

RAPID INFILTRATION BASIN (RIB) EXPANSION

ADDENDUM NO. 3

DATE: May 19, 2026

Bid Number: 142173578

This addendum forms a part of the Specifications and modifies the original Document as noted. Acknowledge receipt of this Addendum in the appropriate portion of Section 00300 with the submitted bid. Failure to do so may subject the proposer to disqualification.

1. What is the depth of the monitoring wells that need to be grouted and abandoned?

Response: Depths of the existing monitoring wells are unknown.

2. What is the depth of the proposed monitoring wells?

Response: The estimated depth is 35 feet. The actual depth should be determined in the field by a geotechnical engineer per section 6.3 of the hydrogeological report in Appendix A of the Specifications.

3. Will the owner be responsible for the laboratory testing necessary to comply with the recommendations set forth in paragraph 6.3 of the Hydrogeologic investigation?

Response: The responsibility will be on the contractor to perform the required testing to comply with the project specifications.

4. What is the CY amount of the stockpile currently onsite? What kind of material is within the stockpile?

Response: The existing stockpile is approximately 24,000 CY. Its approximate volume is included in the total quantity of export estimated in the Bid Form. The Contractor shall be responsible for determining the exact amount of export fill. The soil material within the stockpile is unknown. Sampling will be at the expense of the contractor.

5. What is the engineer's estimate?

Response: There is no engineers estimate for this project.

6. Who is the point of contact for access to the site?

Response: Coordinate access with Jason Martin, Deputy Director, Utilities; 352-643-0943.

7. What is the quantity of material to be hauled offsite per bid item 8? Is this quantity separate from the 192,000 CY number provided in the bid documents?

Response: No. The estimated quantity is 192,000 CY. It is the Contractor's responsibility to determine the exact amount of export fill.

8. Is seeding required in the new pond bottoms? Cross Section E-E on pg. C04.02 has a seeding and mulching note. Please provide seeding limits and required mixes.

Response: Seeding and mulching is not required. All proposed pond bottoms should be clean fine sand.

9. Is there an abandonment detail for the existing monitor wells that need to be grouted or is exploratory work required to determine their depths?

Response: The depths are unknown. Wells should be grouted per FAC 62-532.

10. Is there a water source on site to use for the hydrostatic pressure testing of the new RIB assembly as well as for dust control and watering new grass?

Response: Yes, there is onsite water.

11. Can the hydrostatic pressure testing be done, inspected, and reported by the contractor or does it need to be done by a specific testing entity?

Response: Hydrostatic testing can be performed by the Contractor under the witness of the Owner or Engineer. All inspections require 48-hour notice.

12. Per detail W-06 on sheet C05.00, is there a specific length (L) that requires restraints on the joints or is it the count that is shown in the details?

Response: Refer to the table in detail W-06 (page 2 of 2) for required length of pipe to be restrained. Refer to City of Wildwood Standard details and revised plans sheets.

13. On page 23 of the geotech report it states that any clay or sandy clay materials encountered at the bottom of the ponds should be over-excavated and backfilled with on-site clean materials and that this work will be determined in the field by a geotechnical engineer. Will the contractor or owner cover the cost for the geotechnical engineer? How will this work be quantified and paid?

Response: Contractor shall incur the cost of the geotechnical engineer. Bid form has been revised to include a line item for field testing and observation. Bid Form has also been revised to include a line item for over excavation of unsuitable soil and the backfilling of the pond bottoms with onsite or offsite clean fill as required for a complete project. An arbitrary quantity has been provided for bidding purposes. The unsuitable pond bottom material will need to be determined by the geotechnical engineer and measurements of the area of pond volume should be provided by Contractor and approved by the Engineer and Owner prior to payment. Payment will be made per cubic yard base of unsuitable material removed.

14. The scope of work defined on section 01150 paragraphs E and F does not clearly define the scope and quantity of work within line items 7 and 8 of the bid form. Could you please clarify? In addition, if unforeseen site conditions are encountered during the excavation how would that work be paid for? Can the engineer quantify and define the work within items 7 and 8?

Response: The work in line item 7 (8 in revised Bid Form) of the Bid Form shall include all onsite excavation of the proposed ponds for a complete project. This shall include but not limited to the excavation of the ponds, onsite handling of the material, sorting of the material, fine grading, and any other work required for a complete project per the Contract Documents. Line Item 8 is for the offsite export and disposal of any and all excess material (approx. 192,000 CY).

15. Please confirm type of pipe for the existing 16" line we are required to cut and tie into?

Response: C-900 PVC.

16. Can the City provide an estimated quantity of export soil?

Response: The estimated quantity is 192,000 CY not including onsite clean fill that may be used to replace unsuitable fill. It is the Contractor's responsibility to determine the exact amount of export fill.

17. All soil intended for export must undergo laboratory analysis to confirm compliance with the State of Florida Soil Cleanup Target Levels (SCTLs) for beneficial reuse. Should any soil fail to meet the required SCTLs, will the City be responsible for managing its proper disposal through a change order?

Response: The Contractor is responsible for the required testing as outlined by the Florida Administrative Code and the management and the proper export and disposal of excess material. This should be covered under the bid item 6 for testing and bid item 9 for the off-site export of excess material.

18. Does the city have an estimated budget for this project/bid?

Response: No.

19. Is only (1) one original required for submittal?

Response: Yes.

20. Is there an engineer estimate available for this work?

Response: No.

21. Does this project have any minority goals or requirements?

Response: No.

22. What is the engineers estimate of this project?

Response: There is no engineers estimate for this project.

23. What are the allowed work hours for this project?

Response: Please refer to the project Specifications, Section 00801. Hours maybe modified at the request of the Contractor and with City approval.

24. Is a jobsite trailer required for this project?

Response: No.

25. Is a full time on-site superintendent required for this project?

Response: Please refer to the project Specifications, EJD CD C-700, Standard General Conditions of the Construction Contract, Article 7.

26. Will the new ponds require a liner ? If so, what type?

Response: No.

27. Could you please provide the model number for the security cameras?

Response: Owner will supply cameras. Contractor is responsible for installation of cameras per plans.

28. There is a large amount of old PVC pipe stacked onsite, and the question was if we are to include the disposal of that pipe in our proposal, and if so, should we just include it in the demolition line item?

Response: Yes, it is to be removed. Yes, capture the cost in the demolition line item.

29. On pg. C05.00 of the plans, the Type A wet condition bedding and trenching detail states that bedding rock will be required by the engineer. What amount of rock should we include in the bid and what type of rock should it be?

Response: #57 bedding stone should be utilized. Capture estimated cost in the lump sum pricing of the site yard piping.

30. The trenching details on page C05.00 also points out select common fill for backfilling trenches. Do we need to import select fill for backfilling? If so, can you provide a spec and a quantity?

Response: It is not anticipated that select fill will be required to be imported.

31. The existing surface information from the cad files does not capture the existing stockpile located on the south end of the job. What is the cubic yard quantity of material in this area that needs to be added to the overall cut?

Response: The existing stockpile is approximately 24,000 CY.

32. The grassing requirements call for sodding disturbed areas with similar existing sod. What type of sod would be required for sodding these areas and is the same sod used for sodding the new construction slopes?

Response: Sod type, size, condition, and installation shall adhere to FDOT standard specification 981.

33. Sheet C04.00 shows proposed location of monitoring wells. Please confirm, exploratory bores described on article 6.3 Well Construction of the Hydrogeologic Investigation and Groundwater Modeling City of Wildwood RIBs Expansion have already been done and will not be part of the contractors scope of work.

Response: The exploration bores have not been constructed. They exploratory holes should be included in the Contractor's scope of work.

34. Will you accept an electronically signed bid bond?

Response: Yes, this is acceptable.

35. Are the required certified licensed surveyor as-builts required for final completion of the job only or do we need certified as-builts for below grade installations as well? Would it be acceptable for the contractors surveyor to provide as-builts (non certified) for all underground installations for efficiency throughout the project and have the certified surveyors do as-builts for final completion?

Additionally, if there is a specific as built schedule with all required as built locations and specifics please provide.

Response: Yes, as-builts are required to be certified by a license surveyor per the City of Wildwood's utility construction standards and specifications. Yes, it would be acceptable to have the final as-builts certified by licensed surveyors. Additional requirements for the as-builts are outlined in Specification 01720.

36. Domestic Requirements: Please confirm whether this project is subject to American Iron and Steel (AIS), Build America, Buy America (BABA), or any other domestic requirements.

Response: There are no domestic requirements.

37. Valve and Instrumentation Specifications: We were unable to locate details and specifications for the following items: Butterfly Valves, Gate Valves, Manual and Electric Motor Actuators, Valve Boxes, Air Release Valves, and Pressure Gauges. Kindly advise.

Response: Refer to specification section 11750 for MOV requirements. Refer to City of Wildwood Non-Potable Water Distribution Specifications – W-02. Valves shall be AWWA C509 or C515 resilient seat gate valves by Mueller, EJ Flowmaster, or equal. Buried MJ Butterfly valves shall be resilient seat and meet AWWA C504. Class 150, with EPDN packing and EPDM seat material. Service class shall be 150. Shaft shall be 316 SS. Actuator shall be buriable worm gear with 2-inch square nut. Above grade flange Butterfly valve shall be resilient seat and meet AWWA C504. Packing material should be EPDN and seat seal should be EPDM. Service class shall be 150. Shaft shall be 316 SS. Actuator shall be handwheel. Manufactured by DeZurik, Mueller, or equal.

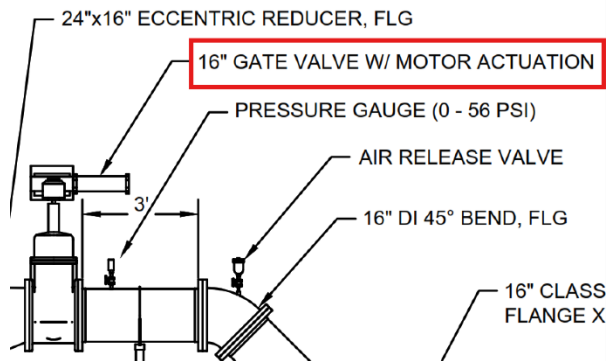
38. Air Release Valves and Pressure Gauges: Size and detailed information for the Air Release Valves and Pressure Gauges were not provided. Please provide clarification.

Response: ARVs are to be 2-inch and be model D-040P ARI. Pressure gauges shall be 3.5-inch 0-50 psig oil filled pressure gauges by Ashcroft or equal.

39. Coating for Exposed Ductile Iron Piping: For exposed ductile iron piping and fittings, please confirm if the specified coating is Tnemec Series 90-97.

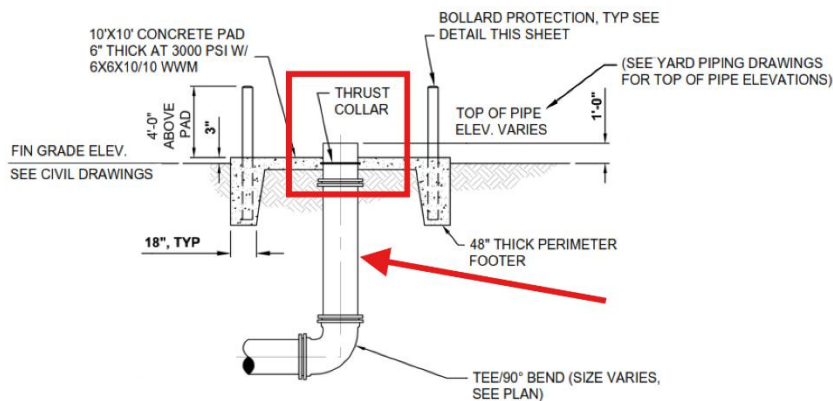
Response: Refer to Specification Section 09800

40. Valve Type Discrepancy: Bid Form Item #41 indicates a 16-inch BFV MOV FLG, while plan sheet C03.06 references a 16-inch Gate Valve with Motor Actuation (see referenced snippet). Please clarify which is correct.



Response: Sheet C03.06 is correct. It should be a gate valve. See revised Bid Form. The above grade assembly is captured as a LS item.

41. Rib Discharge Detail: Please confirm if the item marked with the red arrow is a Flange × Plain End Ductile Iron Pipe, and if the item marked with the red square is also a Flange × Plain End Ductile Iron Pipe. Please advise if they are different.



RIB DISCHARGE DETAIL

N.T.S.

Response: Standard detail just requires a thrust collar. Depending on length if an extra piece of pipe is required it could be installed as two PExFE pieces of pipe or two PExPE spool pieces that are connected by a ductile iron MJ Coupling.

42. How many bollards per column?

Response: 4 bollards per RIB discharge detail

43. Style and gauge of roof panels?

Response: The purpose or the context of the question is unclear. There is no roof proposed as part of the project.

44. Is there any information on width and thickness of site concrete?

Response: No.

45. Are Bid or Payment and Performance Bonds needed?

Response: Yes, please refer to Specification Section 00020 "Invitation to Bid", Section 00100 – "Instructions to Bidders", and Section 00630 "Performance and Payment Bond", and the EJCDC Standard General Conditions of the Construction Contract for more information.

46. Please provide the total excavation and embankment quantities. If there are delineations between soil types within those please provide the quantities of each type. Also, if there are delineations between RIB #s please provide those quantities.

47. **Response: It is the responsibility of the Contractor to determine the amounts of import and export fill. CAD files were provided with Addendum No.1 so that the Contractor could determine their own quantities.**

48. How much import or export of dirt is there anticipated.

Response: It is the responsibility of the Contractor to determine the amounts of import and export fill. CAD files were provided with Addendum No.1 so that the Contractor could determine their own quantities.

49. Are there anticipated specs on the sand within the bottom of the RIB and is it assumed that this material is on site?

Response: Refer to project plans and specifications as well as the geotechnical report in the project specifications.

50. Are there specs for the soils used for the RIB berms and is it assumed that this material is on site?

Response: Refer to project plans and specifications as well as the geotechnical report in the project specifications.

51. Specification and details are required for the security and I&C system. There are no details regarding brands, accessories, panel details, etc.

Response: See revised plans that were provided as Addendum No.1. Camera's will be provided by the Owner.

52. Specify the required I&C contractor.

Response: Refer to specification section 26 09 10. Attached to the this addendum.

53. Specify the work hours.

Response: Please refer to the project Specifications, Section 00801. Hours maybe modified at the request of the Contractor and with City approval.

54. Could you provide the bid bond form referenced in the specifications? I don't see it in the bid documents.

Response: There is no specified template required for the Bid Bond form. Standard Bid Bond from a surety company is acceptable.

55. Could you please provide the model number for the security cameras?

Response: Cameras will be supplied by the Owner

56. What type of variety of sod is requested?

Response: Sod type, size, condition, and installation shall adhere to FDOT standard specification 981.

57. What are the safety requirements, license, training, etc.?

Response: Contractor's responsibility to have all the necessary local, state, and federal licensure and training.

58. Is there any fertilization requirements?

Response: Sod type, size, condition, and installation shall adhere to FDOT standard specification 981.

59. We kindly request deletion of SC-17.01.B. Alternatively, revise the provision to require only notice of intent to dispute or appeal the Engineer's decision within a defined period, while preserving the parties' right to initiate legal proceedings within the timeframe allowed by applicable law.

Response: Section SC-17.01.B of the Supplemental Conditions has been revised. See attachment.

NOTE: See attachments.

END OF SECTION

SECTION 00300 – BID FORM

1. The undersigned Bidder does hereby declare that he has carefully examined the Invitation to Bid, the Instructions to Bidders, Project Manual and Construction Plans, and project addenda relating to the above-entitled matter and the work, and has also examined the site.
2. The undersigned Bidder hereby declares that he has based his proposal on the conditions as they exist on site and has noted all items of work required of the project that is not illustrated on the plans.
3. The undersigned does hereby offer and agree to furnish all materials, to fully and faithfully construct, perform and execute all work in the above-mentioned matter in accordance with the Plans, Drawings and Specifications relating thereto.
4. The undersigned does hereby declare that the prices so stated cover all expenses of every kind incidental to the completion of said work, and the contract therefore, includes all claims that may arise through damages or any other causes whatsoever.
5. The undersigned does hereby declare that he shall make no claim on account of minor variation of the approximate estimate in the QUANTITIES or work to be done, nor on account of any misunderstanding or misconception of the nature of the work to be done or the grounds or place where it is to be done.
6. The Bidder acknowledges that (1) each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and (2) estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents.
7. The undersigned does also declare and agree that he will commence the work within ten (10) days after notification by the Engineer to do so and will complete the work fully and in every respect on or before the time specified in said contract.
8. The undersigned further agrees that the UNIT PRICES submitted on the Bid Form shall govern all errors in extension or addition and shall void the total base bid submitted on the attached sheet. The corrected extension and addition of all items shall be considered to be the correct base bid for comparison purposes.
9. The undersigned further agrees that the UNIT PRICES submitted on the Bid Form will expire if a contract is not executed within ninety (90) days from the date of bid deadline, and that the Contractor will be fully released from any obligations of this Bid Form.
10. The undersigned agrees that this bid is based on substantially completing the project within 360 calendar days and final completion within 420 calendar days from the date of Notice to Proceed. The Contractor further agrees to pay, as liquidated damages, the sum of one thousand (\$1,000) dollars for each consecutive calendar day thereafter.
11. The Bidder acknowledges having received the following project addenda:

No. _____, Date: _____	No. _____, Date: _____
No. _____, Date: _____	No. _____, Date: _____
No. _____, Date: _____	No. _____, Date: _____
12. By submission of this bid, each bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, that this bid has been arrived at independently, without consultation, communication or agreement as to any matter relating to this bid with any other bidder or with any competitor.

**WILDWOOD RIB EXPANSION
BID FORM**

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
A. GENERAL					
1	MOBILIZATION	LS	1		
2	BONDS AND INSURANCE	LS	1		
3	SURVEY AND CERTIFIED AS-BUILTS	LS	1		
4	ENVIRONMENTAL PROTECTION (EROSION CONTROL AND SILT FENCING, APPROX. 9,000 LINEAR FEET OF SILT FENCING. CONTRACTOR RESPONSIBLE TO INSTALL FENCE PER PLAN, INCLUDING TREE PROTECTION)	LS	1		
5	SITE WORK, DEMOLITION, AND PREPARATION	LS	1		
6	LABORATORY, TESTING, INSPECTION, AND FIELD OBSERVATION SERVICES	LS	1		
7	RESTORATION AND SODDING	LS	1		
8	EARTHWORK AND POND CONSTRUCTION, PER PLAN, INCLUDES EXCAVATION, ONSITE HANDLING, AND FINE GRADING FOR A COMPLETE PROJECT (APPROX. 192,000 CY)	LS	1		
9	OFF-SITE EXPORT OF EXCESS MATERIAL (APPROX. 192,000 CY)	LS	1		
10	ELECTRICAL (COMPLETE)	LS	1		
11	INSTRUMENTATION AND CONTROLS (COMPLETE SYSTEM)	LS	1		
12	SECURITY SYSTEM (PER CONTRACT DOCUMENTS)	LS	1		
13	CONSTRUCT AND INSTALL MONITORING WELLS	EA	3		
14	OVER EXCAVATION OF UNSUITABLE SOIL, BACKFILL WITH CLEAN FILL (QUANTITY ARBITRARY)	CY	69,500		
SUBTOTAL					
B. REUSE WATER SYSTEM					
FURNISH & INSTALL REUSE WATER MAIN BY OPEN-CUT INSTALLATION					
15	12-INCH C900 DR-18 PVC (INCLUDING FITTINGS, RESTRAINTS, AND COMPLETE)	LF	992		
16	16-INCH C900 DR-18 PVC (INCLUDING FITTINGS, RESTRAINTS, AND COMPLETE)	LF	2,674		
17	20-INCH C900 DR-18 PVC (INCLUDING FITTINGS, RESTRAINTS, AND COMPLETE)	LF	4,252		
18	24-INCH C900 DR-18 PVC (INCLUDING FITTINGS, RESTRAINTS, AND COMPLETE)	LF	1,830		
FURNISH & INSTALL SYSTEM VALVES					
19	16-INCH GATE VALVE	EA	2		
20	20-INCH BUTTERFLY VALVES W/ MOTOR ACTUATORS	EA	7		
21	24-INCH BUTTERFLY VALVES W/ MOTOR ACTUATORS	EA	1		
FURNISH & INSTALL DUCTILE IRON FITTINGS					
22	16-INCH CAP (BY CUT IN, INCLUDING REQUIRED ADDITIONAL RESTRAINTS, THRUST COLLAR, THRUST BLOCK, SPOOL PIECE, COUPLINGS, TEMPORARY LINE STOP, AND ANY OTHER MATERIAL REQUIRED FOR A COMPLETE CUT IN PER PLAN)	EA	2		
23	16-INCH WYE (BY CUT IN, INCLUDING REQUIRED ADDITIONAL RESTRAINTS, THRUST COLLAR, THRUST BLOCK, SPOOL PIECE, COUPLINGS, TEMPORARY LINE STOP, AND ANY OTHER MATERIAL REQUIRED FOR A COMPLETE CUT IN PER PLAN)	EA	2		
FURNISH & INSTALL APPURTENANCES					
24	RIB DISCHARGE ASSEMBLY	EA	19		
FURNISH & INSTALL VALVE ASSEMBLY					
25	ABOVE GRADE VALVE ASSEMBLY	LS	1		
SUBTOTAL					
GRAND TOTAL					

Lump Sum Grand Total amounts are to be shown in both words and figures. In case of discrepancies, the amount in words will govern.

LUMP SUM GRAND TOTAL: \$ _____

WORDS: _____

THIS PROPOSAL DATED THIS _____ day of _____, 2026.

ATTEST:

Witness: _____

Signature

By: _____

Authorized Signature (Principal)

Printed Name

Printed Name, Title

Company Name

Address: _____

Employee I.D. No.

Florida State Certified General
Contractor's License Number

Telephone Number: _____

END OF SECTION

SECTION 00800 – SUPPLEMENTAL CONDITIONS

These Supplemental Conditions amend or supplement the Standard General Conditions of the Construction Contract, EJCDC C-700 (2018 Edition). All provisions which are not so amended or supplemented remain in full force and effect.

The terms used in these Supplemental Conditions have the meanings stated in the General Conditions. Additional terms used in these Supplemental Conditions have the meanings stated below, which are applicable to both the singular and plural thereof.

The address system used in these Supplemental Conditions is the same as the address system used in the General Conditions, with the prefix “SC” added thereto.

SC-2 PRELIMINARY MATTERS

SC-2.01: Add the following new paragraph immediately after Paragraph 2.01.A as 2.01.A.1:

Contractor shall record all required bonds, at the contractor’s expense, in the public records of Sumter County, Florida and shall provide certified copies of said bonds along with the executed agreement to the Owner within ten (10) calendar days of the Notice of Intent to Award.

SC-2.02: Delete Paragraph 2.02.A in its entirety and insert the following in its place:

Owner shall furnish to Contractor up to three (3) printed or hard copies of the Drawings and Project Manual and one set in electronic format. Additional copies will be furnished upon request at the cost of reproduction.

SC-5 AVAILABILITY OF LANDS; SUBSURFACE AND PHYSICAL CONDITIONS; HAZARDOUS ENVIRONMENTAL CONDITIONS

SC-5.03 Add the following new paragraphs immediately after Paragraph 5.03.B:

- A. The following reports of explorations and tests of subsurface conditions at or adjacent to the Site are known to Owner:
 - 1. None

- B. The following drawings of physical conditions relating to existing surface or subsurface structures at or adjacent to the Site (except Underground Facilities) are known to Owner:
 - 1. None

SC-6 BONDS AND INSURANCE

SC-6.03: Add the following new paragraph immediately after Paragraph 6.03.J:

- A. The limits of liability for the insurance required by Paragraph 5.04 of the General Conditions shall be as specified in Document 00650 – Minimum Insurance Requirements, or greater where required by Laws and Regulations.

SC-7 CONTRACTOR’S RESPONSIBILITIES

SC-7.02.B. Amend the first and second sentences of Paragraph 7.02.B to state “...all Work at the Site shall be performed during regular working hours, Monday through Friday, except where not allowed by the City of Wildwood for portions of work within their control. Contractor will not perform Work on a Saturday, Sunday or any legal holiday, unless given

written approval by the City of Wildwood 48 hours in advance.”

SC-7.06: Add the following new paragraph immediately after Paragraph 7.06.O as 7.06.P:

The General Contractor shall be required to perform, at a minimum, 51% of the contract amount of this project.

SC-10 ENGINEER’S STATUS DURING CONSTRUCTION

SC-10.03: Add the following new paragraphs immediately after Paragraph 10.03.A:

B. The Resident Project Representative (RPR) will be Engineer’s employee or agent at the Site, will act as directed by and under the supervision of Engineer, and will confer with Engineer regarding RPR’s actions. RPR’s dealings in matters pertaining to the Work in general shall be with Engineer and Contractor. RPR’s dealings with Subcontractors shall be through or with the full knowledge and approval of Contractor. The RPR shall:

1. *Schedules*: Review the progress schedule, schedule of Shop Drawing and Sample submittals, and schedule of values prepared by Contractor and consult with Engineer concerning acceptability.
2. *Conferences and Meetings*: Attend meetings with Contractor, such as preconstruction conferences, progress meetings, job conferences and other project-related meetings, and prepare and circulate copies of minutes thereof.
3. *Liaison*:
 - a. Serve as Engineer’s liaison with Contractor, working principally through Contractor’s authorized representative, assist in providing information regarding the intent of the Contract Documents.
 - b. Assist Engineer in serving as Owner’s liaison with Contractor when Contractor’s operations affect Owner’s on-site operations.
 - c. Assist in obtaining from Owner additional details or information, when required for proper execution of the Work.
4. *Interpretation of Contract Documents*: Report to Engineer when clarifications and interpretations of the Contract Documents are needed and transmit to Contractor clarifications and interpretations as issued by Engineer.
5. *Shop Drawings and Samples*:
 - a. Record date of receipt of Samples and approved Shop Drawings.
 - b. Receive Samples which are furnished at the Site by Contractor, and notify Engineer of availability of Samples for examination.
6. *Modifications*: Consider and evaluate Contractor’s suggestions for modifications in Drawings or Specifications and report such suggestions, together with RPR’s recommendations, to Engineer. Transmit to Contractor in writing decisions as issued by Engineer.
7. *Review of Work and Rejection of Defective Work*:
 - a. Conduct on-site observations of Contractor’s work in progress to assist Engineer in determining if the Work is in general proceeding in accordance

with the Contract Documents.

- b. Report to Engineer whenever RPR believes that any part of Contractor's work in progress will not produce a completed Project that conforms generally to the Contract Documents or will imperil the integrity of the design concept of the completed Project as a functioning whole as indicated in the Contract Documents, or has been damaged, or does not meet the requirements of any inspection, test or approval required to be made; and advise Engineer of that part of work in progress that RPR believes should be corrected or rejected or should be uncovered for observation, or requires special testing, inspection or approval.

8. *Records:*

- a. Record names, addresses, fax numbers, e-mail addresses, web site locations, and telephone numbers of all Contractors, Subcontractors, and major Suppliers of materials and equipment.
- b. Maintain records for use in preparing Project documentation.

9. *Reports:*

- a. Furnish to Engineer periodic reports as required of progress of the Work and of Contractor's compliance with the progress schedule and schedule of Shop Drawing and Sample submittals.
- b. Draft and recommend to Engineer proposed Change Orders, Work Change Directives, and Field Orders. Obtain backup material from Contractor.
- c. Immediately notify Engineer of the occurrence of any Site accidents, emergencies, and acts of God endangering the Work, damage to property by fire or other causes, or the discovery of any Hazardous Environmental Condition.

10. *Payment Requests:* Review Applications for Payment with Contractor for compliance with the established procedure for their submission and forward with recommendations to Engineer, noting particularly the relationship of the payment requested to the schedule of values, Work completed, and materials and equipment delivered at the Site but not incorporated in the Work.

11. *Certificates, Operation and Maintenance Manuals:* During the course of the Work, verify that materials and equipment certificates, operation and maintenance manuals and other data required by the Specifications to be assembled and furnished by Contractor are applicable to the items actually installed and in accordance with the Contract Documents, and have these documents delivered to Engineer for review and forwarding to Owner prior to payment for that part of the Work.

12. *Completion:*

- a. Participate in a Substantial Completion inspection, assist in the determination of Substantial Completion and the preparation of lists of items to be completed or corrected.
- b. Participate in a final inspection in the company of Engineer, Owner, and Contractor and prepare a final list of items to be completed and deficiencies to be remedied.
- c. Observe whether all items on the final list have been completed or corrected

and make recommendations to Engineer concerning acceptance and issuance of the Notice of Acceptability of the Work.

C. The RPR shall not:

1. Authorize any deviation from the Contract Documents or substitution of materials or equipment (including "or-equal" items).
2. Exceed limitations of Engineer's authority as set forth in the Contract Documents.
3. Undertake any of the responsibilities of Contractor, Subcontractors, Suppliers, or Contractor's superintendent.
4. Advise on, issue directions relative to, or assume control over any aspect of the means, methods, techniques, sequences or procedures of Contractor's work unless such advice or directions are specifically required by the Contract Documents.
5. Advise on, issue directions regarding, or assume control over safety practices, precautions, and programs in connection with the activities or operations of Owner or Contractor.
6. Participate in specialized field or laboratory tests or inspections conducted off-site by others except as specifically authorized by Engineer.
7. Accept Shop Drawing or Sample submittals from anyone other than Contractor.
8. Authorize Owner to occupy the Project in whole or in part.

SC-15 PAYMENTS TO CONTRACTOR; SET-OFFS; COMPLETION; CORRECTION PERIOD

SC-15.01 Delete Paragraph 15.01.B.1 in its entirety and replace with the following:

1. At least 20 days before the date established in the Agreement for each progress payment (but not more often than once a month), Contractor shall submit to Engineer for review an Application for Payment filled out and signed by Contractor covering the Work completed as of the date of the Application and accompanied by such supporting documentation as is required by the Contract Documents.

SC 15.03.B Add the following new subparagraph to Paragraph 15.03.B:

1. If some or all of the Work has been determined not to be at a point of Substantial Completion and will require re-inspection or re-testing by Engineer, the cost of such re-inspection or re-testing, including the cost of time, travel and living expenses, shall be paid by Contractor to Owner. If Contractor does not pay, or the parties are unable to agree as to the amount owed, then Owner may impose a reasonable set-off against payments due under Article 15.

SC-17 FINAL RESOLUTION OF DISPUTES

SC-17.01 Delete Paragraphs 17.01.A and 17.01.B in their entirety and replace with the following:

- A. All claims, disputes and other matters in question between Owner and Contractor arising out of or relating to the Contract Documents or the breach thereof (except for claims which have been waived by the making or acceptance of final payment) will be decided by proper legal procedures to be heard in the Circuit Court of Sumter County, Florida.
- B. No filing of suit or commencement of legal proceedings for any claim, dispute, or other matter that is required to be referred initially to the Engineer for decision shall be made

until the earlier of: (a) the date on which the Engineer has rendered a written decision; or (b) the thirty-first (31st) day after the parties have presented their evidence to the Engineer if a written decision has not been rendered before that date.

Any party disagreeing with the Engineer's written decision shall provide written notice of intent to dispute or appeal the decision within thirty (30) days after receipt of the Engineer's decision. Failure to provide such written notice within the required time shall constitute a waiver of the right to contest the Engineer's decision through the contractual dispute resolution process.

Nothing contained herein shall be construed to shorten or modify any applicable statute of limitations or repose provided under Florida law.

END OF SECTION

26 09 10 - INSTRUMENTATION

PART 1 - GENERAL

1.01 SCOPE

- A. This section covers the instruments, instrumentation enclosures and miscellaneous devices.
- B. Auxiliary and accessory devices necessary for system operation or performance, such as relays, din connectors, or terminals to interface with other Sections of these Specifications, shall be included.

1.02 QUALITY ASSURANCE

- A. Manufacturers: Firms regularly engaged in manufacture of products of this type, and whose products have been in satisfactory use in similar service for not less than 5 years.
- B. Installer: Qualified with at least 5 years of successful installation experience on projects with work similar to that required for this project.
- C. NEC Compliance: Comply with the National Electrical Code, NFPA 70, as applicable to wiring and other electrical construction of the unit.
- D. UL Compliance: Provide components with UL listing and labeling for applicable UL categories.
- E. Provide complete unit and installation to conform with NFPA-90A.

1.03 SUBMITTALS

- A. Submittals shall be in accordance with the requirements outlined in Section 01 33 23 Submittals.
- B. Submit catalog literature, specification material and installation and operation manual for each instrument and device specified herein.
- C. Submit outline and dimensional drawings and wiring diagrams to ENGINEER for review.
- D. Submit shop drawings for instrument panels shall include wiring schematics and dimensional outlines. Shop drawings shall include ISA loop drawings on all loops. Loop drawings shall include all device terminal numbers and wire numbers. Shop drawings shall include all pin-out wiring for RS-232 and RS-485 and similar type connectors.

1.04 SYSTEM RESPONSIBILITY

- A. The CONTRACTOR shall assume complete "SYSTEM RESPONSIBILITY" for the instrumentation system. "System Responsibility" shall mean that the CONTRACTOR is responsible for the overall operation, satisfactory performance, and integration of the individual components into the whole system so that the entire system functions in whole and in its parts as intended by the Contract Documents. Coordinate integration and testing of instrumentation system with programmer of RTU and Computer HMI System. Integrator to be:
 - 1) Process Control Services, LLC.
 - 2) Approved Equal

PART 2 - PRODUCTS

2.01 SURGE SUPPRESSORS

- A. Surge suppressors for protecting 120vac circuits shall meet UL 1449, UL 1283, NEMA LS-1 1992, and ANSI/IEEE C62.41 and C62.45. Load current rating shall be 20 amps at 120vac.
- B. Surge suppressors shall be series connected and shall have a surge current capacity of 45,000 amps.
- C. 120VAC Surge suppressor shall be Phoenix Contact model 2906489 or approved equal.

2.02 INSTRUMENT AND PLC ENCLOSURES

- A. Indoor enclosures instrumentation equipment shall be hinged door type and shall have interior mounting sub panel. Enclosures shall be Hoffman or equal. Enclosure shall be sized to house the specified equipment but shall not be less than the size indicated on the PLANS.
- B. Enclosure rating for air-conditioned and ventilated locations in pump stations shall be NEMA 12. Enclosure rating for outdoor or damp locations such as the Raw Water Island shall be NEMA 4X and shall be constructed of 316 stainless-steel painted white.

2.03 MISCELLANEOUS

- A. Terminal strips for connection of field wiring shall be DIN rail mounted channel mounted terminals suitable for connecting #22 to #12 wire sizes. Furnish ABB model 011512017 with 35mm Aluminum DIN rail mounting channel. Terminal strips shall have factory terminal markers.
- B. Isolation relays shall be 24vdc SPDT with base. Furnish Idec model RV8H-L-D24.
- C. Furnish and install a 24V DC 20 Amp Power Supply for the equipment as shown on the drawings. The 24V DC PSU shall be Phoenix Contact #2938620.
- D. Furnish and install a 24V DC 20 Amp Uninterruptable Power Supply (UPS) for the equipment as shown on the drawings. The 24V DC UPS shall be Phoenix Contact #2320238.
- E. Furnish and install a 24V DC 12-Amp Hour Battery Module. The Battery Module shall be Phoenix Contact #2320322.
- F. Signal Splitters shall be 24vdc powered with 4-20mA inputs & (2) 4-20mA outputs. Signal Splitters shall be Acromag model #633T-0100 or approved equal.
- G. 4-20mA Surge Suppressors shall be provided where required and as indicated on the drawings. 4-20mA surge suppressors shall be Phoenix Contact #2839538 or approved equal.

2.04 MAGNETIC FLOWMETER

- A. The Lift Station discharge flow shall be an electromagnetic flow meter type. Configure the Potable Water Lift Station discharge flow meter to a range of 0-2000 GPM.
 - 1. Flow Element

- a. Type: Pulsed DC electromagnetic induction type and shall provide a signal which is linear to the liquid flow rate.
- b. Function/Performance:
 - i. Power requirements: Match to converter/ transmitter.
 - ii. Accuracy: ± 0.5 percent of actual rate of full scale (including converter/transmitter).
 - iii. Temperature rating: Suitable for process liquid temperature up to 70 degrees C and an ambient of 65°C.
 - iv. RFI protection: Provide RFI protection.
 - v. Pressure rating: 240 PSI if 150 lb flanges are used, 700 PSI if 300 lb flanges are used.
 - vi. Additional: Meter shall be capable of running empty indefinitely without damage to any component.
- c. Physical:
 - i. Metering Tube: Carbon steel with 304 Stainless interior unless otherwise indicated.
 - ii. Flanges: Match piping AWWA rating of the pipe. Minimum AWWA 150# Flange.
 - iii. Liner: Polyurethane or EDPM unless noted otherwise. Liner shall be suitable for Thickened Sludge material.
 - iv. Electrodes: 316 stainless-steel, bullet nosed or elliptical self-cleaning type unless otherwise noted.
 - v. Housing: Meters in below grade vaults, basements, etc., shall be designed for accidental submergence in 30 feet of water for 24-hours. Where hazardous areas are indicated on the contract drawings, the equipment shall be rated for that area.
 - vi. Painting: All external surfaces shall be painted with a chemical and corrosion resistant epoxy finish.
- d. Accessories/Options Required:
 - i. Factory calibration: All meters shall be factory calibrated. A copy of the report shall be in the O&M manual.
 - ii. Grounding: Meter shall be grounded per the manufacturer's recommendation. Provide ground ring, ground wires, and gaskets, etc., or as otherwise noted. All materials shall be suitable for liquid being measured.
- e. Approved Manufacturers/Model number are:
 - i. McCrometer
 - ii. Rosemount

- iii. Engineer Approved Equal
2. Flow Converter/Transmitter
- a. Type: Match to flow element
 - b. Functional/Performance:
 - i. Power requirements: 24VDC
 - ii. Accuracy: As defined for flow element.
 - iii. Temperature: minus 25°C to plus 65°C.
 - iv. Output: Isolated 4-20 mA into 0-1000 ohms.
 - v. Physical: NEMA 4X wall mount.
 - c. Accessories/Options Required:
 - i. Cable: Provide signal cable between magmeter and signal converter.
 - ii. Indicator: Provide local indicator with scale engraved 0-100 percent which indicates actual converter output signal.
 - iii. Totalizer: Provide the Instrument with a seven digit, non-reset totalizer on the face of the enclosure, and a scalable pulse output to drive the totalizer. The totalizer multiplier shall be a power of 10.
 - iv. Zero Return Unit: Provide the Instrument with a zero return unit. The unit shall be powered from the converter/transmitter and may be mounted in a separate NEMA 4X enclosure; the device shall drive the magmeter output to 4 mA DC on no flow conditions.
 - d. Manufacturer(s): To be supplied with flow element.

PART 3 - EXECUTION

3.01 INSTALLATION GENERAL

- A. Permanently mount the instruments, and all required appurtenances in accordance with manufacturer's requirements. All work shall be done in accordance with industry standards, the NEC, ISA recommendations and in a workmanship like manner.
- B. All surge suppression devices shall be grounded with minimum #14 ground wire.

3.02 OPERATIONS AND MAINTENANCE MANUALS

- A. Six (6) weeks prior to the completion of the project, compile an Operations and Maintenance Manual on the instrumentation equipment. The manual shall meet the requirements outlined in Section 01730.

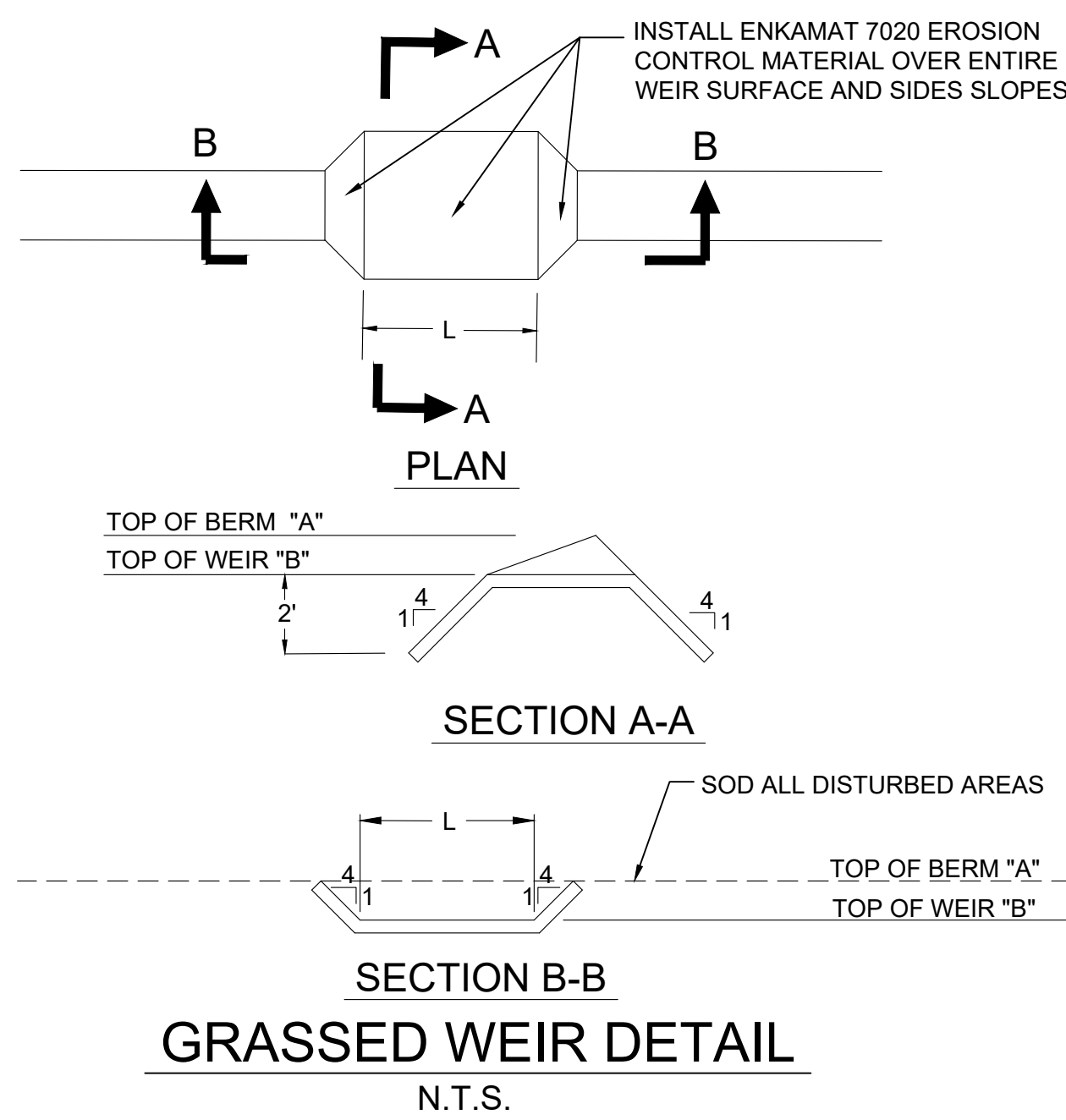
END OF SECTION

MINIMUM LENGTH OF PIPE "L" (FEET) TO BE RESTRAINED
(SOURCES: EBBA IRON RESTRAINT LENGTH CALCULATION PROGRAM FOR PVC PIPE, RELEASE 3.1, AND DIPRA THRUST RESTRAINT FOR DUCTILE IRON PIPE, RELEASE 3.2)

FITTING TYPE	PIPE SIZE										
	4"	6"	8"	10"	12"	14"	16"	20"	24"	30"	36"
90° HORIZ. BEND	17	24	31	37	43	49	55	68	75	89	
45° HORIZ. BEND	10	13	15	18	20	23	28	32	35	37	
22.5° HORIZ. BEND	3	5	6	7	9	10	11	13	15	18	
11.25° HORIZ. BEND	2	2	3	4	5	5	6	7	8	9	
45° VERT. OFFSET	UPPER BEND	16	22	29	34	41	46	52	64	74	89
	LOWER BEND	7	10	13	15	18	20	23	28	32	37
22.5° VERT. OFFSET	UPPER BEND	7	12	15	17	20	22	25	31	36	43
	LOWER BEND	3	5	6	7	9	10	11	13	15	18
11.25° VERT. OFFSET	UPPER BEND	4	5	7	8	11	12	14	16	18	22
	LOWER BEND	2	2	3	4	4	5	7	7	8	9
PLUG (DEAD END) VALVE	UPPER BEND	38	53	69	83	98	112	129	153	179	214
	LOWER BEND	38	53	69	83	98	112	129	153	179	214
TEE (BRANCH REST.)	4" x 1"	19									
	6" x 1"	28									
	8" x 1"	28	51								
	10" x 1"	28	46	64							
	12" x 1"	15	40	60	79						
	14" x 1"	8	35	56	75	92					
	16" x 1"	11	29	51	71	90	106				
REDUCER (LARGER PIPE RESTRAINT)	20" x 1"	1	18	42	64	85	101	133			
	24" x 1"	1	1	5	32	55	77	95	128	158	
	30" x 1"	1	1	1	15	42	65	84	120	152	193
	6" x 1"	27									
	8" x 1"	50	29								
	10" x 1"	68	51	28							
	12" x 1"	85	71	52	48						
VALVE	14" x 1"	101	89	73	69	29					
	16" x 1"	112	106	92	89	34	29				
	20" x 1"	146	138	126	113	96	77	54			
	24" x 1"	173	166	157	146	132	98	77	54		
	30" x 1"	209	204	197	188	178	165	151	117	75	

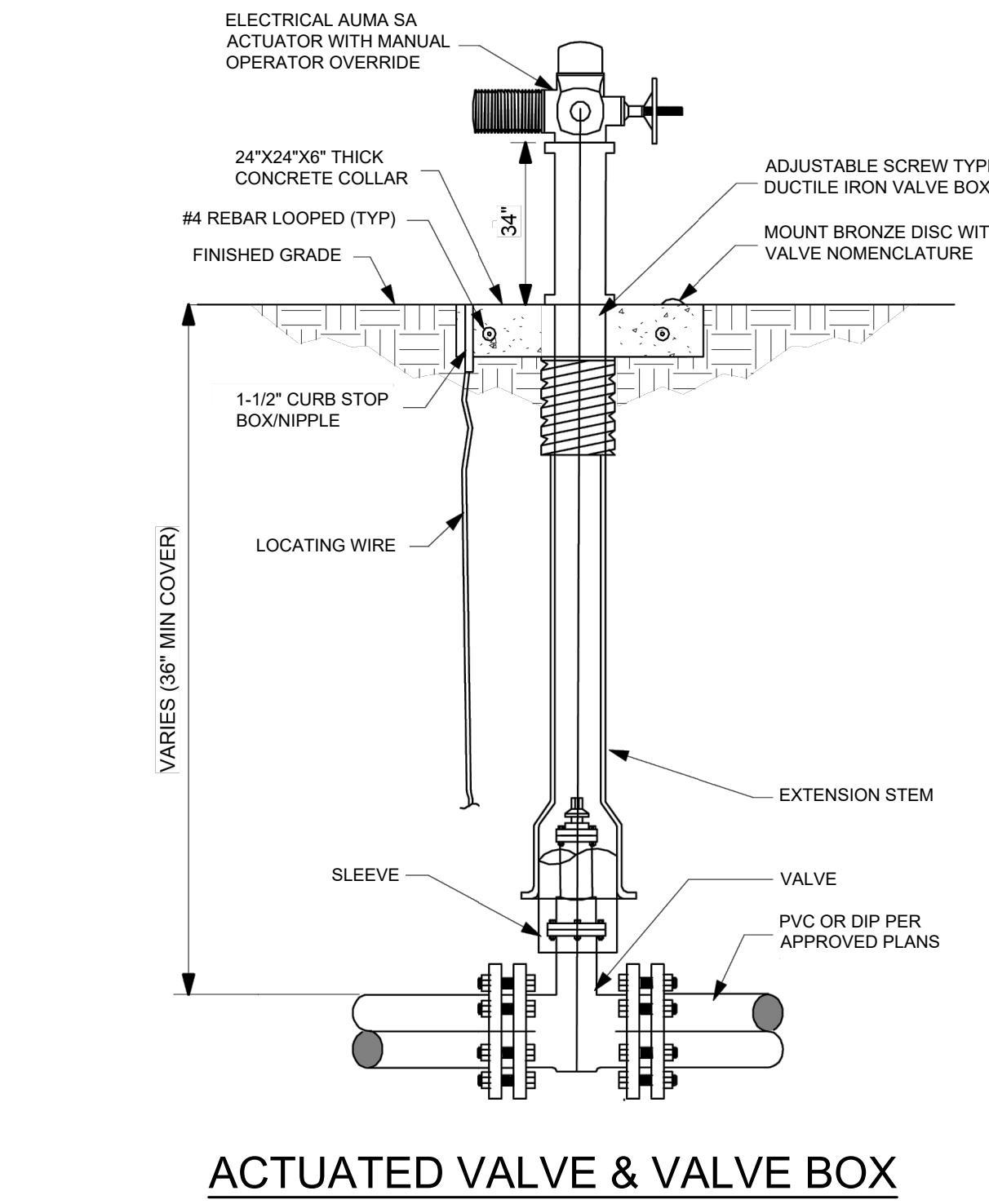
- NOTES:
- THE DATA IN THE ABOVE TABLE ARE BASED UPON THE FOLLOWING INSTALLATION CONDITIONS:
SOIL TYPE - SP TRENCH TYPE - 3 TEST PRESSURE - 150 PSI
SAFETY FACTOR - 1.5 DEPTH OF BURY - 3' VERTICAL OFFSET - 3'
 - THE RESTRAINED PIPE LENGTHS APPLY TO DUCTILE IRON AND PVC PIPE.
 - ALL JOINTS BETWEEN UPPER AND LOWER BENDS SHALL BE RESTRAINED.
 - RESTRAINED PIPE LENGTHS FOR VALVES APPLY TO PIPE ON BOTH SIDES OF VALVES.
 - THIS TABLE IS FOR SP SOILS. THE ENGINEER IS TO BE NOTIFIED IF OTHER TYPE SOILS ARE ENCOUNTERED.
 - ALL PIPES SHALL BE RESTRAINED PER THE LENGTHS AS CALLED FOR IN THE ABOVE REFERENCED TABLE. THE COSTS FOR THESE RESTRAINED JOINTS SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE PIPE.
 - ANY CALL OUTS AS NOTED ON THE PLANS FOR "TUF GRIP" RESTRAINTS OR "MEGALUGS" ARE IN ADDITION TO THOSE AS NOTED AND CALLED FOR IN THE ABOVE TABLE.

CITY OF WILDWOOD 100 NORTH MAIN STREET WILDWOOD, FLORIDA 34785 (852) 330-1330	NONE 04-03-24	CITY OF WILDWOOD WATER DETAIL MECHANICAL JOINT RESTRAINTS	W-06 2 OF 2
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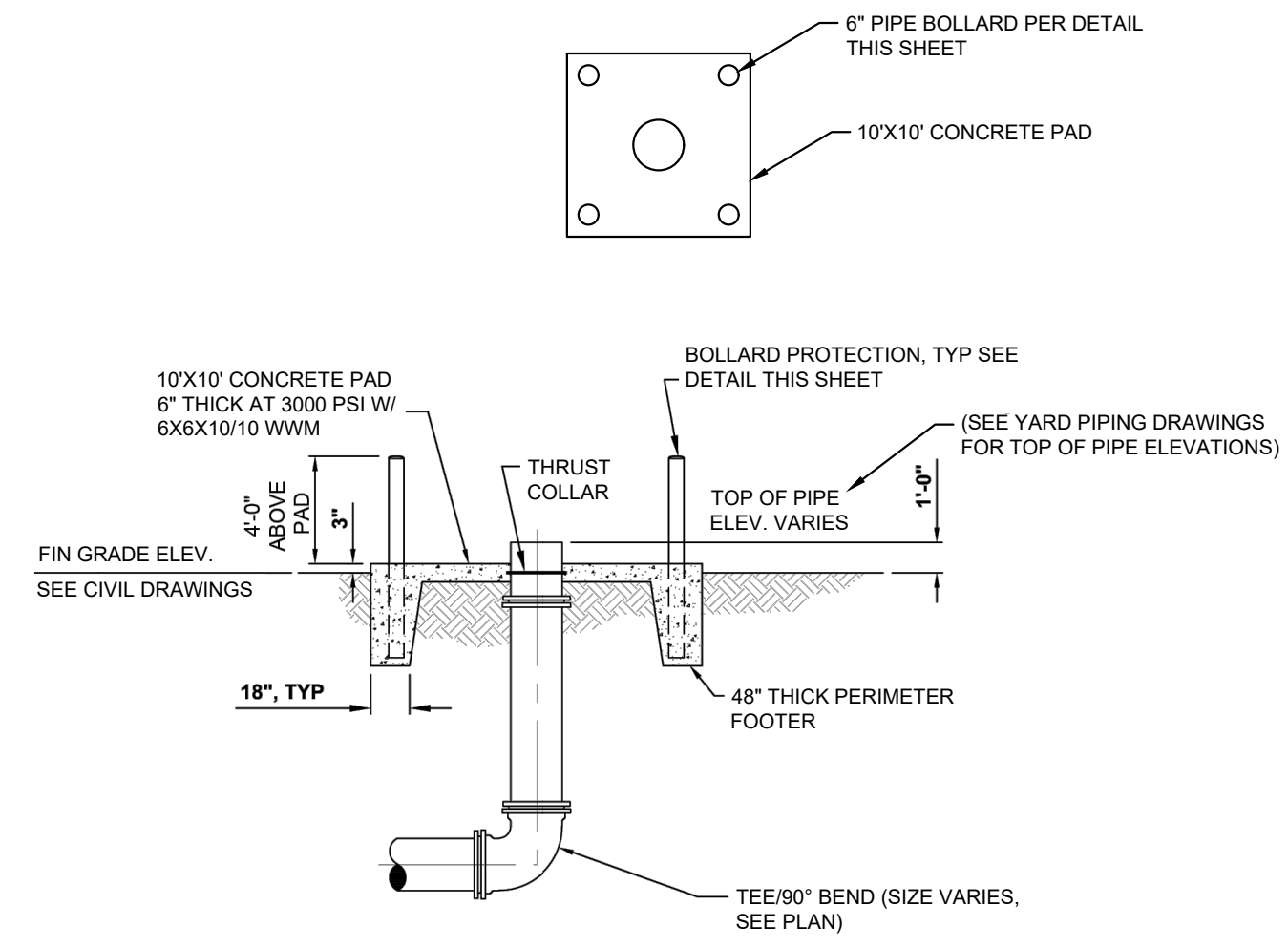


N.T.S.

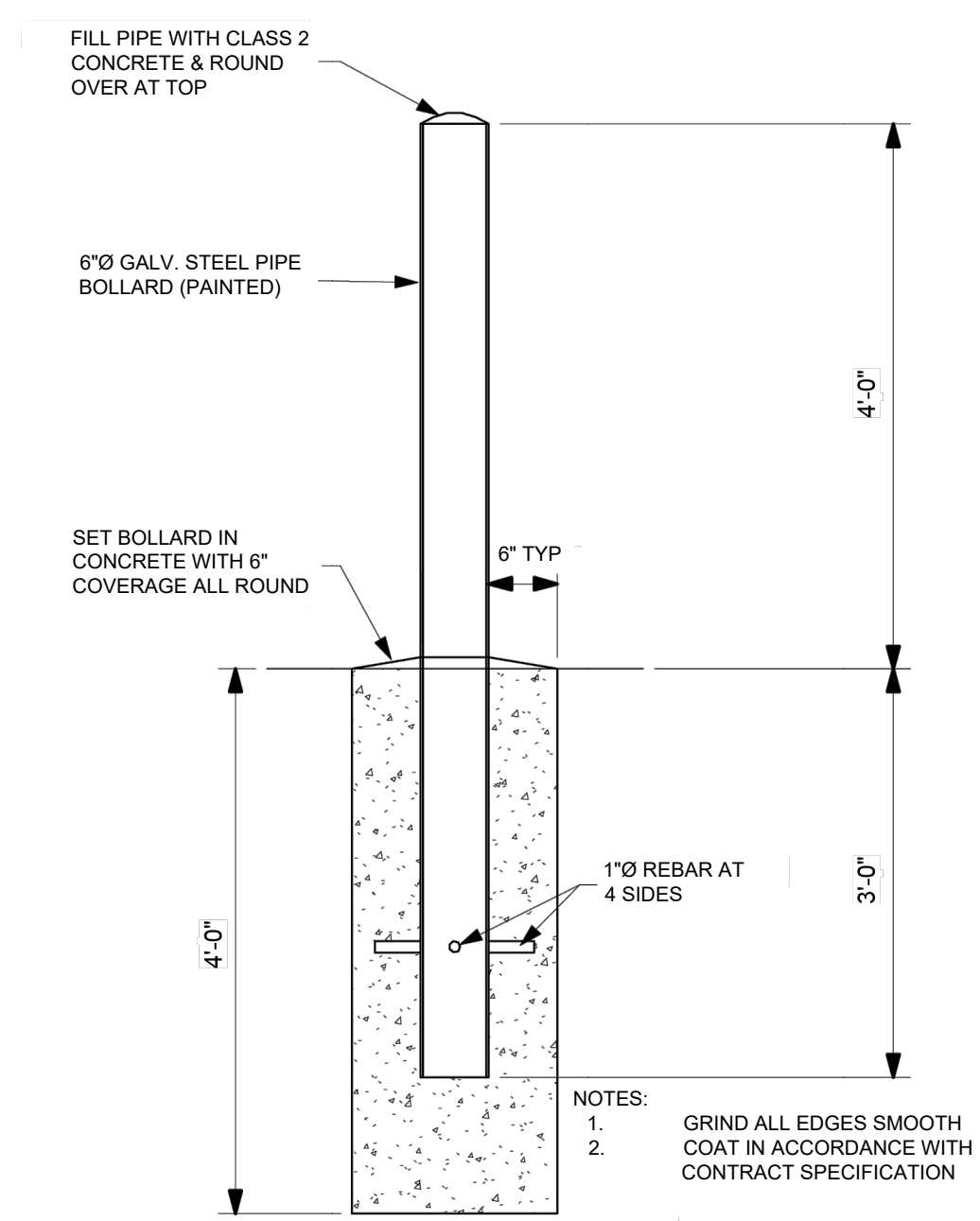
WEIR	"A"	"B"	"L"
WEIR #1	65.0'	64.5'	20'
WEIR #2	67.0'	66.5'	20'
WEIR #3	70.0'	69.5'	20'
WEIR #4	70.0'	69.5'	20'
WEIR #5	70.0'	69.5'	20'
WEIR #6	72.0'	71.5'	20'
WEIR #7	72.0'	71.5'	20'



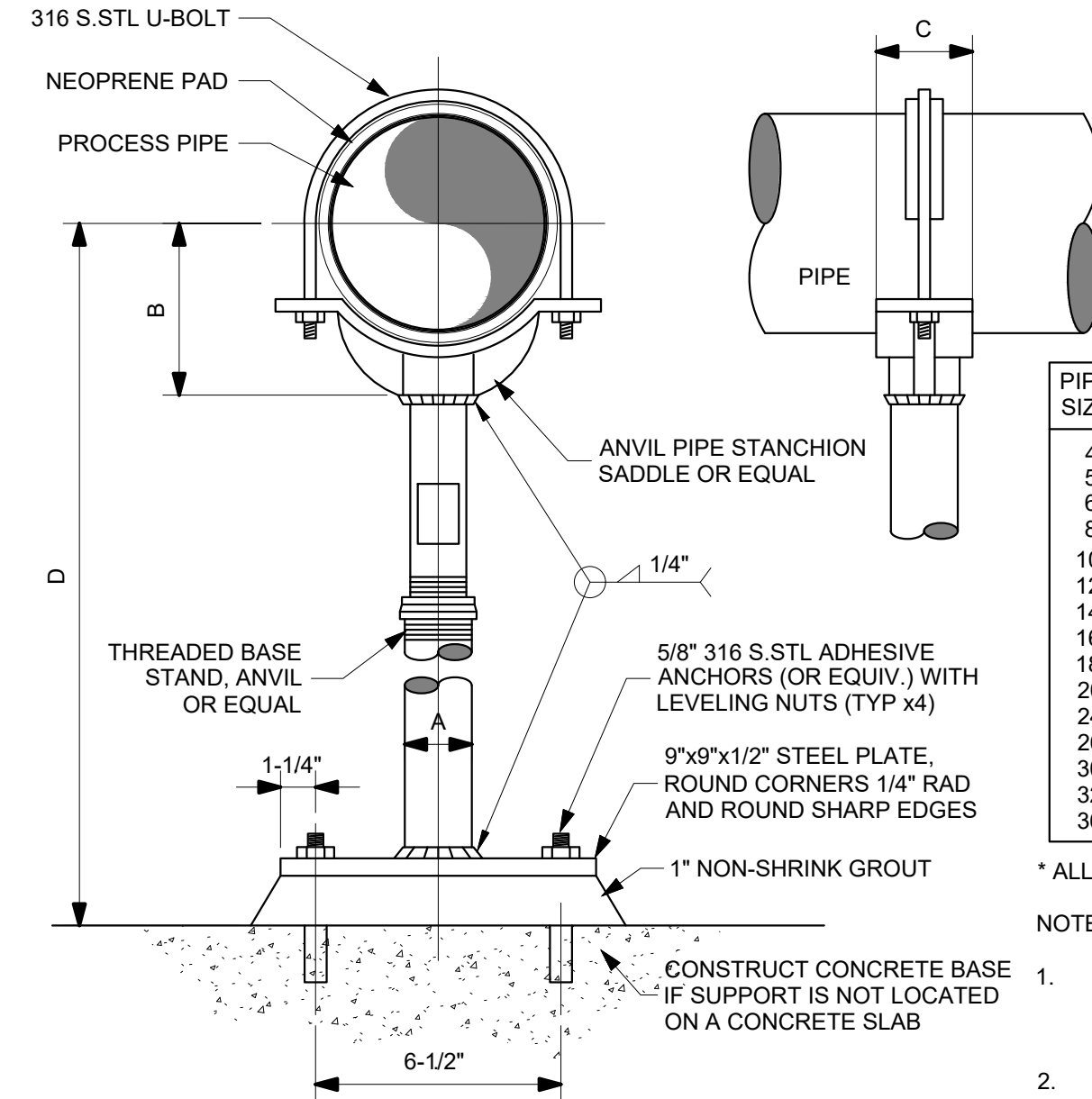
ACTUATED VALVE & VALVE BOX
N.T.S.



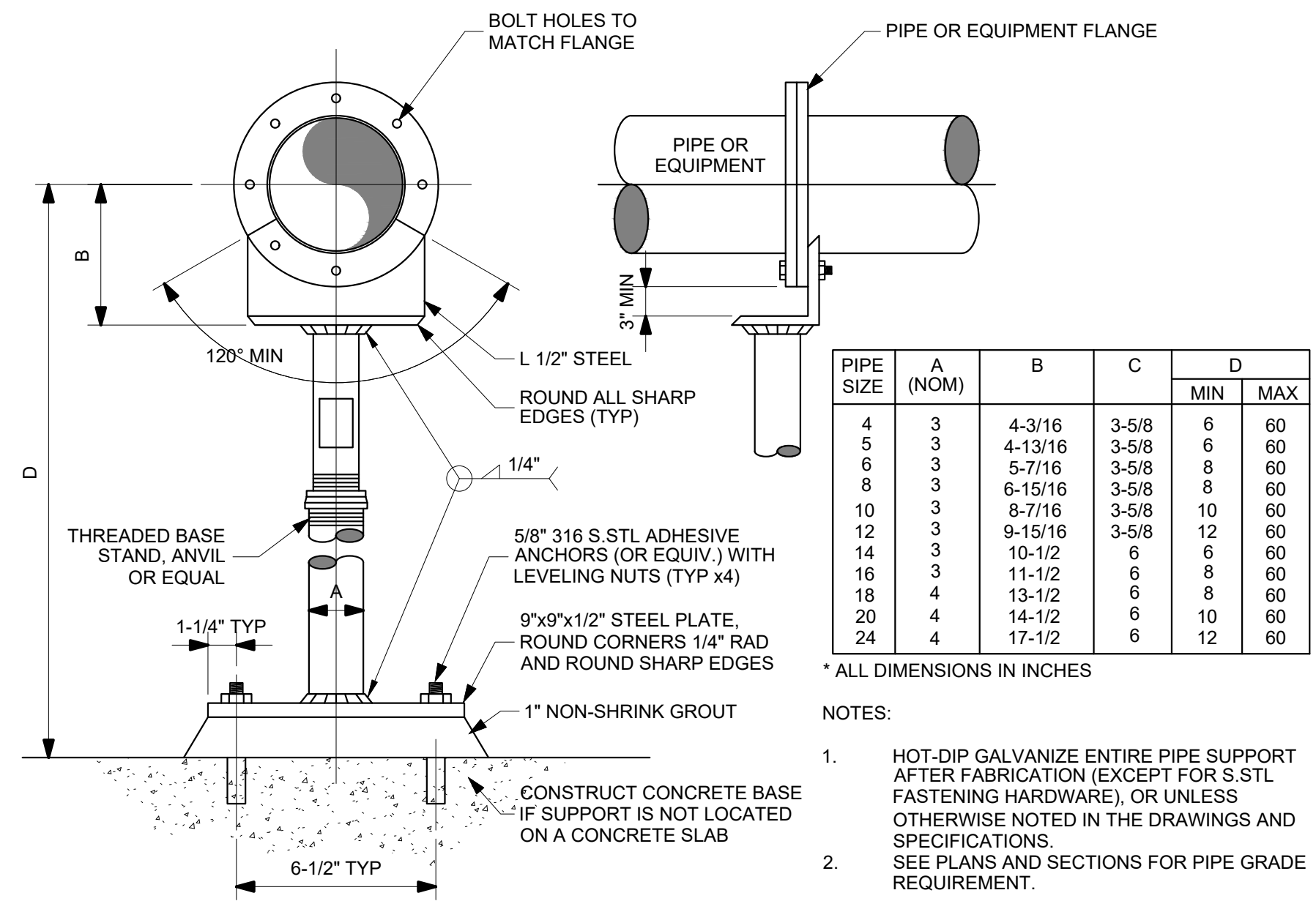
RIB DISCHARGE DETAIL
N.T.S.



CONCRETE FILLED BOLLARD DETAIL



PIPE SUPPORT - STANCHION SADDLE
N.T.S.

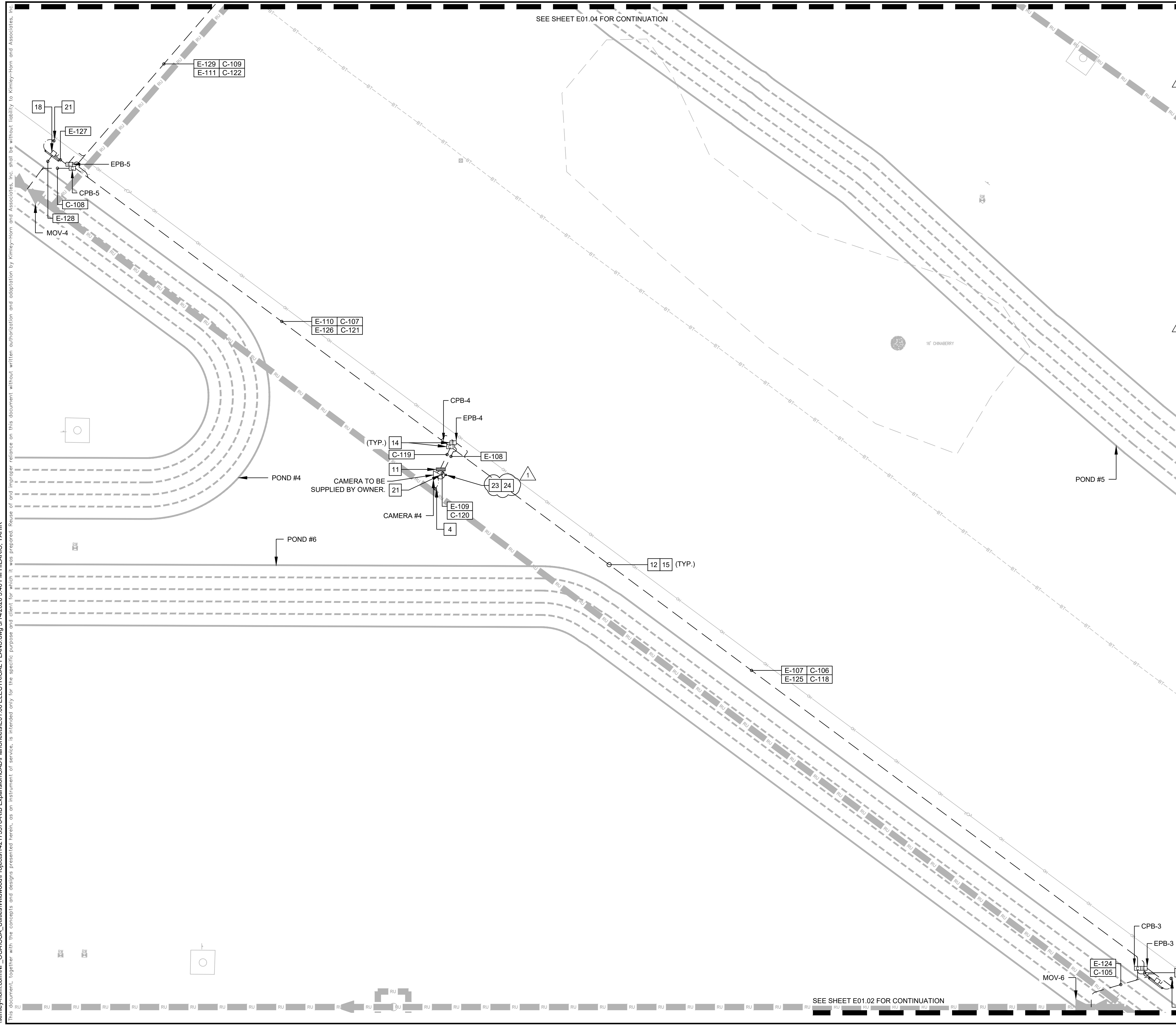


PIPE SUPPORT - STANCHION FLANGE
N.T.S.

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	BID ADDENDUM 3 NOT FOR CONSTRUCTION	REVISIONS No. DATE BY	RIB EXPANSION PREPARED FOR CITY OF WILDWOOD FLORIDA					
SHEET NUMBER C05.01								

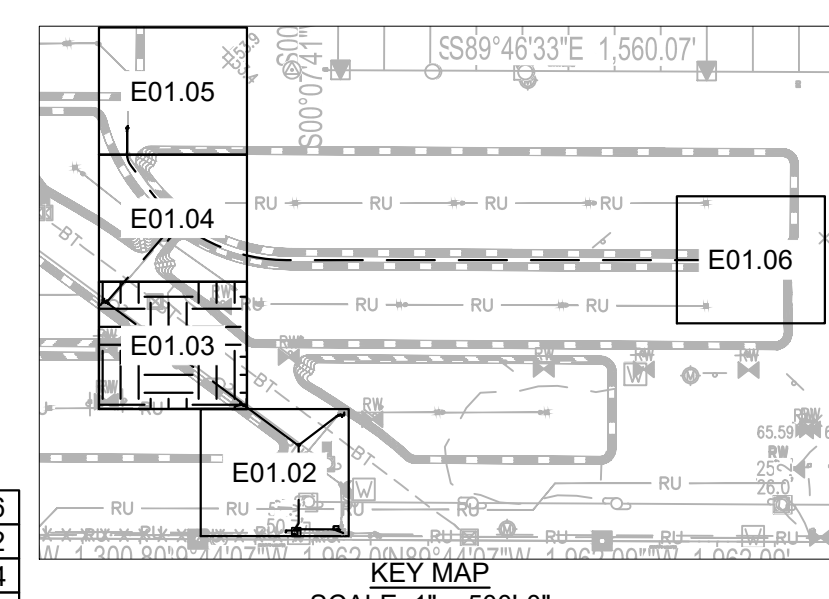
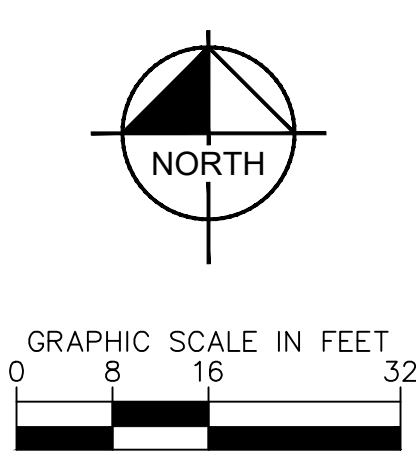
Kimley-Horn.com\NF_OCACOLA_Utilities\Wildwood\Projects\142173576-RIB Expansion\CAD\PlanSheets\E01.00 ELECTRICAL PLANS.dwg 5/14/2026 3:46 PM HILARIO, YAHIR
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SEE SHEET E01.04 FOR CONTINUATION

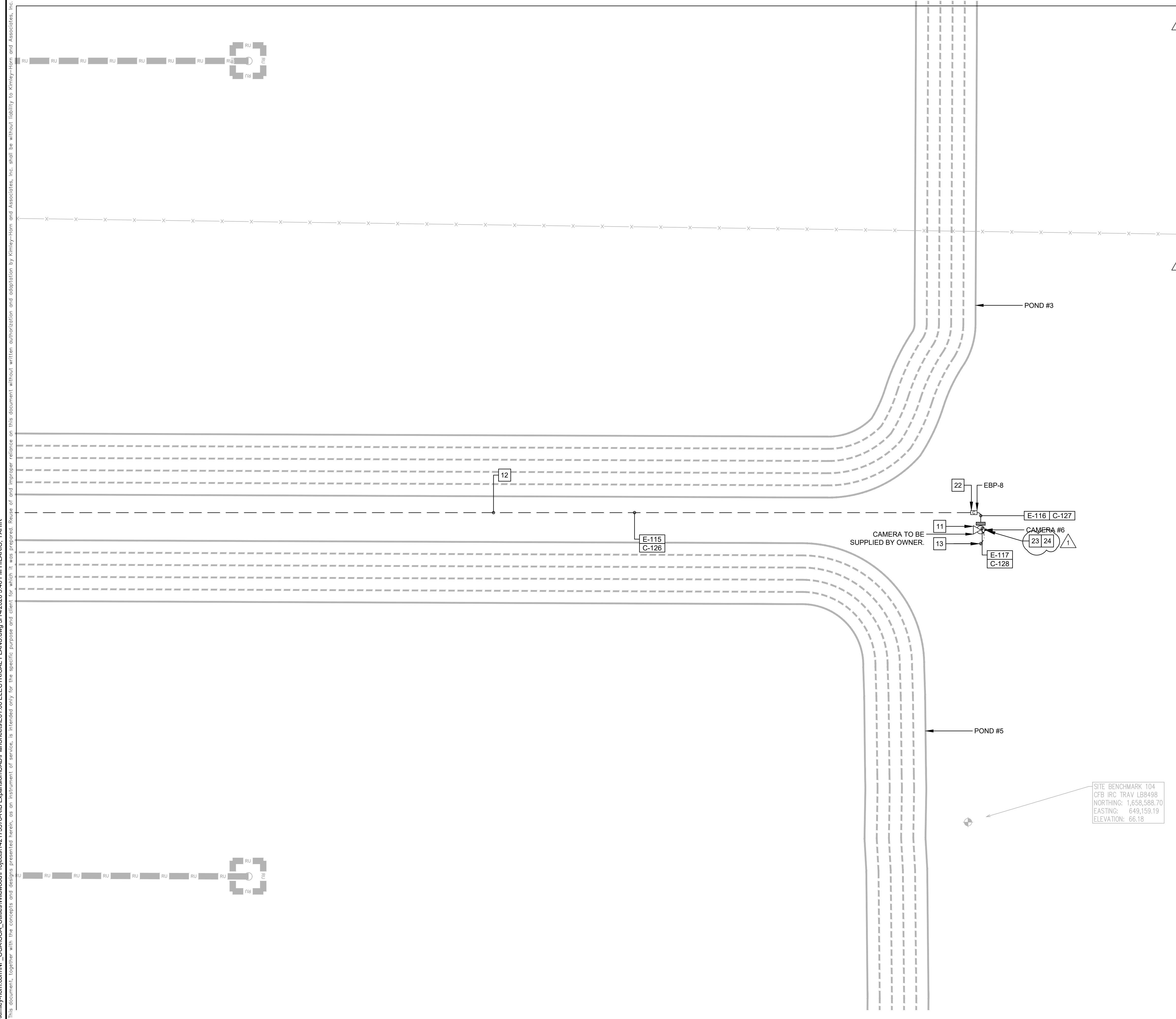
SEE SHEET E01.02 FOR CONTINUATION

- ### ELECTRICAL NOTES
- 4 INSTALL A 3/4" X 10' COPPER (OR COPPER CLAD) GROUND ROD AT THE CAMERA POLE FOUNDATION. BOND THE GROUND ROD TO THE #6 AWG COPPER GROUNDING CONDUCTOR AND CONNECT IT TO THE GROUNDING LUG LOCATED INSIDE THE POLE HAND HOLE. ENSURE THE GROUNDING CONDUCTOR IS ALSO BONDED TO THE FOUNDATION REBAR.
 - 11 PROVIDE 12"x12"x6" NEMA 4X ENCLOSURE FOR FIBER TERMINATION. CONTRACTOR TO PROVIDE OPTICAL TIME-DOMAIN REFLECTOMETER TESTING AND OPTICAL POWER METER (OPM) WITH LIGHT SOURCE TESTING TO CONFIRM INSTALLED FIBER IS CONNECTED AND LESS THAN 20DB LOSS TO FARTHEST CAMERA. CAMERA TO BE SUPPLIED BY OWNER.
 - 12 SEE DETAIL A ON SHEET E02.02 FOR TYPICAL TRENCH DETAIL. SEE SHEET E02.03 FOR CONDUIT/CONDUCTOR INFORMATION.
 - 14 PROVIDE PULLBOX PER DETAIL B ON SHEET E02.02. SIZE PER NEC 314.28(A)(1). PULLBOX TO BE FLUSH WITH GRADE AND CONDUITS TO PENETRATE THROUGH BOTTOM OF BOX.
 - 15 PROVIDE SEPARATE CONDUITS FOR POWER AND CONTROL WIRES TO THE VENDOR CONTROL PANEL, AND SEPARATE COVERED WIREWAYS INTERNALLY FOR WIRES CARRYING DIFFERENT VOLTAGES.
 - 18 PROVIDE 20A, 240V, RACK MOUNTED DISCONNECT.
 - 21 INSTALL A 3/4" X 10' COPPER CLAD GROUND ROD ADJACENT TO THE STRUT SUPPORTING THE DISCONNECT. DRIVE THE GROUND ROD TO A MINIMUM DEPTH OF 30 INCHES BELOW FINISHED GRADE. BOND THE GROUND ROD AND STRUT TO THE DISCONNECT'S EQUIPMENT GROUNDING CONDUCTOR. ENSURE ALL CONNECTIONS ARE SECURE, CORROSION RESISTANT, AND INSPECTED PRIOR TO BACKFILLING.
 - 23 INSTALL SINGLE GANG BOX AT TOP OF POLE WITH WHILE-IN-USE COVER.
 - 24 CONTRACTOR TO PROVIDE AND INSTALL 15' RADIO/CAMERA POLE FOR MOUNTING OF SECURITY CAMERA. POLE TO BE INSTALLED PER MANUFACTURERS INSTALLATION SPECIFICATIONS AND DETAIL.



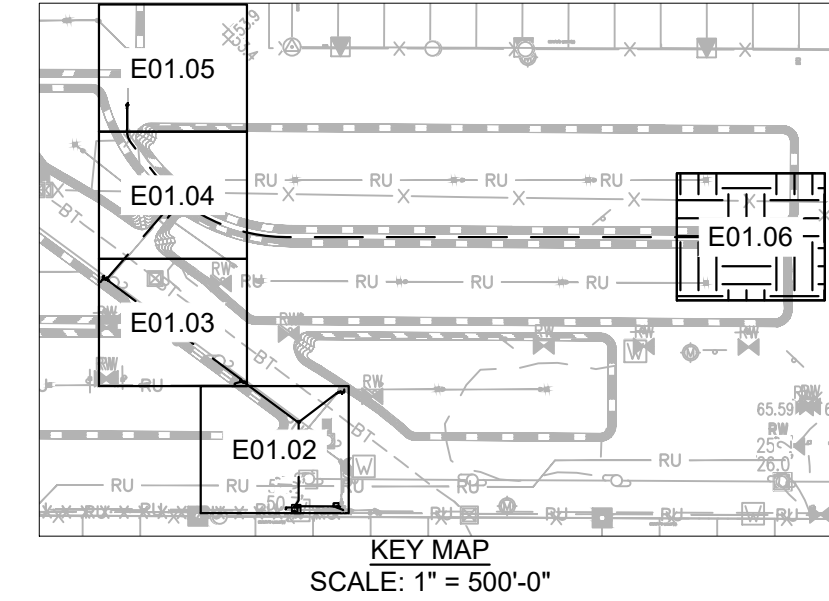
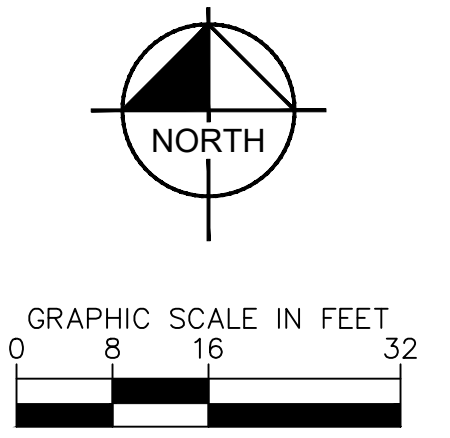
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LICENSED PROFESSIONAL	ERKAN GUNGOR			
DATE	MARCH 2026			
SCALE	AS SHOWN			
DRAWN BY	YSH			
CHECKED BY	EG			
DATE	DATE			
NO.	REVISIONS			
1	BID ADDENDUM			
EG	DATE			
4/6/26	DATE			
ELECTRICAL SITE PLAN (2 OF 5)				
RIB EXPANSION PREPARED FOR CITY OF WILDWOOD FLORIDA				
SHEET NUMBER E01.03				

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- ### ELECTRICAL NOTES
- 11 PROVIDE 12"x12"x6" NEMA 4X ENCLOSURE FOR FIBER TERMINATION. CONTRACTOR TO PROVIDE OPTICAL TIME-DOMAIN REFLECTOMETER TESTING AND OPTICAL POWER METER (OPM) WITH LIGHT SOURCE TESTING TO CONFIRM INSTALLED FIBER IS CONNECTED AND LESS THAN 20dB LOSS TO FARTHEST CAMERA. CAMERA TO BE SUPPLIED BY OWNER.
 - 12 SEE DETAIL A ON SHEET E02.02 FOR TYPICAL TRENCH DETAIL. SEE SHEET E02.03 FOR CONDUIT/CONDUCTOR INFORMATION.
 - 13 PROVIDE CAD WELD TYPE GROUNDING CONNECTION TO SITE GROUNDING ELECTRODE PER SHEET E02.02 DETAIL C. GROUNDING ELECTRODE TO BE GROUND WELL TYPE BOX WITH 10' COPPER GROUND ROD EMBEDDED IN EARTH. CONTRACTOR TO CONFIRM 25 OHM IMPEDANCE TO GROUND UNLESS SECOND GROUND ROD IS PLACED MORE THAN 6' FROM FIRST GROUND ROD. SEE DETAIL E ON SHEET E02.02 FOR GROUND ROD NOT IN WELL. CONTRACTOR TO MAKE NECESSARY BONDS AS REQUIRED BY NEC250.
 - 22 PROVIDE A COMBINATION PULLBOX WITH AN INTERNAL, RIGID DIVIDER TO PHYSICALLY SEPARATE POWER CONDUITS FROM COMMUNICATIONS CONDUITS. DIVIDER SHALL BE NON CONDUCTIVE AND FACTORY INSTALLED OR ENGINEER APPROVED. MAINTAIN FULL PHYSICAL SEPARATION BETWEEN POWER AND COMMUNICATIONS COMPARTMENTS, WITH EACH HAVING INDEPENDENT CONDUIT ENTRIES AND TERMINATIONS. ALL SPLICES, TERMINATIONS, AND FUTURE PATHWAYS SHALL REMAIN ENTIRELY WITHIN THEIR RESPECTIVE COMPARTMENTS.
 - 23 INSTALL SINGLE GANG BOX AT TOP OF POLE WITH WHILE-IN-USE COVER.
 - 24 CONTRACTOR TO PROVIDE AND INSTALL 15' RADIO/CAMERA POLE FOR MOUNTING OF SECURITY CAMERA. POLE TO BE INSTALLED PER MANUFACTURERS INSTALLATION SPECIFICATIONS AND DETAIL.

SITE BENCHMARK 104
 CFB IRC TRAV LB8498
 NORTHING: 1,656,588.70
 EASTING: 649,159.19
 ELEVATION: 66.18



No.	REVISIONS	DATE	BY
1	BID ADDENDUM	4/6/26	EG

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KHA PROJECT	142173576
DATE	MARCH 2026
SCALE	AS SHOWN
DESIGNED BY	YSH
DRAWN BY	YSH
CHECKED BY	EG
LICENSED PROFESSIONAL	ERKAN GUNGOR
FLORIDA LICENSE NUMBER	XXXXXX

ELECTRICAL SITE PLAN (5 OF 5)

RIB EXPANSION
 PREPARED FOR
CITY OF WILDWOOD
 FLORIDA

SHEET NUMBER
E01.06

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CONDUIT SCHEDULE						
CONDUIT TAG	CONDUIT TYPE	CONDUIT SIZE	FROM	TO	CONDUCTOR (EACH CONDUIT)	COMMENTS
E-101	UG. SCHED 40 PVC AG. RGS	3"	METER	LP-1	(3) #3/0 AWG + (1) #6 AWG	SITE POWER
E-102	RGS	1.5"	LP-1	SCADA PANEL	(4) #10 AWG + (1) #10 GND	POWER FOR POE NETWORK SWITCH AND PLC/UPS
E-103	UG. SCHED 40 PVC AG. RGS	1"	LP-1	FM-01	(2) #12 AWG + (1) #12 GND	POWER FOR FLOW METER
E-104	UG. SCHED 40 PVC AG. RGS	1"	LP-1	LOCAL LIGHT	(2) #12 AWG + (1) #12 GND	POWER FOR LOCAL LIGHT
E-105	UG. SCHED 40 PVC AG. RGS	1.5"	LP-1	EPB-1	(6) #10 AWG + (1) #10 GND	POWER FOR CAMERAS AND CONVERTER #s 4, 5, 6
E-106	UG. SCHED 40 PVC	1.5"	EPB-1	EPB-3	(6) #10 AWG + (1) #10 GND	POWER FOR CAMERAS AND CONVERTER #s 4, 5, 6
E-107	UG. SCHED 40 PVC	1.5"	EPB-3	EPB-4	(6) #10 AWG + (1) #10 GND	POWER FOR CAMERAS AND CONVERTER #s 4, 5, 6
E-108	UG. SCHED 40 PVC AG. RGS	1"	EPB-4	CAMERA #4 POLE ENCLOSURE	(2) #10 AWG + (1) #10 GND	POWER FOR CAMERA AND CONVERTER #4
E-109	AG. RGS	1"	CAMERA #4 POLE ENCLOSURE	SINGLE GANG BOX	(2) #12 AWG + (1) #12 GND	POWER FOR CAMERA #4
E-110	UG. SCHED 40 PVC	1"	EPB-4	EPB-5	(4) #10 AWG + (1) #10 GND	POWER FOR CAMERAS AND CONVERTER #s 4, 5, 6
E-111	UG. SCHED 40 PVC	1"	EPB-5	EPB-6	(4) #10 AWG + (1) #10 GND	POWER FOR CAMERAS AND CONVERTER #s 4, 5, 6
E-112	UG. SCHED 40 PVC	1"	EPB-6	EPB-7	(2) #10 AWG + (1) #10 GND	POWER FOR CAMERA AND CONVERTER #5
E-113	UG. SCHED 40 PVC AG. RGS	1"	EPB-7	CAMERA #5 POLE ENCLOSURE	(2) #10 AWG + (1) #10 GND	POWER FOR CAMERA AND CONVERTER #5
E-114	AG. RGS	1"	CAMERA #5 POLE ENCLOSURE	SINGLE GANG BOX	(2) #12 AWG + (1) #12 GND	POWER FOR CAMERA #5
E-115	UG. SCHED 40 PVC	1"	EPB-6	EPB-8	(2) #10 AWG + (1) #10 GND	POWER FOR CAMERA AND CONVERTER #6
E-116	UG. SCHED 40 PVC AG. RGS	1"	EPB-8	CAMERA #6 POLE ENCLOSURE	(2) #10 AWG + (1) #10 GND	POWER FOR CAMERA AND CONVERTER #6
E-117	AG. RGS	1"	CAMERA #6 POLE ENCLOSURE	SINGLE GANG BOX	(2) #12 AWG + (1) #12 GND	POWER FOR CAMERA #6
E-118	UG. SCHED 40 PVC AG. RGS	1.5"	LP-1	EPB-1	(14) #10 AWG + (1) #10 GND	POWER FOR MOV-1, MOV-2, MOV-3, MOV-4, MOV-5, MOV-6, MOV-7
E-119	UG. SCHED 40 PVC	1"	EPB-1	EPB-2	(2) #10 AWG + (1) #10 GND	MOV-7 POWER
E-120	UG. SCHED 40 PVC AG. RGS	1"	EPB-2	MOV-7 DISCONNECT	(2) #10 AWG + (1) #10 GND	MOV-7 POWER
E-121	LFMC	1"	MOV-7 DISCONNECT	MOV-7	(2) #10 AWG + (1) #10 GND	MOV-7 POWER
E-122	UG. SCHED 40 PVC	1.5"	EPB-1	EPB-3	(12) #10 AWG + (1) #10 GND	POWER FOR MOV-1, MOV-2, MOV-3, MOV-4, MOV-5, MOV-6
E-123	UG. SCHED 40 PVC AG. RGS	1"	EPB-3	MOV-6 DISCONNECT	(2) #10 AWG + (1) #10 GND	MOV-6 POWER
E-124	LFMC	1"	MOV-6 DISCONNECT	MOV-6	(2) #10 AWG + (1) #10 GND	MOV-6 POWER
E-125	UG. SCHED 40 PVC	1.5"	EPB-3	EPB-4	(10) #10 AWG + (1) #10 GND	POWER FOR MOV-1, MOV-2, MOV-3, MOV-4, MOV-5
E-126	UG. SCHED 40 PVC	1.5"	EPB-4	EPB-5	(10) #10 AWG + (1) #10 GND	POWER FOR MOV-1, MOV-2, MOV-3, MOV-4, MOV-5
E-127	UG. SCHED 40 PVC AG. RGS	1"	EPB-5	MOV-4 DISCONNECT	(2) #10 AWG + (1) #10 GND	MOV-4 POWER
E-128	LFMC	1"	MOV-4 DISCONNECT	MOV-4	(2) #10 AWG + (1) #10 GND	MOV-4 POWER
E-129	UG. SCHED 40 PVC	1.5"	EPB-5	EPB-6	(8) #10 AWG + (1) #10 GND	POWER FOR MOV-1, MOV-2, MOV-3, MOV-5
E-130	UG. SCHED 40 PVC AG. RGS	1"	EPB-6	MOV-1 DISCONNECT	(2) #12 AWG + (1) #12 GND	MOV-1 POWER
E-131	LFMC	1"	MOV-1 DISCONNECT	MOV-1	(2) #12 AWG + (1) #12 GND	MOV-1 POWER
E-132	UG. SCHED 40 PVC AG. RGS	1"	EPB-6	MOV-2 DISCONNECT	(2) #12 AWG + (1) #12 GND	MOV-2 POWER
E-133	LFMC	1"	MOV-2 DISCONNECT	MOV-2	(2) #12 AWG + (1) #12 GND	MOV-2 POWER
E-134	UG. SCHED 40 PVC AG. RGS	1"	EPB-6	MOV-3 DISCONNECT	(2) #12 AWG + (1) #12 GND	MOV-3 POWER
E-135	LFMC	1"	MOV-3 DISCONNECT	MOV-3	(2) #12 AWG + (1) #12 GND	MOV-3 POWER
E-136	UG. SCHED 40 PVC AG. RGS	1"	EPB-6	MOV-5 DISCONNECT	(2) #12 AWG + (1) #12 GND	MOV-5 POWER
E-137	LFMC	1"	MOV-5 DISCONNECT	MOV-5	(2) #12 AWG + (1) #12 GND	MOV-5 POWER
E-138	UG. SCHED 40 PVC AG. RGS	1"	LP-1	MOV-8 DISCONNECT	(2) #12 AWG + (1) #12 GND	MOV-8 POWER
E-139	LFMC	1"	MOV-8 DISCONNECT	MOV-8	(2) #12 AWG + (1) #12 GND	MOV-8 POWER
E-140	UG. SCHED 40 PVC AG. RGS	1"	LP-1	MOV-9 DISCONNECT	(2) #12 AWG + (1) #12 GND	MOV-9 POWER
E-141	LFMC	1"	MOV-9 DISCONNECT	MOV-9	(2) #10 AWG + (1) #10 GND	MOV-9 POWER

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N.T.S.

C-101	UG. SCHED 40 PVC AG. RGS	2"	SCADA PANEL	CPB-1	35-PR #16 AWG	SIGNALS FOR MOV-1, MOV-2, MOV-3, MOV-4, MOV-5, MOV-6, MOV-7
C-102	UG. SCHED 40 PVC	2"	CPB-1	CPB-2	35-PR #16 AWG	SIGNALS FOR MOV-1, MOV-2, MOV-3, MOV-4, MOV-5, MOV-6, MOV-7
C-103	UG. SCHED 40 PVC AG @ VALVE: LFMC	1"	CPB-2	MOV-7	5-PR #16 AWG	MOV-7 SIGNALS
C-104	UG. SCHED 40 PVC	2"	CPB-1	CPB-3	30-PR #16 AWG	SIGNALS FOR MOV-1, MOV-2, MOV-3, MOV-4, MOV-5, MOV-6
C-105	UG. SCHED 40 PVC AG @ VALVE: LFMC	1"	CPB-3	MOV-6	5-PR #16 AWG	MOV-6 SIGNALS
C-106	UG. SCHED 40 PVC		CPB-3	CPB-4	25-PR #16 AWG	SIGNALS FOR MOV-1, MOV-2, MOV-3, MOV-4, MOV-5
C-107	UG. SCHED 40 PVC		CPB-4	CPB-5	25-PR #16 AWG	SIGNALS FOR MOV-1, MOV-2, MOV-3, MOV-4, MOV-5
C-108	UG. SCHED 40 PVC AG @ VALVE: LFMC	1"	CPB-5	MOV-4	5-PR #16 AWG	MOV-4 SIGNALS
C-109	UG. SCHED 40 PVC AG @ VALVE: LFMC		CPB-5	CPB-6	20-PR #16 AWG	SIGNALS FOR MOV-1, MOV-2, MOV-3, MOV-5
C-110	UG. SCHED 40 PVC AG @ VALVE: LFMC	1"	CPB-6	MOV-1	5-PR #16 AWG	MOV-1 SIGNALS
C-111	UG. SCHED 40 PVC AG @ VALVE: LFMC	1"	CPB-6	MOV-2	5-PR #16 AWG	MOV-2 SIGNALS
C-112	UG. SCHED 40 PVC AG @ VALVE: LFMC	1"	CPB-6	MOV-3	5-PR #16 AWG	MOV-3 SIGNALS
C-113	UG. SCHED 40 PVC AG @ VALVE: LFMC	1"	CPB-6	MOV-5	5-PR #16 AWG	MOV-5 SIGNALS
C-114	UG. SCHED 40 PVC AG. RGS	1"	SCADA PANEL	MOV-8	5-PR #16 AWG	MOV-8 SIGNALS
C-115	UG. SCHED 40 PVC AG @ VALVE: LFMC	1"	SCADA PANEL	MOV-9	5-PR #16 AWG	MOV-9 SIGNALS
C-116	UG. SCHED 40 PVC AG. RGS	1.5"	SCADA PANEL	CPB-1		CORNING 6-STRAND SINGLEMODE ARMORED FIBER OPTIC CABLE (PART NUMBER: 008EUC-T4101D20) OR APPROVED EQUAL. FIBER TO CAMERA #s 4, 5, AND 6
C-117	UG. SCHED 40 PVC	1.5"	CPB-1	CPB-3		CORNING 6-STRAND SINGLEMODE ARMORED FIBER OPTIC CABLE (PART NUMBER: 008EUC-T4101D20) OR APPROVED EQUAL. FIBER TO CAMERA #s 4, 5, AND 6
C-118	UG. SCHED 40 PVC	1.5"	CPB-3	CPB-4		CORNING 6-STRAND SINGLEMODE ARMORED FIBER OPTIC CABLE (PART NUMBER: 008EUC-T4101D20) OR APPROVED EQUAL. FIBER TO CAMERA #s 4, 5, AND 6
C-119	UG. SCHED 40 PVC AG. RGS	1"	CPB-4	CAMERA #4 POLE ENCLOSURE		CORNING 6-STRAND SINGLEMODE ARMORED FIBER OPTIC CABLE (PART NUMBER: 008EUC-T4101D20) OR APPROVED EQUAL. CONVERT TO ETHERNET AT CAMERA POLE ENCLOSURE
C-120	RGS	1"	CAMERA #4 POLE ENCLOSURE	CAMERA #4		BY OTHERS PER SECURITY CONTRACTOR
C-121	UG. SCHED 40 PVC	1"	CPB-4	CPB-5		CORNING 6-STRAND SINGLEMODE ARMORED FIBER OPTIC CABLE (PART NUMBER: 008EUC-T4101D20) OR APPROVED EQUAL. FIBER TO CAMERA #s 5, AND 6
C-122	UG. SCHED 40 PVC	1"	CPB-5	CPB-6		CORNING 6-STRAND SINGLEMODE ARMORED FIBER OPTIC CABLE (PART NUMBER: 008EUC-T4101D20) OR APPROVED EQUAL. FIBER TO CAMERA #s 5, AND 6
C-123	UG. SCHED 40 PVC	1"	CPB-6	EPB-7		CORNING 6-STRAND SINGLEMODE ARMORED FIBER OPTIC CABLE (PART NUMBER: 008EUC-T4101D20) OR APPROVED EQUAL. FIBER TO CAMERA #5
C-124	UG. SCHED 40 PVC AG. RGS	1"	EPB-7	CAMERA #5 POLE ENCLOSURE		CORNING 6-STRAND SINGLEMODE ARMORED FIBER OPTIC CABLE (PART NUMBER: 008EUC-T4101D20) OR APPROVED EQUAL. CONVERT TO ETHERNET AT CAMERA POLE ENCLOSURE
C-125	RGS	1"	CAMERA #5 POLE ENCLOSURE	CAMERA #5		BY OTHERS PER SECURITY CONTRACTOR
C-126	UG. SCHED 40 PVC	1"	CPB-6	EPB-8		CORNING 6-STRAND SINGLEMODE ARMORED FIBER OPTIC CABLE (PART NUMBER: 008EUC-T4101D20) OR APPROVED EQUAL. FIBER TO CAMERA #6
C-127	UG. SCHED 40 PVC AG. RGS	1"	EPB-8	CAMERA #6 POLE ENCLOSURE		CORNING 6-STRAND SINGLEMODE ARMORED FIBER OPTIC CABLE (PART NUMBER: 008EUC-T4101D20) OR APPROVED EQUAL. CONVERT TO ETHERNET AT CAMERA POLE ENCLOSURE
C-128	RGS	1"	CAMERA #6 POLE ENCLOSURE	CAMERA #6		BY OTHERS PER SECURITY CONTRACTOR
C-129	UG. SCHED 40 PVC AG @ FM-01: LFMC	1"	SCADA PANEL	FM-01	1-PR #14 AWG TSP + 3-PR #14 AWG	FLOW METER SIGNALS
C-130	UG. SCHED 40 PVC AG. RGS	1.5"	SCADA PANEL	CAMERA #1, #2, #3	3-CAT-6	POWER OVER ETHERNET TO EACH CAMERA ON POLE

EG	BY	DATE
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Kimley-Horn
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KHA PROJECT: 142173576
 DATE: MARCH 2026
 SCALE: AS SHOWN
 DESIGNED BY: YSH
 DRAWN BY: YSH
 CHECKED BY: EG
 LICENSED PROFESSIONAL: ERKAN GUNGOR
 FLORIDA LICENSE NUMBER: XXXXX

**ELECTRICAL
 DETAILS (3 OF 3)**

**RIB EXPANSION
 PREPARED FOR
 CITY OF WILDWOOD**
 FLORIDA

SHEET NUMBER
E02.03