required Right of Way Dedication For Non-Public Streets. "[All streets and rights-of-way shown on this plat or name specifically if less than all] are hereby dedicated privately to the [entity name]. All public authorities and their personnel providing services to the subdivision are granted an easement for access. The Board of County Commissioners of Marion County, Florida, shall have no responsibility, duty, or liability whatsoever regarding such streets. Marion County is granted an easement for emergency maintenance in the event of a local, state, or federal state of emergency wherein the declaration includes this subdivision or an emergency wherein the health, safety, or welfare of the public is deemed to be at risk." Sec. 6.3.1.D.3 - Cross Access Easements For Cross Access Easements. "All parallel access easements shown on this plat are hereby dedicated for the use and benefit of the public, and maintenance of said easements is the responsibility of [entity name]." Sec. 6.3.1.C.1 - Utility Easements (select as appropriate) "[All utility easements shown or noted or name specifically if less than all] are dedicated [private or to the public] for the construction, installation, maintenance, and operation of utilities by any utility provider." Sec. 6.3.1.C.2 – Utility Easements "[All utility tracts or identify each tract as appropriate] as shown are dedicated [private or to the public] for the construction and maintenance of such facilities." Sec.6.3.1.D(c)(1)(2)(3) - Stormwater easements and facilities, select as appropriate: 1. "[All stormwater and drainage easements as shown or noted or name specifically if less than all] are dedicated [private or to the public] for the construction and maintenance of such facilities." 2. "[All stormwater management tracts or identify each tract as appropriate] as shown are dedicated [private or to the public] for the construction and maintenance of such facilities." 3. When any stormwater easement and/or management tract is not dedicated to the public or Marion County directly, the following statement shall be added to the dedication language: "Marion County is granted the right to perform emergency maintenance on the [stormwater easement and/or management tract, complete accordingly] in the event of a local, state, or federal state of emergency wherein the declaration includes this subdivision or an emergency wherein the health, safety, or welfare of the public is deemed to be at risk." Sec.6.3.1.D(f) – If a Conservation Easement is required the following shall be provided: "A conservation easement [as shown or on tract and identify the tract, complete accordingly] is dedicated to [the Board of County Commissioners of Marion County, Florida or entity name, if not Marion County] for the purpose of preservation of [listed species, habitat, Karst feature and/or native vegetation, complete accordingly]."			
OCE Stormwater (Permits & Plans) (Office of the County Engineer)	Alexander Turnipseed	04/14/2026	04/10/2026	Requires Re-submit
Corrections	6.13.2.B(8) - Calculation & Plan Consistency (Not Resolved) - Corrective Action: This item will be reviewed upon resubmittal - 6.13.2.B(8) - Calculation & Plan Consistency: Calculations must be consistent with the plan sheets and other supporting details. Calculations shall use standard methodology recognized in the State of Florida, including hand and/or computerized calculations.			
Corrections	6.13.6.C - Best Management Practices (Not Resolved) - Corrective Action: Please provide a karst repair detail			
Corrections	Additional Stormwater comments (Not Resolved) - Corrective Action: (1) Info: Please provide a copy of the NPDES permit or NOI as well as the District permit prior to construction. (2) Info: If you have questions or would like to discuss the stormwater review comments, please contact Alexander Turnipseed at (352) 671-8376 or at alexander.turnipseed@marionfl.org. - Additional Stormwater comments			
OCE Survey (Plans) (Office of the County Engineer)	Theresa Smail	04/14/2026	04/13/2026	Approved
OCE Traffic (Permits & Plans) (Office of the County Engineer)	Chris Zeigler	04/14/2026	04/07/2026	Requires Re-submit
Corrections	6.12.12 - Sidewalks (Not Resolved) - Corrective Action: Sidewalk is required on both CR 475 A and SE 36th Avenue. Staff supports payment of a sidewalk fee in-lieu of construction. The fee must be approved by the Development Review Committee. If approved by the Development Review Committee, the fee comes out to \$26,625.00 and must be paid prior to final plan approval. - 6.12.12 - Sidewalks: Show sidewalk on the plans as required in section 6.12.12.			
Corrections	6.11.5 - Driveway access (Resolved) - Corrective Action: The driveways do not meet spacing requirements. The spacing requirement on CR 475A is 440 feet and the spacing requirement on SE 36th Avenue is 660 feet. A driveway deviation will be issued for the driveway on CR 475A; however, the driveway on SE 36th Avenue must be removed. - 6.11.5 - Driveway access: The driveways must meet the requirements of section 6.11.5.			
Corrections	6.11.4.E - Sight triangle (Resolved) - Corrective Action: Provide a statement on the cover sheet the driveway meets FDOT sight distance criteria and show that sight triangles on the plan to confirm that. - 6.11.4.E - Sight triangle: Show sight triangle at the intersections as specified in Section 6.11.4.E.			
Corrections	6.11.3 - Traffic Impact Analysis (Resolved) - Corrective Action: Provide a traffic statement on the cover sheet. If the traffic exceeds 49 peak hour trips additional analysis may be required. - 6.11.3 - Traffic Impact Analysis: Provide a Traffic Impact Analysis			
Comments	A waiver from the Development Review Committee is required to not construct the sidewalk.			

SUBMITTAL SUMMARY REPORT (MajorSite-000232-2026)

ITEM REVIEW NAME (DEPARTMENT)	ASSIGNED TO	DUE	COMPLETE	STATUS
Utilities (OCE Plans) (Utilities)	Carrie Hyde	04/14/2026	04/09/2026	Approved
<i>Comments</i> Parcel 4217-223-000 is within the Marion County Utilities service area but is outside of connection distance to public water and sewer. Proposed irrigation will be served by a private well. No other additional flows have been proposed with this project. The project is outside of the Primary Springs Protection Zone and the Urban Growth Boundary.				
OCE: Plan Review (DR) v.1				
ITEM REVIEW NAME (DEPARTMENT)	ASSIGNED TO	DUE	COMPLETE	STATUS
911 Management (DR) (911 Management)	Janet Warbach	01/27/2026	01/14/2026	Approved
Environmental Health (Plans) (Environmental Health)	Evan Searcy	01/27/2026	01/20/2026	Approved
Fire Marshal (Plans) (Fire)	Jonathan Kenning	01/27/2026	01/12/2026	Approved
<i>Comments</i> FIRE REVIEW COMPLETE				
Growth Services Planning & Zoning (DR) (GS Planning and Zoning)	Erik Kramer	01/27/2026	01/28/2026	Requires Re-submit
<i>Corrections</i> 2.12 - Land Use Designation-subject property (Not Resolved) - Corrective Action: On drawing # BV-02-121, please change land use designation from "MED" to "MR". See project data table.				
The land use is medium residential, MR for short. - 2.12 - Land Use Designation-subject property: Show existing land use designation the subject property.				
<i>Corrections</i> 2.12 - Special Use Permits (Not Resolved) - Corrective Action: Site has a previously approved special use permit for an electrical substation. Case number 050817SU, Resolution number 05-R-334. Resolution and application materials are uploaded to "Attachments" for applicant's review. - 2.12 - Special Use Permits: List of all approved special use permits, case number, conditions, and the date of approval.				
<i>Corrections</i> 4.4 - Show proposed signs to meet LDC Sec 4.4 (Not Resolved) - Corrective Action: Indicate if sign(s) is proposed on site. If so, show proposed sign's location and design. A sign would need to be at least 5 feet setback from the property line and comply with sight triangle regulations for roadway safety. If sign is proposed, staff will review in next submittal. If no sign is proposed, staff will remove this comment. - 4.4 - Show proposed signs to meet LDC Sec 4.4: If sign(s) is proposed on site, show proposed sign's location and design. The signs shall comply with LDC Sec. 4.4. A master sign plan and/or permit may be required.				
<i>Corrections</i> 6.5 & 6.6 - Habitat Preservation/Mitigation (Not Resolved) - Corrective Action: If any listed species are observed/potentially located on site, coordinate with FWC and get required permits. Habitat preservation/mitigation plan shall be submitted to County for records at later stage.				
Environmental report indicates 18 potentially occupied gopher tortoise burrows and indicates that at least one gopher tortoise was observed on site. Report seems to indicate that relocation permits would be acquired. Please add a note to the site plan indicating how mitigation would take place in accordance with LDC 6.6.4, please state the page number where the note is added. - 6.5 & 6.6 - Habitat Preservation/Mitigation: Refer to LDC Sec. 6.6 for requirements and design standards if the site contains open water, wetland, listed species, native habitat vegetation, and/or natural open space. When a proposed development or land clearing site is found to include listed species, the application shall identify species and habitat protection as on-site or off-site. The selected option shall be a condition of approval and shall be completed at time of final inspection.				
<i>Corrections</i> 2.12.5/1.8.2.F - Concurrency Deferral Statement (Not Resolved) - Corrective Action: Provide the concurrency statement on the cover sheet. Replace brackets with "Building Permitting" - 2.12.5/1.8.2.F - Concurrency Deferral Statement: Please provide a concurrency statement on the cover sheet according to LDC Sec. 1.8.2 (F) - Concurrency Deferral. An owner may elect to defer required concurrency review and approval for a development application identified in Section 1.8.2.A to a subsequent development application review stage by executing the following "Concurrency Deferral Statement" on the development application plan, or in a separate sworn and notarized affidavit, a copy of which shall be provided to Growth Services and the original shall be recorded in Marion County's Public Records, as applicable: "This project has not been granted concurrency approval and/or granted and/or reserved any public facility capacities. Future rights to develop the resulting property(ies) are subject to a deferred concurrency determination, and final approval to develop the property has not been obtained. The completion of concurrency review and/or approval has been deferred to later development review stages, such as, but not limited to, [list subsequent applications expected pursuant to Section 1.8.2.C as applicable]."				
<i>Corrections</i> 2.12.5/1.8.2.A - Traffic Capacity Available (Not Resolved) - Corrective Action: See OCE Traffic's comment on 6.11.3 - Traffic Impact Analysis - 2.12.5/1.8.2.A - Traffic Capacity Available?: The adjoining roadway(s) are currently identified as exceeding their acceptable Level of Service, as such they are not eligible for further development unless and until sufficient capacity is demonstrated to be available or alternative approaches for the proposed development are proposed for consideration and potential approval (e.g., proportionate share, etc.).				
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<i>Corrections</i> Additional Growth Services Comments (Not Resolved) - Corrective Action: There is a previously approved Special Use Permit (SUP) with no expiration date. The current plan is not consistent with the SUP's concept plan. The applicant's intent seems to be following today's code regulations for electric substations. If adhering to today's code, specifically Section 4.3.26.A-D, a meeting with DRC would've been required. Strongly recommend scheduling a Development Review Committee (DRC) Thursday staff meeting to discuss a path forward for this project with all reviewing departments. - Additional Growth Services Comments				
<i>Corrections</i> 2.12.24 - Landscape requirements/6.8.6 - Buffering (Not Resolved) - Corrective Action: Location of buffer is not consistent with SUP's condition, and the location of the continuous hedge does is not consistent with Section 4.3.26.E(2). However, proposed buffering/screening meets intent of code Section 4.3.26.E(1). Please discuss at a DRC staff meeting to determine an appropriate path forward. - 2.12.24 - Landscape requirements/6.8.6 - Buffering: Show buffer types, locations, and dimensions of required buffering on plan. Show buffer descriptions and illustrations of each proposed buffer (including longitudinal and transverse cross-sections)				

SUBMITTAL SUMMARY REPORT (MajorSite-000232-2026)

ITEM REVIEW NAME (DEPARTMENT)	ASSIGNED TO	DUE	COMPLETE	STATUS
Growth Services Planning & Zoning (DR) (GS Planning and Zoning)	Erik Kramer	01/27/2026	01/28/2026	Requires Re-submit
Corrections	2.12.4.L & Article 5 - Overlay zones (Not Resolved) - Corrective Action: Provide note that the site is located within the Secondary Springs Protection Overlay Zone.. - 2.12.4.L & Article 5 - Overlay zones: Provide a statement showing all applicable overlay zones on the subject properties such as Airport Overlay Zones (AOZ), Environmentally Sensitive Overlay Zone (ESOZ), Floodplain, Springs Protection Overlay Zone (SPOZ), Military Operating Area (MOA), Scenic Roads Area (SRA), Wellhead/Wellfield Protection Area (WHPA), Silver Springs Community Redevelopment Area (SSCRA), and CR 475A Visual Enhancement Gateway Development Overlay, etc. Refer to LDC Article 5 - OVERLAY ZONES AND SPECIAL AREAS.			
Corrections	2.12.4/6.11.8 - Parking (Not Resolved) - Corrective Action: Number and calculation of required and proposed parking spaces is missing. Please provide correct information in table format. And show area/dimensions of where employees will park. - 2.12.4/6.11.8 - Parking: Provide number and calculation of required and proposed parking spaces in table format, per LDC Sec. 6.11.8. - Parking requirements.			
Corrections	2.12/4.2 - Lot setback (Not Resolved) - Corrective Action: Provided setbacks shown on BV-02-128 are not consistent with the provided setbacks listed on BV-02-126 Site Data table. East shown = 102 feet. West shown = 216 feet. Fractions over .5 were rounded up. - 2.12/4.2 - Lot setback: Provide required setback and proposed setback in the site data table and show them on the plan.			
Comments	First round Growth Services review by Erik Kramer. For questions, call 352-438-2604 or email erik.kramer@marionfl.org			
Landscape (Plans) (Parks and Recreation)	Susan Heyen	01/27/2026	01/16/2026	Approved
Comments	Recommend substituting Slash Pines with alternate medium height canopy tree			
OCE Design (Plans) (Office of the County Engineer)	Gerald Koch	01/27/2026	02/10/2026	Approved
OCE Property Management (Plans) (Office of the County Engineer)	Elizabeth Woods	01/27/2026	01/30/2026	Requires Re-submit
Comments	Please add Company name and Authorized Signer's name to Owner's Certification. Checked project map. -EMW 01.30.26 IF APPLICABLE: Sec. 2.18.1.I - Show connections to other phases. Sec.2.19.2.H – Legal Documents Legal documents such as Declaration of Covenants and Restrictions, By-Laws, Articles of Incorporation, ordinances, resolutions, etc. Sec. 6.3.1.B.1 – Required Right of Way Dedication (select as appropriate) For Public Streets. "[All streets and rights-of-way shown on this plat or name specifically if less than all] are hereby dedicated for the use and benefit of the public." Sec. 6.3.1.B.2 – Required Right of Way Dedication For Non-Public Streets. "[All streets and rights-of-way shown on this plat or name specifically if less than all] are hereby dedicated privately to the [entity name]. All public authorities and their personnel providing services to the subdivision are granted an easement for access. The Board of County Commissioners of Marion County, Florida, shall have no responsibility, duty, or liability whatsoever regarding such streets. Marion County is granted an easement for emergency maintenance in the event of a local, state, or federal state of emergency wherein the declaration includes this subdivision or an emergency wherein the health, safety, or welfare of the public is deemed to be at risk." Sec. 6.3.1.D.3 - Cross Access Easements For Cross Access Easements. "All parallel access easements shown on this plat are hereby dedicated for the use and benefit of the public, and maintenance of said easements is the responsibility of [entity name]." Sec. 6.3.1.C.1 - Utility Easements (select as appropriate) "[All utility easements shown or noted or name specifically if less than all] are dedicated [private or to the public] for the construction, installation, maintenance, and operation of utilities by any utility provider." Sec. 6.3.1.C.2 – Utility Easements "[All utility tracts or identify each tract as appropriate] as shown are dedicated [private or to the public] for the construction and maintenance of such facilities." Sec.6.3.1.D(c)(1)(2)(3) - Stormwater easements and facilities, select as appropriate: 1. "[All stormwater and drainage easements as shown or noted or name specifically if less than all] are dedicated [private or to the public] for the construction and maintenance of such facilities." 2. "[All stormwater management tracts or identify each tract as appropriate] as shown are dedicated [private or to the public] for the construction and maintenance of such facilities." 3. When any stormwater easement and/or management tract is not dedicated to the public or Marion County directly, the following statement shall be added to the dedication language: "Marion County is granted the right to perform emergency maintenance on the [stormwater easement and/or management tract, complete accordingly] in the event of a local, state, or federal state of emergency wherein the declaration includes this subdivision or an emergency wherein the health, safety, or welfare of the public is deemed to be at risk." Sec.6.3.1.D(f) – If a Conservation Easement is required the following shall be provided: "A conservation easement [as shown or on tract and identify the tract, complete accordingly] is dedicated to [the Board of County Commissioners of Marion County, Florida or entity name, if not Marion County] for the purpose of preservation of [listed species, habitat, Karst feature and/or native vegetation, complete accordingly]."			
OCE Stormwater (Permits & Plans) (Office of the County Engineer)	Alexander Turnipseed	01/27/2026	01/13/2026	Requires Re-submit
Corrections	6.13.2.B(8) - Calculation & Plan Consistency (Not Resolved) - Corrective Action: This item will be reviewed upon resubmittal - 6.13.2.B(8) - Calculation & Plan Consistency: Calculations must be consistent with the plan sheets and other supporting details. Calculations shall use standard methodology recognized in the State of Florida, including hand and/or computerized calculations.			
Corrections	6.13.6.C - Best Management Practices (Not Resolved) - Corrective Action: Please provide a karst repair detail - 6.13.6.C - Best Management Practices: Provide a sinkhole repair detail and note stating "a minimum of three feet of unconsolidated soil material shall be provided between the surface of any limestone bedrock and the bottom and sides of any stormwater facility". Oil/water separator is required if the proposed use falls under the following: car wash, auto or marine paint and body shop, service or repair shop, automotive fleet operations, gas stations, etc. Retention and/or detention facilities shall have a maximum depth of ten feet, as measured between the design high water elevation and the pond bottom for dry facilities, and between the design high water elevation and the normal control water elevation for wet ponds.			

SUBMITTAL SUMMARY REPORT (MajorSite-000232-2026)

ITEM REVIEW NAME (DEPARTMENT)	ASSIGNED TO	DUE	COMPLETE	STATUS
OCE Stormwater (Permits & Plans) (Office of the County Engineer)	Alexander Turnipseed	01/27/2026	01/13/2026	Requires Re-submit
<i>Corrections</i>	6.10 - Karst Topography and High Recharge Areas (Not Resolved) - Corrective Action: Please provide a signed and sealed karst analysis - 6.10 - Karst Topography and High Recharge Areas: An application for any new development or expansion of existing development, located within a high recharge or karst sensitive area as designated by the appropriate water management district or Marion County maps, shall submit an analysis of site conditions in sufficient detail to define hydrologic and geologic conditions which may guide mining, land development, or construction activities on the proposed site. Karst analysis shall include depiction of karst features on the project site and off-site within 200 feet of the project boundary. Karst analysis should be signed and sealed by an engineer.			
<i>Corrections</i>	7.1.3.B. - Drainage Construction Specifications (Not Resolved) - Corrective Action: We need the following note on the cover page of the plans: "No change to the work as shown on the approved plans shall be made without notification to and approval by the office of the County Engineer." - 7.1.3.B. - Drainage Construction Specifications: Provide following note on cover sheet: "No change to the work as shown on the approved plans shall be made without notification to and approval by the Office of the County Engineer."			
<i>Corrections</i>	2.12.4.L(9)(b) - Data Block (Impervious Area) (Not Resolved) - Corrective Action: Please identify the proposed impervious & pervious area in SF, ac, and % on the cover page - 2.12.4.L(9)(b) - Data Block (Impervious Area): Provide existing and proposed gross impervious area in SF, ac, and percentage in the data block on the cover sheet. Include any offsite drainage to your site in the data block.			
<i>Corrections</i>	Additional Stormwater comments (Not Resolved) - Corrective Action: (1) Info: Please provide a copy of the NPDES permit or NOI as well as the District permit prior to construction. (2) Info: If you have questions or would like to discuss the stormwater review comments, please contact Alexander Turnipseed at (352) 671-8376 or at alexander.turnipseed@marionfl.org. - Additional Stormwater comments			
<i>Corrections</i>	6.13.12 - Operation and Maintenance (Not Resolved) - Corrective Action: Please provide - 6.13.12 - Operation and Maintenance: Provide an O&M manual detailing the steps for operating and maintaining the proposed private system of DRAs, pipes, inlets, swales, etc. Manual shall be signed by Owner and owner's certification statement shall be on the manual. Owner's certification statement: "I hereby certify that I, my successors, and assigns shall perpetually operate and maintain the stormwater management and associated elements in accordance with the specifications shown herein and on the approved plan".			
OCE Survey (Plans) (Office of the County Engineer)	Theresa Smail	01/27/2026	01/21/2026	Approved
OCE Traffic (Permits & Plans) (Office of the County Engineer)	Chris Zeigler	01/27/2026	01/13/2026	Requires Re-submit
<i>Corrections</i>	6.12.12 - Sidewalks (Not Resolved) - Corrective Action: Sidewalk is required on both CR 475 A and SE 36th Avenue. Staff supports payment of a sidewalk fee in-lieu of construction. The fee must be approved by the Development Review Committee. If approved by the Development Review Committee, the fee comes out to \$26,625.00 and must be paid prior to final plan approval. - 6.12.12 - Sidewalks: Show sidewalk on the plans as required in section 6.12.12.			
<i>Corrections</i>	6.11.5 - Driveway access (Not Resolved) - Corrective Action: The driveways do not meet spacing requirements. The spacing requirement on CR 475A is 440 feet and the spacing requirement on SE 36th Avenue is 660 feet. A driveway deviation will be issued for the driveway on CR 475A; however, the driveway on SE 36th Avenue must be removed. - 6.11.5 - Driveway access: The driveways must meet the requirements of section 6.11.5.			
<i>Corrections</i>	6.11.4.E - Sight triangle (Not Resolved) - Corrective Action: Provide a statement on the cover sheet the driveway meets FDOT sight distance criteria and show that sight triangles on the plan to confirm that. - 6.11.4.E - Sight triangle: Show sight triangle at the intersections as specified in Section 6.11.4.E.			
<i>Corrections</i>	6.11.3 - Traffic Impact Analysis (Not Resolved) - Corrective Action: Provide a traffic statement on the cover sheet. If the traffic exceeds 49 peak hour trips additional analysis may be required. - 6.11.3 - Traffic Impact Analysis: Provide a Traffic Impact Analysis			
Utilities (OCE Plans) (Utilities)	Heather Proctor	01/27/2026	01/22/2026	Approved
<i>Comments</i>	Parcel 4217-223-000 is within the Marion County Utilities service area but is outside of connection distance to public water and sewer. Proposed irrigation will be served by a private well. No other additional flows have been proposed with this project. The project is outside of the Primary Springs Protection Zone and the Urban Growth Boundary.			

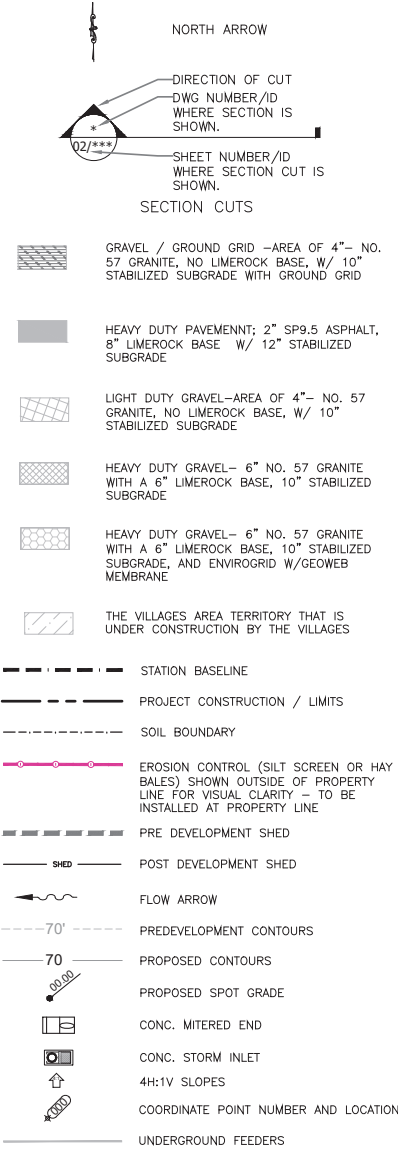
**SECO
ENERGY**

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ABBREVIATIONS:

A.C.C.M.P.A.	ASPHALT COATED CORRUGATED METAL PIPE ARCH
A.C.C.M.P.	ASPHALT COATED CORRUGATED METAL PIPE
BLDG	BUILDING
BM	BENCHMARK
BOTT	BOTTOM
BS	BOTH SIDES
CL	CENTER LINE
CIP	CAST IN PLACE
CONC.	CONCRETE
CONT	CONTINUOUS
COORD	COORDINATE
D.	DIAMETER
Ø	DIAMETER
DIA.	DIAMETER
DIM	DIMENSION
DRA	DRAINAGE RETENTION AREA
DWG	DRAWING
EA	EACH
EG-	EXISTING GRADE
ELEV.	ELEVATION
EMBED	EMBEDMENT
ETC.	ETCETERA
FFL	FINISHED FLOOR LEVEL
FG-	FINAL (PROPOSED) GRADE
FGL	FINISHED GROUND LEVEL
FL	FLOOR
FPC	FLOOD PLAIN COMPENSATION
FT	FOOT/FEET
H	HORIZONTAL
HORIZ.	HORIZONTAL
IN	INCH
INT.	INTERSECTION
INV.	INVERT
LT.	LEFT
MAX.	MAXIMUM
MES	MITERED END SECTION
MFG	MANUFACTURER
MID	MIDDLE
MIN.	MINIMUM
MISC	MISCELLANEOUS
N	NORTH
N/A	NOT APPLICABLE
NTS	NOT TO SCALE
P.C.	POINT OF CURVATURE
P.I.	POINT OF INTERSECTION
P.T.	POINT OF TANGENT
P.V.C.	POINT OF VERTICAL CURVATURE
P.V.I.	POINT OF VERTICAL INTERSECTION
R	RADIUS
RC	REINFORCED CONCRETE
RCC	REINFORCED CEMENT CONC
RCP	REINFORCED CONCRETE PIPE
REINF	REINFORCED
REQ'D	REQUIRED
RT.	RIGHT
R/W	RIGHT-OF-WAY
SCH	SCHEDULE
SPECS	SPECIFICATIONS
SMH	STORM MANHOLE
STA.	STATION
STD	STANDARD
STRUCT	STRUCTURAL
THK	THICK
TM	TRADE MARK
TYP.	TYPICAL
T.O.B	TOP OF BERM
T.O.S	TOP OF SWALE
UON	UNLESS OTHERWISE NOTED
V	VERTICAL
VERT.	VERTICAL
V.T.	VERTICAL CURVE
W	WIDTH
W/	WITH

LEGEND:



SITE DATA

SITE ADDRESS:	XXXX, SUMMERFIELD, MARION COUNTY, FL 34491	
PARCEL ID	4217-223-000	
GROSS PROPERTY AREA (GROSS):	289,238 SF	6.64 AC
ZONING / FUTURE LAND USE (SUBJECT PROPERTY)	SINGLE FAMILY DWELLING (R-1)/MEDIUM RESIDENTIAL (MR)	
ZONING / FUTURE LAND USE (ADJACENT PARCELS)	PARCELS 41827-002-00 (A-1)/PUBLIC (P)	
	PARCELS 41827-001-00, 41827-004-00 (A-1); 41827-001-01 (A-3)/RURAL LAND (RL)	
	PARCELS 4217-226-001, 4217-226-007, 4217-226-010, 4217-226-016, 4217-226-022, 4217-226-025, 4217-226-028, 4217-225-035, 4217-225-001, 4217-224-038, 4217-224-001, 4217-219-044, 4217-222-000, 4210-121-053 (R-1)/MEDIUM RESIDENTIAL (MR)	
	PARCELS 4217-224-001, 4217-224-019 (R-4)/MEDIUM RESIDENTIAL (MR)	
LAND USE OF SUBJECT PROPERTY:	VACANT	
PROPOSED LAND USE OF SUBJECT PROPERTY:	SUBSTATION - ELECTRIC UTILITY	
EXISTING		
TOTAL OWNED AREA:	289,238 SF	6.64 AC
EXISTING BUILDING AREA:	0 SF	0.00 AC
EXISTING IMPERVIOUS AREA:	0 SF	0.00 AC
EXISTING PERVIOUS AREA:	289,238.0 SF	6.640 AC
EXISTING IMPERVIOUS SURFACE RATIO:	0.00	
EXISTING OPEN SPACE PERCENTAGE:	100%	
PROPOSED		
PROPOSED EQUIPMENT ENCLOSURE (C.E.E) AREA:	430 SF	0.01 AC
PROPOSED EQUIPMENT FOUNDATION AREA:	2749 SF	0.06 AC
PROPOSED YARD ROCK AREA:	44640 SF	1.02 AC
PROPOSED ASPHALT AND GRAVEL DRIVEWAY AREA:	33231 SF	0.76 AC
TOTAL NEW IMPERVIOUS AREA	1.86 AC	
TOTAL PROPOSED IMPERVIOUS AREA (INCLUDES EXISTING IMPERVIOUS AREA):	81,051 SF	1.86 AC
TOTAL PROPOSED PERVIOUS AREA:	208,187 SF	4.78 AC
TOTAL AREA	6.64 AC	
PROPOSED IMPERVIOUS SURFACE RATIO (INCLUDES EXISTING IMPERVIOUS AREA):	0.28	
PROPOSED FLOOR AREA RATIO (INCLUDES EXISTING FLOOR AREA):	0.001	
PROPOSED OPEN SPACE PERCENTAGE:	72%	
EQUIPMENT ENCLOSURE HEIGHT:	11 FT	
TRANSMISSION POLE HEIGHT:	70 FT	
TERMINAL STRUCTURE H-FRAME HEIGHT	50 FT	
SETBACKS FOR SUBSTATION:	REQUIRED	PROVIDED
FRONT SETBACK (EAST):	100 FT	100 FT
SIDE SETBACK (NORTH):	100 FT	100 FT
SIDE SETBACK (SOUTH):	100 FT	100 FT
REAR SETBACK (WEST):	100 FT	216 FT
NOTES: 1. THE PROPOSED FACILITY INCLUDING THE CONTROL EQUIPMENT ENCLOSURE (C.E.E.) BUILDING IS UNMANNED. NO PARKING IS REQUIRED OR PROVIDED.		

SOIL CLASSIFICATION		
SOIL #	SOIL NAME	HYDROLOGIC GROUP
11	PEDRO-ARREDONDO COMPLEX 0 TO 5 PERCENT ARREDONDO SAND, 0 TO 5 PERCENT SLOPES	D
9		A

SITE NOTES

- ALL CONSTRUCTION COVERED BY THESE PLANS SHALL CONFORM TO THE MATERIAL SPECIFICATIONS AND QUALITY CONTROL STANDARDS CONTAINED IN THE MARION COUNTY LAND DEVELOPMENT CODE.
- ACCORDING TO FEDERAL EMERGENCY MANAGEMENT AGENCY'S FLOOD INSURANCE RATE MAP (FIRM) NUMBER 12830C07400, MARION COUNTY, FLORIDA, EFFECTIVE DATE OF AUGUST 28, 2008, THE PROPERTY DESCRIBED HEREON LIES WITHIN ZONE "X" (AREAS OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD).
- TOPOGRAPHIC INFORMATION, INCLUDING BUT NOT LIMITED TO BENCHMARKS, IS TAKEN FROM THE BOUNDARY AND TOPOGRAPHIC SURVEY OF THE NEW BELLEVUE SUBSTATION FOR SUMTER ELECTRIC CO-OP, INC. PROVIDED BY A.M. GAUDET & ASSOCIATES, INC. LB#7158, DATED 04/23/2025, DRAWING 02-101 TO 02-108.
- THE ELEVATIONS SHOWN HEREON ARE BASED ON NAVD 1988 AND REFERENCED TO FDOT FLORIDA PERMANENT REFERENCE NETWORK.
- COORDINATES SHOWN HEREON ARE BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, WEST ZONE, NORTH AMERICAN DATUM (NAD) OF 1983 AND REFERENCED TO FDOT FLORIDA PERMANENT REFERENCE NETWORK.
- THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE PROJECT ENGINEER FOR CLARIFICATION IF PLANS ARE UNCLEAR OR IF ANY CONFLICTING INFORMATION IS IDENTIFIED.
- ALL DISTURBED AREAS SHALL BE SODDED UNLESS OTHERWISE SPECIFIED ON THE PLANS.
- IF PREHISTORIC OR HISTORIC ARTIFACTS (E.G., POTTERY, STONE TOOLS, METAL OBJECTS, DUGOUT CANOES) OR ANY OTHER REMAINS POSSIBLY ASSOCIATED WITH NATIVE AMERICAN OR EARLY AMERICAN CULTURES ARE ENCOUNTERED, THE CONTRACTOR SHALL IMMEDIATELY HALT WORK IN THAT AREA AND NOTIFY THE OWNER OR THEIR REPRESENTATIVE. WORK SHALL NOT RESUME UNTIL AUTHORIZED BY THE OWNER. IF UNMARKED HUMAN REMAINS ARE DISCOVERED, ALL WORK SHALL CEASE IMMEDIATELY, AND THE OWNER SHALL BE NOTIFIED.
- SYMBOLS SUCH AS INLETS, HYDRANTS, MANHOLES, AND EROSION CONTROL MEASURES ARE SHOWN FOR CLARITY ONLY; REFER TO DETAIL SHEETS FOR EXACT LOCATIONS AND INSTALLATION REQUIREMENTS.
- UNDERGROUND UTILITIES AND FOUNDATIONS WERE NOT IDENTIFIED DURING THE SURVEY. THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFYING THE LOCATION OF ALL UNDERGROUND UTILITIES AND FOUNDATIONS PRIOR TO EXCAVATION, COORDINATING WITH THE APPROPRIATE UTILITY PROVIDERS, AND ARRANGING ANY REQUIRED RELOCATIONS. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER WITHOUT DELAY.
- THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PROGRAM, AS OUTLINED IN THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) INCLUDED IN THESE PLANS AND ASSOCIATED DOCUMENTATION.
- ACTIVE GOPHER TORTOISE BURROWS WERE IDENTIFIED DURING THE ENVIRONMENTAL SURVEY CONDUCTED IN OCTOBER 2025. THE SITE SHALL BE RE-INSPECTED NO MORE THAN 60 DAYS PRIOR TO CONSTRUCTION. ALL IDENTIFIED BURROWS MUST BE PERMITTED FOR REMOVAL AND HANDLED BY A LICENSED PROFESSIONAL AUTHORIZED TO PERFORM GOPHER TORTOISE RELOCATION TO AN APPROVED OFF-SITE LOCATION.
- CHAIN LINK FENCE TO BE GALVANIZED CHAIN LINK PER DETAIL ON SHEET BV-06-301.
- PERIMETER FENCE SHALL BE PER DETAIL ON SHEET BV-06-301.

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Revision:	BY:	Date:	Drawn by:	Provided by:
			BHT	
			Scale	
			NTS	
REVISED PER MARION COUNTY COMMENTS			BHT	2/19/26



Project Location MARION COUNTY	
Approved Date 12/08/2025	Date 11/24/2025
Approved By LBJ	Engineer BHT

Type of Application MAJOR SITE PLAN
BELLEVUE SUBSTATION 2026 NEW RING BUS STATION CIVIL INFORMATION NOTES

Engineer of Record
BINIAM TSEGAY, P.E. FLORIDA P.E. LICENSE NO. 81411
Work Order
212342
Drawing #
BV- 02 - 122

SWPPP NOTES

1. THE PROJECT INVOLVES THE DEVELOPMENT AND CONSTRUCTION OF A NEW ELECTRICAL SUBSTATION TO SUPPORT POWER DISTRIBUTION INFRASTRUCTURE. THE PROJECT LOCATION IS AT LATITUDE 29°00'37.4406" N & LONGITUDE 82°05'16.1347" W.
2. THE TOTAL LOT AREA IS 6.64 ACRES, BUT THE DISTURBED AREA IS 5.49 ACRES. STORM WATER DESIGN DATA IS SHOWN BELOW.
3. THE EXISTING ON-SITE SOILS, AS IDENTIFIED BY THE NRCS SOIL SURVEY MAP, ARE LISTED BELOW. PER GEOTECHNICAL REPORT OF THE SITE PREPARED BY GEO-TECH, INC. PROJECT NUMBER 25-3954.20.1 DATED 10/27/2025, THE AVERAGE SHWT IS APPROXIMATELY AT ELEVATION 52' TO 57.5', BASED ON NAVD 1988 DATUM.
4. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL PREPARE AND SUBMIT A NOTICE OF INTENT (NOI) TO USE THE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH SECTION 403.0885, FLORIDA STATUTES (F.S.) AND RULE 62-621.300(4), FLORIDA ADMINISTRATIVE CODE (F.A.C.). THIS PERMIT IS COMMONLY REFERRED TO AS THE NPDES NOI. THE CONTRACTOR SHALL BE THE PERMIT APPLICANT AND THE DESIGNATED RESPONSIBLE AUTHORITY FOR THE PROJECT. THE CONTRACTOR SHALL EMPLOY, AND MAKE AVAILABLE TO THE PROJECT, AN INDIVIDUAL WHO IS LEGALLY QUALIFIED TO ACT IN THIS CAPACITY.
5. THE CONTRACTOR SHALL REVIEW AND BECOME FAMILIAR WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED FOR THIS PROJECT. A SIGNED COPY OF THE SWPPP SHALL BE SUBMITTED TO THE OWNER PRIOR TO THE START OF CONSTRUCTION. IF EROSION CONTROL MEASURES CHANGE, OR IF ADDITIONAL CONTRACTORS ARE BROUGHT ONTO THE PROJECT, THE CONTRACTOR IS RESPONSIBLE FOR UPDATING THE SWPPP ACCORDINGLY AND ENSURING THAT ALL NEW CONTRACTORS REVIEW AND SIGN IT. A COPY OF THE AMENDED SWPPP MUST BE APPENDED TO THE ORIGINAL, WITH ONE COPY PROVIDED TO THE OWNER AND ONE RETAINED ON SITE. IF A SWPPP HAS NOT YET BEEN PREPARED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING IT PRIOR TO CONSTRUCTION.
6. THROUGHOUT THE CONSTRUCTION PERIOD, THE CONTRACTOR SHALL CONDUCT MONITORING AND INSPECTIONS AND PREPARE INSPECTION REPORTS IN ACCORDANCE WITH THE APPLICABLE STATUTES AND PERMIT REQUIREMENTS. THIS INCLUDES CONDUCTING INSPECTIONS AT LEAST ONCE PER WEEK AND WITHIN 24 HOURS OF ANY STORM EVENT PRODUCING 0.50 INCHES OF RAINFALL OR MORE. ALL INSPECTIONS MUST BE DOCUMENTED USING THE NPDES INSPECTION FORM (A COPY IS PROVIDED AT THE END OF THE SWPPP). AT THE CONCLUSION OF CONSTRUCTION, THE CONTRACTOR SHALL COMPLETE AND SUBMIT THE NOTICE OF TERMINATION (NOT) TO OFFICIALLY CLOSE OUT PERMIT COVERAGE.
7. PRIOR TO EACH PAY REQUEST, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER AND OWNER COPIES OF ALL RELATED DOCUMENTATION, INCLUDING INSPECTION REPORTS, SWPPP AMENDMENTS, AND RELEVANT CORRESPONDENCE. THE OWNER RESERVES THE RIGHT TO WITHHOLD OR REDUCE PAYMENT IF REQUIRED DOCUMENTATION IS NOT PROPERLY COMPLETED AND SUBMITTED. BEFORE FINAL PAYMENT IS APPROVED, THE CONTRACTOR MUST SUBMIT ANY OUTSTANDING DOCUMENTATION TO THE ENGINEER AND OWNER, INCLUDING A COPY OF THE COMPLETED NOTICE OF TERMINATION (NOT).
8. THE CONTRACTOR SHALL INSTALL SILT FENCE/EROSION CONTROL MEASURES AND INLET/OUTLET PROTECTION PER BEST MANAGEMENT PRACTICES BEFORE BEGINNING CLEARING OR GRUBBING OPERATIONS.
9. TEMPORARY AND PERMANENT STABILIZATION PRACTICES SHALL INCLUDE SODDING OF ALL DISTURBED AREAS. MULCHING AND SODDING SHALL BE APPLIED AS NECESSARY TO ENSURE PROPER SITE STABILIZATION.
10. CONTRACTOR TO MAINTAIN ALL EROSION AND SEDIMENT CONTROL DEVICES UNTIL CONSTRUCTION IS COMPLETE.
11. EROSION CONTROL TO BE INSTALLED ON OR WITHIN PROPERTY BOUNDARY. CONTRACTOR IS RESPONSIBLE FOR CONTROL OF WINDBORNE SEDIMENT TRANSPORT. SHOULD DRY WINDY CONDITIONS OCCUR DURING CONSTRUCTION THAT CREATE THE POTENTIAL FOR WINDBORNE SEDIMENT TRANSPORT.
12. THE CONTRACTOR SHALL TAKE NECESSARY STEPS TO MINIMIZE ADVERSE EFFECTS, INCLUDING PROVIDING WATER FOR SEDIMENT CONTROL AND/OR TEMPORARY SODDING.
13. IF CONSTRUCTION ACTIVITY CEASES FOR MORE THAN SEVEN DAYS THE CONTRACTOR SHALL STABILIZE THE AREA WITH SEED OR SOD.
14. THE SOIL TRACKING DEVICE SHALL BE INSTALLED IF, IN THE OPINION OF THE ENGINEER, PERMITTING AGENCY, OR OWNER, SOIL TRACKING BECOMES A PROBLEM.

MAINTENANCE AND INSPECTION PROCEDURES

1. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE INSPECTED EVERY 7 DAYS OR WITHIN 24 HOURS OF A STORM OF 0.5 INCHES OR MORE IN DEPTH. ALL CONTROLS MUST BE IN GOOD OPERATING CONDITION UNTIL THE AREA THEY PROTECT HAS BEEN COMPLETELY STABILIZED AND THE CONSTRUCTION IS COMPLETE.
2. BUILT UP SEDIMENT WILL BE REMOVED FROM THE SILT FENCE WHEN IT HAS REACHED ONE HALF OF THE HEIGHT OF THE FENCE.
3. SILT FENCE SHALL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS, IF FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND IF FENCE POSTS ARE FIRMLY IN THE GROUND. SILT FENCE AND ALL OTHER EROSION AND SEDIMENT CONTROLS WILL BE INSTALLED AND MAINTAINED PER MANUFACTURER SPECIFICATIONS.
4. TEMPORARY AND PERMANENT SEEDING AND PLANTING SHALL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.

SOIL CLASSIFICATION		HYDROLOGIC GROUP
SOIL #	SOIL NAME	
11	PEDRO-ARREDONDO COMPLEX, 0 TO 5 PERCENT	D
9	ARREDONDO SAND, 0 TO 5 PERCENT SLOPES	A

DESIGN DATA	
LOT AREA	6.64 ACRES
DISTURBED AREA	5.49 ACRES
POST DEVELOPMENT SHED AREA	4.70 ACRES
DESIGN STORM	
100 YR. 24 HR STORM	11 INCHES
POST DEVELOPMENT COMPOSITE CN#	79.84
POST DEVELOPMENT RUNOFF COEFFICIENT	0.77

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Revision:

BY:

Date:

Drawn by:

Scale

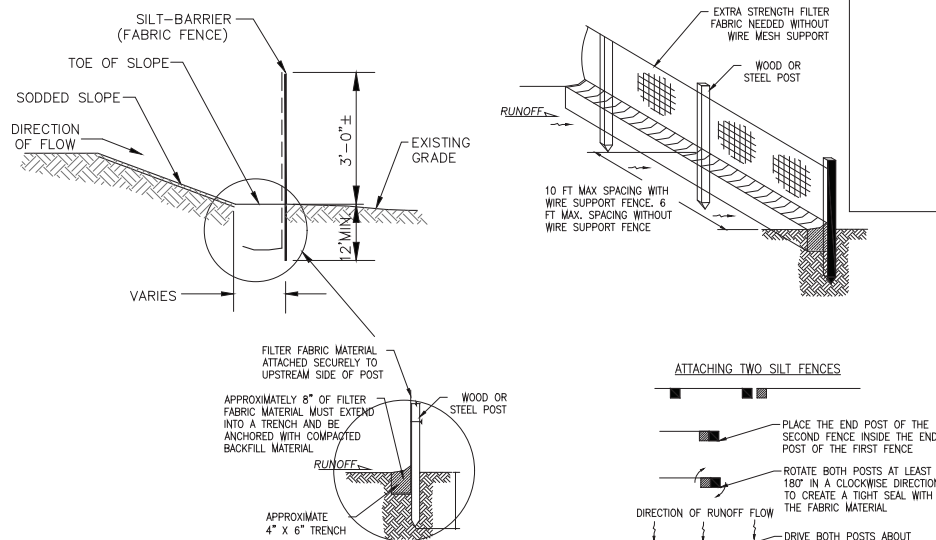
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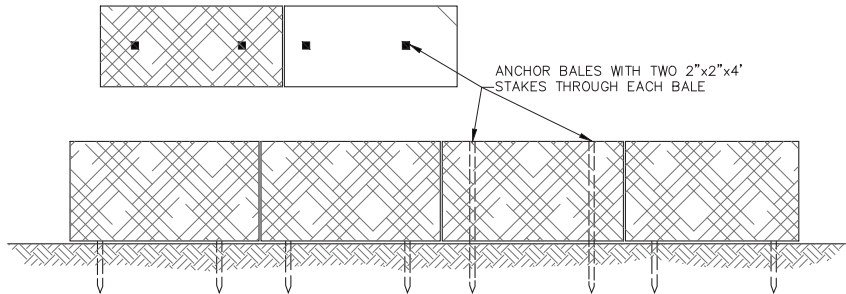
Project Location	
MARION COUNTY	
Approved Date	Date
12/08/2025	11/24/2025
Approved By	Engineer
LBJ	BHT

Type of Application	
MAJOR SITE PLAN	
BELLEVUE SUBSTATION 2026 NEW RING BUS STATION SWPP PLAN NOTES AND DETAILS	

Engineer of Record	
BINIAM TSEGAY, P.E. FLORIDA P.E. LICENSE NO. 81411	
Work Order	
212342	
Drawing #	
BV- 02 - 123	



FILTER FABRIC SILT FENCE INSTALLATION



SYNTHETIC HAY SILT-BARRIER

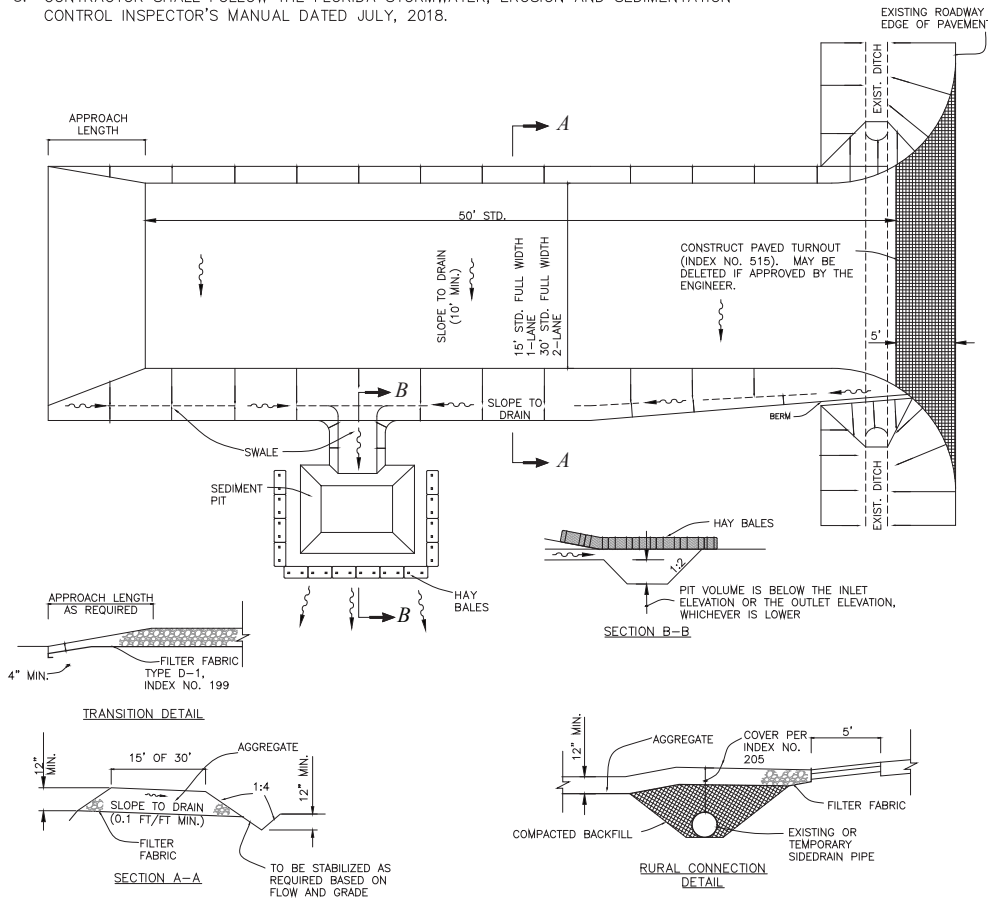
PERIMETER EROSION AND SEDIMENT CONTROL

NOTE: ADDITIONAL CONTROLS TO BE UTILIZED AS NEEDED, DEPENDENT UPON ACTUAL SITE CONDITIONS AND CONSTRUCTION OPERATIONS.

N.T.S.

NOTES:

- CONTRACTOR IS REQUIRED TO PREVENT ANY SEDIMENT TRANSPORT FROM THE PROJECT SITE ON TO ADJACENT PROPERTY. INSTALLATION OF EITHER SYNTHETIC HAY OR FABRIC FENCE TYPE SILT BARRIER IS ACCEPTABLE. THE BARRIER MUST REMAIN IN PLACE UNTIL UPLAND VEGETATION IS ESTABLISHED.
- BEFORE REMOVING SILT BARRIER, CONTRACTOR SHALL COLLECT AND DISPOSE OF ANY ACCUMULATED SILT.
- CONTRACTOR SHALL FOLLOW THE FLORIDA STORMWATER, EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL DATED JULY, 2018.



SOIL TRACKING PREVENTION DEVICE (STPD) – TYPE A
(FDOT INDEX NO. 106) N.T.S.

GENERAL NOTE – SOIL TRACKING NOTES

- A SOIL TRACKING PREVENTION DEVICE (STPD) SHALL BE CONSTRUCTED AT LOCATIONS DESIGNATED BY THE ENGINEER FOR POINTS OF EGRESS FROM UNSTABILIZED AREAS OF THE PROJECT TO PUBLIC ROADS WHERE OFFSITE TRACKING OF MUD COULD OCCUR. TRAFFIC FROM UNSTABILIZED AREAS OF THE CONSTRUCTION PROJECT SHALL BE DIRECTED THRU A STPD. BARRIERS, FLAGGING, OR OTHER POSITIVE MEANS SHALL BE USED AS REQUIRED TO LIMIT AND DIRECT VEHICULAR EGRESS ACROSS THE STPD.
- THE CONTRACTOR MAY PROPOSE AN ALTERNATIVE TECHNIQUE TO MINIMIZE OFFSITE TRACKING OF SEDIMENT. THE ALTERNATIVE MUST BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO ITS USE.
- ALL MATERIALS SPILLED, DROPPED, OR TRACKED ONTO PUBLIC ROADS (INCLUDING THE STPD AGGREGATE AND CONSTRUCTION MUD) SHALL BE REMOVED DAILY, OR MORE FREQUENTLY IF SO DIRECT BY THE ENGINEER.
- AGGREGATES SHALL BE AS DESCRIBED IN SECTION 901 EXCLUDING 901-2.3. AGGREGATES SHALL BE FOOT SIZE #1. IF THIS SIZE IS NOT AVAILABLE, THE NEXT AVAILABLE SMALLER SIZE AGGREGATE MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER. SIZES CONTAINING EXCESSIVE SMALL AGGREGATE WILL TRACK OFF THE PROJECT AND ARE UNSUITABLE.
- THE SEDIMENT PIT SHOULD PROVIDE A RETENTION VOLUME OF 3600 CUBIC FEET/ACRE OF SURFACE AREA DRAINING TO THE PIT. WHEN THE STPD IS ISOLATED FROM OTHER DRAINAGE AREAS, THE FOLLOWING PIT VOLUMES WILL SATISFY THIS REQUIREMENT:
 $15' \times 50' = 100 \text{ FT}^3$ $30' \times 50' = 200 \text{ FT}^3$
 AS AN OPTION TO THE SEDIMENT PIT, THE WIDTH OF THE SWALE BOTTOM CAN BE INCREASED TO OBTAIN THE VOLUME. WHEN THE SEDIMENT PIT OR SWALE VOLUME HAS BEEN REDUCED TO ONE HALF, IT SHALL BE CLEANED. WHEN A SWALE IS USED, HAY BALES OR SILT FENCE SHALL BE PLACED ALONG THE ENTIRE LENGTH.
- THE SWALE DITCH DRAINING THE STPD SHALL HAVE A 0.2% MINIMUM AND A 1.0% MAXIMUM GRADE ALONG THE STPD AND TO THE SEDIMENT PIT.
- MITERED END SECTIONS ARE NOT REQUIRED WHEN THE SIDEDRAIN PIPE SATISFIES THE CLEAR ZONE REQUIREMENTS.
- THE STPD SHALL BE MAINTAINED IN A CONDITION THAT WILL ALLOW IT TO PERFORM ITS FUNCTION. TO PREVENT OFFSITE TRACKING, THE STPD SHALL BE RINSED (DAILY WHEN IN USE) TO MOVE ACCUMULATED MUD DOWNWARD THRU THE STONE. ADDITIONAL STABILIZATION OF THE VEHICULAR ROUTE LEADING TO THE STPD MAY BE REQUIRED TO LIMIT THE MUD TRACKED.
- A STPD SHALL BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR SOIL TRACKING PREVENTION DEVICE, EA. THE UNIT PRICE SHALL CONSTITUTE FULL COMPENSATION FOR CONSTRUCTION, MAINTENANCE, REPLACEMENT OF MATERIALS, REMOVAL, AND RESTORATION OF THE AREA UTILIZED FOR THE STPD; INCLUDING BUT NOT LIMITED TO EXCAVATION, GRADING, TEMPORARY PIPE (INCLUDING MES WHEN REQUIRED), FILTER FABRIC, AGGREGATE, PAVED TURNOUT (INCLUDING ASPHALT AND BASE CONSTRUCTION), DITCH STABILIZATION, APPROACH ROUTE STABILIZATION, SEDIMENT REMOVAL AND DISPOSAL, WATER, RINSING AND CLEANING OF THE STPD AND CLEANING OF PUBLIC ROADS, GRASSING AND SOD. HAY BALES SHALL BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR HAY OR STRAW BALLED, EA. SILT FENCE SHALL BE PAID FOR UNDER THE CONTRACT UNIT FOR STAKED SILT FENCE, LF.
- THE NOMINAL SIZE OF A STANDARD STPD IS 15'x50' UNLESS OTHERWISE SHOWN IN THE PLANS. IF THE VOLUME OF ENTERING AND EXITING VEHICLES WARRANT, A 30' WIDTH STPD MAY BE USED IF APPROVED BY THE ENGINEER. WHEN A DOUBLE WIDTH (30') STPD IS USED, THE PAY QUANTITY SHALL BE 2 FOR EACH LOCATION.

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Revision:

BY:

Date:

Drawn by:

BHT

Scale

NTS

Provided by:



Project Location
MARION COUNTY

Approved Date

12/08/2025

Date

11/24/2025

Approved By

LBJ

Engineer

BHT

Type of Application
MAJOR SITE PLAN

**BELLEVIEW SUBSTATION
2026 NEW RING BUS STATION
SWPPP
SOIL TRACKING DETAIL**

Engineer of Record

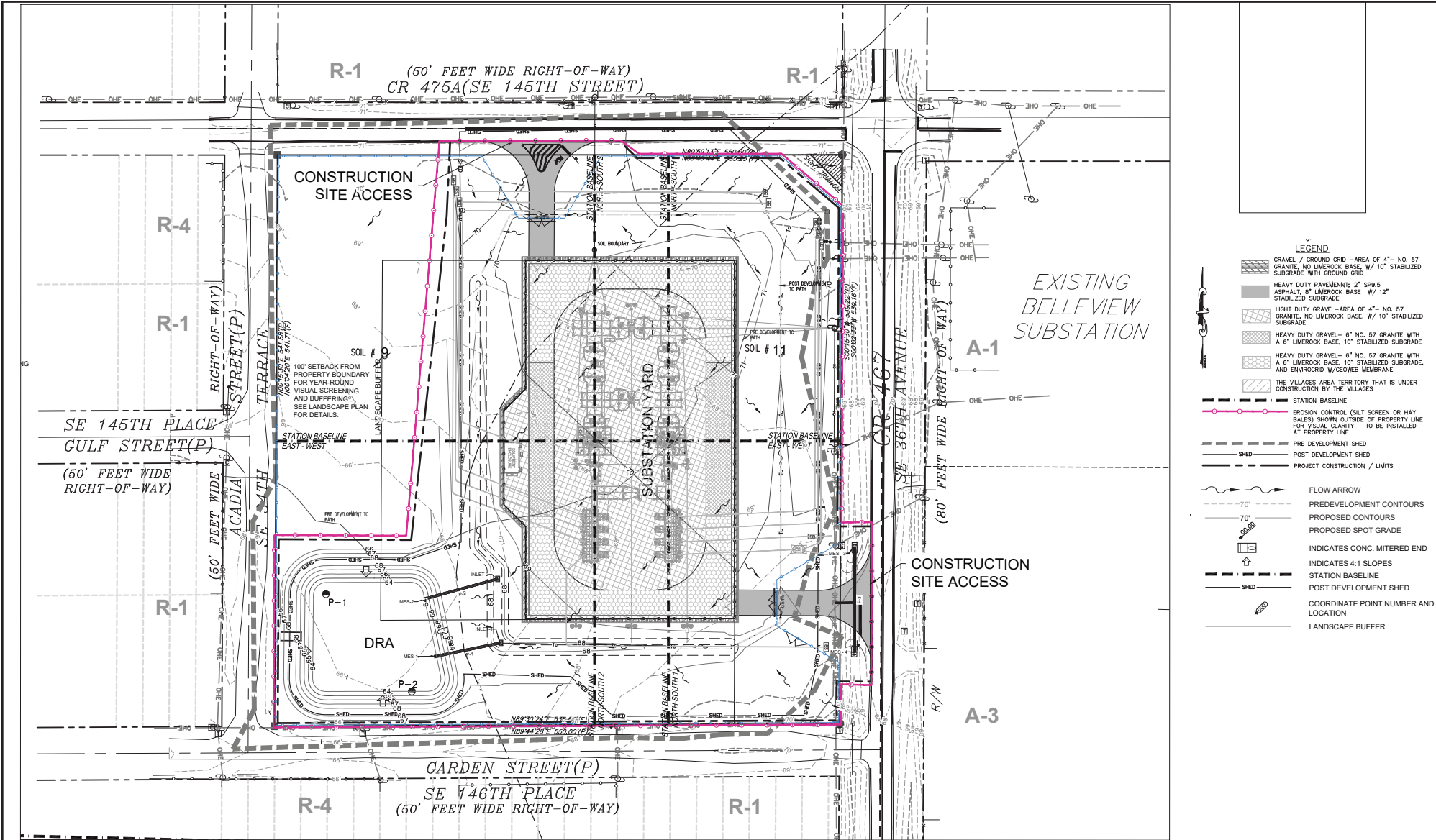
BINIAM TSEGAY, P.E.
FLORIDA P.E. LICENSE NO. 61411

Work Order

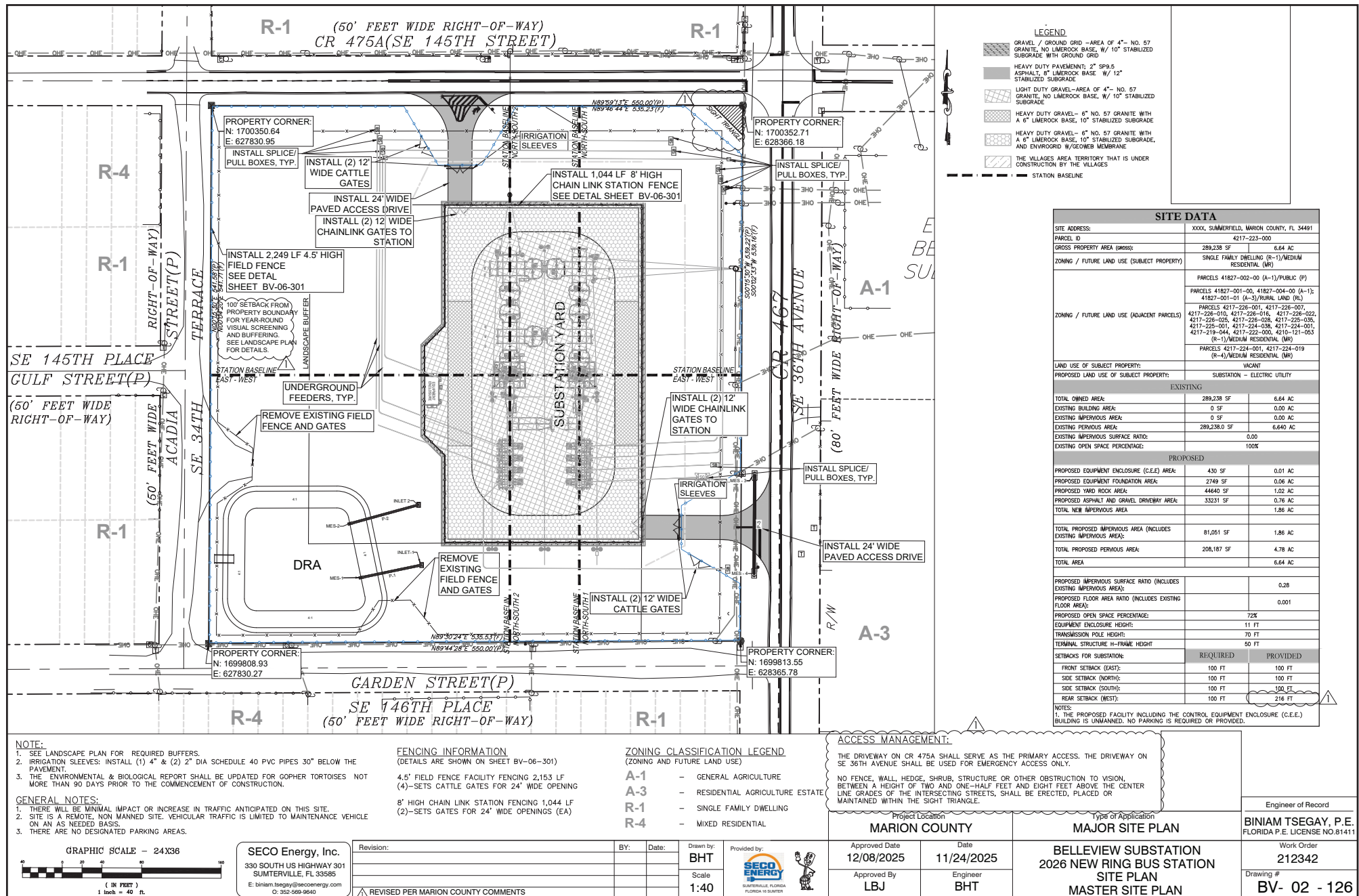
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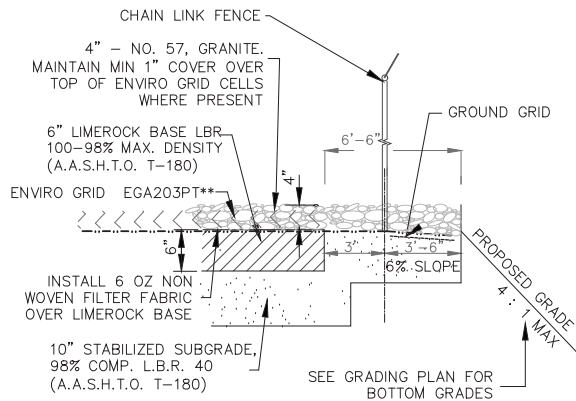
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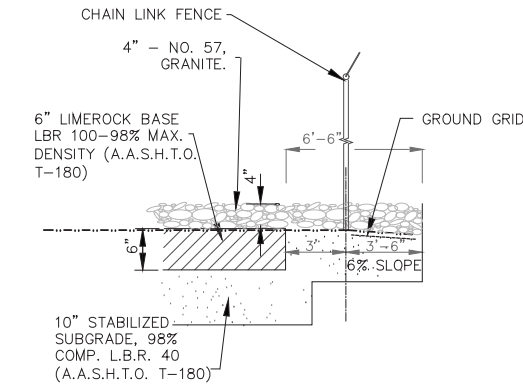


GRAPHIC SCALE - 24X36									
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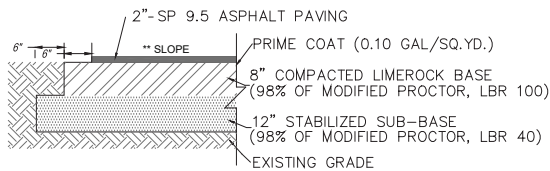




GRAVEL DRIVEWAY SECTION w/ENVIRO GRID
N.T.S.

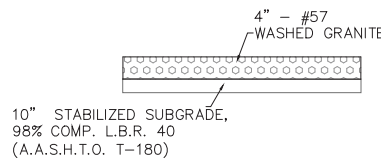


TYPICAL STATION GRAVEL DRIVEWAY SECTION
N.T.S.

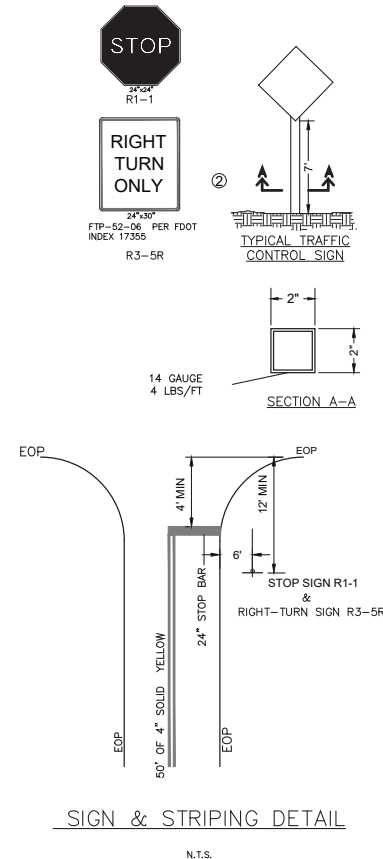


HEAVY DUTY PAVEMENT DETAIL
N.T.S.

** SLOPE = SEE PLAN & PROFILE FOR DRIVES
FOR CROSS SLOPES AND DIRECTIONS



GRAVEL ONLY DETAIL
N.T.S.



SIGN & STRIPING DETAIL
N.T.S.

GENERAL NOTE:

ALL SIGNS AND STRIPING SHALL MEET THE MATERIALS AND INSTALLATION REQUIREMENTS OF THE MARION COUNTY, MUTCD, AND FDOT DESIGN STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE AND UTILITY OPERATIONS ON THE STATE HIGHWAY SYSTEM, LATEST EDITION. PAVEMENT MARKING SHALL BE WHITE AND THERMOPLASTIC.

NOTE:
THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 1" OF GRANITE OVER TOP OF ENVIRO GRID CELLS IN ALL AREAS OF INSTALLATION.

** INSTALL ENVIROGRID EGA203PT (EGA 20 FT PANEL LENGTH, 3-INCH CELL DEPTH, PERFORATED AND TEXTURED) WHERE SHOWN ON SITE PLAN SHEET BV-02-128

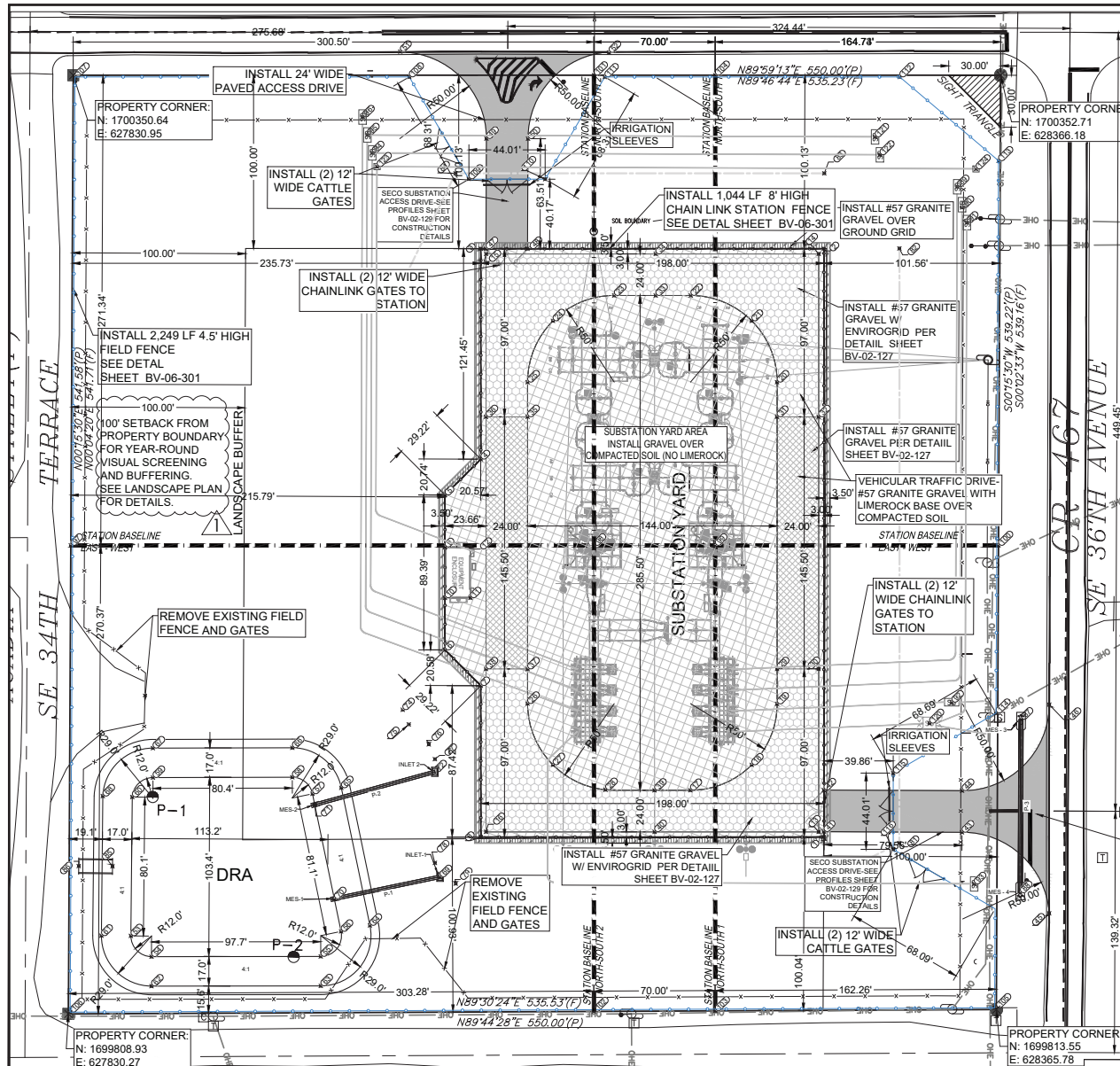
COUNTY ROADWAY NOTES:

- ALL STRIPING AND PAVEMENT MARKINGS WITHIN COUNTY RIGHT-OF-WAY TO BE THERMOPLASTIC (LEAD FREE). MARKING SIGNAGE SHALL BE IN ACCORDANCE WITH MUTCD AS ADOPTED BY F.D.O.T.
- SOO ALL DISTURBED AREAS IN ROW WITH ARGENTINA BAHIA SOO
- CONTRACTOR TO MEET ALL REQUIREMENTS FOR TRAFFIC CONTROL F.D.O.T. STD. INDEXES NO. 102-600 SERIES
- ALL CONSTRUCTION TO MEET MARION COUNTY STANDARDS AND SPECIFICATIONS.
- ALL EROSION CONTROL W/SILT FENCE TO CONFORM TO SECTION 985 OF THE F.D.O.T. STANDARD SPECIFICATIONS.
- CONTRACTOR TO COORDINATE ROADWAY IMPROVEMENTS WITH ALL UTILITY COMPANIES, AND MARION COUNTY, ENGINEERING DEPARTMENT.
- LOCATION OF EXISTING UTILITIES SHOWN ON PLANS IS AS PROVIDED BY THE SURVEYOR AND IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE, VERIFY, AND COORDINATE WITH THE VARIOUS UTILITY COMPANIES, THE EXACT LOCATION AND DEPTH OF THE EXISTING UTILITIES INCLUDING UNDERGROUND SIGNALIZATION CABLES WHERE APPLICABLE.
- ALL MAINTENANCE OF TRAFFIC SHALL ADHERE TO THE REQUIREMENTS OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS 102-600 INDEXES, LATEST EDITION.

SECO Energy, Inc.
330 SOUTH US HIGHWAY 301
SUMMITVILLE, FL 33585
E: biniam.tsegay@secoenergy.com
O: 352-569-9640

Revision:	BY:	Date:	Drawn by:	Provided by:
			BHT	SECO ENERGY
			Scale	SUMMITVILLE, FLORIDA
			NTS	FLORIDA 16 SUMMIT

Project Location MARION COUNTY		Type of Application MAJOR SITE PLAN		Engineer of Record BINIAM TSEGAY, P.E. FLORIDA P.E. LICENSE NO. 81411
Approved Date 12/08/2025	Date 11/24/2025	BELLEVUE SUBSTATION 2026 NEW RING BUS STATION SITE DETAILS SECTIONS		Work Order 212342
Approved By LBJ	Engineer BHT			Drawing # BV- 02 - 127



LEGEND

- GRAVEL / GROUND GRID - AREA OF 4" - NO. 57 GRANITE, NO LIMEROCK BASE, W/ 10" STABILIZED SUBGRADE WITH GROUND GRID
- HEAVY DUTY PAVEMENT: 2" SP9.5 ASPHALT, 8" LIMEROCK BASE, W/ 12" STABILIZED SUBGRADE
- LIGHT DUTY GRAVEL - AREA OF 4" - NO. 57 GRANITE, NO LIMEROCK BASE, W/ 10" STABILIZED SUBGRADE
- HEAVY DUTY GRAVEL - 6" NO. 57 GRANITE WITH A 6" LIMEROCK BASE, 10" STABILIZED SUBGRADE
- HEAVY DUTY GRAVEL - 6" NO. 57 GRANITE WITH A 6" LIMEROCK BASE, 10" STABILIZED SUBGRADE, AND ENVIROGRID W/ GEOWEB MEMBRANE
- THE VILLAGES AREA TERRITORY THAT IS UNDER CONSTRUCTION BY THE VILLAGES

COORDINATE POINT NUMBER AND LOCATION

Point #	North	East	Elevation
1	1699912.69	628265.79	69.68
2	1700252.19	628264.54	71.33
3	1700251.42	628066.54	70.36
4	1700129.97	628067.01	69.92
5	1700109.23	628046.43	69.70
6	1700198.85	628046.79	69.21
7	1699999.26	628067.52	69.21
8	1699911.93	628067.86	68.73

Point #	North	East	Elevation
9	1700079.22	628046.55	69.54
10	1700049.86	628046.66	69.38
11	1700049.91	628061.32	69.45
12	1700079.28	628061.21	69.61

Point #	North	East	Elevation
97	1700079.30	627830.61	65.94
98	1700080.47	628132.49	69.98
99	1700080.74	628202.49	70.34
100	1700081.36	628365.98	69.01
101	1700351.80	628131.45	70.69
102	1699811.55	628133.53	68.00
103	1699812.15	628203.53	69.16
104	1700352.08	628201.45	70.73

Point #	North	East	Elevation
13	1699915.68	628262.84	69.67
14	1700248.18	628261.55	71.33
15	1700248.44	628069.62	70.40
16	1699914.96	628070.84	68.76
17	1699936.41	628188.67	69.49
18	1699954.17	628224.05	69.75
19	1699989.39	628238.56	70.02
20	1700175.08	628237.79	70.97
21	1700210.38	628223.06	71.00
22	1700224.89	628187.84	70.84
23	1700224.72	628143.65	70.61
24	1700209.94	628108.35	70.41
25	1700174.53	628093.84	70.24
26	1699989.06	628094.53	69.29
27	1699953.73	628109.34	69.17
28	1699939.46	628139.73	69.24
29	1700009.58	628238.46	70.13
30	1700009.67	628262.42	70.26
31	1700155.08	628237.87	70.92
32	1700155.18	628261.86	71.05

Point #	North	East	Elevation
33	1700224.80	628167.59	70.73
34	1700248.81	628167.50	70.79
35	1700154.44	628093.92	70.19
36	1700154.44	628069.92	70.07
37	1700009.03	628094.48	69.40
38	1700008.94	628070.48	69.27
39	1699939.27	628167.99	69.39
40	1699915.31	628168.13	69.26

Point #	North	East	Elevation
89	1700288.24	628341.36	71.09
90	1700276.27	628344.19	71.10
91	1700267.58	628347.02	70.82
92	1699990.77	628339.36	69.91
93	1699885.97	628352.69	69.54
94	1700306.49	628003.68	70.39
95	1700316.83	628000.85	70.24
96	1700327.16	627998.01	70.08
120	1699978.60	628326.56	69.85
121	1700316.83	628293.83	70.65
122	1700306.49	628296.66	70.74
123	1700298.57	628006.52	70.35
124	1700298.57	628352.16	70.15

Point #	North	East	Elevation
41	1699915.80	628265.84	69.66
42	1699939.79	628265.74	69.82
43	1699915.73	628345.55	69.73
44	1699939.74	628345.50	69.74
45	1699969.19	628396.03	68.04
46	1699989.60	628395.63	69.01
47	1700251.58	628069.51	70.37
48	1700251.53	628093.51	70.49
49	1700314.99	628069.54	69.97
50	1700315.01	628093.57	70.00
51	1700364.98	628019.63	71.01
52	1700365.00	628140.08	71.01

Point #	North	East	Elevation
105	1699914.82	628364.76	69.22
106	1699909.94	627937.27	68.11
107	1700349.68	627931.95	70.82
108	1700369.39	628024.87	70.79
109	1700291.70	628103.53	69.79
110	1700362.83	628137.73	70.71
111	1700364.98	628019.63	71.01
112	1700365.00	628140.08	71.01
113	1700365.00	628140.08	71.01
114	1699985.61	628364.91	69.21
115	1699949.75	628352.71	69.45
116	1699902.76	628365.88	68.98

Point #	North	East	Elevation
41	1699915.80	628265.84	69.66
42	1699939.79	628265.74	69.82
43	1699915.73	628345.55	69.73
44	1699939.74	628345.50	69.74
45	1699969.19	628396.03	68.04
46	1699989.60	628395.63	69.01
47	1700251.58	628069.51	70.37
48	1700251.53	628093.51	70.49
49	1700314.99	628069.54	69.97
50	1700315.01	628093.57	70.00
51	1700364.98	628019.63	71.01
52	1700365.00	628140.08	71.01

Point #	North	East	Elevation
105	1699914.82	628364.76	69.22
106	1699909.94	627937.27	68.11
107	1700349.68	627931.95	70.82
108	1700369.39	628024.87	70.79
109	1700291.70	628103.53	69.79
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111	1700364.98	628019.63	71.01
112	1700365.00	628140.08	71.01
113	1700365.00	628140.08	71.01
114	1699985.61	628364.91	69.21
115	1699949.75	628352.71	69.45
116	1699902.76	628365.88	68.98

Point #	North	East	Elevation
41	1699915.80	628265.84	69.66
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43	1699915.73	628345.55	69.73
44	1699939.74	628345.50	69.74
45	1699969.19	628396.03	68.04
46	1699989.60	628395.63	69.01
47	1700251.58	628069.51	70.37
48	1700251.53	628093.51	70.49
49	1700314.99	628069.54	69.97
50	1700315.01	628093.57	70.00
51	1700364.98	628019.63	71.01
52	1700365.00	628140.08	71.01

Point #	North	East	Elevation
105	1699914.82	628364.76	69.22
106	1699909.94	627937.27	68.11
107	1700349.68	627931.95	70.82
108	1700369.39	628024.87	70.79
109	1700291.70	628103.53	69.79
110	1700362.83	628137.73	70.71
111	1700364.98	628019.63	71.01
112	1700365.00	628140.08	71.01
113	1700365.00	628140.08	71.01
114	1699985.61	628364.91	69.21
115	1699949.75	628352.71	69.45
116	1699902.76	628365.88	68.98

Point #	North	East	Elevation
41	1699915.80	628265.84	69.66
42	1699939.79	628265.74	69.82
43	1699915.73	628345.55	69.73
44	1699939.74	628345.50	69.74
45	1699969.19	628396.03	68.04
46	1699989.60	628395.63	69.01
47	1700251.58	628069.51	70.37
48	1700251.53	628093.51	70.49
49	1700314.99	628069.54	69.97
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51	1700364.98	628019.63	71.01
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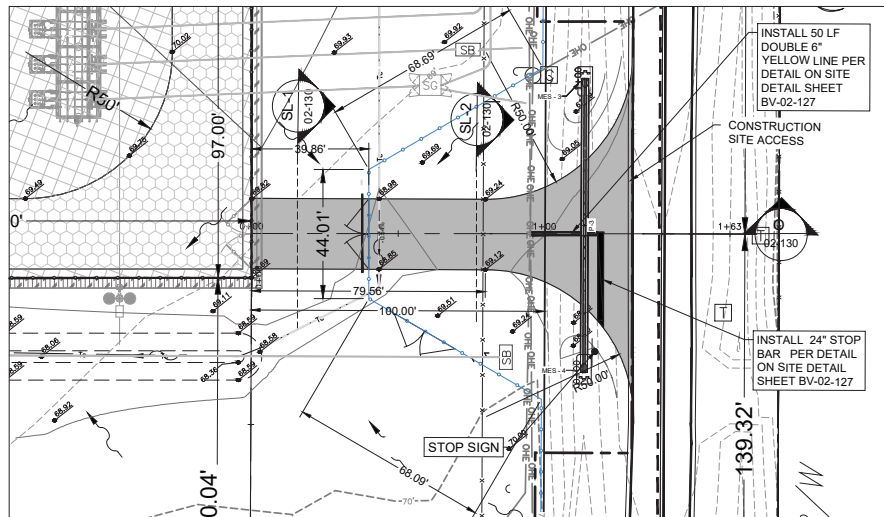
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106	1699909.94	627937.27	68.11
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108	1700369.39	628024.87	70.79
109	1700291.70	628103.53	69.79
110	1700362.83	628137.73	70.71
111	1700364.98	628019.63	71.01
112	1700365.00	628140.08	71.01
113	1700365.00	628140.08	71.01
114	1699985.61	628364.91	69.21
115	1699949.75	628352.71	69.45
116	1699902.76	628365.88	68.98

Point #	North	East	Elevation
41	1699915.80	628265.84	69.66
42	1699939.79	628265.74	69.82
43	1699915.73	628345.55	69.73
44	1699939.74	628345.50	69.74
45	1699969.19	628396.03	68.04
46	1699989.60	628395.63	69.01
47	1700251.58	628069.51	70.37
48	1700251.53	628093.51	70.49
49	1700314.99	628069.54	69.97
50	1700315.01	628093.57	70.00
51	1700364.98	628019.63	71.01
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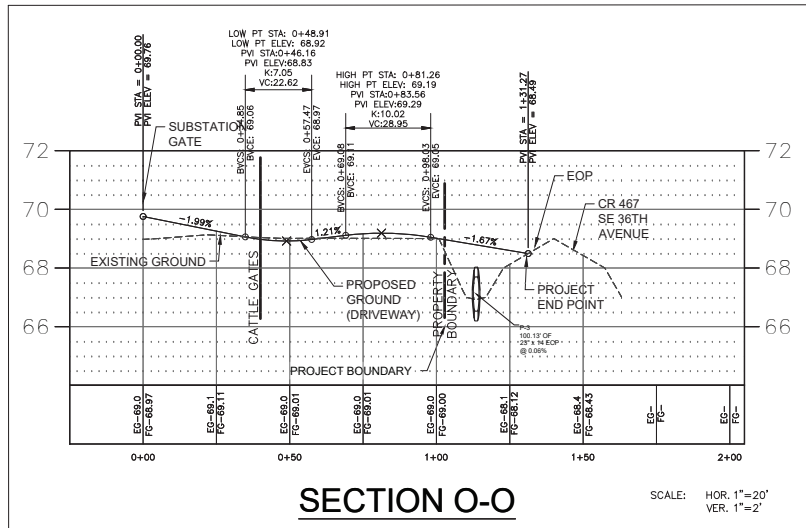
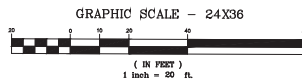
Point #	North	East	Elevation
105	1699914.82	628364.76	69.22
106	1699909.94	627937.27	68.11
107	1700349.68	627931.95	70.82
108	1700369.39	628024.87	70.79
109	1700291.70	628103.53	69.79
110	1700362.83	628137.73	70.71
111	1700364.98	628019.63	71.01
112	1700365.00	628140.08	71.01
113	1700365.00	628140.08	71.01
114	1699985.61	628364.91	69.21
115	1699949.75	628352.71	69.45
116	1699902.76	628365.88	68.98

Point #	North	East	Elevation
41	1699915.80	628265.84	69.66
42	1699939.79	628265.74	69.82
43	1699915.73	628345.55	69.73
44	1699939.74	628345.50	69.74
45	1699969.19	628396.03	68.04
46	1699989.60	628395.63	69.01
47	1700251.58	628069.51	70.37
48	1700251.53	628093.51	70.49
49	1700314.99	628069.54	69.97
50	1700315.01	628093.57	70.00
51	1700364.98	628019.63	71.01
52	1700365.00	628140.08	71.01

Point #	North	East	Elevation
105	1699914.82	628364.76	69.22
106	1699909.94	627937.27	68.11
107	1700349.68	627931.95	70.82
108	1700369.39	628024.87	70.79
109	1700291.70	628103.53	69.79
110	1700362.83	628137.73	70.71
111	1700364.98	628019.63	71.01
112	1700365.00	628140.08	71.01</



EASTERN ASPHALT DRIVEWAY PLAN



SECTION O-O

SCALE: HOR. 1"=20'
VER. 1"=2'

SECO Energy, Inc.
330 SOUTH US HIGHWAY 301
SUMMITVILLE, FL 32686
E: biniam.tsegay@secoenergy.com
O: 352-569-9640

Revision:

BY:

Date:

Drawn by:
BHT

Scale:
1:20

Provided by:



Project Location
MARION COUNTY

Approved Date
12/08/2025

Approved By
LBJ

Date
11/24/2025

Engineer
BHT

Type of Application
MAJOR SITE PLAN

**BELLEVIEW SUBSTATION
2026 NEW RING BUS STATION
DRIVEWAY DETAILS & PROFILES
SECO SUBSTATION**

Engineer of Record

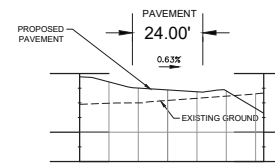
BINIAM TSEGAY, P.E.
FLORIDA P.E. LICENSE NO. 61411

Work Order
212342

Drawing #
BV- 02 - 130

LEGEND

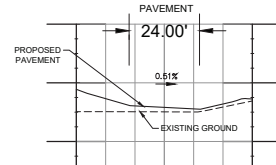
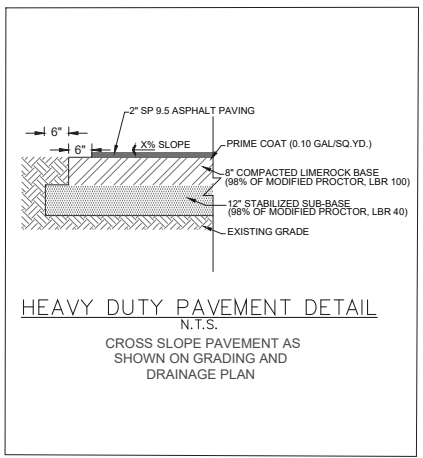
	GRAVEL / GROUND GRID - AREA OF 4" - NO. 57 GRANITE, NO LIMEROCK BASE, W/ 10" STABILIZED SUBGRADE WITH GROUND GRID
	HEAVY DUTY PAVEMENT: 2" SP9.5 ASPHALT, 8" LIMEROCK BASE, W/ 12" STABILIZED SUBGRADE
	LIGHT DUTY GRAVEL - AREA OF 4" - NO. 57 GRANITE, NO LIMEROCK BASE, W/ 10" STABILIZED SUBGRADE
	HEAVY DUTY GRAVEL - 6" NO. 57 GRANITE WITH A 6" LIMEROCK BASE, 10" STABILIZED SUBGRADE
	HEAVY DUTY GRAVEL - 6" NO. 57 GRANITE WITH A 6" LIMEROCK BASE, 10" STABILIZED SUBGRADE, AND ENVIROGRID W/GEOWEB MEMBRANE
	THE VILLAGES AREA TERRITORY THAT IS UNDER CONSTRUCTION BY THE VILLAGES



EXISTING ELEVATIONS	69.85	69.77	69.51	69.00	69.44	69.08	69.35	69.16	69.41	69.23	68.81	69.31
PROPOSED ELEVATIONS	69.85	69.77	69.51	69.00	69.44	69.08	69.35	69.16	69.41	69.23	68.81	69.31
OFFSET	L	L	L	O	R	R	R	R	R	R	R	R

ROAD CROSS-SECTION SL-1

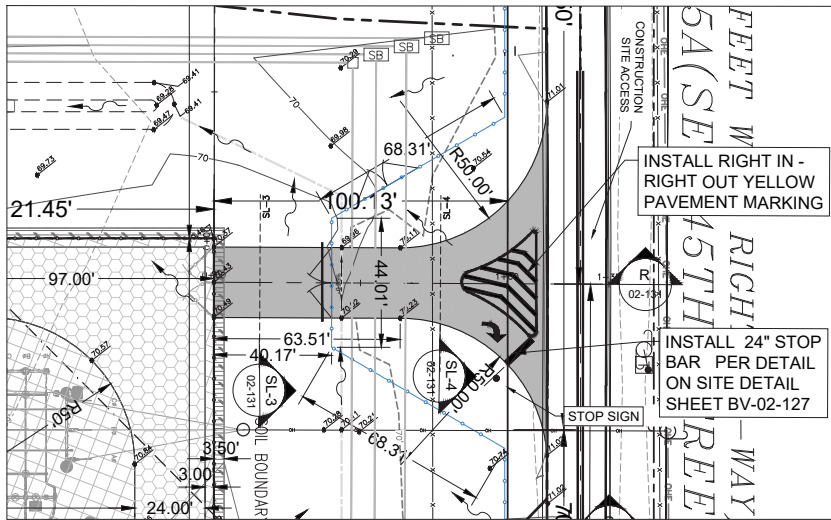
SCALE: HOR. 1"=20'
VER. 1"=2'



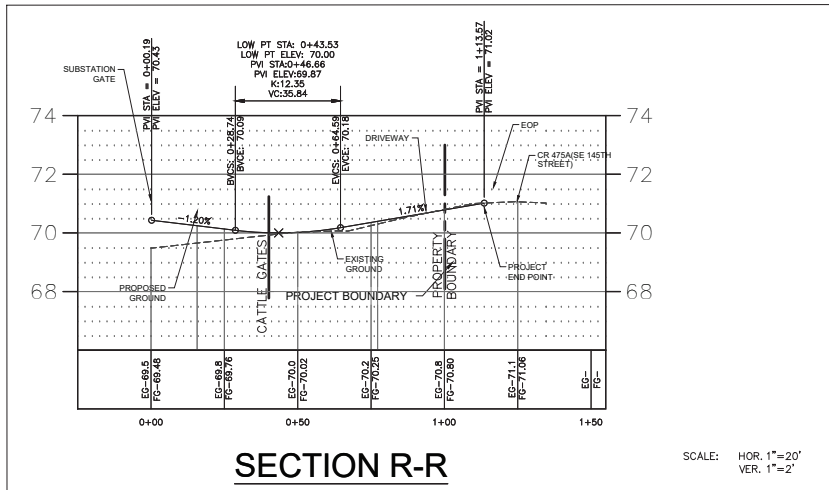
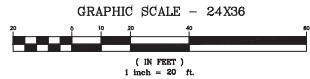
EXISTING ELEVATIONS	69.85	69.77	69.51	69.00	69.44	69.08	69.35	69.16	69.41	69.23	68.81	69.31
PROPOSED ELEVATIONS	69.85	69.77	69.51	69.00	69.44	69.08	69.35	69.16	69.41	69.23	68.81	69.31
OFFSET	L	L	L	O	R	R	R	R	R	R	R	R

ROAD CROSS-SECTION SL-2

SCALE: HOR. 1"=20'
VER. 1"=2'



NORTHERN ASPHALT DRIVEWAY PLAN



SECTION R-R

SCALE: HOR. 1"=20'
VER. 1"=2'

SECO Energy, Inc.
330 SOUTH US HIGHWAY 301
SUNTERVILLE, FL 33586
E: biniam.tsegay@secoenergy.com
O: 352-569-9640

Revision:

BY:

Date:

Drawn by:
BHT

Scale:
1:20

Provided by:



Project Location
MARION COUNTY

Approved Date
12/08/2025

Approved By
LBJ

Date
11/24/2025

Engineer
BHT

Type of Application
MAJOR SITE PLAN

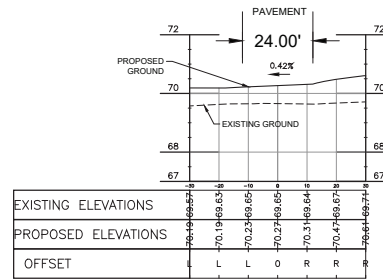
BELLEVIEW SUBSTATION
2026 NEW RING BUS STATION
DRIVEWAY DETAILS & PROFILES
SECO SUBSTATION

Engineer of Record

BINIAM TSEGAY, P.E.
FLORIDA P.E. LICENSE NO. 81411

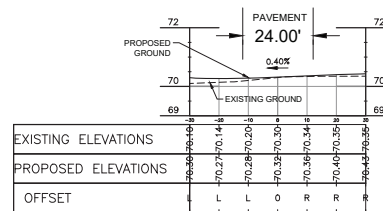
Work Order
212342

Drawing #
BV- 02 - 131



ROAD CROSS-SECTION SL-3

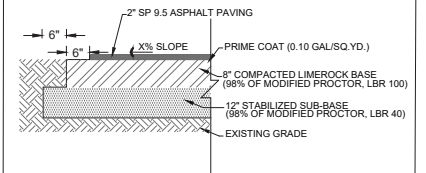
SCALE: HOR. 1"=20'
VER. 1"=2'



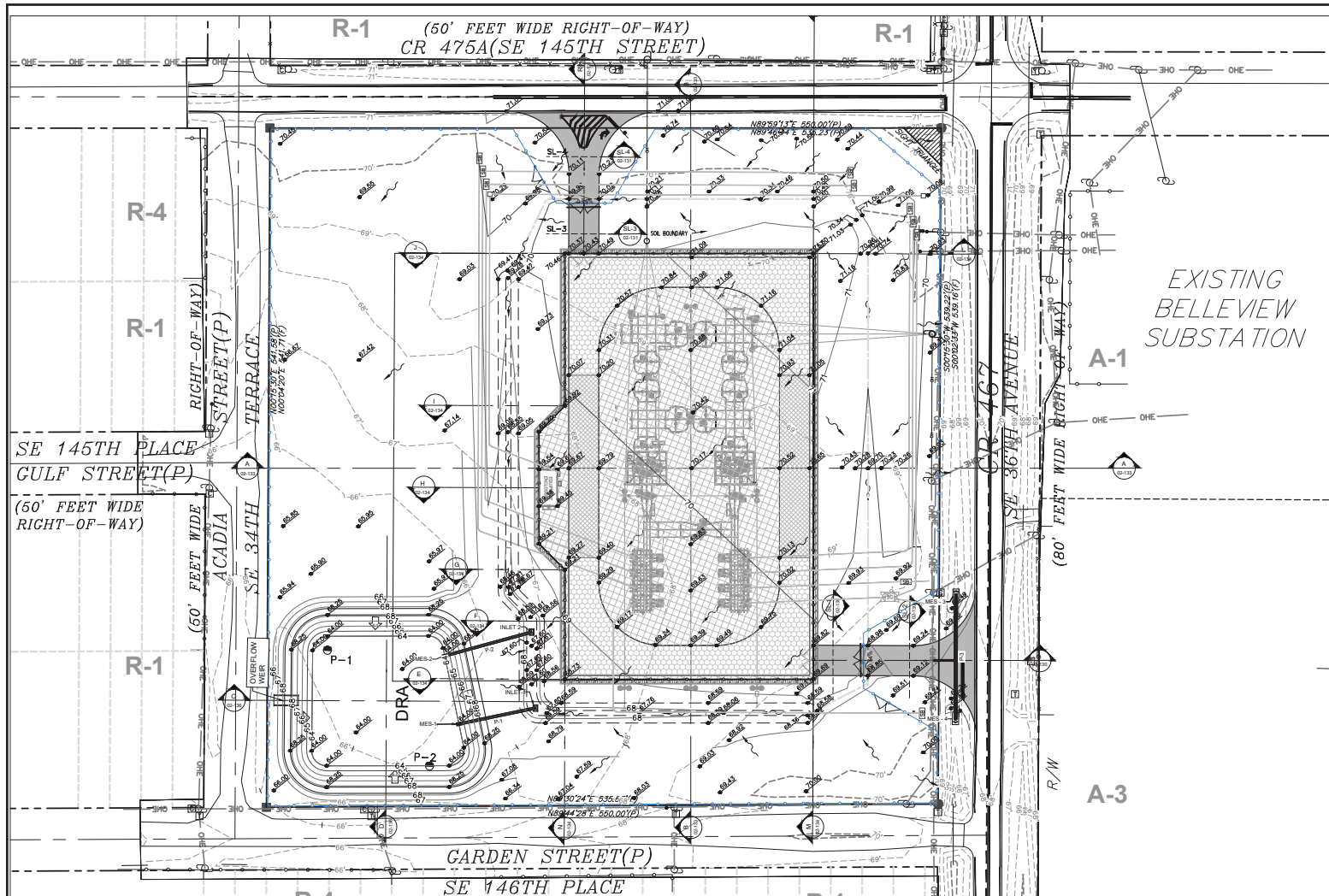
ROAD CROSS-SECTION SL-4

SCALE: HOR. 1"=20'
VER. 1"=2'

- LEGEND**
- GRAVEL / GROUND GRID - AREA OF 4" - NO. 57 GRANITE, NO LIMEROCK BASE, W/ 10" STABILIZED SUBGRADE WITH GROUND GRID
 - HEAVY DUTY PAVEMENT: 2" SP9.5 ASPHALT, 8" LIMEROCK BASE, W/ 12" STABILIZED SUBGRADE
 - LIGHT DUTY GRAVEL - AREA OF 4" - NO. 57 GRANITE, NO LIMEROCK BASE, W/ 10" STABILIZED SUBGRADE
 - HEAVY DUTY GRAVEL - 6" NO. 57 GRANITE WITH A 6" LIMEROCK BASE, 10" STABILIZED SUBGRADE
 - HEAVY DUTY GRAVEL - 6" NO. 57 GRANITE WITH A 6" LIMEROCK BASE, 10" STABILIZED SUBGRADE, AND ENVIROGRID W/ GEOTEX MEMBRANE
 - THE VILLAGES AREA TERRITORY THAT IS UNDER CONSTRUCTION BY THE VILLAGES



HEAVY DUTY PAVEMENT DETAIL N.T.S. CROSS SLOPE PAVEMENT AS SHOWN ON GRADING AND DRAINAGE PLAN



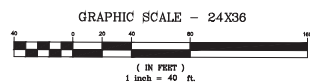
EXISTING
BELLEVIEW
SUBSTATION

LEGEND

- GRAVEL / GROUND GRID - AREA OF 4" - NO. 57 GRANITE, NO LIMEROCK BASE, W/ 10" STABILIZED SUBGRADE WITH GROUND GRID
- HEAVY DUTY PAVEMENT: 2" SP9.5 ASPHALT, 6" LIMEROCK BASE, W/ 12" STABILIZED SUBGRADE
- LIGHT DUTY GRAVEL - AREA OF 4" - NO. 57 GRANITE, NO LIMEROCK BASE, W/ 10" STABILIZED SUBGRADE
- HEAVY DUTY GRAVEL - 6" NO. 57 GRANITE WITH A 6" LIMEROCK BASE, 10" STABILIZED SUBGRADE
- HEAVY DUTY GRAVEL - 6" NO. 57 GRANITE WITH A 6" LIMEROCK BASE, 10" STABILIZED SUBGRADE, AND ENVIROGRID W/ GEOTEXTILE MEMBRANE
- THE VILLAGES AREA TERRITORY THAT IS UNDER CONSTRUCTION BY THE VILLAGES
- FLOW ARROW
- PREDEVELOPMENT CONTOURS
- PROPOSED CONTOURS
- PROPOSED SPOT GRADE
- INDICATES CONC. MITERED END
- INDICATES 4:1 SLOPES
- STATION BASELINE
- POST DEVELOPMENT SHED
- COORDINATE POINT NUMBER AND LOCATION
- LANDSCAPE BUFFER

Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
BV_Cut-Fill	1.000	1.000	211771.39 Sq. Ft.	1127.28 Cu. Yd.	7880.79 Cu. Yd.	6753.51 Cu. Yd.<Fill>
Totals			211771.39 Sq. Ft.	1127.28 Cu. Yd.	7880.79 Cu. Yd.	6753.51 Cu. Yd.<Fill>



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Revision:

BY:

Date:

Drawn by:

BHT

Scale

1:40

Provided by:



Project Location
MARION COUNTY

Approved Date
12/08/2025

Approved By
LBJ

Date
11/24/2025

Engineer
BHT

Type of Application
MAJOR SITE PLAN

BELLEVIEW SUBSTATION
2026 NEW RING BUS STATION
MASTER GRADING
PLAN

Engineer of Record

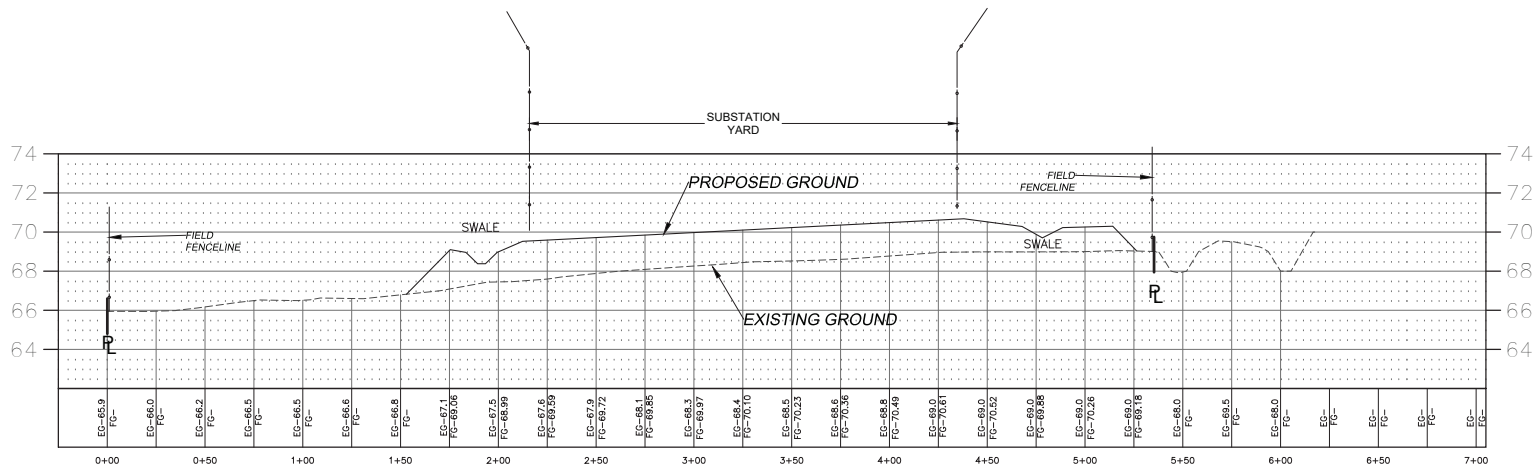
BINIAM TSEGAY, P.E.
FLORIDA P.E. LICENSE NO. 81411

Work Order

212342

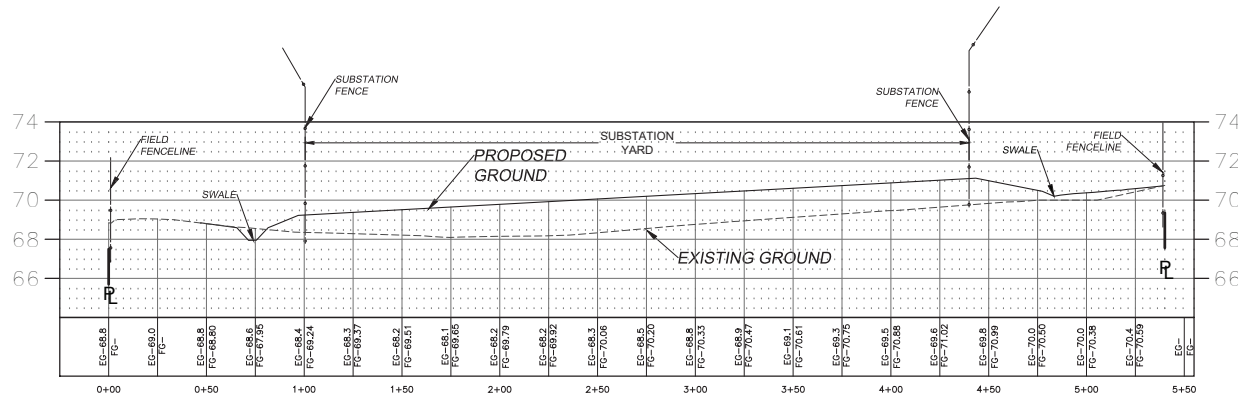
Drawing #

BV- 02 - 132



SECTION A-A
EAST - WEST

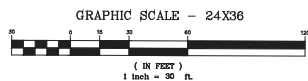
SCALE: HOR. 1"=30'
VER. 1"=3'



SECTION B-B
NORTH-SOUTH

SCALE: HOR. 1"=30'
VER. 1"=3'

NOTE:
REFER SHEET BV-02-128 FOR
GRADING SECTION LOCATIONS.

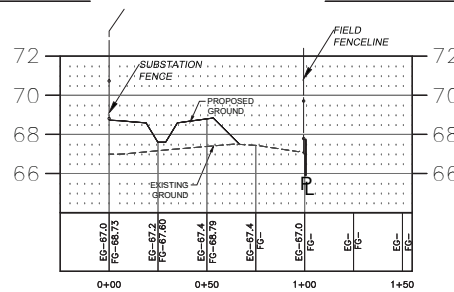
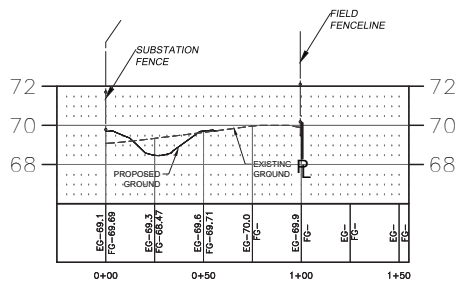
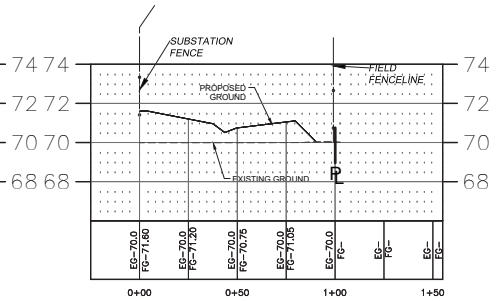
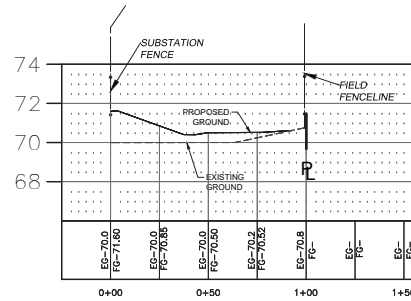
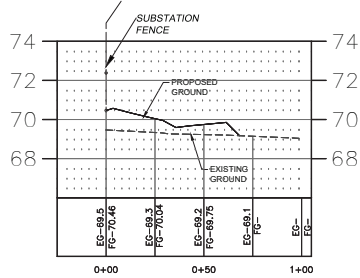
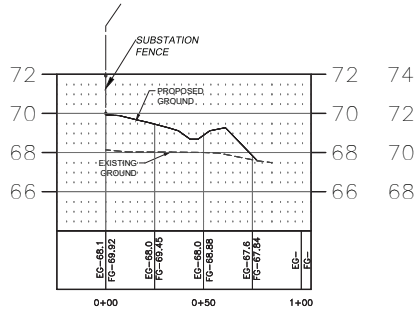
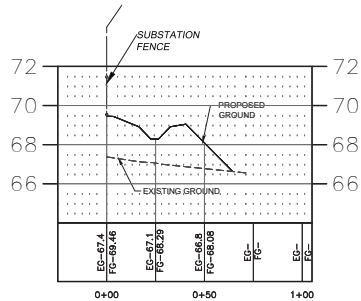
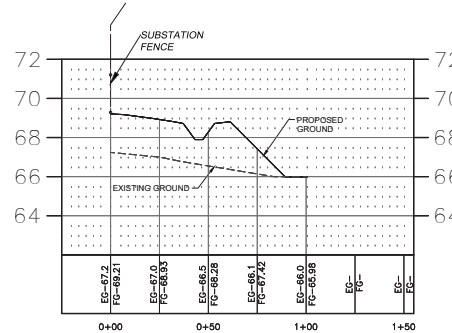
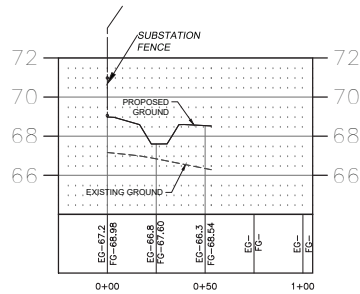
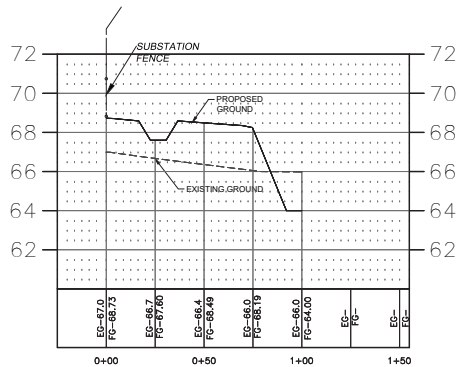


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			BHT
			Scale
			SHOWN

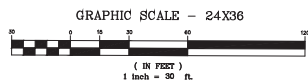


Project Location MARION COUNTY		Type of Application MAJOR SITE PLAN	Engineer of Record BINIAM TSEGAY, P.E. FLORIDA P.E. LICENSE NO. 81411
Approved Date 12/08/2025	Date 11/24/2025	BELLEVUE SUBSTATION 2026 NEW RING BUS STATION SITE GRADING SITE PROFILES	Work Order 212342
Approved By LBJ	Engineer BHT		Drawing # BV- 02 - 133



NOTE:
REFER SHEET BV-02-128 FOR
GRADING SECTION LOCATIONS.

SCALE: HOR. 1"=30'
VER. 1"=3'



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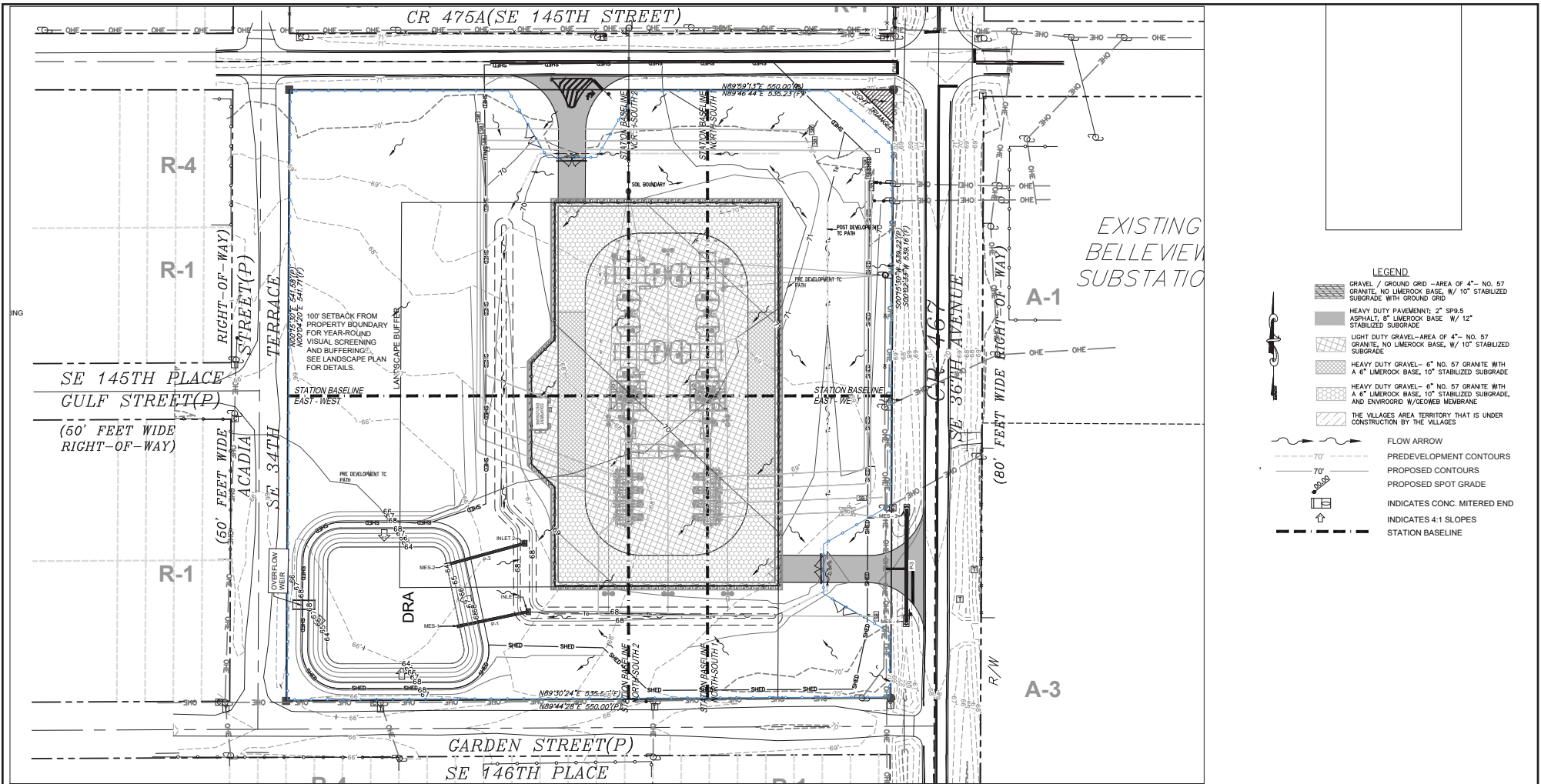
Drawn by:
BHT
Scale:
1:30



Project Location MARION COUNTY	
Approved Date 12/08/2025	Date 11/24/2025
Approved By LBJ	Engineer BHT

Type of Application MAJOR SITE PLAN
BELLEVUE SUBSTATION 2026 NEW RING BUS STATION SITE GRADING SECTIONS

Engineer of Record BINIAM TSEGAY, P.E. FLORIDA P.E. LICENSE NO. 81411
Work Order 212342
Drawing # BV- 02 - 134

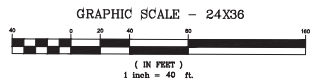


DRAINAGE STRUCTURES

STRUCTURE NAME	STRUCTURE TYPE	GRATE ELEVATION	EASTING	NORTHING	CONNECTED PIPES
INLET-1	TYPE F INLET STR	67.60	628044.4162	1699888.883	P-1
INLET 2	TYPE F INLET STR	67.60	628041.193	1699949.456	P-2
MES-1	Storm MES 18"		627983.4344	1699875.967	P-1
MES-2	Storm MES 18"		627971.9618	1699930.204	P-2
MES-3	Mitered End Section		628379.3672	1699981.096	P-3
MES-4	Mitered End Section		628379.2753	1699880.963	P-3

PIPE SCHEDULE

PIPE NAME	DESCRIPTION	LENGTH	START INVERT	END INVERT	SLOPE	START STRUCTURE	END STRUCTURE	START EASTING	START NORTHING	END EASTING	END NORTHING
P-1	18" RCP	62.33	65	64	1.60%	INLET-1	MES-1	628044.4182	1699888.883	627983.4481	1699875.97
P-2	18" RCP	69.78	65	64	1.39%	INLET 2	MES-2	628041.193	1699949.456	627971.9618	1699930.204
P-3	23" x 14" Concrete Elliptical Culvert	98.13	66.56	66.5	0.06%	MES-3	MES-4	628379.3889	1699981.096	628379.2753	1699880.963



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Project Location
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Approved Date
12/08/2025

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LBJ

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11/24/2025

Engineer
BHT

Type of Application
MAJOR SITE PLAN

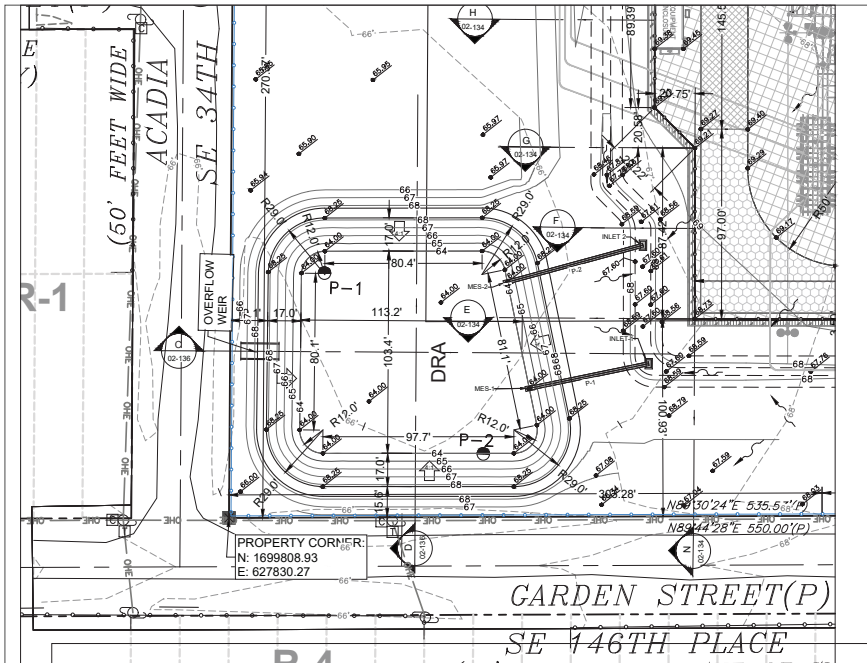
BELLEVIEW SUBSTATION
2026 NEW RING BUS STATION
MASTER DRAINAGE
PLAN

Engineer of Record

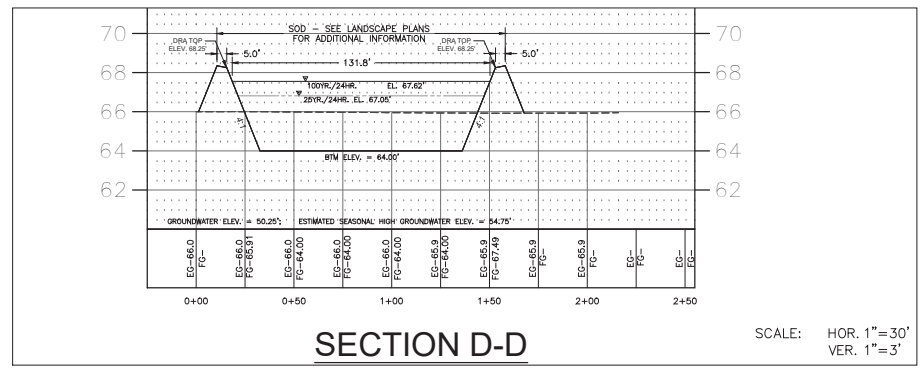
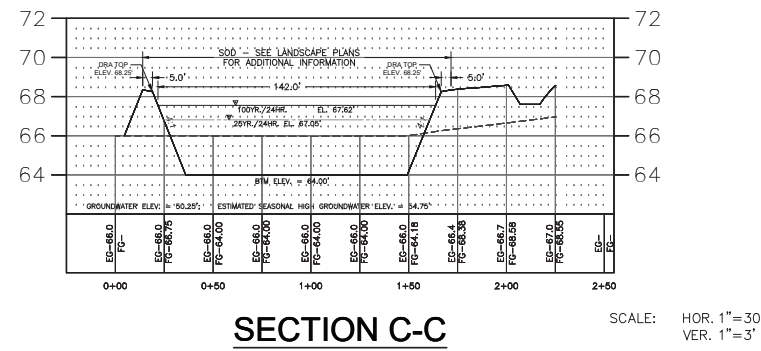
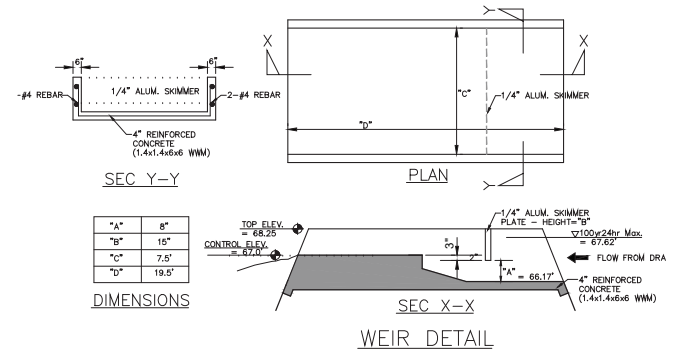
BINIAM TSEGAY, P.E.
FLORIDA P.E. LICENSE NO. 81411

Work Order
212342

Drawing #
BV- 02 - 135

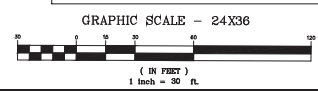


Point #	Northing	Easting	Elevation
53	1699854.11	627866.13	64.00
54	1699842.15	627878.10	64.00
55	1699842.67	627975.76	64.00
56	1699857.15	627987.43	64.00
57	1699936.50	627970.63	64.00
58	1699946.01	627958.93	64.00
59	1699945.50	627878.54	64.00
60	1699934.23	627866.63	64.00
61	1699854.15	627849.13	68.25
62	1699825.15	627878.13	68.25
63	1699825.67	627975.85	68.25
64	1699860.67	628004.06	68.25
65	1699940.02	627987.26	68.25
66	1699963.01	627958.89	68.25
67	1699962.50	627878.43	68.25
68	1699934.71	627849.64	68.25



NOTE:
A MINIMUM OF THREE (3) FEET OF UNCONSOLIDATED SOIL MATERIAL SHALL BE PROVIDED BETWEEN THE SURFACE OF ANY LIMESTONE BEDROCK AND THE BOTTOM AND SIDES OF ANY STORM WATER FACILITY.

DRA MAINTENANCE NOTE:
THE DRA WILL REQUIRE PERIODIC MAINTENANCE, WHICH CONSISTS OF MOWING, REMOVAL OF DEBRIS THAT HAS WASHED INTO THE DRA AND YEARLY INSPECTIONS TO DETERMINE IF THERE IS EROSION DAMAGE THAT NEEDS TO BE REPAIRED. IN ADDITION, THE STORM STRUCTURES WILL NEED TO BE INSPECTED ANNUALLY TO INSURE DEBRIS IS REMOVED AND THERE IS NO PHYSICAL DAMAGE WHICH MAY HAMPER THE FUNCTION OF THE STRUCTURES.



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Revision: _____ BY: _____ Date: _____

Drawn by: **BHT**
Scale: **1:30**



Project Location
MARION COUNTY

Approved Date: **12/08/2025**
Date: **11/24/2025**
Approved By: **LBJ**
Engineer: **BHT**

Type of Application
MAJOR SITE PLAN

BELLEVIEW SUBSTATION
2026 NEW RING BUS STATION
DRA & DRAINAGE
DETAILS

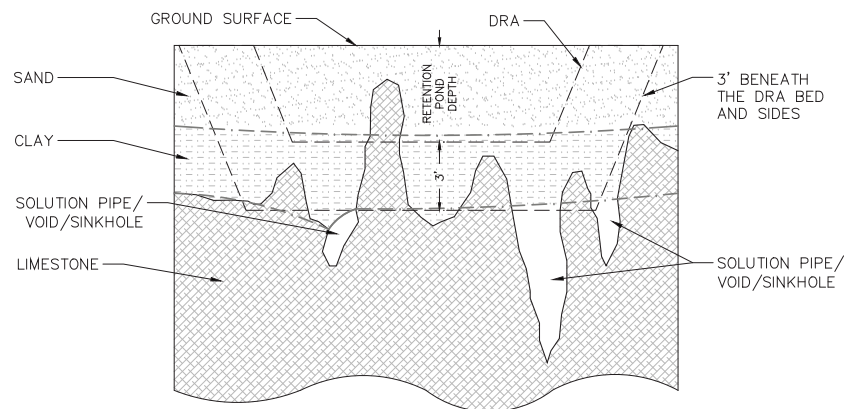
Engineer of Record
BINIAM TSEGAY, P.E.
FLORIDA P.E. LICENSE NO. 81411

Work Order
212342

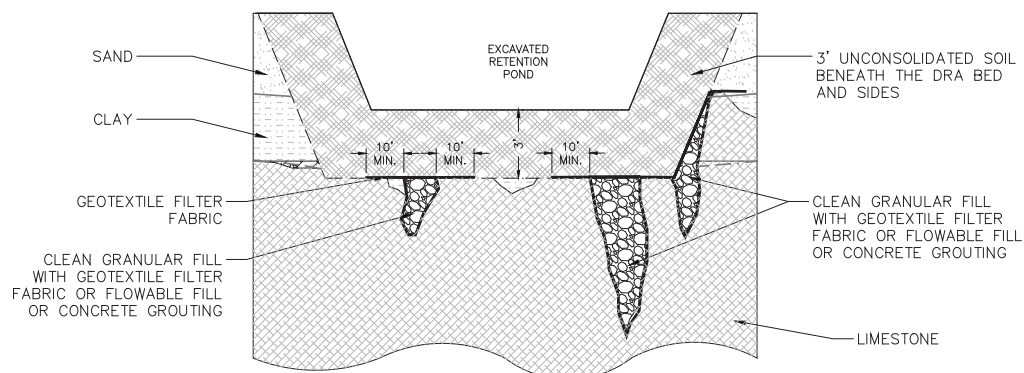
Drawing #
BV- 02 -136A

KARST REPAIR GENERAL NOTES

1. CONTRACTOR SHALL MONITOR FOR POTENTIAL KARST FEATURES, INCLUDING VOIDS, SOFT ZONES, RAVELING SOILS, SOLUTION PIPES, OR LIMEROCK CAVITIES ENCOUNTERED DURING RETENTION POND EXCAVATION.
2. THE UPPER THREE (3) FEET OF SOIL BENEATH THE BOTTOM AND SIDE SLOPES OF THE DRAINAGE RETENTION AREA (DRA) SHALL BE EVALUATED FOR THE PRESENCE OF SOLUTION FEATURES, VOIDS, RAVELED ZONES, OR OTHER UNSUITABLE MATERIALS.
3. EXCAVATION WITHIN AREAS OF POTENTIAL KARST ACTIVITY SHALL BE PERFORMED IN A MANNER THAT MINIMIZES DISTURBANCE TO STABLE SUBSURFACE CONDITIONS.
4. ALL SUSPECTED KARST CONDITIONS SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER PRIOR TO CONTINUATION OF EXCAVATION ACTIVITIES IN THE AFFECTED AREA.
5. ANY ENCOUNTERED VOIDS, CAVITIES, OR UNSTABLE MATERIALS SHALL BE EVALUATED BY GEOTECHNICAL ENGINEER.
6. LOOSE MATERIAL SHALL BE EXCAVATED FROM THE SINKHOLE AND EXPOSE SOLUTION VOID(S) IF POSSIBLE. ENLARGE SINKHOLE IF NECESSARY TO ALLOW FOR INSTALLATION OF FILTER MATERIALS FOLLOWING OSHA REGULATIONS AT ALL TIMES DURING EXCAVATION.
7. REPAIR KARST FEATURES USING CLEAN GRANULAR FILL, FILTER FABRIC, FLOWABLE FILL, GROUTING, OR OTHER STABILIZATION METHODS AS SHOWN ON THE REPAIR DETAIL.
8. A MINIMUM OF 3 FEET OF UNCONSOLIDATED SOIL SHALL BE MAINTAINED BENEATH THE BOTTOM AND SIDE SLOPES OF DRAINAGE RETENTION AREA (DRA) AND THE LIMEROCK SURFACE.
9. CONTRACTOR SHALL PROVIDE TEMPORARY DEWATERING, SLOPE STABILIZATION, AND SAFETY MEASURES AS NECESSARY TO MAINTAIN A STABLE EXCAVATION.
10. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT GEOTECHNICAL REPORT, APPLICABLE PERMIT CONDITIONS, AND LOCAL REGULATORY REQUIREMENTS FOR CONSTRUCTION WITHIN A SECONDARY SPRING PROTECTION ZONE.
11. THE STORMWATER SYSTEM MUST BE INSPECTED ON A MONTHLY BASIS FOR EVIDENCE OF SINKHOLE ACTIVITY OR THE DEVELOPMENT OF SOLUTION PIPES.



POTENTIAL KARST PROFILE



FINAL DRA PROFILE

KARST REPAIR DETAIL

NOTE: KARST REPAIR DETAIL MAY BE MODIFIED BASED ON ACTUAL SITE CONDITIONS AND CONSTRUCTION OPERATIONS.

N.T.S.

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Revision:	BY:	Date:
KARST REPAIR DETAIL ADDED TO THE PACKAGE PER MC COMMENTS		
	BHT	5/28/26

Drawn by:
BHT
Scale
NTS

Provided by:
SECO ENERGY
SUNTERVILLE, FLORIDA
FLORIDA 16 SUMTER

Project Location MARION COUNTY	
Approved Date 05/28/2026	Date 05/26/2026
Approved By LBJ	Engineer BHT

Type of Application MAJOR SITE PLAN
BELLEVUE SUBSTATION 2026 NEW RING BUS STATION KARST REPAIR NOTES AND DETAILS

Engineer of Record
BINIAM TSEGAY, P.E. FLORIDA P.E. LICENSE NO. 81411
Work Order
212342
Drawing #
BV- 02 -136B

SECTION 1

GENERAL REQUIREMENTS

1. SCOPE
WORK UNDER THIS CONTRACT INCLUDES THE FURNISHING OF ALL LABOR, MATERIALS, EQUIPMENT AND INCIDENTALS NECESSARY TO CONSTRUCT THE SITE IMPROVEMENTS AS SHOWN ON THE PLANS AND SPECIFIED HEREIN; COMPLETE, TESTED AND READY FOR SERVICE.
2. PRE-CONSTRUCTION MEETING
IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CALL FOR, ARRANGE AND COORDINATE A PRE-CONSTRUCTION CONFERENCE PRIOR TO THE START OF THE PROJECT. THIS MEETING SHALL BE ATTENDED BY REPRESENTATIVES OF THE OWNER, THE ENGINEER, THE CONTRACTOR AND REGULATORY AGENCY REPRESENTATIVES. THE PURPOSE OF THIS MEETING IS TO OUTLINE THE CONSTRUCTION METHODS AND SCHEDULING.
3. SAFETY AND HEALTH REGULATIONS
THE CONTRACTOR SHALL AT ALL TIMES CONDUCT HIS WORK AS TO INSURE THE LEAST POSSIBLE OBSTRUCTION TO TRAFFIC AND INCONVENIENCE TO THE GENERAL PUBLIC AND THE RESIDENTS IN THE VICINITY OF THE WORK, AND TO PROTECT PERSONS FROM INJURY AND TO AVOID PROPERTY DAMAGE. ADEQUATE LIGHTING, SIGNS, BARRICADES AND GUARDS, AS REQUIRED, SHALL BE PLACED AND MAINTAINED DURING THE PROGRESS OF THE WORK.

ALL EQUIPMENT AND MATERIALS FURNISHED AND INSTALLED UNDER THIS CONTRACT SHALL COMPLY WITH THE REQUIREMENTS OF THE DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION, OCCUPATIONAL SAFETY AND HEALTH STANDARDS, AND OCCUPATIONAL SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION.

4. SURVEYS
HORIZONTAL AND VERTICAL CONTROL, NECESSARY TO LAYOUT THE WORK IN AN ORDERLY WORKMANLIKE MANNER SHALL BE PROVIDED, AS OUTLINED IN THE INVITATION TO BID.

HORIZONTAL CONTROL SHALL CONSIST OF ADEQUATELY MARKED CENTERLINE CONTROL. VERTICAL CONTROL WILL CONSIST OF BENCH MARKS ESTABLISHED WITHIN THE LIMITS OF THE WORK.

THE CONTRACTOR SHALL MAINTAIN AND PRESERVE ALL STAKES AND MARKS ESTABLISHED AND SHOULD SUCH STAKES OR MARKS BE DESTROYED OR DAMAGED, SAID STAKES OR MARKS SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

5. SUBSURFACE INFORMATION
WHEN SOIL BORINGS ARE TAKEN BY THE ENGINEER THEY WILL BE MADE AVAILABLE UPON REQUEST.

6. EXISTING UTILITY LOCATION
EXISTING UTILITIES AND FACILITIES ARE SHOWN ON THE DRAWINGS ONLY FOR THE CONVENIENCE OF ALL PARTIES CONCERNED AND WERE ESTABLISHED WITHOUT GUARANTEE AS TO THEIR ACCURACY OR COMPLETENESS OR LOCATION. PRIOR TO PERFORMING ANY WORK, THE CONTRACTOR SHALL DETERMINE, BY SITE INSPECTION OR OTHERWISE, ALL PERTINENT DATA CONCERNING THE EXISTING UTILITIES, STRUCTURES, AND FACILITIES, INCLUDING THE REQUEST TO EACH UTILITY AGENCY TO ADVISE HIM OF THE LOCATION OF THEIR FACILITIES IN THE WORK VICINITY.

THE CONTRACTOR SHALL BE COMPLETELY RESPONSIBLE FOR THE RELOCATION, AS REQUIRED, OF EXISTING UTILITIES AND STRUCTURES WITH SUCH WORK ACCOMPLISHED AT NO ADDITIONAL COST TO THE OWNER. THE OWNER AND ENGINEER WILL ASSUME NO LIABILITY FOR DAMAGES SUSTAINED OR COSTS INCURRED BECAUSE OF THE CONTRACTOR'S OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES. THE CONTRACTOR SHALL SCHEDULE HIS WORK IN SUCH A MANNER THAT HE IS NOT DELAYED BY THE UTILITY COMPANIES RELOCATING OR SUPPORTING THEIR UTILITIES. NO COMPENSATION SHALL BE MADE FOR SUCH LOSS OF TIME.

ALL OVERHEAD, SURFACE, OR UNDERGROUND STRUCTURES ENCOUNTERED IN TRENCHING, WHETHER SHOWN ON THE PLANS OR NOT SHOWN ON THE PLANS, ARE TO BE CAREFULLY PROTECTED FROM INJURY OR DISPLACEMENT, AND ALL DAMAGE TO SUCH STRUCTURES IS TO BE COMPLETELY REPAIRED WITHIN A REASONABLE TIME. OTHERWISE, THE ENGINEER MAY GIVE TWENTY-FOUR HOURS NOTICE TO THE CONTRACTOR, THEN REPAIR THE DAMAGE AT THE CONTRACTOR'S EXPENSE. ALL SUCH REPAIRS MADE BY THE CONTRACTOR ARE TO BE MADE TO THE SATISFACTION OF THE ENGINEER. ALL DAMAGED PIPES MUST BE REPLACED OR PREVENTED FROM LEAKING. ALSO, ALL SUCH REPAIRS ARE TO BE INSPECTED BY THE ENGINEER PRIOR TO BACKFILLING.

THE CONTRACTOR MUST CAREFULLY PROTECT FROM DISTURBANCE OR INJURY, ALL MONUMENTS, STAKES, AND BENCH MARKS, AND SHALL NOT EXCAVATE NEARER THAN FIVE FEET TO ANY OF THEM UNTIL THEY HAVE BEEN REMOVED, WITNESSED OR OTHERWISE DISPOSED OF BY THE ENGINEER.

7. SALVAGED MATERIAL
UNLESS OTHERWISE STATED HEREIN OR NOTED ON THE DRAWINGS, ALL MATERIALS SALVAGED UNDER THIS CONTRACT SHALL BECOME THE PROPERTY OF THE OWNER. SALVAGED MATERIALS MAY NOT BE REUSED IN THE WORK EXCEPT UPON WRITTEN APPROVAL OF THE ENGINEER. ALL SALVAGED MATERIALS NOT REUSED SHALL BE TURNED OVER TO THE OWNER OR REMOVED FROM THE SITE OF WORK.

8. ELECTRICITY
ALL ELECTRIC CURRENT REQUIRED BY THE CONTRACTOR SHALL BE FURNISHED AT HIS OWN EXPENSE. ALL TEMPORARY CONNECTIONS FOR ELECTRICITY SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. IN THE EVENT THE ELECTRICITY IS MADE AVAILABLE BY THE OWNER, THE CONTRACTOR SHALL AT HIS OWN EXPENSE, INSTALL A METER TO DETERMINE THE AMOUNT OF CURRENT USED BY HIM AND SUCH ELECTRICITY WILL BE PAID FOR BY, OR CHARGED TO THE CONTRACTOR AT PREVAILING RATES OR AT REASONABLE RATES AS DETERMINED BY THE ENGINEER. ALL TEMPORARY LINES WILL BE FURNISHED, IN- STALLED, CONNECTED AND MAINTAINED BY THE CONTRACTOR IN A WORKMANLIKE MANNER, SATISFACTORY TO THE ENGINEER AND SHALL BE REMOVED BY THE CONTRACTOR IN LIKE MANNER AT HIS EXPENSE PRIOR TO COMPLETION OF THE CONSTRUCTION.

9. MATERIAL APPROVAL AND SHOP DRAWINGS
ALL MATERIALS FURNISHED BY THE CONTRACTOR SHALL BE NEW AND AS SPECIFIED AND SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL, IF REQUIRED, FURNISH SATISFACTORY EVIDENCE FOR THE APPROVAL OF THE ENGINEER, AS TO THE KIND AND QUALITY OF MATERIALS. BEFORE BEGINNING WORK, THE CONTRACTOR SHALL ADVISE AND SHALL OBTAIN THE APPROVAL OF THE ENGINEER, IN WRITING, FOR ANY OPTIONAL MATERIALS ALLOWABLE UNDER THE VARIOUS HEADINGS, WHICH HE PROPOSED TO USE. ALL EQUIPMENT SHALL BE INSTALLED IN COMPLETE ACCORD WITH THE MANUFACTURER'S RECOMMENDATIONS.

THE CONTRACTOR SHALL SUBMIT FOR THE APPROVAL OF THE ENGINEER, PRIOR TO START OF CONSTRUCTION, DETAILED OR SHOP DRAWINGS OF EQUIPMENT AND MATERIALS HE CONTEMPLATES FURNISHING UNDER THIS CONTRACT. EQUIPMENT SHALL NOT BE FABRICATED OR MATERIALS SHIPPED UNTIL SHOP DRAWINGS AND MATERIAL SUBMITTALS HAVE BEEN APPROVED. FIVE (5) COPIES OF SHOP DRAWINGS AND MATERIAL SUBMITTALS SHALL BE SUBMITTED. SHOP DRAWINGS AND MATERIAL SUBMITTALS SHALL BE CHECKED, SIGNED, DATED AND STAMPED BY THE CONTRACTOR BEFORE SUBMISSION TO THE ENGINEER.

10. MOBILIZATION
THE WORK SPECIFIED IN THIS SECTION CONSISTS OF THE PREPARATORY WORK AND OPERATIONS IN MOBILIZING FOR BEGINNING WORK ON THE PROJECT, BUT NOT LIMITED TO, THOSE OPERATIONS NECESSARY FOR THE MOVEMENT OF PERSONNEL, EQUIPMENT, SUPPLIES AND INCIDENTALS TO THE PROJECT SITE, AND FOR THE ESTABLISHMENT OF TEMPORARY OFFICES, BUILDINGS, SAFETY EQUIPMENT AND FIRST AID SUPPLIES, SANITARY AND OTHER PROVISIONS AS REQUIRED BY THESE SPECIFICATIONS AND LOCAL AND STATE LAWS AND REGULATIONS. THE COSTS OF INSURANCE AND ANY OTHER PRE-CONSTRUCTION EXPENSE NECESSARY FOR THE START OF THE WORK, EXCLUDING ANY CONSTRUCTION MATERIALS, SHALL BE INCLUDED.

11. SPECIAL CONSIDERATION
ALL WORK UNDER THIS CONTRACT SHALL BE PERFORMED WITH MINIMAL INTERRUPTION OF THE SURROUNDING COMMUNITY. WHERE IT IS NECESSARY TO MAKE CONNECTIONS TO OR CHANGES IN EXISTING FACILITIES, THE REQUIRED INTERRUPTION SHALL BE KEPT TO A MINIMUM.

12. TRAFFIC REGULATION

- A. GENERAL
THE WORK UNDER THIS CONTRACT SHALL BE IN STRICT ACCORDANCE WITH THE FOLLOWING CODES AND STANDARDS:

- (1) LOCAL COUNTY AND MUNICIPAL CODES
(2) FLORIDA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS

- B. TRAFFIC AND VEHICULAR ACCESS
EMERGENCY VEHICLES: NO MULTI-FAMILY RESIDENCE, APARTMENT, COMMERCIAL BUILDING OR PLACE OF EMPLOYMENT SHALL BE WITHOUT ACCESS TO EMERGENCY VEHICLES FOR A PERIOD LONGER THAN THREE HOURS. THE CONTRACTOR SHALL NOTIFY IN WRITING THE ENGINEER, THE POLICE, FIRE AND OTHER EMERGENCY DEPARTMENTS AND AGENCIES WHEN AND WHERE WORK IS TO BE ACCOMPLISHED THAT WILL AFFECT THEIR OPERATIONS AT LEAST TWO DAYS IN ADVANCE OF SUCH WORK.

MAJOR ROADS AND STREETS: NO MAJOR ROADS OR STREETS SHALL BE BLOCKED TO TRAFFIC WITHOUT ADEQUATE DETOUR FACILITIES FOR A PERIOD OF MORE THAN 30 MINUTES OR AS DIRECTED BY THE GOVERNING AUTHORITY.

- C. CONSTRUCTION IN STATE HIGHWAY RIGHT-OF-WAY
CONSTRUCTION WITHIN ALL STATE HIGHWAY RIGHT-OF-WAY SHALL BE MADE IN FULL COMPLIANCE WITH ALL REQUIREMENTS AND TO THE

SATISFACTION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION. ALL NECESSARY BARRICADES, DETOURS, LIGHTS AND OTHER PROTECTIVE MEASURES SHALL BE PROVIDED FOR THE PROTECTION OF BOTH PEDESTRIAN AND VEHICULAR TRAFFIC.

- D. CONSTRUCTION IN OTHER THAN STATE HIGHWAY RIGHT-OF-WAY
CONSTRUCTION WITHIN RIGHT-OF-WAY OTHER THAN STATE HIGHWAY SHALL BE MADE IN FULL COMPLIANCE WITH ALL REQUIREMENTS FLORIDA DEPARTMENT OF TRANSPORTATION AND TO THE SATISFACTION OF THE OF THE LOCAL GOVERNING BODIES. ALL NECESSARY BARRICADES, DETOURS, LIGHTS AND OTHER PROTECTIVE MEASURES SHALL BE PROVIDED FOR THE PROTECTION OF BOTH PEDESTRIAN AND VEHICULAR TRAFFIC.

13. SITE AND MISCELLANEOUS RESTORATION
THE CONTRACTOR SHALL REPAIR AND REPLACE ALL EXISTING STRUCTURES, PAVEMENT, DRIVEWAYS, PAVED AREAS, CURBS AND GUTTERS, SIDEWALKS, SHRUBBERY, GRASS, TREES, UTILITY POLES, UTILITY PIPELINES, CONDUITS, CABLES, DRAINS, CATCH BASINS, FLAGSTONES, ROCKED, GRAVELED OR STABILIZED AREAS OR DRIVEWAYS AND INCLUDING ALL UNDERGROUND OBSTRUCTIONS NOT SPECIFICALLY NAMED HEREIN WHICH MAY BE DAMAGED OR DESTROYED AS A RESULT OF CONSTRUCTION OPERATIONS UNDER THIS CONTRACT. THIS ITEM SHALL BE INCLUDED IN THE BID.

14. PAVEMENT RESTORATION
THE CONTRACTOR SHALL REPAIR OR REPLACE ALL PAVEMENT OR PARTIAL PAVEMENT DAMAGED OR DESTROYED DURING OR AS A RESULT OF CONSTRUCTION OPERATIONS UNDER THIS CONTRACT. THE REPAIR OR REPLACEMENT SHALL BE EQUAL TO OR BETTER THAN THE CONDITION OF THE PAVEMENT EXISTING AT THE TIME OF BIDDING AND SHALL BE REQUIRED TO MATCH THE ORIGINAL SURFACE MATERIAL AND ORIGINAL GRADE UNLESS OTHERWISE SPECIFIED OR SHOWN ON THE PLANS. THE REPAIR SHALL CONFORM TO APPLICABLE CITY, COUNTY, OR STATE REQUIREMENTS FOR PAVEMENT REPAIR.

ALL PIPE CROSSING UNDER STATE OR COUNTY HIGHWAYS OR WITHIN THE HIGHWAY RIGHT-OF-WAY SHALL BE INSTALLED IN ACCORDANCE WITH THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION (D.O.T.) REQUIREMENTS. THE D.O.T. WILL GOVERN THE METHOD AND MATERIALS OF CONSTRUCTION UNLESS OTHERWISE NOTED. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY AND ALL EXPENSE THE D.O.T. INCURS IN PROTECTING ITS HIGHWAY WHILE PIPES ARE BEING PLACED UNDER SAME, AND FOR ANY DAMAGE TO THE HIGHWAY. THE CONTRACTOR SHALL ARRANGE WITH THE D.O.T. FOR THE PROPER BRACING, SHORING AND OTHER NECESSARY PROTECTION OF THE HIGHWAY BEFORE EXCAVATION BENEATH ANY OF SAID HIGHWAY.

15. TESTS
THE CONTRACTOR SHALL PAY FOR ALL REQUIRED TESTS, UNLESS OTHERWISE SPECIFIED. GENERALLY, TESTS WILL BE COMPACTION AND DENSITY TESTS, LINEROCK QUALITY TESTS AND CONCRETE QUALITY TESTS (CYLINDER BREAKS) OR MARSHALL STABILITY. ON ASPHALTIC CONCRETE, THE MANUFACTURER'S OR SUPPLIER'S CERTIFICATE THAT THE MATERIAL MEETS THE REQUIREMENTS OF THE SPECIFICATIONS WILL BE ACCEPTED SUBJECT TO VERIFICATION BY OWNER'S ENGINEER OF TEST METHODS USED.

16. CLEAN-UP
THE CONTRACTOR SHALL KEEP THE CONSTRUCTION SITE FREE OF RUBBISH AND WASTE MATERIALS AND RESTORE TO THEIR ORIGINAL CONDITIONS THOSE PORTIONS OF THE SITE NOT DESIGNATED FOR ALTERATIONS BY THE CONTRACT DOCUMENTS. CLEAN-UP AND RESTORATION SHALL BE ACCOMPLISHED ON A CONTINUING BASIS THROUGHOUT THE CONTRACT PERIOD IN SUCH A MANNER AS TO MAINTAIN A MINIMUM OF NUISANCE AND INTERFERENCE TO THE RESIDENTS AND WORKERS IN THE AREA. THE CONTRACTOR SHALL ALSO REMOVE, WHEN NO LONGER NEEDED, ALL TEMPORARY STRUCTURES AND EQUIPMENT USED IN HIS OPERATIONS. IT IS THE INTENT OF THIS SPECIFICATION THAT THE CONSTRUCTION AREA OF THOSE OTHER AREAS NOT DESIGNATED FOR ALTERATION BY THE CONTRACT DOCUMENTS SHALL BE RESTORED TO AN EQUAL OR BETTER CONDITION THAN ORIGINALLY EXISTED.

ALL BACKFILLING, COMPACTION, SEEDING AND MULCHING SHALL BE MADE IN ACCORDANCE WITH APPLICABLE CITY, COUNTY AND STATE REQUIREMENTS FOR REPLACEMENT OR REPAIR.

17. RECORD DRAWING
THE CONTRACTOR SHALL MAINTAIN DURING THE PROGRESS OF THE PROJECT ACCURATE RECORDS OF THE LOCATION, LENGTH AND ELEVATION OF ALL PIPELINES AND PIPING INSTALLED AND OF ALL FEATURES OF THE CONTRACT. A SET OF DRAWINGS WILL BE PROVIDED TO THE CONTRACTOR TO BE KEPT AT THE JOB SITE FOR THIS PURPOSE. PROMPTLY AFTER COMPLETION OF ANY PORTION OF THE WORK PROVIDED, AS PAID FOR IN THIS CONTRACT, THE CONTRACTOR SHALL DELIVER TO THE ENGINEER THE DRAWING WITH ACCURATE NOTATIONS RECORDED THEREON AS NECESSARY TO REVISE THE DRAWINGS TO AN AS-BUILT CONDITION. INFORMATION TO BE SHOWN FOR PIPELINES SHALL INCLUDE THE LOCATION OF VALVES, FITTINGS, AND LATERALS DIMENSIONED TO THE NEAREST PERMANENT OBJECT OR MONUMENT, INCLUDING BUT NOT LIMITED TO, LENGTHS, DEPTHS AND

OFFSETS OF LATERALS. THE CONTRACTOR SHALL ALSO RECORD THE ACTUAL SEPARATION BETWEEN WATER MAIN AND SANITARY SEWER OR STORM SEWER MAIN WHEN THE CLEAR SEPARATION IS LESS THAN 18". THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE ACCURACY OF SUCH DATA AND SHALL BEAR ANY COSTS INCURRED IN FINDING UTILITIES AS A RESULT OF INCORRECT DATA FURNISHED BY HIM.

THE PROJECT SHALL NOT BE CONSIDERED TO BE IN SUBSTANTIAL COMPLETION UNTIL RECORD DRAWINGS HAVE BEEN SUBMITTED AND ACCEPTED BY THE ENGINEER. PRIOR TO FINAL PAYMENT THE RECORD DRAWINGS SHALL BE REVISED BY THE CONTRACTOR TO REFLECT ANY CHANGES WHICH HAVE OCCURRED SINCE THE SUBSTANTIAL COMPLETION SUBMITTAL.

18. BASIS OF PAYMENT
THE CONTRACTOR SHALL RECEIVE AND ACCEPT COMPENSATION AS OUTLINED IN THE CONTRACT DOCUMENTS AS FULL PAYMENT FOR FURNISHING ALL MATERIALS, LABOR, TOOLS, AND EQUIPMENT AND FOR PERFORMING ALL OPERATIONS NECESSARY TO COMPLETE THE WORK AS OUTLINED IN THE CONTRACT DOCUMENTS, AND ALSO IN FULL PAYMENT FOR ALL LOSS OR DAMAGES ARISING FROM THE NATURE OF THE WORK, OR FROM THE ACTION OF THE ELEMENTS, OR FROM ANY UNFORESEEN DIFFICULTIES WHICH MAY BE ENCOUNTERED DURING THE PROSECUTION OF THE WORK UNTIL THE FINAL ACCEPTANCE BY THE OWNER.

THE PRICES STATED IN THE PROPOSAL INCLUDE ALL COSTS AND EXPENSES FOR OVERHEAD, LABOR, EQUIPMENT, MATERIALS, COMMISSIONS, TRANSPORTATION CHARGES AND EXPENSES, PATENT FEES AND ROYALTIES, LABOR FOR HANDLING MATERIALS DURING UNLOADING AND INSPECTION, TOGETHER WITH ANY AND ALL OTHER COSTS AND EXPENSES FOR PERFORMING AND COMPLETING THE WORK AS SHOWN ON THE PLANS AND SPECIFIED HEREIN. THE BASIS OF PAYMENT FOR AN ITEM AT THE UNIT PRICE SHOWN IN THE PROPOSAL SHALL BE IN ACCORDANCE WITH THE DESCRIPTION OF THAT ITEM AND SHALL BE USED FOR PURPOSES OF DETERMINING PROGRESS PAYMENTS TO THE FOR PURPOSES OF DETERMINING PROGRESS PAYMENTS TO THE CONTRACTOR.

THE CONTRACTOR'S ATTENTION IS AGAIN CALLED TO THE FACT THAT THE QUOTATIONS FOR THE VARIOUS ITEMS OF WORK ARE INTENDED TO ESTABLISH A TOTAL COST FOR COMPLETING THE WORK IN ITS ENTIRETY. SHOULD THE CONTRACTOR FEEL THAT THE COST OF ANY ENTIRETY SHOULD THE CONTRACTOR FEEL THAT THE COST OF ANY ITEM OF WORK HAS NOT BEEN ESTABLISHED BY THE BID FORM FOR BASIS OF PAYMENT, HE SHALL INCLUDE THE COST FOR THE WORK IN SOME OTHER APPLICABLE BID ITEM OR THAT ITEM MAY BE HANDWRITTEN INTO THE BID FORM SO HIS PROPOSAL FOR THE PROJECT DOES REFLECT HIS TOTAL COST FOR COMPLETING THE WORK IN ITS ENTIRETY.

SECTION 2

SPECIFICATIONS FOR SITE WORK

1. THE ENGINEER SHALL BE NOTIFIED IN WRITING OF THE PROPOSED DATE OF THE BEGINNING OF CONSTRUCTION OF THE SITE IMPROVEMENTS. ANY TIME THAT WORK IS TO STOP FOR A PERIOD OF TIME IN EXCESS OF TWO (2) WORKING DAYS, THE OWNER SHALL BE NOTIFIED OF SUCH INTERRUPTION.
2. THE CONTRACTOR SHALL PROVIDE DOWNSTREAM SILTATION PROTECTION DURING CONSTRUCTION. IN THE EVENT SUCH PROTECTION IS INADEQUATE, THE CONTRACTOR SHALL REMOVE ANY DOWNSTREAM SILTATION PRIOR TO THE TIME OF FINAL INSPECTION.
3. CERTIFICATES OF COMPLIANCE WITH THE SPECIFICATIONS FURNISHED BY THE MATERIAL SUPPLIER SHALL BE SUBMITTED ON ALL MATERIALS USED IN

NOTE: ALL CONSTRUCTION COVERED BY THESE PLANS SHALL COMPLY WITH THE MATERIAL REQUIREMENTS AND QUALITY CONTROL STANDARDS CONTAINED IN THE CITY OF WILDWOOD LAND DEVELOPMENT CODE.

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Revision:	BY:	Date:	Drawn by:	Provided by:
			BHT	
			Scale	
			NA	

Project Location		Type of Application		Engineer of Record
MARION COUNTY		MAJOR SITE PLAN		BINIAM TSEGAY, P.E. FLORIDA P.E. LICENSE NO.81411
Approved Date	Date	Work Order		
12/08/2025	11/24/2025	212342		
Approved By	Engineer	Drawing #		
LBJ	BHT	BV- 02 - 137		

(3) MINIMUM COVER OVER ALL PIPE SHALL BE 36" TO FINISH GRADE FROM TOP OF PIPE.

(4) COMPLETE "AS-BUILT" INFORMATION RELATIVE TO LOCATION OF ALL VALVES, FITTINGS, MAINS AND SERVICES, SHALL BE ACCURATELY RECORDED ON FIELD DRAWINGS BY THE CONTRACTOR AND SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO FINAL INSPECTION OF WORK.

B. TRENCH DIMENSIONS
THE MINIMUM WIDTH OF THE TRENCH SHALL BE EQUAL TO THE OUTSIDE DIAMETER OF THE PIPE AT THE JOINT PLUS EIGHT (8) INCHES FOR UNSHEETED TRENCH, OR TWELVE (12) INCHES FOR SHEETED TRENCH, AND THE MAXIMUM WIDTH OF TRENCH, MEASURED AT THE TOP OF THE PIPE, SHALL NOT EXCEED THE OUTSIDE PIPE DIAMETER PLUS TWO (2) FEET, UNLESS OTHERWISE SHOWN ON DRAWING DETAILS OR APPROVED BY THE APPLICABLE REGULATORY AGENCY AND THE ENGINEER. TRENCH WALLS SHALL BE MAINTAINED VERTICAL FROM THE BOTTOM OF THE TRENCH TO A LINE MEASURED ONE (1) FOOT ABOVE THE TOP OF THE PIPE. FROM ONE (1) FOOT ABOVE THE TOP OF THE PIPE TO THE SURFACE, THE TRENCH WALLS SHALL BE APPROXIMATELY VERTICAL.

C. TRENCH GRADE
STANDARD TRENCH GRADE SHALL BE DEFINED AS THE BOTTOM SURFACE OF THE UTILITY TO BE CONSTRUCTED OR PLACED WITHIN THE TRENCH. TRENCH GRADE FOR UTILITIES IN ROCK OR OTHER NON-CUSHIONING MATERIAL, SHALL BE DEFINED AS SIX (6) INCHES BELOW THE OUTSIDE OF THE BOTTOM OF THE UTILITY, WHICH SIX (6) INCHES SHALL BE BACKFILLED WITH EXTRA UTILITY BEDDING MATERIAL. EXCAVATION BELOW TRENCH GRADE THAT IS DONE IN ERROR SHALL BE BACKFILLED TO TRENCH GRADE AND COMPACTED.

D. UTILITY BEDDING
CLASS B (MINIMUM UTILITY BEDDING): THE BOTTOM OF THE TRENCH SHALL BE SHAPED TO PROVIDE A FIRM BEDDING FOR THE UTILITY PIPE. THE UTILITY SHALL BE FIRMLY BEDDED IN UNDISTURBED FIRM SOIL, OR HAND-SHAPED UNYIELDING MATERIAL. THE BEDDING SHALL BE SHAPED SO THAT THE PIPE WILL BE IN CONTINUOUS CONTACT THEREWITH FOR ITS FULL LENGTH AND SHALL PROVIDE A MINIMUM BOTTOM SEGMENT SUPPORT FOR THE PIPE EQUAL TO 0.6 OF THE OUTSIDE DIAMETER OF THE BARREL.

CLASS A (SPECIAL UTILITY BEDDING): SHOULD SPECIAL BEDDING BE REQUIRED, DUE TO DEPTH OF COVER, IMPACT LOADINGS, OR OTHER CONDITIONS, "CLASS A" BEDDING SHALL BE INSTALLED, CONSISTING OF SAND OR SUITABLE CRUSHED ROCK. "CLASS A" BEDDING SHALL RECEIVE PRIOR APPROVAL BY THE ENGINEER OR REGULATORY AGENCY.

E. UNSUITABLE MATERIAL BELOW TRENCH GRADE
SOIL UNSUITABLE FOR A PROPER FOUNDATION ENCOUNTERED AT OR BELOW TRENCH GRADE, SUCH AS MUCK OR OTHER DETERIOROUS MATERIAL, SHALL BE REMOVED FOR THE FULL WIDTH OF THE TRENCH AND TO THE DEPTH REQUIRED TO REACH SUITABLE FOUNDATION MATERIAL, UNLESS SPECIAL DESIGN CONSIDERATIONS RECEIVE PRIOR APPROVAL FROM THE APPLICABLE REGULATORY AGENCY AND ENGINEER. BACKFILLING BELOW TRENCH GRADE SHALL BE IN COMPLIANCE WITH THE APPLICABLE PROVISIONS OF SUB-SECTION "N, BACKFILL", WITH MATERIAL AS SPECIFIED UNDER PARAGRAPHS N (1) AND N (2) OF THAT SECTION. BACKFILL LAYERS SHALL NOT EXCEED SIX (6) INCHES IN THICKNESS FOR THE FULL TRENCH WIDTH AND COMPACTION SHALL EQUAL NINETY-EIGHT (98) PERCENT OF MAXIMUM DENSITY, AS DETERMINED BY AASHTO SPECIFICATION T-180. COMPACTION DENSITY TESTS SHALL BE MADE AT ALL SUCH BACKFILL AREAS WITH SPACING NOT TO EXCEED FIFTY (50) FEET APART.

F. EXTRA UTILITY-BEDDING MATERIAL
WHEN ROCK OR OTHER NON-CUSHIONING MATERIAL IS ENCOUNTERED AT TRENCH GRADE, EXCAVATION SHALL BE EXTENDED TO SIX (6) INCHES BELOW THE OUTSIDE OF THE BOTTOM OF THE UTILITY, AND A CUSHION OF SAND OR SUITABLE CRUSHED ROCK SHALL BE PROVIDED. UTILITY-BEDDING MATERIAL SHALL BE AS SPECIFIED UNDER PARAGRAPH N (2).

G. SHEETING AND BRACING
IN ORDER TO PREVENT DAMAGE TO PROPERTY, INJURY TO PERSONS, EROSION, CAVE-INS, OR EXCESSIVE TRENCH WIDTHS, ADEQUATE SHEETING AND BRACING SHALL BE PROVIDED, AS REQUIRED, AND/OR DIRECTED BY THE APPLICABLE OWNER AND ENGINEER, IN ACCORDANCE WITH ACCEPTED STANDARD PRACTICE. SHEETING SHALL BE REMOVED WHEN THE TRENCH HAS BEEN BACKFILLED TO AT LEAST ONE-HALF (1/2) ITS DEPTH, OR WHEN REMOVAL WOULD NOT ENDANGER THE CONSTRUCTION OF ADJACENT STRUCTURES. WHEN REQUIRED, TO ELIMINATE EXCESSIVE TRENCH WIDTH OR OTHER DAMAGE, SHEETING, BRACING OR SHORING SHALL BE LEFT IN PLACE AND THE TOP CUT OFF AT AN ELEVATION OF 2.5 FEET BELOW FINISHED GRADE, UNLESS OTHERWISE DIRECTED.

H. EXCAVATED MATERIAL
EXCAVATED MATERIAL TO BE USED FOR BACKFILL SHALL BE NEATLY DEPOSITED AT THE SIDES OF THE TRENCHES WHERE SPACE IS AVAILABLE. WHERE STOCKPIILING OF EXCAVATED MATERIAL IS REQUIRED, THE

CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE SITES TO BE USED AND SHALL MAINTAIN HIS OPERATIONS TO PROVIDE FOR NATURAL DRAINAGE AND NOT PRESENT AN UNSIGHTLY APPEARANCE.

I. MATERIAL DISPOSAL
EXCESS, UNSUITABLE, OR CLEARED AND GRUBBED MATERIAL, RESULTING FROM THE UTILITY INSTALLATION, SHALL BE IMMEDIATELY REMOVED FROM THE WORK SITE AND DISPOSED OF AT LOCATION(S) APPROVED BY THE OWNER AND ENGINEER. EXCESS EXCAVATED MATERIAL SHALL BE SPREAD ON THE DISPOSAL SITE AND GRADED IN A MANNER TO DRAIN PROPERLY AND NOT DISTURB EXISTING DRAINAGE CONDITIONS, AS APPROVED BY THE ENGINEER. DISPOSAL OF CLEARED AND GRUBBED MATERIALS SHALL COMPLY WITH CITY AND/OR COUNTY REQUIREMENTS AS TO BURNING OR DEPOSIT AT DESIGNATED LANDFILL SITE(S).

J. BORROW
SHOULD THERE BE INSUFFICIENT SATISFACTORY MATERIAL FROM THE EXCAVATIONS TO MEET THE REQUIREMENTS FOR FILL MATERIAL, BORROW SHALL BE OBTAINED FROM PITS SECURED BY THE CONTRACTOR AND APPROVED BY THE OWNER AND THE ENGINEER.

K. ROCK EXCAVATION
ROCK EXCAVATION SHALL BE DEFINED AS EXCAVATION OF ANY HARD NATURAL SUBSTANCE WHICH REQUIRES THE USE OF EXPLOSIVES AND/OR SPECIAL IMPACT TOOLS SUCH AS JACK HAMMERS, SLEDGES, CHISELS OR SIMILAR DEVICES SPECIFICALLY DESIGNED FOR USE IN CUTTING OR BREAKING ROCK, BUT EXCLUSIVE OF TRENCH EXCAVATING MACHINERY.

L. DEWATERING
UTILITIES SHALL BE LAID "IN THE DRY", UNLESS OTHERWISE APPROVED. TRENCH EXCAVATIONS MAY BE DEWATERED BY USING ONE OR MORE OF THE FOLLOWING METHODS: WELL POINT SYSTEM; PUMPS WITH PUMPS; OR OTHER METHOD(S) AS APPROVED BY THE OWNER AND ENGINEER. DEWATERING SYSTEMS SHALL BE UTILIZED IN ACCORDANCE WITH GOOD STANDARD PRACTICE AND MUST BE EFFICIENT ENOUGH TO LOWER THE WATER LEVEL IN ADVANCE OF THE EXCAVATION AND MAINTAIN IT CONTINUOUSLY TO KEEP THE TRENCH BOTTOM AND SIDES FIRM AND DRY. IF THE MATERIAL ENCOUNTERED AT TRENCH GRADE IS SUITABLE FOR THE PASSAGE OF WATER WITHOUT DESTROYING THE SIDES OR UTILITIES, THE FOUNDATION OF THE TRENCH, PUMPS MAY BE PROVIDED AT INTERVALS AT THE SIDE OF THE MAIN TRENCH EXCAVATION, WITH PUMPS USED TO LOWER THE WATER LEVEL BY TAKING THEIR SUCTION FROM SAID PUMPS. DISCHARGE FROM DEWATERING SHALL BE DISPOSED OF IN SUCH A MANNER THAT IT WILL NOT INTERFERE WITH THE NORMAL DRAINAGE OF THE AREA IN WHICH THE WORK IS BEING PERFORMED, CREATE A PUBLIC NUISANCE, OR FORM PONDING.

THE OPERATIONS SHALL NOT CAUSE INJURY TO ANY PORTION OF THE WORK COMPLETED, OR IN PROGRESS, OR TO THE SURFACE OF STREETS, OR TO PRIVATE PROPERTY. THE PROPOSED DEWATERING METHOD(S) AND SCHEDULE SHALL BE COORDINATED WITH, AND APPROVED BY, THE OWNER AND THE ENGINEER AND OTHER NECESSARY REGULATORY AGENCIES PRIOR TO CONSTRUCTION. ADDITIONALLY, WHERE PRIVATE PROPERTY WILL BE INVOLVED, ADVANCE PERMISSION SHALL BE OBTAINED BY THE CONTRACTOR.

M. OBSTRUCTIONS
IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ACQUAINT HIMSELF WITH ALL EXISTING CONDITIONS AND TO LOCATE ALL STRUCTURES AND UTILITIES ALONG THE PROPOSED UTILITY ALIGNMENT IN ORDER TO AVOID CONFLICTS. WHERE ACTUAL CONFLICTS ARE UNAVOIDABLE, WORK SHALL BE COORDINATED WITH THE FACILITY OWNER AND PERFORMED SO AS TO CAUSE AS LITTLE INTERFERENCE AS POSSIBLE WITH THE SERVICE RENDERED BY THE FACILITY DISTURBED. FACILITIES OR STRUCTURES DAMAGED IN THE PROSECUTION OF THE WORK SHALL BE REPAIRED AND/OR REPLACED IMMEDIATELY, IN CONFORMANCE WITH CURRENT STANDARD PRACTICES OF THE INDUSTRY, OR ACCORDING TO THE DIRECTION OF THE OWNER OF SUCH FACILITY, AT THE CONTRACTOR'S EXPENSE.

N. BACKFILL

(1) GENERAL
BACKFILL MATERIAL SHALL BE CLEAN EARTH FILL COMPOSED OF SAND, CLAY AND SAND, SAND AND ROCK, CRUSHED ROCK, OR AN APPROVED COMBINATION THEREOF. BACKFILLING SHALL BE COMPLETED UNDER TWO (2) SPECIFIED REQUIREMENTS: FIRST LIFT, FROM TRENCH GRADE TO A POINT TWELVE (12) INCHES ABOVE THE TOP OF THE UTILITY; AND, SECOND LIFT, FROM THE TOP OFF THE FIRST LIFT TO THE GROUND SURFACE. WHERE THRUST BLOCKS, ENCASEMENTS, OR OTHER BELOW GRADE CONCRETE WORK HAVE BEEN INSTALLED, BACKFILLING SHALL NOT PROCEED UNTIL THE CONCRETE HAS OBTAINED SUFFICIENT STRENGTH TO SUPPORT THE BACKFILL LOAD.

(2) FIRST LIFT
FINE MATERIAL SHALL BE CAREFULLY PLACED AND TAMPED AROUND THE LOWER HALF OF THE UTILITY. BACKFILLING SHALL BE CAREFULLY CONTINUED IN LAYERS NOT EXCEEDING SIX (6) INCHES

IN THICKNESS FOR THE FULL TRENCH WIDTH, UNTIL THE FILL IS TWELVE (12) INCHES ABOVE THE TOP OF THE UTILITY, USING THE BEST AVAILABLE MATERIAL FROM THE EXCAVATION, IF APPROVED. THE MATERIAL FOR THESE FIRST LAYERS OF BACKFILL SHALL BE LOWERED TO WITHIN TWO (2) FEET ABOVE THE TOP OF PIPES BEFORE IT IS ALLOWED TO FALL UNLESS THE MATERIAL IS PLACED WITH APPROVED DEVICES THAT PROTECT THE PIPES FROM IMPACT. THE "FIRST LIFT" SHALL BE THOROUGHLY COMPACTED AND COMPLETED BEFORE THE "SECOND LIFT" IS PLACED. COMPACTION SHALL EQUAL NINETY-EIGHT (98) PERCENT OF MAXIMUM DENSITY, AS DETERMINED BY AASHTO SPECIFICATION T-180 (ASTM D-1557). THE "FIRST LIFT" BACKFILL SHALL EXCLUDE STONES, OR ROCK FRAGMENTS LARGER THAN THE FOLLOWING:

PIPE SIZE	FRAGMENT SIZE (GREATEST DIMENSION - INCHES)
CONCRETE	3
STEEL	3
CAST IRON	3
DUCTILE IRON	3
CORRUGATED METAL	3
VITRIFIED CLAY	1-1/2
PLASTIC (PVC, ABS, ETC.)	3/4

(3) SECOND LIFT THE REMAINDER OF THE TRENCH, ABOVE THE "FIRST LIFT", SHALL BE BACKFILLED IN LAYERS NOT EXCEEDING NINE (9) INCHES. THE MAXIMUM DIMENSION OF A STONE, ROCK OR PAVEMENT FRAGMENT SHALL BE SIX (6) INCHES. WHEN TRENCHES ARE CUT IN PAVEMENTS OR AREAS TO BE PAVED, COMPACTION, AS DETERMINED BY AASHTO SPECIFICATION T-180 (ASTM D-1557), SHALL BE ACCOMPLISHED TO NOT LESS THAN NINETY-EIGHT (98) PERCENT OF MAXIMUM DENSITY, WITH COMPACTION IN OTHER AREAS NOT LESS THAN NINETY (90) PERCENT MAXIMUM DENSITY.

(4) COMPACTION METHODS THE ABOVE SPECIFIED COMPACTION SHALL BE ACCOMPLISHED USING ACCEPTED STANDARD METHODS (POWERED TAMPERS, VIBRATORS, ETC.), WITH THE EXCEPTION THAT THE FIRST TWO (2) FEET OF BACKFILLING OVER THE PIPE SHALL BE COMPACTED BY HAND-OPERATED TAMPING DEVICES. FLOODING OR PUDDLING WITH WATER TO CONSOLIDATE BACKFILL IS NOT ACCEPTABLE, EXCEPT WHERE SAND IS ENCOUNTERED AND THE OPERATION HAS BEEN APPROVED BY THE OWNER AND THE ENGINEER.

(5) TESTING DENSITY TESTS FOR DETERMINATION OF THE ABOVE SPECIFIED COMPACTION SHALL BE MADE BY A TESTING LABORATORY APPROVED BY THE OWNER AND AT THE EXPENSE OF THE CONTRACTOR. TEST LOCATIONS WILL BE DETERMINED BY THE APPLICABLE REGULATORY AGENCY AND THE ENGINEER, BUT IN ANY CASE, SHALL BE SPACED NOT MORE THAN 300 FEET APART WHERE THE TRENCH CUT IS CONTINUOUS IN PAVEMENTS OR AREAS TO BE PAVED. TESTS SHALL ALSO BE MADE WHERE A TRENCH CROSSES A PAVED ROADWAY OR FUTURE PAVED ROADWAY. IF ANY TEST RESULTS ARE UNSATISFACTORY, THE CONTRACTOR SHALL RE-EXCAVATE AND RE-COMPACT THE BACKFILL AT HIS EXPENSE UNTIL THE DESIRED COMPACTION IS OBTAINED. ADDITIONAL COMPACTION TESTS SHALL BE MADE TO EACH SIDE OF AN UNSATISFACTORY TEST, AS DIRECTED, TO DETERMINE THE EXTENT OF RE-EXCAVATION AND RE-COMPACTMENT NECESSARY.

O. PROTECTIVE CONCRETE SLAB PROTECTIVE CONCRETE SLABS SHALL BE INSTALLED OVER THE TOP OF TRENCHES, WHERE REQUIRED ON THE PLANS AND DETAILED THEREON, TO PROTECT THE INSTALLED UTILITY AGAINST EXCESSIVE LOADS, OR WHERE INSUFFICIENT COVER EXISTS.

P. SIDEWALK AND DRIVEWAY RESTORATION EXISTING SIDEWALKS AND DRIVEWAYS REMOVED, DISTURBED OR DESTROYED BY CONSTRUCTION, SHALL BE REPLACED OR REPAIRED. THE FINISHED WORK SHALL BE EQUAL IN ALL RESPECTS TO THE ORIGINAL AND SHALL BE APPROVED BY THE APPLICABLE REGULATORY AGENCY AND THE ENGINEER.

Q. ROADWAY AND PAVEMENT RESTORATION

(1) GENERAL PAVEMENT OR ROADWAY SURFACES CUT OR DAMAGES SHALL BE REPLACED BY THE CONTRACTOR IN EQUAL OR BETTER CONDITION THAN THE ORIGINAL, INCLUDING STABILIZATION, BASE COURSE, SURFACE COURSE, CURB AND GUTTER, OR OTHER APPURTENANCES. THE CONTRACTOR SHALL PROVIDE ADVANCE NOTICE TO THE APPROPRIATE AUTHORITY, AS REQUIRED, PRIOR TO CONSTRUCTION OPERATIONS.

(2) ROADWAY RESTORATION RESTORATION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH IN THESE STANDARDS. THE MATERIALS OF CONSTRUCTION AND METHOD OF INSTALLATION, ALONG WITH THE PROPOSED RESTORATION DESIGN FOR ITEMS NOT REFERRED OR SPECIFIED HEREIN, SHALL RECEIVE PRIOR APPROVAL FROM THE REGULATORY AGENCY AND THE ENGINEER.

(a) WHERE EXISTING PAVEMENT IS TO BE REMOVED, THE SURFACING SHALL BE MECHANICALLY SAW CUT PRIOR TO TRENCH EXCAVATION LEAVING A UNIFORM AND STRAIGHT EDGE, WITH MINIMUM DISTURBANCE TO THE REMAINING ADJACENT SURFACING. THE WIDTH OF CUT FOR THIS PHASE OF EXISTING PAVEMENT REMOVAL

SHALL BE MINIMAL AND PARALLEL. IMMEDIATELY FOLLOWING THE SPECIFIED BACKFILLING

(b) AND COMPACTION. A TEMPORARY SAND SEAL COAT SURFACE SHALL BE APPLIED TO THE CUT AREAS. THIS TEMPORARY SURFACING SHALL PROVIDE A SMOOTH TRAFFIC SURFACE WITH THE EXISTING ROADWAY AND SHALL BE MAINTAINED UNTIL FINAL RESTORATION. SAID SURFACING SHALL REMAIN FOR TEN (10) DAYS IN ORDER TO ASSURE THE STABILITY OF THE BACKFILL UNDER NORMAL TRAFFIC CONDITIONS. FOLLOWING THIS PERIOD AND PRIOR TO FIFTEEN (15) DAYS AFTER APPLICATION, THE TEMPORARY SURFACING SHALL BE REMOVED AND FINAL ROADWAY SURFACE RESTORATION ACCOMPLISHED.

(c) IN ADVANCE OF FINAL RESTORATION, THE TEMPORARY SURFACING SHALL BE REMOVED AND THE EXISTING PAVEMENT MECHANICALLY SAWED STRAIGHT AND CLEAN TO THE STIPULATED DIMENSIONS. FOLLOWING THE ABOVE OPERATION, THE CONTRACTOR SHALL PROCEED IMMEDIATELY WITH FINAL PAVEMENT RESTORATION IN ACCORDANCE WITH THESE STANDARDS.
(3) ROADWAY RESTORATION (OTHER LOCATIONS) WORK WITHIN THE RIGHTS-OF-WAY OF PUBLIC THOROUGH FARES SHALL CONFORM TO THE REQUIREMENTS OF THE GOVERNMENTAL AGENCY HAVING JURISDICTION AND THE ENGINEER.

R. PROTECTION AND RESTORATION OF PROPERTY

DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL TAKE SPECIAL CARE AND PROVIDE ADEQUATE PROTECTION IN ORDER TO MINIMIZE DAMAGE TO VEGETATION, SURFACED AREAS AND STRUCTURES WITHIN THE CONSTRUCTION RIGHT-OF-WAY, EASEMENT OR SITE, AND TAKE FULL RESPONSIBILITY FOR THE REPLACEMENT OR REPAIR THEREOF. THE CONTRACTOR SHALL IMMEDIATELY REPAIR ANY DAMAGE TO PRIVATE PROPERTY CREATED BY ENCROACHMENT THEREON. SHOULD THE REMOVAL OR TRIMMING OF VALUABLE TREES, SHRUBS OR GRASS BE REQUIRED TO FACILITATE THE INSTALLATION WITHIN THE DESIGNATED CONSTRUCTION AREA, THIS WORK SHALL BE DONE IN COOPERATION WITH THE REGULATORY AGENCY AND THE ENGINEER AND/OR AUTHORITY FROM THE LOCAL COMMUNITY IN WHICH THE WORK TAKES PLACE. SAID VALUABLE VEGETATION, REMOVED OR DAMAGED, SHALL BE REPLANTED, IF POSSIBLE, OR REPLACED BY ITEMS OF EQUAL QUALITY, AND MAINTAINED UNTIL GROWTH IS RE-ESTABLISHED. TOP SOIL DAMAGED IN THE COURSE OF WORK SHALL BE REPLACED WITH AT LEAST A FOUR (4) INCH LAYER OF SUITABLE MATERIAL. FOLLOWING CONSTRUCTION COMPLETION, THE WORK AREA ALONG THE ROUTE OF THE INSTALLATION SHALL BE FINISH GRADED TO ELEVATIONS COMPATIBLE WITH THE ADJACENT SURFACE, WITH GRASSING OR HAND RAKING REQUIRED WITHIN DEVELOPED AREAS.

S. CLEAN-UP

WORK SITE CLEAN-UP AND PROPERTY RESTORATION SHALL FOLLOW BEHIND CONSTRUCTION OPERATIONS WITHOUT DELAY. IN ORDER TO FACILITATE AN ACCEPTABLE CONSTRUCTION SITE, DEBRIS AND WASTE MATERIALS SHALL BE REMOVED FROM THE SITE IMMEDIATELY, AND DAILY TRENCHING LENGTH VERSUS PIPE LAYING SHALL BE COORDINATED TO PROVIDE THE MINIMUM OVERNIGHT TRENCH OPENING. CONSTRUCTION SITE MAINTENANCE, ALONG WITH ON-GOING CLEAN-UP AND FINAL PROPERTY RESTORATION ACCEPTANCE, SHALL BE AS DIRECTED AND APPROVED BY THE REGULATORY AGENCY AND THE ENGINEER.

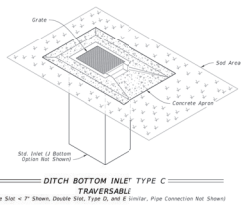
NOTE: ALL CONSTRUCTION COVERED BY THESE PLANS SHALL COMPLY WITH THE MATERIAL REQUIREMENTS AND QUALITY CONTROL STANDARDS CONTAINED IN THE CITY OF WILDLWOOD LAND DEVELOPMENT CODE.

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Revision:	BY:	Date:	Drawn by:	Provided by:
			BHT	
			Scale	
			NA	



Project Location		Type of Application		Engineer of Record
MARION COUNTY		MAJOR SITE PLAN		BINIAM TSEGAY, P.E. FLORIDA P.E. LICENSE NO.81411
Approved Date 12/08/2025	Date 11/24/2025	BELLEVIEW SUBSTATION 2026 NEW RING BUS STATION INSTALLATION SPECIFICATIONS		Work Order 212342
Approved By LBJ	Engineer BHT			Drawing # BV- 02 - 139

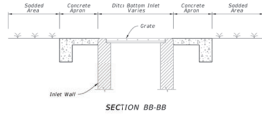
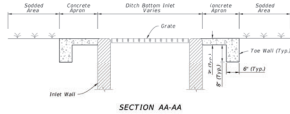
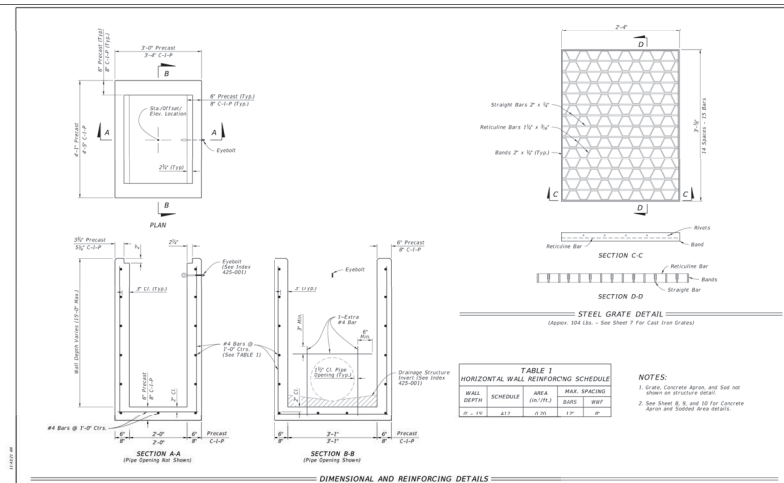


Sheet	Description
1	General Notes and Contents
2	Type C - Dimensional, Reinforcing, and Grate Details
3	Type D - Dimensional, Reinforcing, and Grate Details
4	Type E - Dimensional, Reinforcing, and Grate Details
5	Type H (2 Grate) - Dimensional, Reinforcing, and Steel Grate Details
6	Type H (4 Grate) - Dimensional, Reinforcing, and Steel Grate Details
7	Cast Iron Grate Details
8	Non-Traversable Inlet Details
9	Traversable Inlet Without Silt Details
10	Traversable Inlet With Silt Details
11	Case 1 - Add Traversable Sills to Existing Inlets
12	Case 2 - Add Traversable Sills to Existing Inlets
13	Case 3 - Add Traversable Sills (Partial) to Existing Inlets and Ditch Box
14	Alternate A Structure Bottom - Step Detail

SOD AND PAVEMENT		
Inlet Type	Sod LY	Conc. CY
C	8	0.30
D	9	0.36
E	9	0.37
H	11	0.45

NOTES:

1. Concrete Apron to be installed only where called for in the Plans.
2. Sod always required.

TRAVERSABLE INLET WITHOUT SLOT DETAILS

WALL DEPTH	SCHEDULE	AREA (in. ² /ft.)	MAX. SPACING	
			BARS	W/F
0 - 14'	413	0.203	12"	18"

NOTES:

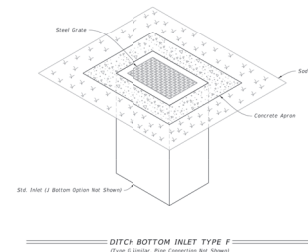
1. Grate, Concrete Apron, and Sod not shown on structure detail.
2. See Sheet 8, 9, and 10 for Concrete Apron and Sodded Area details.

LAST REVISION 11/01/20	REVISION	DESCRIPTION:
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GENERAL NOTES:

1. Mark this Index with Index 425-001 and Index 425-010.
2. When inlet is placed in area subject to bicycle traffic, install filler bar when clearance or gap is greater than $\frac{1}{2}$ " as shown in Index 425-031.
3. These inlets may be used with Alternate B structure bottoms, Index 425-010.
4. Chamfer all exposed edges and corners $\frac{1}{4}$ " chamfer or toolled to $\frac{1}{2}$ " radius.
5. See Index for supplemental details.
6. Reinforcing bars are Grade 60 with 2" minimum cover unless otherwise noted. Cut and bend bars to provide $\frac{1}{2}$ " clearance around pipe opening. Provide one additional #4 bar above and at each side of pipe opening as shown.
7. Dimensions are for both precast and cast-in-place inlets unless otherwise noted.
8. Quantities are for informational and estimating purposes only.

TABLE OF CONTENTS:	
Sheet	Description
1	General Notes and Contents
2	Type F - Dimensional, Reinforcing, and Grate Details
3	Type G - Dimensional, Reinforcing, and Grate Details
4	Concrete Apron and Soddied Area Details



LAST REVISION 11/01/20	REVISION	DESCRIPTION:
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Revision:	BY:	Date:

Drawn by: BHT	Provided by:  SECO ENERGY SUNTERRVILLE, FLORIDA FLORIDA 16 SUNTERR	
Scale NTS		

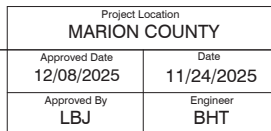
Project Location MARION COUNTY	
Approved Date 12/08/2025	Date 11/24/2025
Approved By LBJ	Engineer BHT

Type of Application	MAJOR SITE PLAN
	BELLEVUE SUBSTATION 2026 NEW RING BUS STATION FDOT DETAILS

Engineer of Record
BINIAM TSEGAY, P.E. FLORIDA P.E. LICENSE NO.81411
Work Order 212342
Drawing # BV- 02 - 140



Revision:	BY:	Date:	Drawn by:
			BHT
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Engineer of Record
BINIAM TSEGAY, P.E. FLORIDA P.E. LICENSE NO.81411
Work Order 212342
Drawing # BV- 02 - 141

△ 6.42'	△ 6.25'	Dimensions permitted to allow use of 20' standard pipe lengths.
◇ 10.40'	◇ 10.10'	Dimensions permitted to allow use of 12' standard pipe lengths.

NOTES:

1. Anchors required for CMP only.
2. Use galvanized steel for all anchors, nuts, and washers.
3. Bend anchor where required to center in concrete slab.
4. Repair damaged surfaces after bending.
5. Space anchors at distance equal to four (4) corrugations.
6. Place the anchors in the outside crest of corrugation.
7. Place flat washers on inside wall of pipe.
8. Drill or punch holes in the mitered end pipe; burning not permitted.
9. A 5" x 12" bolt substitution is permitted.

GENERAL NOTES:

- Unless otherwise designated in the plans, concrete pipe miored and sections may be used on any type of side drain pipe. Corrugated metal pipe miored and sections may be used on any type of side drain pipe except aluminum pipe, and corrugated aluminum miored and sections may be used with any type of side drain except metal pipe. When aluminum coated metal pipe is specified for use on a side drain, construct the miored and sections with the pipe of concrete pipe. When the miored and section pipe is designated in the side drain pipe, construct a concrete jacket in accordance with Item 420-00.00 and Manufacturer approved cover.
- When using corrugated metal or concrete miored and sections for galvanized steel pipe (SPGL), polyethylene pipe (PE), steel reinforced polyethylene pipe (SRPE), and polypropylene pipe (PP), use other designated with corrugated metal miored and sections. Make connection using a 3' metal metal band specifically designated to join HDPE, PP, SARE, or PVE pipe when used in conjunction with a concrete miored and sections, construct concrete jacket in accordance with item 420-00.00.
- Use class NS concrete cast-in-place reinforced slabs for all cross drain pipes.
- Select lengths of concrete pipe that avoid excessive connections in the assembly of the miored and section.
- Repair corrugated metal pipe galvanizing that is damaged during bending and perforating.
- When replacing multiple side drain pipes are equal or better than the dimensions shown on this index. Have existing pipe, or non-metallic materials, either construct the miored and sections separately as single pipe or construct as multiple pipe and sections as directed by the Engineer.
- Exhibit Notes:
 - 1.1 Meter - Slope to 1/4" of pipe for round pipes less than or equal to 18" diameter and 1/2 for round pipes greater than or equal to 24" diameter.
 2. Slope to major axis for elliptical pipes 24x30" or smaller and 1/3 for pipes 24x45" or larger. Slope to the span line for pipe with 24x30" or smaller and 1/3 for pipes 24x45" or larger.
 - 1.2 Meter - Slope to 1/4" of pipe for round pipes less than or equal to 18" diameter and 1/2 for round pipes greater than or equal to 24" diameter.
 3. Slope to major axis for elliptical pipes 24x45" or smaller and 1/3 for pipes 24x45" or larger. Slope 1/3 for all pipe with arch.
- Exhibit Notes:
 1. Slope to 1/4" of pipe for round pipes less than or equal to 18" diameter and 1/2 for round pipes greater than or equal to 24" diameter.
 2. Slope to major axis for elliptical pipes 24x30" or smaller and 1/3 for pipes 24x45" or larger. Slope 1/3 for all pipe with arch.

SLOPE DRAIN MINERED END SECTION

[illegible]

PLAN - SINGLE PIPE

Diagram showing the plan view of a single round concrete pipe. Key features include:

- Pipe/Slab Floor (F1.1)**: The top surface of the pipe.
- Side-Offset Location**: Indicated by a dashed line and dimension $T = 1" \text{ Bentout or } 1.5" \text{ Radius}$.
- Solid Area 2'-0" Min (Typ.) All Sides**: The required concrete thickness around the pipe.
- Construction Joint Permitted**: Indicated by a dashed line.
- Grates and Fasteners (See Sheet 7)**: Located on the top surface.
- Concrete Slab, 2" Thick Reinforced with #6 @ 18" o.c.**: The base slab.
- Grates and Fasteners (See Sheet 7)**: Located on the base slab.
- PLAN - MULTIPLE PIPE**: Similar to the single pipe plan but for multiple pipes.

SECTION A-A (Pipe/Slab Floor)

Diagram showing the cross-section of the pipe and slab. Key features include:

 - Pipe/Slab Floor**: The top surface.
 - Grates and Fasteners**: Located on the top surface.
 - Concrete Slab**: The base slab.
 - Grates and Fasteners**: Located on the base slab.
 - Grates Spaced 18" o.c.**
 - Side Drift Grade**: Indicated by a dashed line.
 - 2'-0" Min. Sid**: The required concrete thickness on the side.

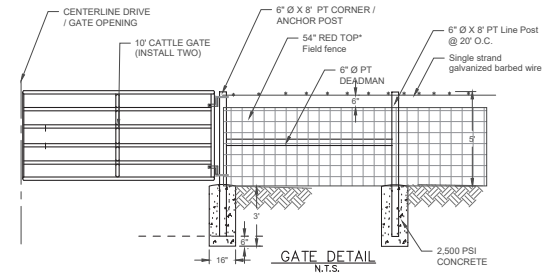
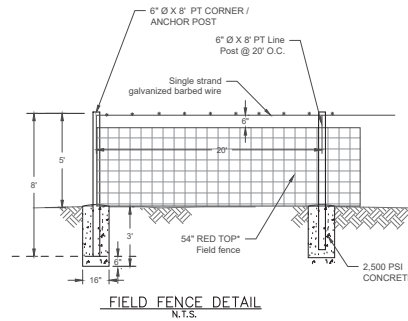
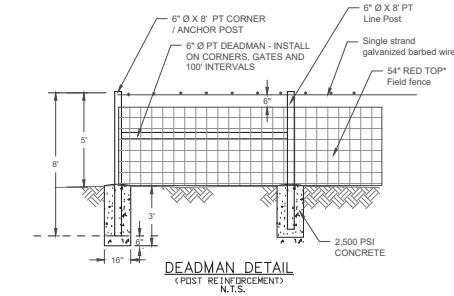
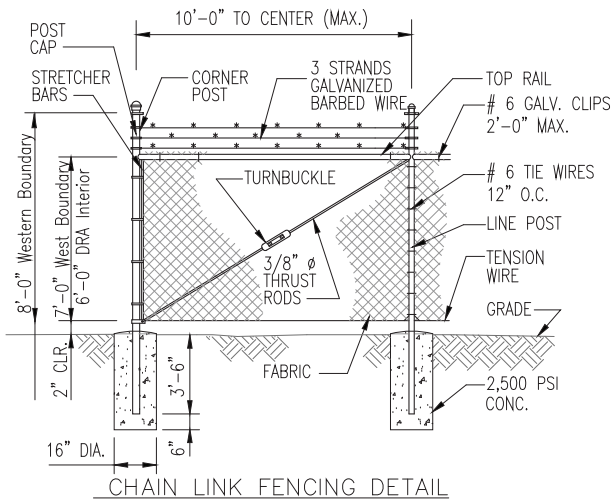
DETAIL 'A'

Diagram showing a detail view of the pipe and slab. Key features include:

 - Grates and Fasteners**: Located on the top surface.
 - Concrete Slab**: The base slab.
 - Grates and Fasteners**: Located on the base slab.
 - Grates Spaced 18" o.c.**
 - Side Drift Grade**: Indicated by a dashed line.
 - 2'-0" Min. Sid**: The required concrete thickness on the side.

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			Scale	
			NTS	



FIELD FENCE DETAIL

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Revision:	BY:	Date:

Drawn by:
BHT
Scale
NTS



Project Location MARION COUNTY	
Approved Date 12/08/2025	Date 11/24/2025
Approved By LBJ	Engineer BHT

Type of Application MAJOR SITE PLAN
BELLEVUE SUBSTATION 2026 NEW RING BUS STATION FENCE DETAILS

Engineer of Record
BINIAM TSEGAY, P.E. FLORIDA P.E. LICENSE NO. 81411
Work Order
212342
Drawing #
BV- 06 - 301