



Florida Municipal Power Agency

REQUEST FOR PROPOSALS

FOR

TREASURE COAST ENERGY CENTER

ISO-PHASE BUS PREVENTATIVE MAINTENANCE

SERVICES

Florida Municipal Power Agency
8553 Commodity Circle
Orlando, Florida 32819-9002
(407) 355-7767 Fax (407) 355-5796

REQUEST FOR PROPOSALS

(This is not an order)

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N
Florida Municipal Power Agency
Orlando, Florida 32819
Attn: Sharon Samuels

RFP FMPA 2026-202

Date Issued: April 22, 2026

Telephone: (407) 355-7767

SEALED PROPOSALS MUST PHYSICALLY BE IN THE FLORIDA MUNICIPAL POWER AGENCY OFFICE PRIOR TO PROPOSAL OPENING AT **10:00 A.M. EST ON JUNE 4, 2026**, WHICH WILL BE IN THE FMPA FIRST FLOOR CONFERENCE ROOM LOCATED IN THE FMPA BUILDING AT 8553 COMMODITY CIRCLE, ORLANDO, FLORIDA 32819.

- Proposals shall be submitted electronically via Vendor Link or submitted physically at the FMPA office in Orlando. Forms provided in the RFP must be signed; DocuSign/ReadySign secure signatures are acceptable forms of signature.
- Proposals received after the opening date and time may be rejected and returned unopened.
- The attached Request for Proposals shall become part of any purchase order resulting from this Request for Proposal.

DESCRIPTION

April 2026

**Florida Municipal Power Agency
Request for Proposals for
Treasure Coast Energy Center
ISO-Phase Bus Preventative Maintenance Services**

See attached Request for Proposals, General Conditions, Specifications, and Proposal Forms for detailed description.

It is the intent and purpose of the Florida Municipal Power Agency that this Request for Proposal promotes competitive bidding. It shall be the proposer's responsibility to advise if any language, requirements, etc. or any combination thereof, inadvertently restricts or limits the requirements stated in this Request for Proposal to a single source. Such notification must be submitted in writing and must be received by not later than ten (10) days prior to the proposal opening date.

ADVERTISEMENT

Proposal For

April 2026

**FLORIDA MUNICIPAL POWER AGENCY
REQUEST FOR PROPOSALS FOR
TREASURE COAST ENERGY CENTER
ISO-PHASE BUS PREVENTATIVE MAINTENANCE SERVICES**

**REQUEST FOR PROPOSALS
FMPA 2026-202**

Sealed proposals will be received by the Florida Municipal Power Agency (FMPA), 8553 Commodity Circle, Orlando, Florida 32819 until **10:00 A.M. EST ON JUNE 4, 2026**, when at that time Proposals will be opened publicly by a FMPA representative.

The proposal is for the Treasure Coast Energy Center (TCEC) ISO-Phase Bus Preventative Maintenance Services as more fully described in the Request for Proposals package.

RFP packages for this project may be obtained from FMPA at the above address, by telephone (407) 355-7767, via e-mail request to bidinfo@fmipa.com, via Internet download at www.fmipa.com, or via <https://myvendorlink.com>

No proposal may be altered, withdrawn, or resubmitted after the scheduled closing time for receipt of proposals, except as otherwise permitted in the RFP package. Proposals received after the day and time stated above will not be considered.

Proposals will be accepted for ISO-Phase Bus Preventative Maintenance Services from companies who have established, through demonstrated expertise and experience, that they are qualified to provide the services as specified.

The Florida Municipal Power Agency reserves the right to reject any and all proposals in total or in part and to waive defects in proposals.

Jacob Williams
General Manager and CEO
Florida Municipal Power Agency

FLORIDA MUNICIPAL POWER AGENCY
Request for Proposals for
TREASURE COAST ENERGY CENTER
ISO-PHASE BUS PREVENTATIVE MAINTENANCE SERVICES

1. FMPA Description

Formed by Florida's municipal electric utilities in February 1978, the Florida Municipal Power Agency (FMPA or the Agency) is a non-profit, governmental, wholesale electric utilities company created to serve the needs of municipal electric utilities in Florida. All 33 municipal systems in the State are FMPA members who participate at varying levels in Agency activities.

2. Introduction - General Description of Services Sought

Florida Municipal Power Agency, (FMPA/Owner) invites proposals from qualified contractors to perform preventive maintenance, inspection, cleaning, and electrical testing of the Iso-Phase Bus (IPB) systems serving the Steam Turbine Generator (STG) and Combustion Turbine Generator (CTG) at Treasure Coast Energy Center, 4545 Energy Lane, Fort Pierce, FL 34981. FMPA may request the same services be performed at other FMPA sites throughout the state. A list of our other sites can be found in Section 39. The term shall be for five (5) calendar years with the option to extend by mutual agreement.

Based on the relevant previous experience, your company has been selected to receive this RFP and is invited to submit a proposal to supply the work described herein.

MATERIALS

All materials shall comply with engineering plans provided herein.

3. Overview

Upon selection of the awarded Contractor(s), FMPA will enter into a Master Agreement specifying terms and conditions. FMPA will issue a Purchase Order with project-specific technical specifications.

The submission of a proposal implies a general acceptance on the part of the bidder of the terms of this RFP, form of contract, and especially of those parts establishing warranties and guarantees.

4. Purchasing Services

Subsequent to the award, FMPA shall issue Purchase Orders to the Contractor(s) awarded the agreement pursuant to this Request for Proposal.

5. Indemnity

After notification of award, the successful bidder shall indemnify and save harmless FMPA from and against all claims, suits, actions, damages, or causes or action arising during the terms of the resulting agreement for any personal injury, loss of life, or damage to property sustained by reason of a result of the performance of the services or delivery of goods for which the resulting agreement was entered into, or its agents, employees, invitees, and all other persons, and for and against any orders, judgements, or decrees, which may be entered thereto, and from and against all costs, attorney's fees, expenses and liabilities incurred in or by reason the defense of any such claim, suit or action, and the investigation therefore.

Nothing in the award, resulting agreement, contract or Purchase Order shall be deemed to affect the rights, privileges and immunities of FMPA as set forth in Florida Statute 768.28.

The successful bidder(s) covenants and agrees to indemnify and save harmless FMPA and to defend from all cost, expenses, damages, attorney's fees, injury or loss to which FMPA may be subjected by any person, firm, corporation, or organization by reason of any wrongdoing, misconduct, want, or need of care or skill, negligence or default or breach of contract, guaranty, or warranty, by the successful bidder(s), his employees, his agents or assigns.

6. Notice to Proposers

Sealed response packages, either via Vendor Link (<https://myvendorlink.com>) or hardcopies in sealed envelopes, will be received until **10:00 A.M. EST ON JUNE 4, 2026** ("Proposal Due Date") at the offices of the Florida Municipal Power Agency, 8553 Commodity Circle, Orlando, FL, 32819 at which time the bids will be opened and logged publicly in the 1st floor Conference Room.

Each proposer is required to submit a Proposer Information Form (included in this RFP package), other forms included in this package as appropriate, and all other information necessary to allow a complete evaluation of the proposal. Registered proposers will be notified through the issue of RFP addenda of any change in the Proposal Due Date or other necessary revision to information contained in this RFP. FMPA reserves the right to reject all proposals received after the Proposal Due Date and time.

Directions for Vendor Link submissions:

Register on Vendor Link at <https://myvendorlink.com> prior to submittal date. Download the RFP, and complete the required forms. Upload your submittal, required forms and attachments to Vendor Link. Emailed submissions will not be accepted.

Directions for Hardcopy submissions:

Hardcopy submissions shall be clearly marked on the outside of the sealed envelope "RFP# 2026-202, TCEC ISO-Phase Maintenance". Emailed submissions will not be accepted.

7. Duration of Offer

Proposals submitted in response to this RFP are irrevocable 120 days, unless withdrawn or modified as provided in Section 16 below. This period may be extended at FMPA's request only by written agreement of the proposer. The content of this RFP and the proposal of the successful proposer will be included by reference in any resulting contract.

8. Right of Rejection

This RFP is not an offer establishing any contractual rights. This solicitation is solely an invitation to submit proposals.

FMPA reserves the right to:

- Reject any and all proposals received in response to this RFP;
- Waive any requirement in this RFP;

- Waive any irregularities, regardless of the severity
- Not disclose the reason for rejecting a proposal;
- Not select the proposal with the lowest price; and
- Seek and reflect clarifications to proposals.
- Negotiate with the selected bidder in the event that the price exceeds available funds.
- If performance issues with Awarded Bidder; FMPA moves to next best evaluated bidder to complete work.
- Award to more than one bidder.
- Select the proposal that is in the best interest of FMPA

9. **Proposal Contents**

The submission of a proposal implies a general acceptance on the part of the bidder of the terms of this form of contract, and especially of those parts establishing warranties and guarantees

The proposal should include a description of the firm's capabilities and experience with providing the requested services, including a description of any special qualifications which are indicative of working familiarity with similar projects.

The following information must be included:

1. Demonstration of first-hand experience in providing similar services to those requested in this RFP;
2. Description of the resources available, including staffing levels, qualifications of key personnel who will be performing the work, equipment and capabilities; and locations of offices;
3. Proof of Insurance coverage;
4. Proof of licenses and certifications;
5. Safety protocols;
6. A schedule for the work, including the range of start dates to which your firm is prepared to commit to and anticipated completion dates.
7. General description of how projects will be staffed, managed, and completed, including project management and invoicing;
8. Identification of any work or services that may be provided by a subcontractor. Bidder shall provide information similar to that above concerning subcontractor's equipment, personnel, and qualifications; including a minimum of two (2) reference projects with similar scope of work. If after award of the RFP, the successful

bidder(s) desire to utilize a subcontractor other than listed in the bid, the bidder must obtain approval of the subcontractor from FMPA. Denial of a subcontractor by FMPA will NOT absolve the bidder from getting the work done for the contracted price;

9. List of at least three (3) references for which similar projects were conducted, including name, company, title, phone number and email address, and a brief description of the project including the start and end dates;
10. List any past ISO-Phase Bus Preventative Maintenance projects for which your firm conducted work for FMPA, as well as others. Provide a brief description of the project including the start and end dates and point of contact.
11. The name and contact information of the person in Bidder's firm who would be the official contact person for any contractual relationship.
12. Fully executed forms as provided in Appendix C - Bid Forms.

10. RFP Schedule

FMPA's timetable for this RFP process is shown below. Note that the dates shown are only estimates and may be modified at any time by FMPA.

Public Notice/Distribution of RFP	April 22, 2026
Pre-Bid Meeting/Onsite Job Walk Down	May 14, 2026 @ 9:00am EST
Intent to Bid form and Questions Deadline	May 20, 2026
Sealed Proposals Due Date	June 4, 2026
Notice of Award <i>(Estimated date)</i> <i>(Pending budget approval)</i>	July 3, 2026

11. Site Visit and Walk-down

A mandatory site visit/walk-down has been scheduled to be held on **May 14, 2026 at 9:00am EST**; Treasure Coast Energy Center; 4545 Energy Lane, Fort Pierce, FL 34981. PPE is required. Individual bidder visits outside of this schedule are not permitted.

12. Evaluation

The proposals will be evaluated based on information provided by each proposer by the Proposal Due Date. No additional data will be considered after the Proposal Due Date, except for clarifications requested by FMPA. FMPA will evaluate the proposals in terms of cost and other quantitative and non-quantitative factors.

Selection and rejection of proposals and notification of proposers at all stages will remain entirely with FMPA's discretion. FMPA intends to notify proposers not selected under this solicitation within a reasonable amount of time.

The evaluation criteria will include a variety of considerations, which may include but not limited to:

- a. Experience with similar projects
- b. Past Performance
- c. Availability and lead time
- d. Adherence to specifications
- e. Pricing

Proposals must include sufficient information supporting pricing to permit FMPA to evaluate all proposals, which may include different pricing elements, different products, and different methods and assumptions, on an equal basis. If sufficient information supporting pricing is not provided, FMPA may have to make pricing assumptions in evaluating proposals to achieve, in FMPA's judgment, an equal evaluation of all proposals. Those pricing assumptions made by FMPA are at FMPA's discretion and based upon FMPA's subjective evaluations of the proposals received, and may or may not be shared with proposers.

Any proposer that proposes an alternative to any FMPA specified technical or business terms, or specified-products, must clearly identify such alternatives and provide supporting information for why the proposer believes its alternative(s) are superior to FMPA's specifications. FMPA is not obliged to accept any proposer's alternatives.

13. Performance Bond/Surety

Neither a bid nor a performance bond or surety is required pursuant to this RFP.

14. Budgetary Constraints

The Florida Municipal Power Agency reserve the right to reduce or increase the quantity, retract any item from the bid, or upon notification, terminate entire agreement without any obligations or penalty based upon availability of funds.

15. Interpretations and Addenda

All questions regarding interpretation of this RFP, technical or otherwise, must be submitted in writing to the following:

By E Mail: *sharon.samuels@fmpa.com*

By Fax: Ms. Sharon Samuels
(407) 355 - 5796

By Mail or Courier: Ms. Sharon Samuels
Florida Municipal Power Agency
8553 Commodity Circle
Orlando, Florida 32819

Only written responses provided by FMPA to proposers' questions will be considered official. A verbal response by FMPA will not be considered an official response. Written responses to questions and requests for interpretations will be provided to all potential proposers. Copies of all addenda issued in connection with this RFP may be sent to all potential proposers.

Questions and Answers

Questions will be accepted through the deadline noted in the schedule from potential bidders who notify us that they will be a bidder. We reserve the right not to answer other questions. Questions and answers will be distributed to all bidders.

Upon receipt of this Request for Proposals ("RFP"), potential Contractors shall immediately cease direct contact with individual FMPA or Generating Facility employees regarding the subject matter of this RFP.

Notwithstanding the previous sentence, If FMPA has questions about a particular proposal that, in the judgment of FMPA, would be appropriate to ask a proposer to clarify, explain, or otherwise provide supporting information for its proposal, FMPA reserves the right to pose such questions to proposers. In the event FMPA does this, it will provide a notice to all proposers of the questions that received questions from FMPA, and the general nature of the questions, but FMPA will not provide information that it believes will give an proposer any competitive advantage over another. FMPA will evaluate answers received from proposers, but will not accept modifications to proposals after the Proposal Due Date.

16. Errors, Modifications or Withdrawal of Proposal

Each proposer should carefully review the information provided in the RFP prior to submitting a response. The RFP contains instructions which must be followed by all proposers. Modifications to proposals already received by FMPA will only be accepted prior to the Proposal Due Date. Proposals may be withdrawn by giving written notice to FMPA prior to the Proposal Due Date.

17. Proprietary Confidential Business Information

All proposals shall become property of FMPA. FMPA will not disclose to third parties any information that is clearly labeled "Proprietary Confidential Business Information" in a proposal unless, in the opinion of counsel for FMPA, such disclosures are required by law or by order of the court or government agency having appropriate jurisdiction. Each page of Proprietary Confidential Business Information must be clearly labeled "PROPRIETARY CONFIDENTIAL BUSINESS INFORMATION" at the top of the page. FMPA reserves the right to disclose information contained in proposals to its consultant(s) for the sole purpose of assisting in the proposal evaluation process. FMPA will require the consultant(s) to maintain the confidentiality of the document.

18. Default and Damages Provisions

FMPA will negotiate standard terms and conditions for default and damages with the awarded Contractor(s). All proposers are requested to include proposed default and damages provisions in their proposals.

19. Public Entity Crimes Statement

Pursuant to Section 287.133(2)(a), FLORIDA STATUTES, all proposers should be aware of the following:

"A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list."

20. Collusion

By offering a submission pursuant to this RFP, the proposer certifies the proposer has not divulged, discussed, or compared his proposal with other proposers and has not colluded with any other proposer or parties to this proposal whatsoever. Also, the proposer certifies, and in the case of a joint proposal, each party thereto certifies, as to his own

organization, that in connection with this proposal:

1. Any prices and/or cost data submitted have been arrived at independently, without consultation, communication, or agreement for the purpose of restricting competition, as to any matter relating to such prices and or cost data, with any other proposer or with any competitor
2. Any prices and/or cost data quoted for this proposal have not knowingly been disclosed by the proposer and will not knowingly be disclosed by the proposer prior to the scheduled opening directly or indirectly to any other proposer or to any competitor
3. No attempt has been made or will be made by the proposer to induce any other person or firm to submit or not to submit a proposal for the purpose of restricting competition
4. The only person or persons interested in this proposal, principal or principals is/are named therein and that no person other than therein mentioned has any interest in this proposal or in the contract to be entered into and
5. No person or agency has been employed or retained to solicit or secure this contract upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee excepting bona fide employees or established commercial agencies maintained by the Proposer for the purpose of doing business.

21. Drug Free Workplace

A Drug-Free Workplace Statement must be completed, signed, and returned prior to award of proposal. This form will be used whenever two or more proposals that are identical with respect to price, quality, delivery, and service are received; a proposal received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process.

22. Subcontracted Services

Proposal should indicate which, if any, of the services to be provided would be subcontracted by the proposer to independent contractors. If work is intended to be subcontracted, BID SUBMITTAL MUST BE ACCOMPANIED BY BACKGROUND MATERIALS AND REFERENCES FOR PROPOSED SUBCONTRACTOR(S) - NO EXCEPTIONS. In addition, Contractor(s) must notify FMPA any time work will include subcontracted services. FMPA maintains the right to reject the proposed subcontractor for specific project work.

23. Definitions

The words and terms defined in this document shall have the following meanings as used throughout.

ACCEPTANCE – Written acknowledgement by the FMPA and authorized representative that the Work has been completed in a manner consistent with the terms, conditions and specifications of a Contract or Purchase Order.

CONTRACTOR – The business entity (and its affiliates and authorized assigns), which has been awarded by FMPA or executed a contract with FMPA shall include any and all subcontractors, affiliates and authorized assigns that

provide or perform any or all of the Work. This entity may also be referred to as the Contractor, successful bidder, or successful proposer.

PARTICIPANT CONTRACT – The aggregation of all documents that constitute the binding agreement between the Contractor and FMPA. The Participant Contract may include but shall not be limited to The Award or Agreements that result from this solicitation, Blanket Orders, Purchase Orders, Order Releases, and all attachment agreements.

PURCHASE ORDER (PO) – A Work authorization, issued by FMPA or an FMPA Member, which is issued subject to the terms and conditions of the Award or Agreement. The term “Purchase Order” shall also include “blanket order releases” and any other ordering methodology agreed to in writing by FMPA and Contractor.

WORK – Labor, materials, supplies, equipment, goods, and services including any related documentation, software, reports, testing, transport, administration, management, tools and any and all other requirements to be furnished or performed by Contractor under this Agreement and/or a Participant Contract together with all other additional necessities that are not specifically recited in this Agreement or Participant Contract but which could be reasonably inferred as necessary to complete all obligations and fully satisfy the intent of this Agreement and/or a Participant Contract.

24. Entire Contract

These General Terms and Conditions, the Master Agreement between FMPA and the selected Contractor(s), and the Purchase Order (PO) for which they are being provided (including attachments thereto) constitute the entire agreement between FMPA and the Contractor.

25. Acceptance of Services and Work Product

The Product or Services shall be subject to FMPA and authorized staff’s inspection at any time. FMPA may reject Product/Services within a reasonable time after completed, if such Product/Services do not comply with the requirements of the Purchase Order or the specifications for the Product/Service. The making or failure to make any inspection of, or payment for or acceptance of Product/Service shall in no way impair FMPA’s right to reject or revoke its acceptance of nonconforming Product/Service, or to avail itself of any other remedies to which FMPA may be entitled, notwithstanding FMPA’s knowledge of the nonconformity, its substantiality or ease of discovery.

Final acceptance of the Services and Work Product for purposes of the Purchase Order shall be the date upon which FMPA confirms that all Services and Work Product have been completed in accordance with the terms of the Purchase Order (“Final Acceptance”).

26. Site Access Conditions

FMPA and authorized staff shall provide Contractor access to the Facility as necessary to perform the Work or Services. Access shall be subject to Contractor’s obligation to comply with the following conditions:

1. Contractor shall confine its activities to only those portions of the Facility necessary for performance of the Services.

2. Contractor shall take all safety measures reasonably necessary to protect FMPA and FMPA property, its permittees and licensees and the property of each, from injury or damage caused by or resulting from the performance of Services. Contractor shall follow any and all safety and security procedures established by FMPA for the Facility. In the event of a security emergency, FMPA and its Members may deny Contractor access to a Facility or request that Contractor leave the Facility.
3. Contractor shall maintain all required insurance coverage's set forth in Section 27 at all times during the term of the Purchase Order.
4. Contractor's performance of Services shall not interfere with the use, occupancy or enjoyment of the Facility by FMPA and its Members.
5. No work or activity performed as part of the Services shall cause FMPA and its Members to be in violation of any requirement of law nor shall Contractor or any agent, employee or representative violate any federal, state or local laws while performing Services.
6. All Services shall be performed in a manner that will not damage the Facility and Contractor shall promptly notify FMPA and shall be responsible for the cost of repairing any such damage should it occur.
7. FMPA rules on maintaining a drug-free workplace shall be strictly followed and enforced by Contractor with respect to all of its employees or subcontractors and none of Contractor's employees, subcontractors, agents or representatives shall be permitted to use non-prescription drugs or alcohol at any FMPA and its Member Facility.

27. Required Insurance

The Contractor shall acquire and maintain at all times during the performance of Services the insurance coverage set forth below. Contractor shall furnish FMPA a copy of the insurance certificate. Additional information on insurance requirements are noted in Appendix B, page 5.

The liability limits shall not be less than:

Workers' Compensation Statutory

Commercial General Liability \$1,000,000

Automobile Liability \$500,000

Product Liability as set forth in the Purchase Order, if any;

Pollution Insurance as set forth in the Purchase Order, if any;

28. Termination for Default

Any failure by Contractor to perform or comply with the terms and conditions of the Purchase Order which continues for ten (10) calendar days after written notice from FMPA to Contractor demanding that such failure to perform be cured, shall be deemed an event of default by Contractor. Upon the occurrence of any such event of default, FMPA may terminate the Purchase Order and pursue any remedies available at law or in equity.

29. Termination for Convenience

FMPA shall have the right in its sole discretion to terminate by written notice, in whole or in part, the Purchase Order for its convenience. FMPA shall pay Contractor for any Services performed under the Specifications of the Bid Package prior to the termination date.

30. Termination for Cause

The performance of work on a Purchase Order issued under this Award agreement may be terminated for cause by a Participating Member (s) in accordance with this clause in whole, or from time to time, in part, whenever the authorized Member representative, in his or her sole judgment, determines that the Awarded Bidder is not meeting the minimum performance level required. If the Award agreement is terminated under this provision, the Member shall not be required to purchase any remaining items or continue any work. Additionally, the terminated Bidder shall not be eligible for consideration for any replacement Award agreement.

FMPA shall have the right in its sole discretion to terminate by written notice, in whole or in part, the Purchase Order for performance issues. FMPA reserves the right to terminate the Contract with that Contractor(s) and re-advertise or select a second Contractor(s) from the original solicitation.

31. Use of Ideas

All materials submitted in response to the RFP become the property of FMPA and will be returned only at the option of FMPA. Except as otherwise prohibited by law, FMPA has the right to use any and all ideas presented in response to this RFP. Selection or rejection of a proposal does not affect this right.

32. Warranties

Reference Warranty section of Appendix B, page 3.

33. Hazardous Materials of Contractor

Any Hazardous Materials used by Contractor in the performance of the Services shall be packaged, shipped, handled, labeled and disposed of by Contractor in a manner that complies with all federal, state and local laws or regulations applicable to Hazardous Materials. No Hazardous Materials shall be stored by Contractor at the FMPA and its Member's Facility before, during or after the performance of Services hereunder. Contractor shall, at its expense, remove, transport and dispose of all Hazardous Materials (i) brought by Contractor to the Facility or (ii) disturbed by Contractor's performance of Services or created by Contractor's use, handling or combination of non-hazardous materials brought by Contractor to the Facility during the performance of Services. For purposes of the Purchase Order, the term "Hazardous Materials" shall mean any substance which by law requires special handling, containment or disposal, including without limitation "hazardous substances" as defined in the Comprehensive

Environmental Response, Compensation and Liability Act of 1980, as amended (42 USC Sections 9601, et seq.), the Hazardous Materials Transportation Act, as amended (49 USC Sections 5101, et seq.), “hazardous wastes” as defined in the Resource Conservation and Recovery Act, as amended (42 USC Sections 9601, et seq.), “toxic substances” as defined in the Toxic Substance Control Act as amended (15 USC Section 2601 et seq.), as amended and in the regulations adopted, published, and promulgated pursuant thereto. Contractor shall be responsible for obtaining and maintaining any licenses, permits, and/or other authorizations of any kind required for the performance of the Services. Contractor shall pay all costs of such licenses, permits and authorizations and all costs and expenses incurred in obtaining and maintaining them. The Contractor shall comply with all federal, state and local laws, and rules and regulations that are applicable to the performance of the services requested by FMPA.

34. Safety and Protection

Contractor shall be solely responsible for initiating, maintaining and supervising all safety precautions and programs in connection with work under this RFP. Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to:

1. All persons on the site who may be affected by the project work;
2. All Work and materials and equipment to be incorporated therein, whether in storage on or off of the project site. Any off-site storage logistics such as sourcing/allocation, safety, security and transfer/delivery, etc. will be the sole responsibility of the contractor.
3. Other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, utilities and underground facilities not designated for removal, relocation or replacement in the course of the project.

35. Control of Work and Subcontractors

Contractor shall be solely responsible for all construction means, methods, techniques, sequences, procedures, and safety programs in connection with the performance of the Work. In addition, Contractor shall be solely responsible for the engagement and management of any subcontractors used to perform any portion of the Work.

36. Domestic Preference

As appropriate and to the extent consistent with law, Contractor should, to the greatest extent practicable, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products).

37. Public Records

Supplier acknowledges that FMPA is subject to Florida's Government in the Sunshine Law, including, without limitation, Chapter 119, Florida Statutes. As such, any documents submitted in response to this RFP may be public records subject to public disclosure. Please refer to Section 17, above, for confidential proprietary business information or trade secrets contained in such records.

38. Change Orders

Contractor is ***not authorized*** to act on any Change Order until they receive a written revision to the Purchase Order for the added scope and price.

FMPA has no obligation to pay for any goods or services outside of the authorized Purchase Order.

39. Participating Sites

This RFP and specification is requesting bids for the specified services to be provided to any FMPA sites. It is anticipated that FMPA sites/locations, other than those specified, may wish to purchase these services. Therefore, the bidder(s) is requested to extend the quoted price to any FMPA related system. In that event, all of the applicable terms and conditions of this specification shall apply. If additional cost apply, to specific sites/regions, please provide the details on an additional sheet of your submittal.

FMPA generating facilities are as follows:

Cane Island Power Park, 6075 Old Tampa Hwy, Intercession City, FL 33848

Sand Lake Energy Center, 8275 Exchange Dr, Orlando, FL 32809

Stock Island Generating Facility, 6900 Front St. Extended, Stock Island, FL 33040;

Treasure Coast Energy Center, 4545 Energy Lane, Fort Pierce, FL 34981

Mulberry Energy Center, 3600 County Road 555, Bartow, FL 33830

Bartow Energy Center, 1901 S Clear Springs Rd, Bartow, FL 33830

40. Extension Option

This bid may be extended on a year-to-year basis at the conclusion of the five (5) year period by mutual agreement between FMPA and the successful bidder(s) provided the same terms, conditions, and prices exist, subject to Escalation/De-escalation as provided in Section 41. Should the awardee choose not to renew their bid award, FMPA reserves the right to terminate the Contract with that Bidder(s) and re-advertise.

41. Escalation/De-Escalation

Bid prices shall remain firm for a period of three (3) years from the date of award. Awarded Bidder's pricing may update pricing for years four (4) and five (5), and at the time the option to renew is to be exercised. Pricing may increase/decrease based on the following reasons:

41.1 Manufacturer's production cost may be justification for price change; however, this shall not be construed in any way to increase vendor's margin of profit.

41.2 Approved (Florida P.S.C.) freight rate changes may change the total bid prices.

41.3 Newly imposed Tariffs that were implemented after Bidder's submission; that Bidder can demonstrate has materially affected Bidder's pricing, may be considered at FMPA's discretion.

41.4 Florida Department of Transportation monthly index shall be recognized and approved, when applicable.

41.5 All written requests for price increases must include a back-up documentation as to the nature of the increase and shall be submitted to FMPA at least 30 days prior to renewal of contract. It shall be the responsibility of the awarded bidder(s) to fully document the changes and satisfy FMPA as to the amount of the change. Approval of each request shall be by written confirmation from FMPA. If FMPA should consider said increase unwarranted or unreasonable, FMPA reserves the right to terminate the contract with the vendor and re-advertise the services. Any price decreases at the manufacturer's or Awardee level shall be reflected in an immediate reduction of the bid prices and the vendor shall notify FMPA of said decrease.

APPENDIX A

SCOPE OF WORK

Treasure Coast Energy Center (TCEC) – Iso-Phase Bus Preventive Maintenance

1 REVISION HISTORY

03/06/2026

REV 0 – Working Document

2 GENERAL SCOPE OF WORK

2.1 INTRODUCTION

Treasure Coast Energy Center (TCEC) is a combined-cycle generating facility in Fort Pierce, Florida. FMPA seeks a qualified Contractor to perform preventive maintenance, inspection, cleaning, and electrical testing of the Iso-Phase Bus (IPB) systems serving the Steam Turbine Generator (STG) and Combustion Turbine Generator (CTG), including startup advisory support and thermographic surveys.

All work shall follow applicable industry standards, including ANSI/NETA ATS (Acceptance Testing Specifications), ANSI/NETA MTS (Maintenance Testing Specifications), NFPA and IEEE practices.

2.2 SUMMARY:

2.2.1 The efforts to support this project will entail executing the following tasks:

1. Pre-Outage Thermography (Under Load) – Perform an infrared thermal scan of the Iso-Phase Bus (IPB) terminations and accessible enclosures prior to the outage while the system is energized and under load. Document thermograms, load conditions, ambient conditions, identified anomalies, and provide a pre-outage findings memorandum to FMPA.
2. Pre-Outage Ground Current Measurement – Prior to the outage and while the Iso-Phase Bus is energized and under load, the Contractor shall measure and document ground current on the IPB grounding system(s). Measurements shall be taken using appropriately rated instrumentation and documented by phase and/or run where applicable. Results shall be included in the pre-outage findings memorandum and used as a baseline for post-outage comparison.
3. Mobilization & LOTO – Mobilize personnel, tools, test equipment, and consumables to site; attend site orientation; walk down work areas; and sign on to FMPA's Lockout/Tagout (LOTO) prior to commencement of work. FMPA personnel will perform all switching and establish LOTO. The Contractor shall provide, install, maintain, and remove all required temporary personal protective grounds necessary to safely perform the work. The Contractor shall verify absence of voltage prior to applying grounds and shall perform all grounding activities in accordance with applicable OSHA regulations, NFPA 70E, and industry best practices.

4. Access & Disassembly – Remove access covers at generator and transformer terminations, instrument transformer/surge compartments, and insulator access points. Disconnect flexible links/braids as required to achieve test isolation.
The Contractor shall provide, install, maintain, and remove all required temporary personal protective grounds necessary to safely perform the work. Temporary grounds shall be applied only after verification of absence of voltage and in accordance with OSHA, NFPA 70E, and recognized industry best practices.
5. Internal Inspection – Inspect the interior of IPB enclosures for water intrusion, corrosion, dirt, debris, and mechanical damage. Inspect insulators, bushings, and standoffs for cracking, tracking, or degradation. Inspect bellows and drains for integrity and proper function.
The Contractor shall ensure all required personal protective grounds remain properly installed and verified for the duration of internal inspection activities and shall remove such grounds only after completion of work and authorization from FMMPA.
6. Termination & Hardware Inspection – Inspect termination contact surfaces, bolted joints, and flexible connections for flatness, deformation, overheating, and condition of silver plating. Torque-check and document findings.
7. Cleaning – Vacuum and wipe accessible internal components and insulators using appropriate solvent (e.g., denatured alcohol where compatible).
8. Electrical Testing – Perform as-found and as-left electrical testing in accordance with applicable ANSI/NETA and IEEE standards, including DC Hi-Pot testing and insulation resistance (5 kV Megger). Record all test values and immediately report any abnormal results to FMMPA.
9. Reassembly – Reinstall new flexible links/braids and all access covers using new gaskets and replacement hardware as required. Flexible links/braids removed during disassembly shall be replaced with new components unless otherwise directed by FMMPA. All nuts, bolts, flat washers, and lock washers removed during disassembly shall be replaced with new hardware. Verify drains are operable and all enclosures are properly sealed. All reassembly work shall be performed in accordance with manufacturer recommendations and industry best practices. Bolted connections shall be properly aligned, torqued, and documented prior to removal of personal protective grounds and return of the system to FMMPA.
10. Post-Outage Thermography – Following re-energization and return to load, perform a post-outage infrared thermographic survey of the IPB system. Document thermograms, load conditions, and any abnormal conditions in the post-outage report.
11. Post-Outage Ground Current Measurement – Following completion of maintenance activities, re-energization, and return to load, the Contractor shall re-measure and document ground current on the IPB grounding system(s) under comparable operating conditions. Results shall be compared to pre-outage values and included in the post-outage report. Any abnormal increases or deviations shall be immediately reported to FMMPA.
12. Startup Support (Advisory) – Provide onsite advisory support during re-energization and startup activities as requested by FMMPA.

Ground current measurements shall be coordinated with thermographic surveys to the extent practicable and performed in accordance with applicable industry's best practices and safety requirements.

2.2.2 Optional Bid Adders

1. Extruded gaskets for clamping covers (per unit).
2. New flexible braids/links and hardware as required by field measurement.
3. Non-segregated phase bus duct cleaning/inspection/testing (if applicable).

2.3 DEFINITIONS:

- FMPA is defined as Florida Municipal Power Authority
- TCEC is defined as treasure Coast Energy Center located at 4545 Energy Ln, Fort Pierce, FL 34981.
- CONTRACTOR is defined as Vendor responsible for executing this SOW

3 REQUIREMENTS AND DELIVERABLES

The following is a detailed description of the deliverables and work to be performed by the CONTRACTOR for this project.

3.1 PREVENTIVE MAINTENANCE REQUIREMENTS (IPB SYSTEMS)

Contractor shall perform maintenance to restore and verify IPB integrity, per the activities above and using accepted practices from ANSI/NETA ATS/MTS, IEEE, NFPA and manufacturer recommendations. This is a maintenance, inspection, cleaning, and testing project (no design/fabrication).

3.1.1 IPB Components in Scope (Per Unit)

1. Generator and transformer termination boxes
2. IPB enclosure sections, insulators, standoffs, seal-off bushings
3. Instrument transformer/surge arrester compartments
4. Flexible links/braids and bolting hardware
5. Expansion bellows (visual inspection for aging/integrity)

3.1.2 Testing (Minimum Set)

1. DC Hi-Pot at appropriate test levels for the bus system, per NETA/IEEE and manufacturer guidelines
2. Insulation Resistance (IR/Megger) at 5 kV
3. Thermography – pre-outage under load and post-outage under load, with photos/thermograms and delta-T vs reference

3.1.3 Consumables & Parts

1. New gaskets for reassembly (extruded clamping cover gaskets as an Option)
2. New flexible braids and hardware, pending field measurements
3. Fastening Hardware and Consumables
 - a. All nuts, bolts, flat washers, and lock washers removed during disassembly shall be replaced with new hardware. **Reuse of fastening hardware is prohibited.** All fastening hardware shall be listed as consumable and included in the base bid pricing. Contractor shall maintain no less than twenty-five percent (25%) surplus of required fastening hardware onsite prior to commencement of work. Unused hardware shall be turned over to FMPA at project completion.
4. Cleaning of Electrical Connections
 - a. Prior to reassembly, all electrical contact surfaces and mating interfaces shall be cleaned using denatured alcohol (or FMPA-approved equivalent) to remove oxidation, residue, and contaminants.
5. Torque and Verification Requirements
 - a. All bolted connections shall be torqued to applicable specifications under the supervision of an FMPA representative. Upon approval, torque-indicating witness lines shall be applied to all fasteners.

3.2 PLANNING

3.2.1 Work Plan Review

Prior to mobilization, Contractor shall submit a Job Hazard Analysis (JHA), detailed work plan, testing plan (including test levels and acceptance criteria), and thermography plan for FMIPA review.

3.2.2 Project Management

Contractor shall designate a single Project Manager to coordinate submittals, schedule, RFIs, and change orders.

3.2.3 Schedule

Work shall be performed during the FMIPA defined outage window at TCEC. Standard onsite days shall be 10-hour workdays; weekend or extended hours require FMIPA approval. Contractor shall staff adequately to complete within the outage. Any additional mobilizations must be pre-approved.

3.2.4 Update Meetings

Bi-weekly pre-outage; weekly during outage.

3.2.5 Change Orders

All changes must be submitted in writing and approved by FMIPA prior to commencing changed work.

3.3 DOCUMENTATION

3.3.1 Test & Inspection Reports

- 1) Pre-Outage IR Survey Memo (thermograms, load, ambient, anomalies).
- 2) As-Found / As-Left Test Results: IR values, Hi-Pot results, any additional tests; include acceptance criteria and pass/fail notes.
- 3) Inspection & Cleaning Report: photos of deficiencies, tightened/torqued connections, replaced hardware, gasket condition.
- 4) Deficiency Register: prioritized recommendations (Immediate / Next Outage / Monitor).
- 5) Contractor shall provide daily written updates summarizing inspection results, test findings, deficiencies identified, corrective actions performed, and any conditions requiring further attention. Daily updates shall be submitted no later than the end of each workday to the FMIPA's designated representative and shall clearly identify new findings, status of previously identified issues, and any items that may impact scope, schedule, or safety.
- 6) Final Report within 10 business days of onsite completion unless otherwise approved.
- 7) Post-Outage Thermography Report after return to service, with images and delta-T evaluation.

3.3.2 Daily Written Reporting Requirement

Contractor shall provide written daily field updates during onsite work summarizing activities performed, findings, deficiencies identified, corrective actions taken, and any risks to schedule or scope. Verbal updates alone are not acceptable.

3.3.3 Method of Delivery

Provide 1 digital (PDF + native data) plus 2 hard copies of the final report set, consistent with FMIPA requirements.

3.4 DIVISION OF RESPONSIBILITIES

3.4.1 Site Facilities

Contractor provides own tooling/consumables, field office/break area, and any temporary facilities necessary.

3.4.2 Access

FMIPA will provide scaffolding as required for access, unless otherwise agreed. The Contractor shall provide FMIPA with a written list of all scaffolding requirements—including locations, elevations, access points, and any special configurations – no later than thirty (30) calendar days prior to the start of the outage.

The Contractor shall verify all scaffolding needs on site prior to the start of work and confirm that the listed requirements are complete and accurate.

The Contractor shall be responsible for providing any required manlifts or ladders (non-scaffold) as necessary.

3.4.3 Material Handling

Contractor receives and secures materials, maintains laydown, and manages shipping/receiving for optional parts.

3.4.4 Power

FMIPA will provide power on site for welding machines, trailers, and tooling. Contractor will be responsible for power distribution panels and plugs to interface with TCEC welding receptacles.

3.4.5 Water

The contractor will be responsible for their own potable water. Non-potable service water will be provided by FMIPA.

3.4.6 Site Equipment

The Contractor shall furnish all site equipment required to perform the Work, including but not limited to forklifts, telehandlers, manlifts, aerial lifts, and related accessories. Use of FMIPA-provided equipment is not permitted unless expressly approved in writing by the FMIPA prior to mobilization.

The Contractor shall be solely responsible for fueling, maintaining, and servicing all Contractor-furnished equipment, including providing fuel, lubricants, and consumables as required. Equipment downtime, availability, or fueling requirements shall not constitute justification for delays, schedule impacts, or change orders.

3.4.7 Waste Disposal

The contractor will be responsible for the disposal of all trash and scrap generated by this work. They will supply their own scrap and waste dumpsters and coordinate their timely removal.

3.4.8 Safety

The Contractor is responsible for ensuring the compliance of their employees with all safety requirements be they as directed by FMIPA, the Contractor's own safety program, and OSHA, NFPA 70E, and FMIPA safety rules and best practices. The Contractor is liable for the safety of their own employees at all times on site.

1. Contractor is responsible for providing their work crew with any PPE or other safety equipment such as harnesses or hazardous-gas monitors that may be required for this work.

2. The Contractor is responsible for any hole watches that are required for this work.
3. The Contractor is responsible for providing their work crew with the appropriate training for the work such as confined space entry, fall protection, respirators, etc. as required. The Contractor must meet or exceed minimum OSHA requirements.
4. The Contractor must include a copy of their current safety program/manual.

3.4.9 Fire Watch

The Contractor is responsible for any fire watch that may be required as part of this work as well as for providing fire extinguishers for fire watch and areas where welding or other hot work is being performed.

3.4.10 Existing Drawings and Dimensions

FMIPA will make available any as-built drawings in its possession. Contractor is responsible for field verification of dimensions and access clearances.

3.4.11 LOTO

FMIPA personnel will be responsible for tagging out and making the associated systems safe to be worked on. It is the supplier's responsibility to abide by site safety requirements and OSHA regulations.

3.4.12 Electrical Grounding

- The Contractor is fully responsible for providing all temporary protective grounds required for the Iso-Phase Bus (IPB) maintenance work.
- The Contractor shall: supply all grounding cables, clamps, grounding clusters, ground reels, and related hardware; verify absence of voltage prior to applying grounds and document verification steps as part of LOTO acceptance; install, maintain, and remove temporary grounds in accordance with OSHA 1910.269 and NFPA 70E; ensure grounding equipment is rated appropriately for available fault current and inspected prior to use; and train all personnel who install or remove grounds.
- FMIPA/TCEC will not provide grounding materials, nor will they be responsible for applying, verifying, or maintaining protective grounds.

4 WARRANTY

The Contractor shall warrant its labor/workmanship for maintenance activities, and any parts furnished and installed by the Contractor, for a period of twelve (12) months. The warranty period shall commence on the date the applicable Unit is returned to service and declared back online following completion of the Work and re-energization/startup by FMIPA. If a bidder proposes a different standard warranty, all deviations must be clearly listed in Exceptions with justification.

5 PRICING

Provide pricing as follows (prices to include mobilization/demobilization, test equipment, reports, and standard consumables unless noted):

1. Base Bid – STG IPB Maintenance (Lump Sum)
2. Base Bid – CTG IPB Maintenance (Lump Sum)

3. Base Bid – Replacement flexible links/braids & hardware (per unit—final quantities post measurement)
4. Option A – Extruded gaskets for clamping covers (per unit)
5. Option B – Non-segregated phase bus duct inspection/cleaning/testing

5.1 OPTIONS

The Contractor may propose any options that they wish to however the base bid must be as requested with the specification with options clearly delineated with their impacts on price clearly stated.

Notes:

- Any deviations from this SOW must be listed in an Exceptions/Clarifications attachment.

6 SCHEDULE

6.1 OUTAGE WINDOW

- Outage Start: November 6, 2026, at 07:00
- Outage End: November 19, 2026, at 17:00

6.2 REDUCED-PRODUCTIVITY DAYS (TOTAL = 3 DAYS)

1. November 6, 2026 (Day 1) – Reduced access due to initial outage transitions and LOTO setup.
2. November 17, 2026 (Two Days Before Closeout) – Reduced availability due to plant readiness checks.
3. November 18, 2026 (One Day Before Closeout) – Additional access restrictions and operational preparations.

Contractor shall plan work assuming reduced productivity on identified dates with no entitlement to additional compensation or schedule relief.

6.3 ADDITIONAL SCHEDULE REQUIREMENTS

- Contractor may stage equipment/materials up to 10 calendar days prior to outage start (with FMIPA approval).
- Standard workdays are 10 hours unless otherwise approved by FMIPA.
- Contractor must account for seasonal Central Florida weather in planning and manpower loading.

7 COMMERCIAL & ADMINISTRATIVE

- All testing per ANSI/NETA ATS-2021 / MTS-2023, IEEE, NEC, NFPA.
- Final report due within 10 business days of onsite completion; thermography reports within 5 business days of each survey.
- Delays not caused by Contractor but preventing productive work are subject to change order per contract terms.
- If union coordination is required, Contractor shall state impacts to staffing/rates and accommodate site labor requirements.

8 SUBMITTALS (AT BID TIME)

- Exceptions & Clarifications log
- Preliminary schedule and staffing plan
- List of test equipment (e.g., DC Hi-Pot, 5 kV IR, thermographic camera)
- Sample reports and forms (as-found/as-left templates)
- Safety program/manual and training certifications

9 CLOSEOUT

- Final report package (PDF + native data), as-built photos, test records, deficiency register, and recommendations.
- Turnover meeting to review results and recommend next-outage activities.

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Title

STEAM TURBINE GENERATOR BUS DUCT STG ISO-PHASE BUS DUCT LAYOUT
STEAM TURBINE GENERATOR BUS DUCT ISO-PHASE BUS DUCT FOUNDATION PLAN~ SECTIONS & DETAILS
CTG BUS DUCT CTG ISO-PHASE BUS DUCT LAYOUT
CTG BUS DUCT ISOLATED-PHASE BUS DUCT FOUNDATION PLAN~ SECTIONS~ & DETAILS
GENERAL LAYOUT OF ISO-PHASE BUS
GENERAL LAYOUT OF ISO-PHASE BUS
GENERAL LAYOUT OF ISO-PHASE BUS
ANCHOR BOLTS & CONNECTION LAYOUT OF ISO-PHASE BUS SUPPORT
ANCHOR BOLTS & CONNECTION LAYOUT OF ISO-PHASE BUS
ISOLATED PHASE BUS DUCT AIR PRESSURIZATION INSTRUMENT PANEL - 2 PAGES
ISOLATED PHASE BUS DUCT AIR PRESSURIZATION INSTRUMENT PANEL - 2 PAGES
ISO-PHASE BUS AIR PRESSURIZATION SYSTEM
ERECTION DRAWING OF ISO-PHASE BUS SUPPORT
ERECTION DRAWING OF ISO-PHASE BUS SUPPORT
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STG BUS DUCT ISO-PHASE BUS DUCT FOUNDATION
LIST OF MATERIAL AIR PRESSURIZATION EQUIPMENT ASSEMBLY FOR ISO-PHASE BUS - 2 PAGE I/L
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ISOLATED PHASE BUS DUCT (IPB) GSU TERMINATION MODIFICATION TYP. FOR BOTH CTG & STG UNITS

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Unit 1	554
Unit 1	522
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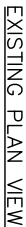
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To Be Applied

Structural - Civil
Structural - Civil

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P	Masters	CTG Bus Duct
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B		
C		

ENCLOSURE FINISH: ANSI 61 GRAY ENAMEL
CONDUCTOR FINISH: FLAT BLACK
CONDUCTOR PLATING: SILVER-PLATED BOLTED CONNECTIONS ONLY, ALL OTHERS WELDED
ENCLOSURE HARDWARE: STAINLESS STEEL
CONDUCTOR HARDWARE: STAINLESS STEEL



RMS ENERGY
ENERGIZING THE FUTURE THROUGH RELIABLE POWER SOLUTIONS

B	AS BUILT	9/12/26	J. FOX		
A	SUBMITTED FOR APPROVAL	9/18/24	J. FOX	-	
NO	REVISION	DATE	BY	APR	

DA MUNICIPAL POWER AGENCY
TREASURE COAST ENERGY CENTER
FORT PIERCE, FL

ENGINEERING RECORD	DATE
DESIGNED J. L. FOX	9/18/24
CHECKED -	-
APPROVED -	-
DWG SCALE: 1:1	PLT SCALE: N.T.S.
DWG SIZE: 11x17	

ISOLATED PHASE BUS DUCT (IPB)
GSU TERMINATION MODIFICATION
TYP. FOR BOTH CTG & STG UNITS

DWG. NO.: 241325-L-01

SHEET: 1 OF 3

REV NO.: B

BUS DESIGN: ISOLATED PHASE, CONTINUOUS HOUSING DESIGN

3 PHASE, 60HZ, SELF-COOLED

VOLTAGE RATING: 18KV, 150KV BIL

RENT RATING: 8,000A

RENT RATING: 130KA MOMENTA

TEMPERATURE RATING: 40°C MAXIMUM

TEMPERATURE RATING: 80°C ENCLOSURE

ENCLOSURE: TBD
CONTROL: TBD

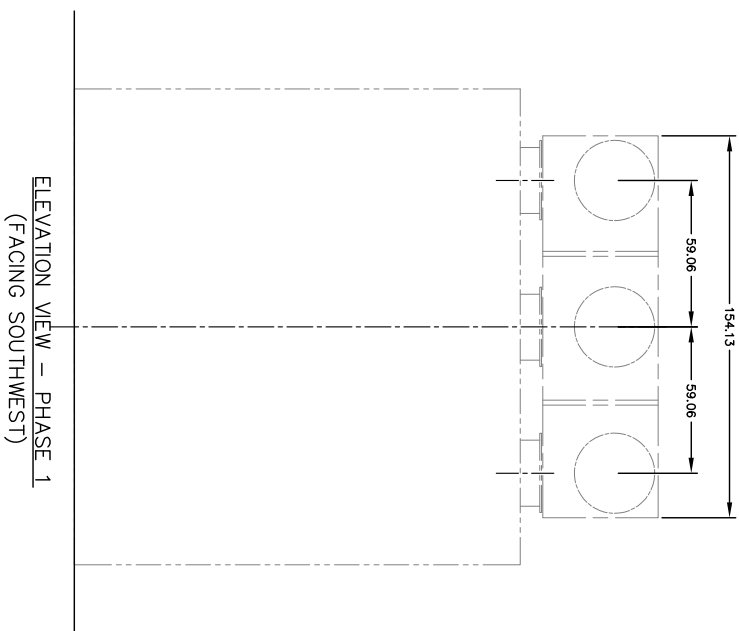
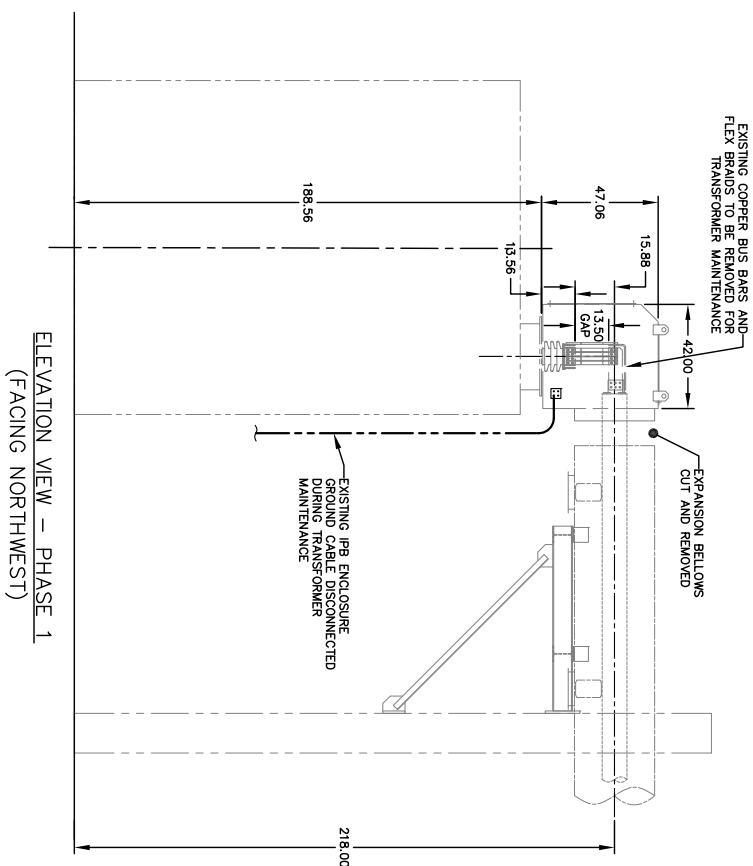
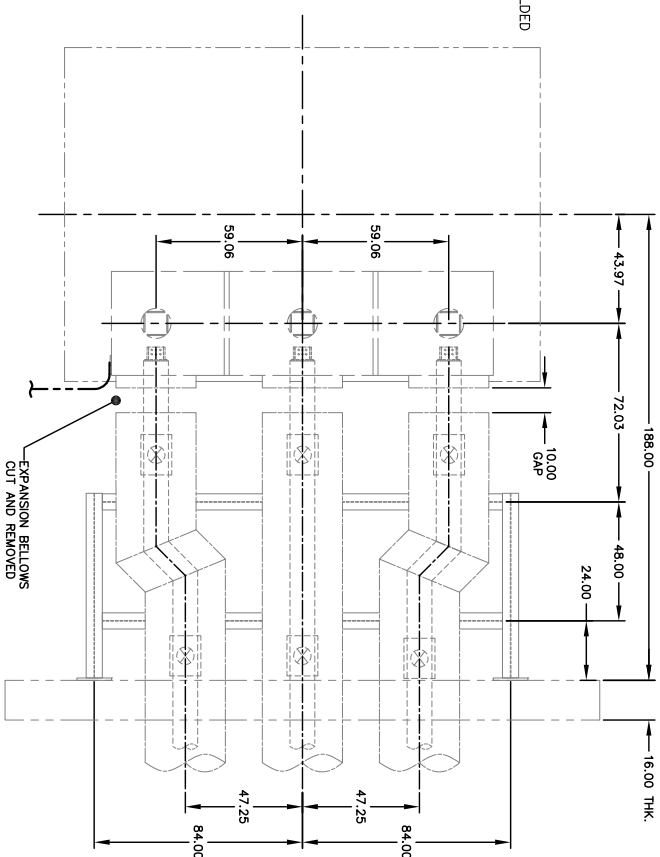
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03 LOCATION: BUILDING

POSSIBLE FINISH: ANSI 61 GRAY E

FINISH: ANSI 01 GRAI
FINISH: FLAT BLACK

DUCTOR FINISH: FLAT BLACK
 SOLDER PLATING: SILVER-PLATED



NOTES:
1. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.



B	AS BUILT	9/12/25	J. FOX	
A	SUBMITTED FOR APPROVAL	9/18/24	J. FOX	-
NO	REVISION	DATE	BY	APR

FLORIDA MUNICIPAL POWER AGENCY
TREASURE COAST ENERGY CENTER
FORT PIERCE, FL

ENGINEERING RECORD	DATE
DESIGNED J. FOX	9/18/24
CHECKED -	-
APPROVED -	-
DWG SCALE: 1:1	PLT SCALE: N.T.S.
DWG SIZE: 11X17	

ISOLATED PHASE BUS DUCT (IPB)
GSU TERMINATION MODIFICATION
TYP. FOR BOTH CTG & STG UNITS

DWG. NO.: 241325-L-01

SHEET: 2 of 3

EV NO.: B

ENCLOSURE FINISH: ANSI 61 GRAY ENAMEL
CONDUCTOR FINISH: FLAT BLACK
CONDUCTOR PLATING: SILVER-PLATED BOLTED CONNECTIONS ONLY, ALL OTHERS WELDED
ENCLOSURE HARDWARE: STAINLESS STEEL
CONDUCTOR HARDWARE: STAINLESS STEEL



RMS ENERGY
ENERGIZING THE FUTURE THROUGH RELIABLE POWER SOLUTIONS

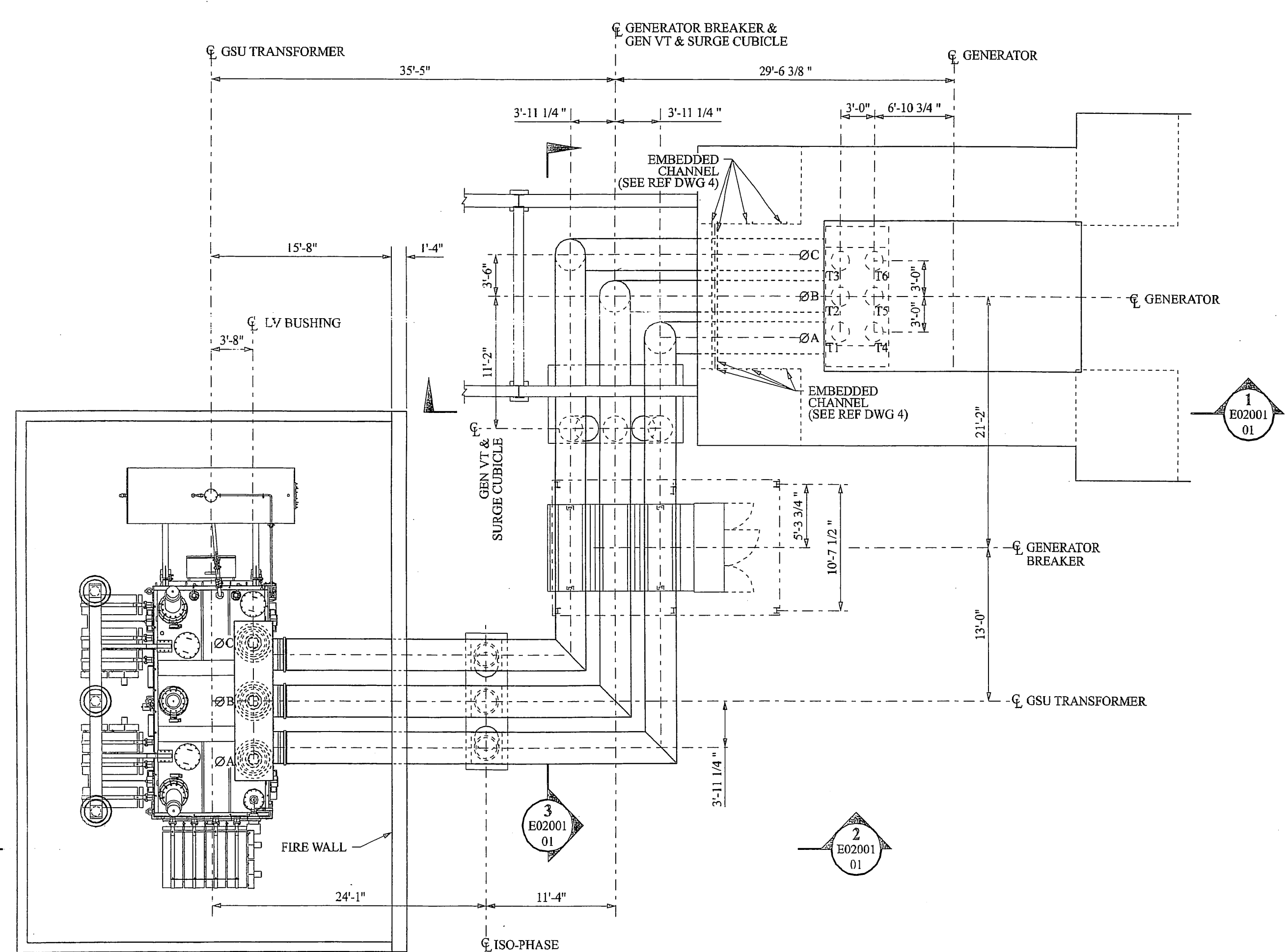
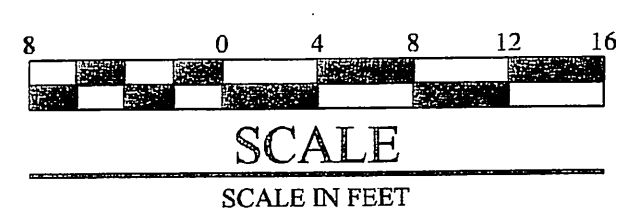
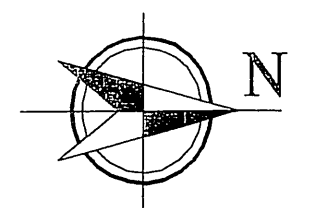
B	AS BUILT	9/12/26	J. FOX	
A	SUBMITTED FOR APPROVAL	9/18/24	J. FOX	-
NO	REVISION	DATE	BY	APR

DA MUNICIPAL POWER AGENCY
TREASURE COAST ENERGY CENTER
FORT PIERCE, FL

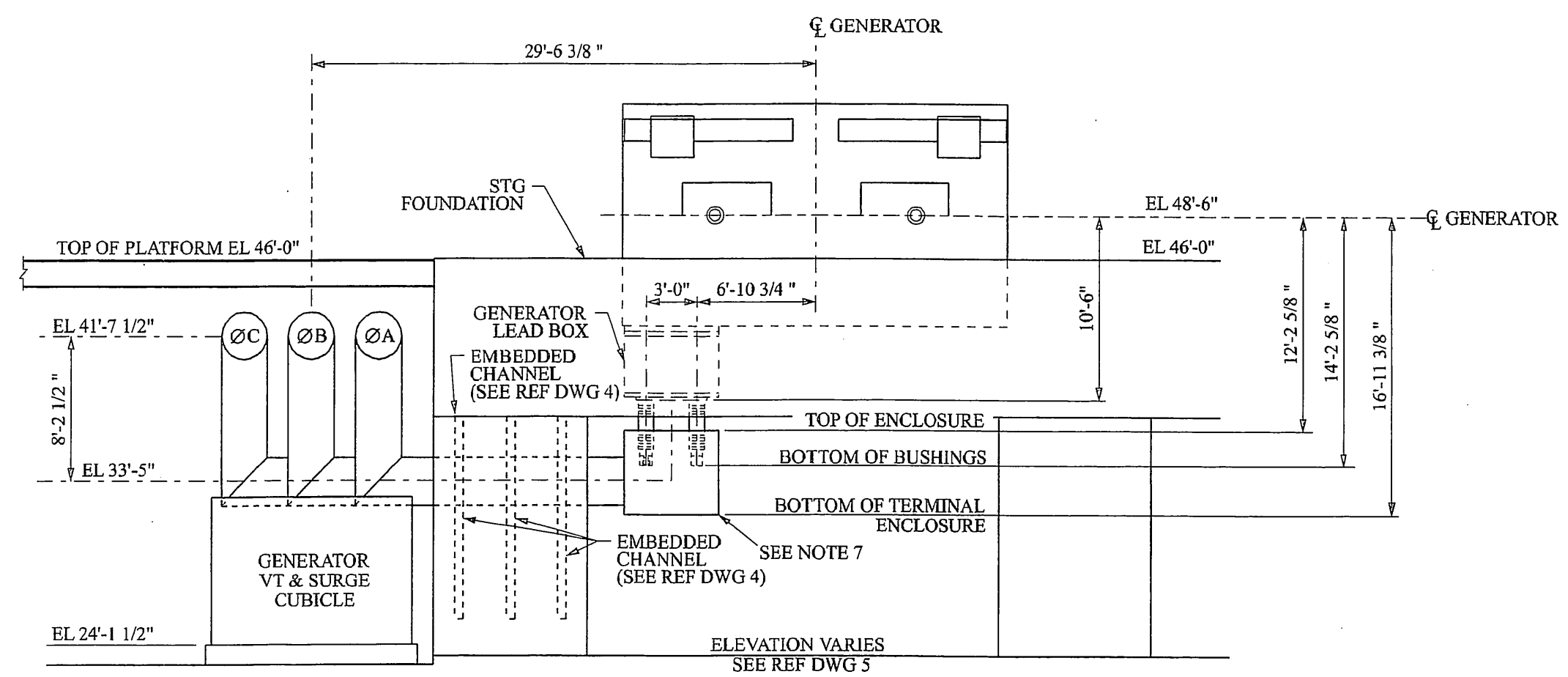
ENGINEERING RECORD	DATE
DESIGNED J. L. FOX	9/18/24
CHECKED -	-
APPROVED -	-
DWG SCALE: 1:1	PLT SCALE: N.T.S.
DWG SIZE: 11x17	

ISOLATED PHASE BUS DUCT (IPB)
GSI TERMINATION MODIFICATION
TYP. FOR BOTH CTG & STG UNITS

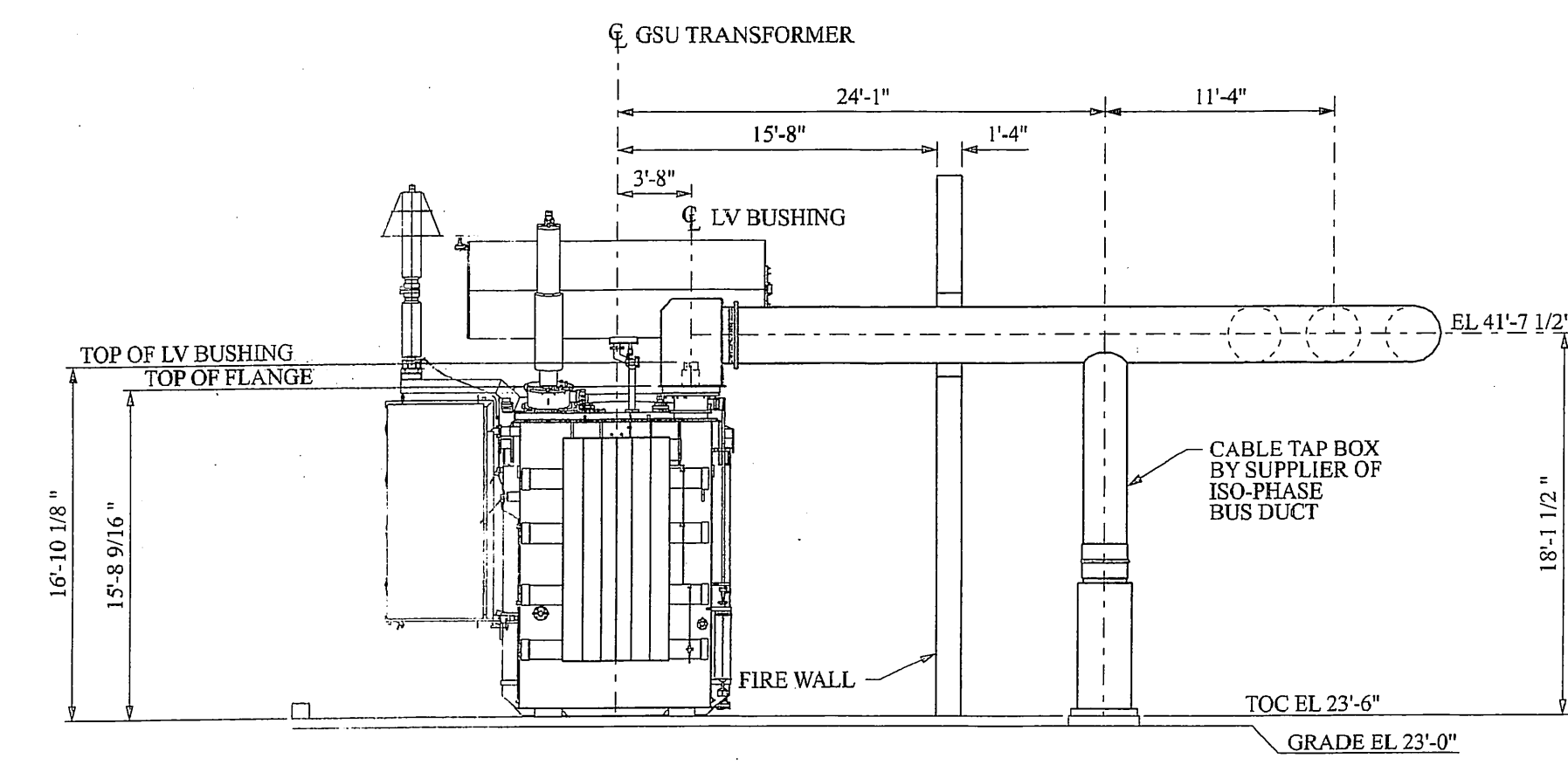
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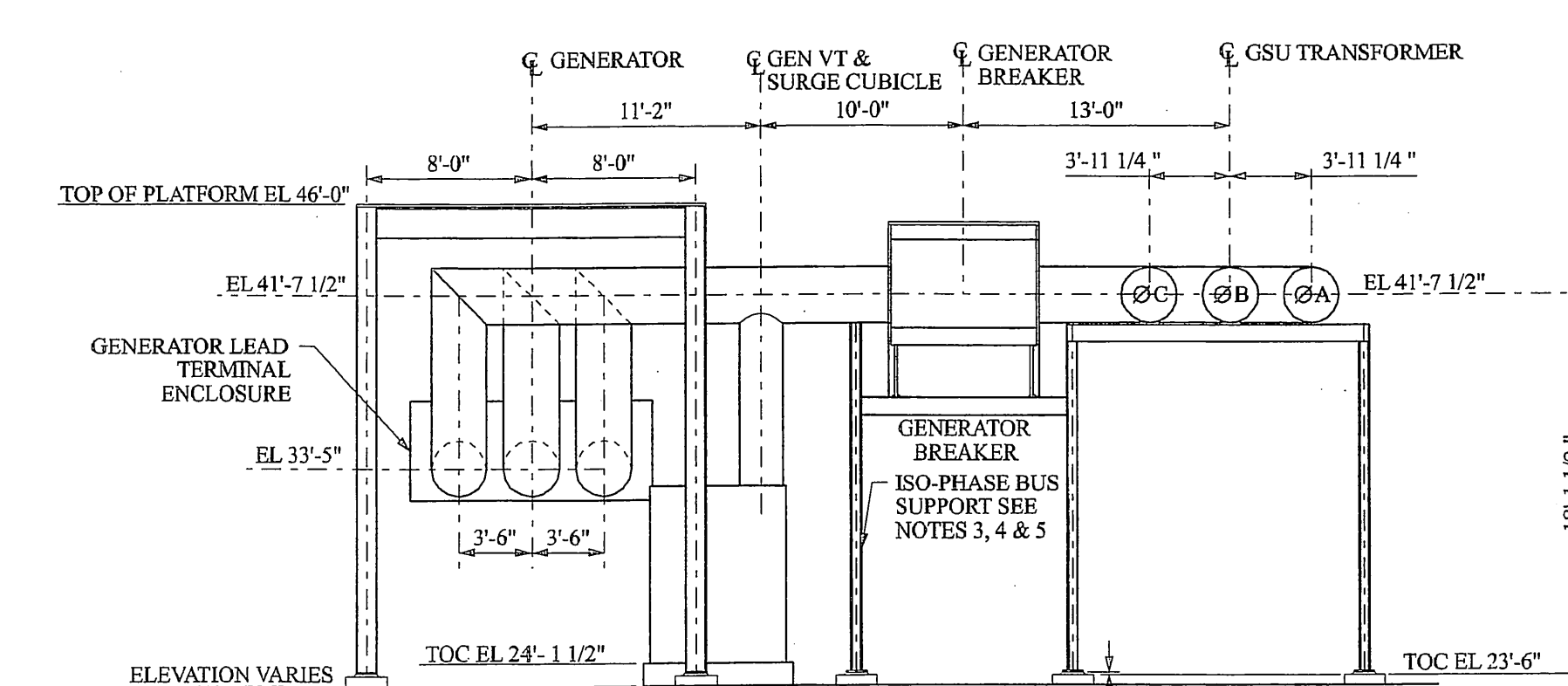
PLAN



SECTION 1
E02001
01



SECTION 2
E02001
01



SECTION 3
E02001
01

GENERAL NOTES

1. SEE ISO-PHASE BUS SPECIFICATION 16452.
2. PROVIDE SLIDING SUPPORT FOR BUS ENCLOSURE AND FIXED SUPPORT FOR CONDUCTOR.
3. PROVIDE FIXED SUPPORT FOR BUS ENCLOSURE AND THE CONDUCTOR.
4. ISO-PHASE BUS SUPPORTS SHALL BE WELDED TO GENERATOR BREAKER PLATFORM STEEL SUPPORT.
5. ISO-PHASE BUS DUCT SUPPORTS SHALL BE PROVIDED BY ISO-PHASE BUS SUPPLIER.
6. TOP OF CONCRETE EL 23'-6" EQUIPMENT BASE LINE EL 23'-7 1/2"
7. TERMINAL ENCLOSURE BY SUPPLIERS OF ISO-PHASE DUCT.

REFERENCE DRAWINGS

1. SITE RELATED WORK
CTGHRSG/STG AREA
GENERAL ARRANGEMENT
D012525-STWL0002 SH01
2. ELECTRICAL CONTROL CONNECTIONS-TURBINE
M012525-TGAA019 SH01
3. ELECTRICAL CONNECTION OUTLINE
M012525-TGAE023 SH01,03,04, & 05
4. STEAM TURBINE GENERATOR GROUT POCKET LOCATIONS
PLAN AND ELEVATION
D012525-TGAS12003 SH06
5. ISO-PHASE BUS GEN LAYOUT
DELTA-UNIBUS CORP.
M012525-GTAA001 SH01 THRU SH04
6. GSU TRANSFORMER'S OUTLINE
GENERAL ELECTRIC PROLEC
M012525-GTBE005 SH01

REVISIONS		DATE	ISSN	CHK	ENGR	APP
NO	REVISIONS					

Florida Municipal Power Agency

The Industrial Company

UTILITY ENGINEERING
5601 WEST INTERSTATE 40, AMARILLO, TEXAS 79106-4065
FLORIDA CERTIFICATE OF AUTHORIZATION #00779

10.25.06

NAME: MAQID ZOUBIN
LICENSE NO: 13500

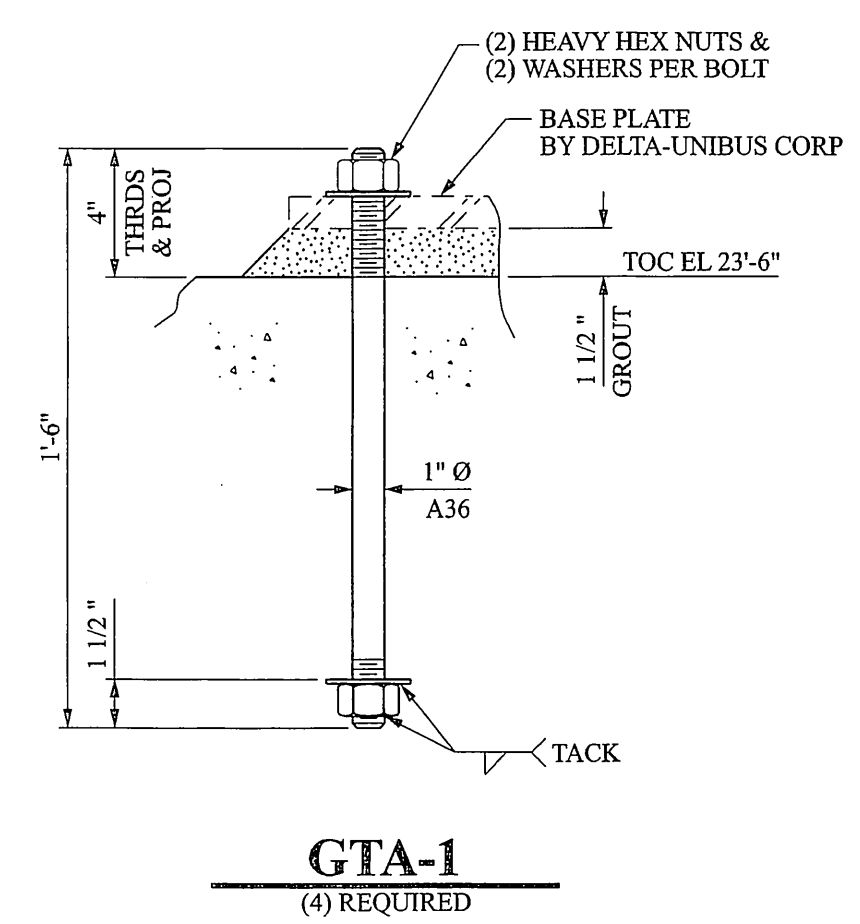
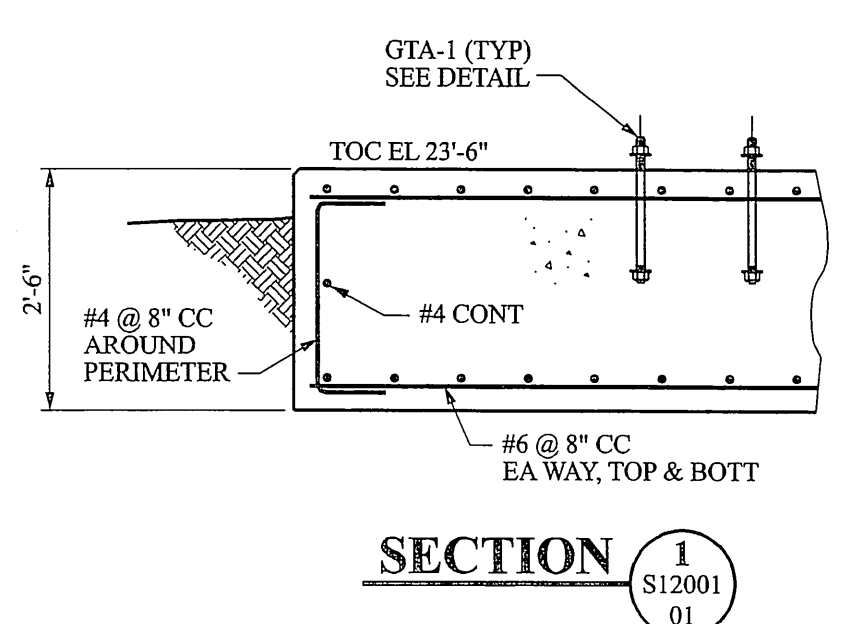
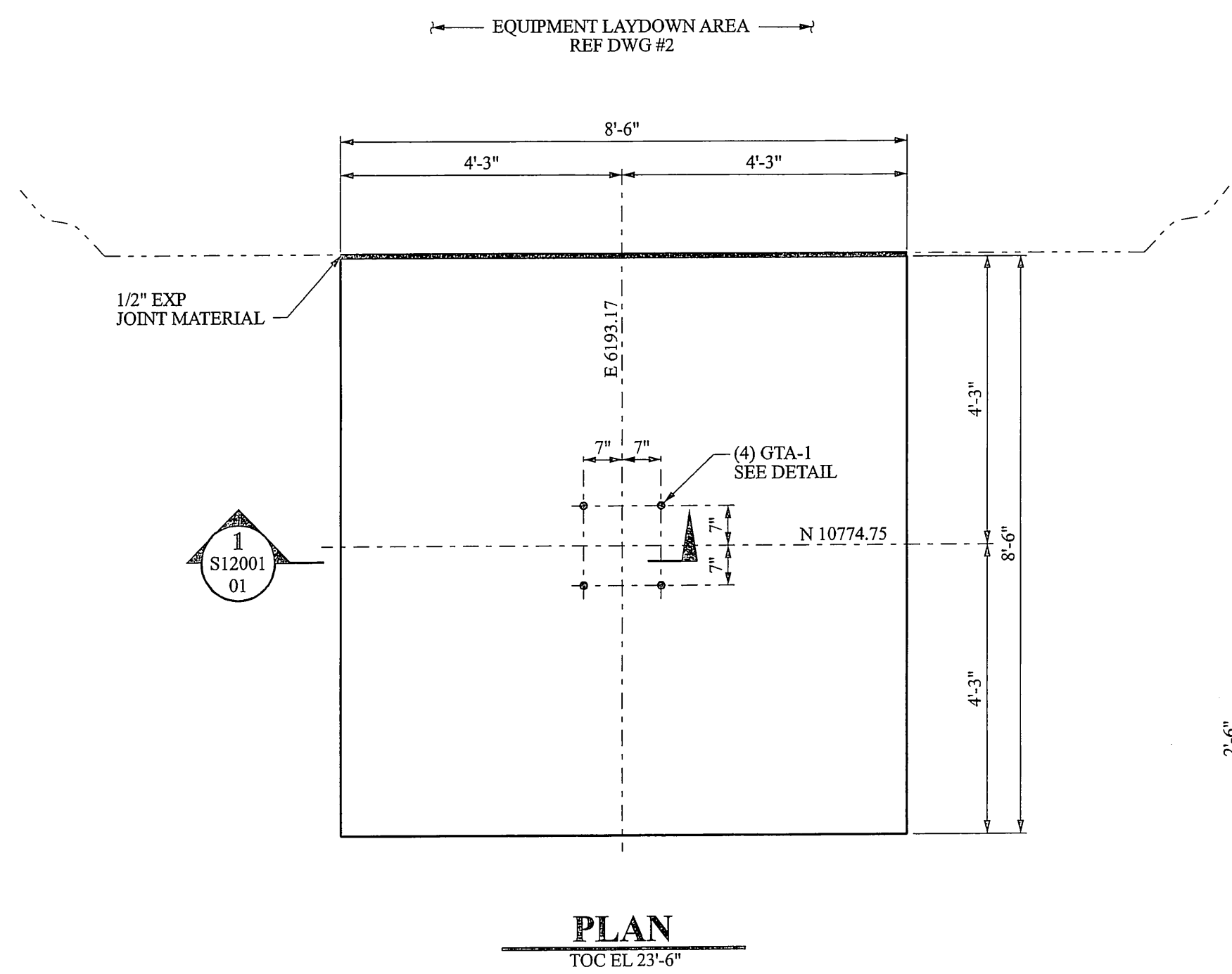
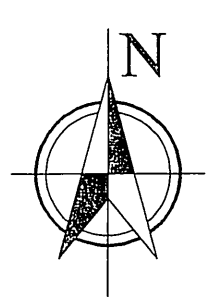
TREASURE COAST ENERGY CENTER, PBI
STEAM TURBINE GENERATOR BUS DUCT
STG ISO-PHASE BUS DUCT
LAYOUT

DRAWN: J. JACKSON
CHECKED: D. DANIEL
DATE: 10-18-06
PROJECT: D012525-GTAE02001
SHEET: 01 OF 0

A B C D E F G H

A B C D E F G H

1
2
3
4
5
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8

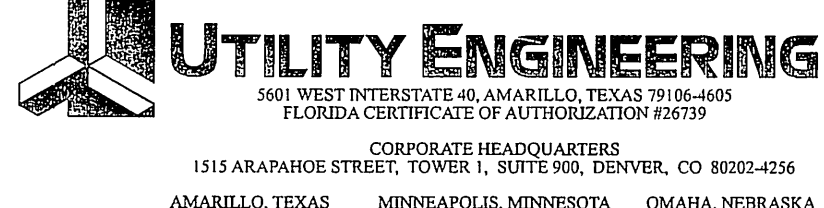


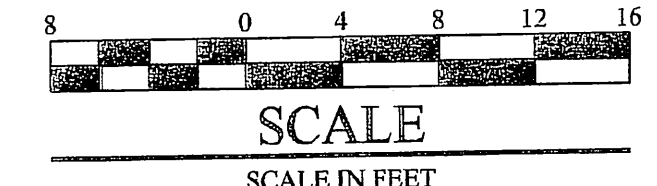
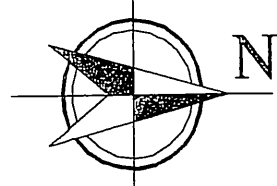
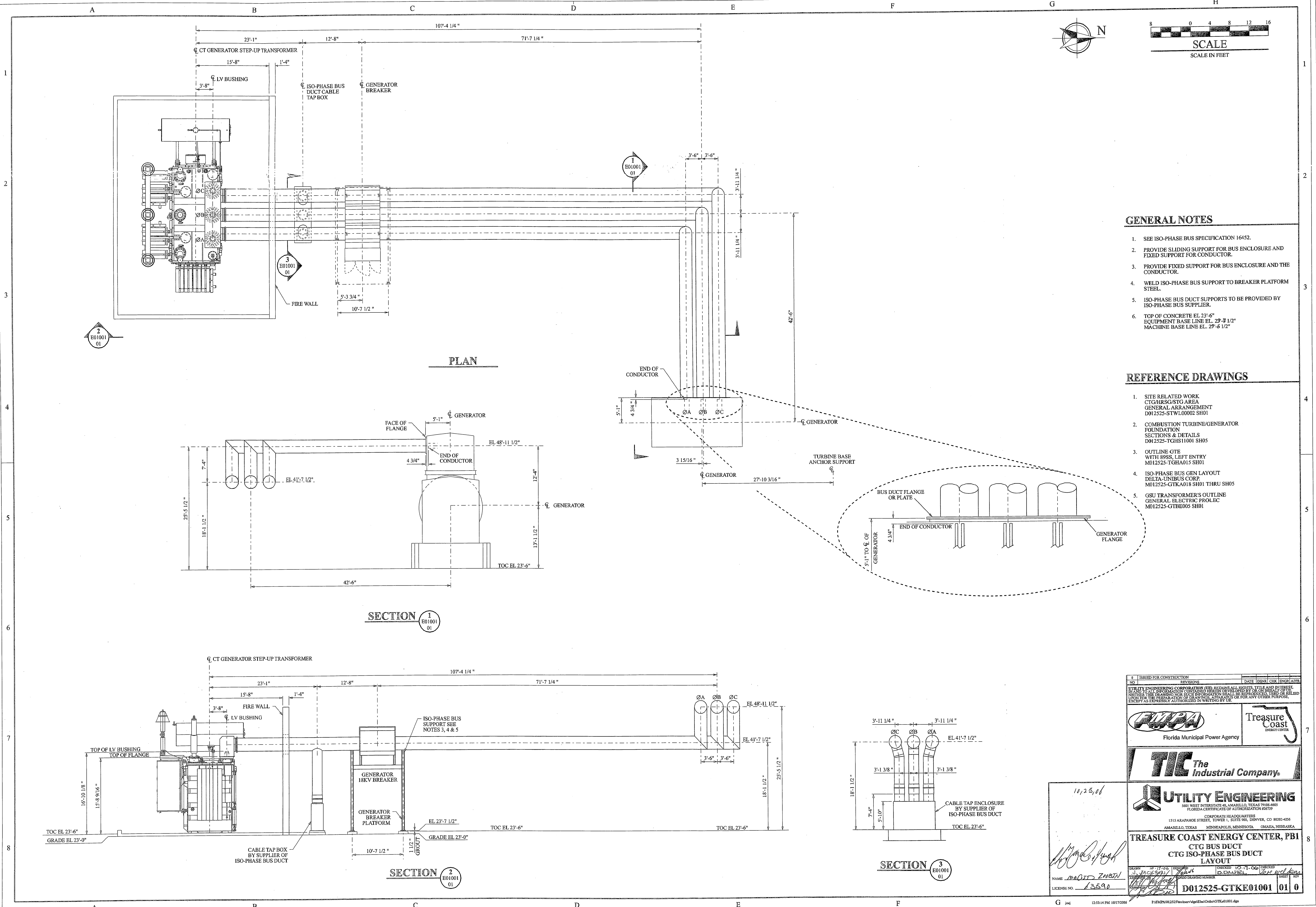
GENERAL NOTES

- FOR GENERAL CONSTRUCTION NOTES, SEE REFERENCE DRAWING #1.

REFERENCE DRAWINGS

- SITE RELATED WORK - GENERAL CONSTRUCTION NOTES
D012525-STWS00001 SH01
- SITE RELATED WORK - CTG/HRSG/STG AREA
GENERAL ARRANGEMENT
D012525-STWL00002 SH01
- DELTA UNIBUS CORP.
GENERAL LAYOUT OF ISO-PHASE BUS
M012525-GTAA001 S01 RB
- DELTA UNIBUS CORP.
ANCHOR BOLTS & CONNECTION LAYOUTS
OF ISO-PHASE BUS SUPPORT
- M012525-GTAA002 S01 RA1
- M012525-GTAA002 S02 RB

0 ISSUED FOR CONSTRUCTION		REVISIONS		DATE		DSNR	CHK	ENGR	APPR
UTILITY ENGINEERING CORPORATION (UEC) RETAINS ALL RIGHTS, TITLE AND INTEREST IN AND TO ALL INFORMATION CONTAINED HEREIN DEVELOPED BY OR ON BEHALF OF UE. NEITHER THIS DRAWING NOR SUCH INFORMATION SHALL BE REPRODUCED, USED OR RELIED UPON FOR THE PREPARATION OF DRAWINGS, SPECIFICATIONS OR FOR ANY OTHER PURPOSE, EXCEPT AS EXPRESSLY AUTHORIZED IN WRITING BY UE.									
 Florida Municipal Power Agency					 Treasure Coast ENERGY CENTER				
 The Industrial Company									
 UTILITY ENGINEERING 5601 WEST INTERSTATE 40, AMARILLO, TEXAS 79166-4605 FLORIDA CERTIFICATE OF AUTHORIZATION #26739 CORPORATE HEADQUARTERS 1315 ARAPAHOE STREET, TOWER 1, SUITE 300, DENVER, CO 80202-4256 AMARILLO, TEXAS MINNEAPOLIS, MINNESOTA OMAHA, NEBRASKA									
TREASURE COAST ENERGY CENTER, PB1 STEAM TURBINE GENERATOR BUS DUCT ISO-PHASE BUS DUCT FOUNDATION PLAN, SECTIONS & DETAILS									
DRAWN P.D.O. 012507		DESIGNED 1-30-07		CHECKED 7-29-07		CHECKED 1-30-07		REV	
NAME David K. Vanden		DRAWN BY David K. Vanden		CHECKED BY David K. Vanden		DATE 1-30-07		SHEET 01	
LICENSE NO. ST168		CARD DRAWING NUMBER D012525-GTAS12001		SHEET 01		REV 0			



GENERAL NOTES

- 1. SEE ISO-PHASE BUS SPECIFICATION 16452.
- 2. PROVIDE SLIDING SUPPORT FOR BUS ENCLOSURE AND FIXED SUPPORT FOR CONDUCTOR.
- 3. PROVIDE FIXED SUPPORT FOR BUS ENCLOSURE AND THE CONDUCTOR.
- 4. WELD ISO-PHASE BUS SUPPORT TO BREAKER PLATFORM STEEL.
- 5. ISO-PHASE BUS DUCT SUPPORTS TO BE PROVIDED BY ISO-PHASE BUS SUPPLIER.
- 6. TOP OF CONCRETE EL 23'-6" EQUIPMENT BASE LINE EL. 23'-3 1/2" MACHINE BASE LINE EL. 29'-6 1/2"

REFERENCE DRAWINGS

- 1. SITE RELATED WORK CTG/HRSG/STG AREA GENERAL ARRANGEMENT D012525-STWL00002 SH01
- 2. COMBUSTION TURBINE/GENERATOR FOUNDATION SECTIONS & DETAILS D012525-TGHS11001 SH05
- 3. OUTLINE GTE WITH 89SS, LEFT ENTRY M012525-TGHA015 SH01
- 4. ISO-PHASE BUS GEN LAYOUT DELTA-UNIBUS CORP. M012525-GTKA018 SH01 THRU SH05
- 5. GSU TRANSFORMER'S OUTLINE GENERAL ELECTRIC PROLEC M012525-GTBE005 SH01

0 ISSUED FOR CONSTRUCTION

NO REVISIONS

DATE 10/12/06

CHK ENGR ADV

Treasure Coast ENERGY CENTER

Florida Municipal Power Agency

The Industrial Company.

UTILITY ENGINEERING

5801 WEST INTERSTATE 40, AMARILLO, TEXAS 79109-4600

FLORIDA CERTIFICATE OF AUTHORIZATION #26719

CORPORATE HEADQUARTERS 1515 ARAPAHOE STREET, TOWER 1, SUITE 900, DENVER, CO 80202-4256

AMARILLO, TEXAS MINNEAPOLIS, MINNESOTA OMAHA, NEBRASKA

10/25/06

NAME MARIO ZUBER

LICENSE NO. 12590

10-17-06

DESIGNED J. JACKSON

10-17-06

CHECKED D. DANIEL

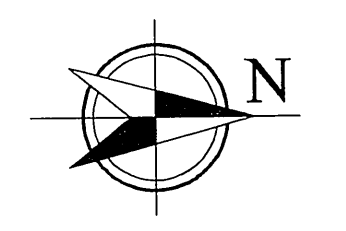
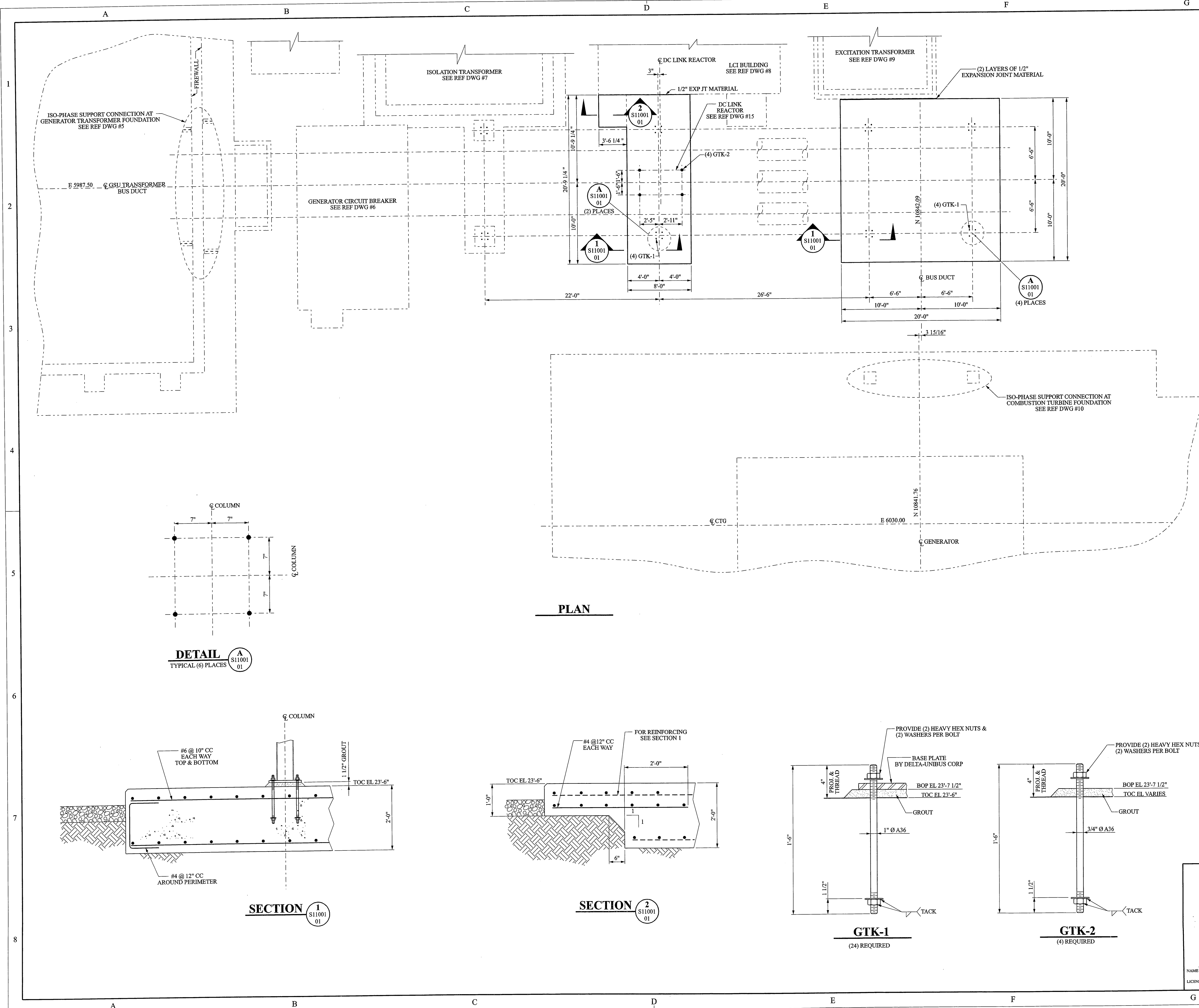
10-17-06

DATE W. WILSON

10-17-06

PROJECT NO. D012525-GTKE01001

SHEET 01 OF 0

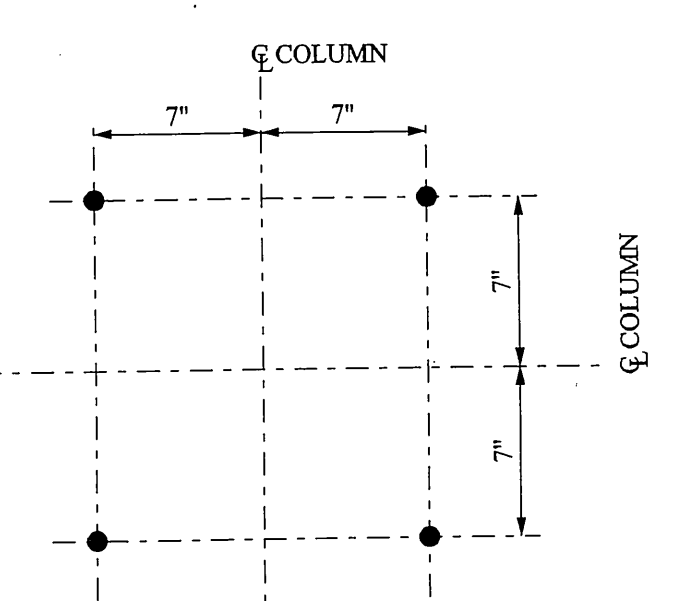


GENERAL NOTES

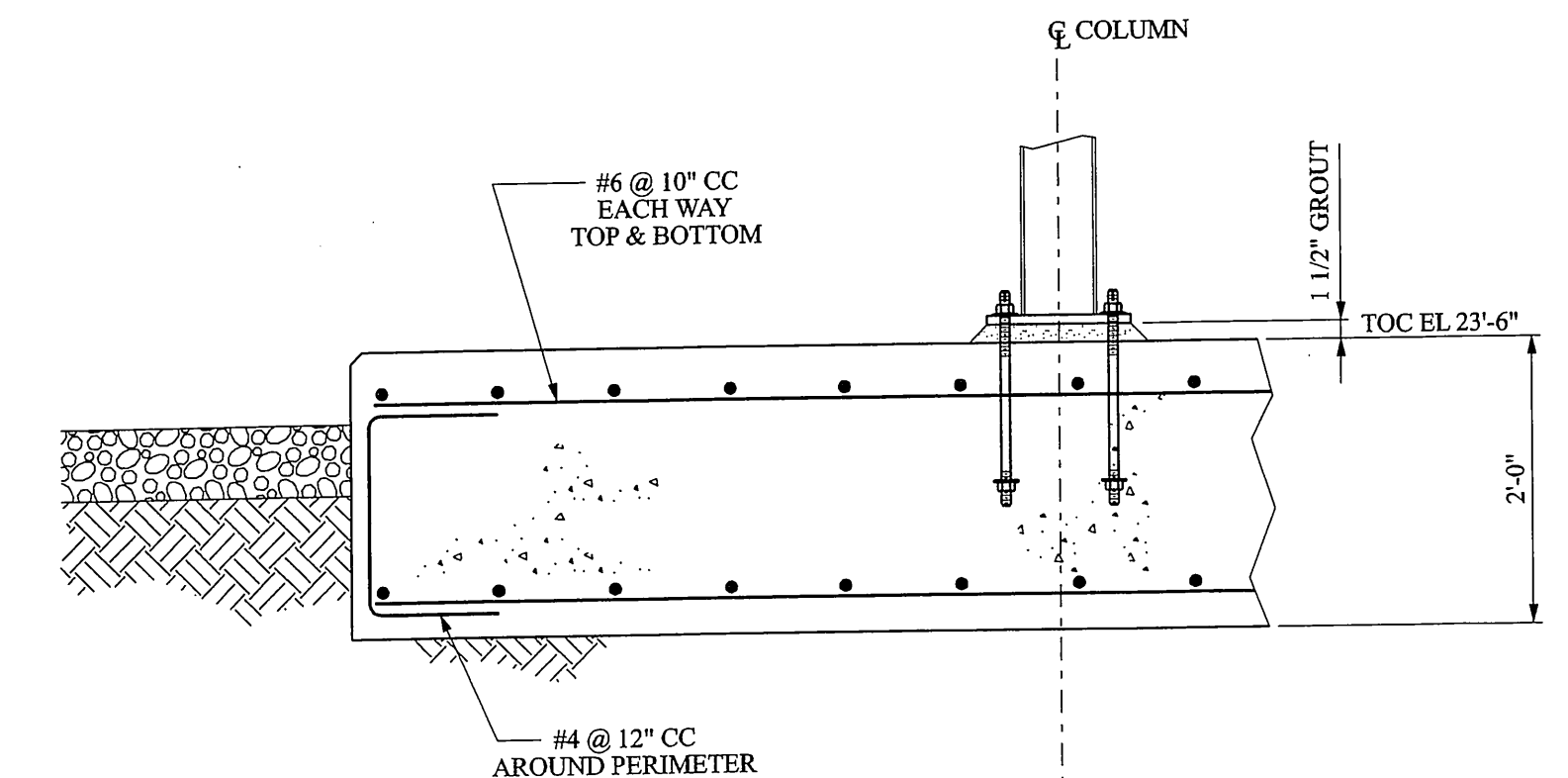
- FOR GENERAL CONSTRUCTION NOTES SEE REF DWG #1.
- FOR PENETRATIONS THROUGH FOUNDATIONS SEE REF DWG #12.

REFERENCE DRAWINGS

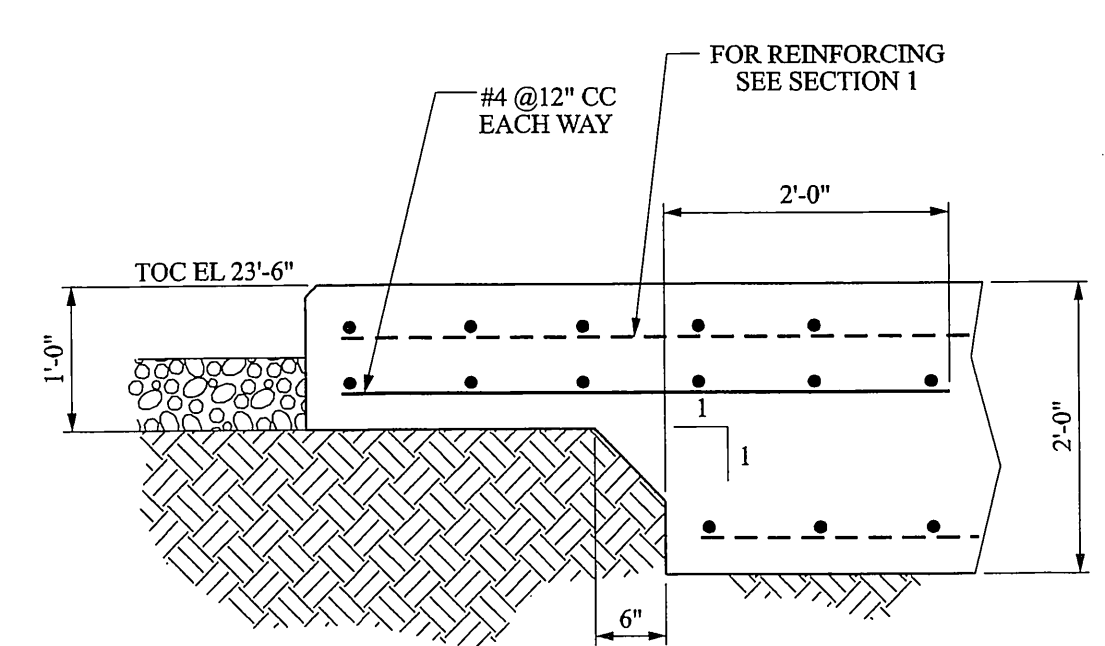
- SITE RELATED WORK - GENERAL CONSTRUCTION NOTES
D012525-STWS00001 SH01
- SITE RELATED WORK - GENERAL CONCRETE DETAILS
D012525-STWS10001 SH01
- SITE RELATED WORK - GENERAL STEEL DETAILS
D012525-STWS20001 SH01
- SITE RELATED WORK - CTG/HRS/STG AREA
GENERAL ARRANGEMENT
D012525-STWL00002 SH01
- GENERATOR TRANSFORMER (GSU)
CTG GSU FOUNDATION, SECTIONS, & DETAILS
D012525-GTBS11001 SH03
- GENERATOR CIRCUIT BREAKER
CTG CIRCUIT BREAKER FOUNDATION - PLAN & SECTION
D012525-GTBS11001 SH01
- COMBUSTION TURBINE GENERATOR
ISOLATION TRANSFORMER FOUNDATION -
PLAN, SECTION, & DETAILS
D012525-TGHS11005 SH01
- COMBUSTION TURBINE GENERATOR
LOAD COMPARTMENT INVERTER (LCI) FOUNDATION
PLAN, SECTIONS, & DETAILS
D012525-TGHS11007 SH01
- COMBUSTION TURBINE GENERATOR
EXCITATION TRANSFORMER- PLAN, SECTIONS, & DETAILS
D012525-TGHS11007 SH01
- COMBUSTION TURBINE GENERATOR
FOUNDATION- PLAN, SECTIONS, & DETAILS
D012525-TGHS11001 SH03
- UNDERGROUND UTILITIES - ZONE 5
PLAN VIEW
D012525-STUL10105 SH01
- UNDERGROUND UTILITIES - ZONE 6
PLAN VIEW
D012525-STUL10106 SH01
- DELTA-UNIBUS CORP
GENERAL LAYOUT OF ISO-PHASE BUS
M012525-GTKA018 SH01 RA
M012525-GTKA018 SH02 RA
M012525-GTKA018 SH03 RA
M012525-GTKA018 SH04 RA
M012525-GTKA018 SH05 RA
- DELTA-UNIBUS CORP
ANCHOR BOLTS & CONNECTION LAYOUTS OF
ISO-PHASE BUS SUPPORT
M012525-GTKA019 SH01 RA
M012525-GTKA019 SH02 RA
M012525-GTKA019 SH03 RA1
- GE ENERGY
DC REACTOR
M012525-TGHA022 SH01 R1



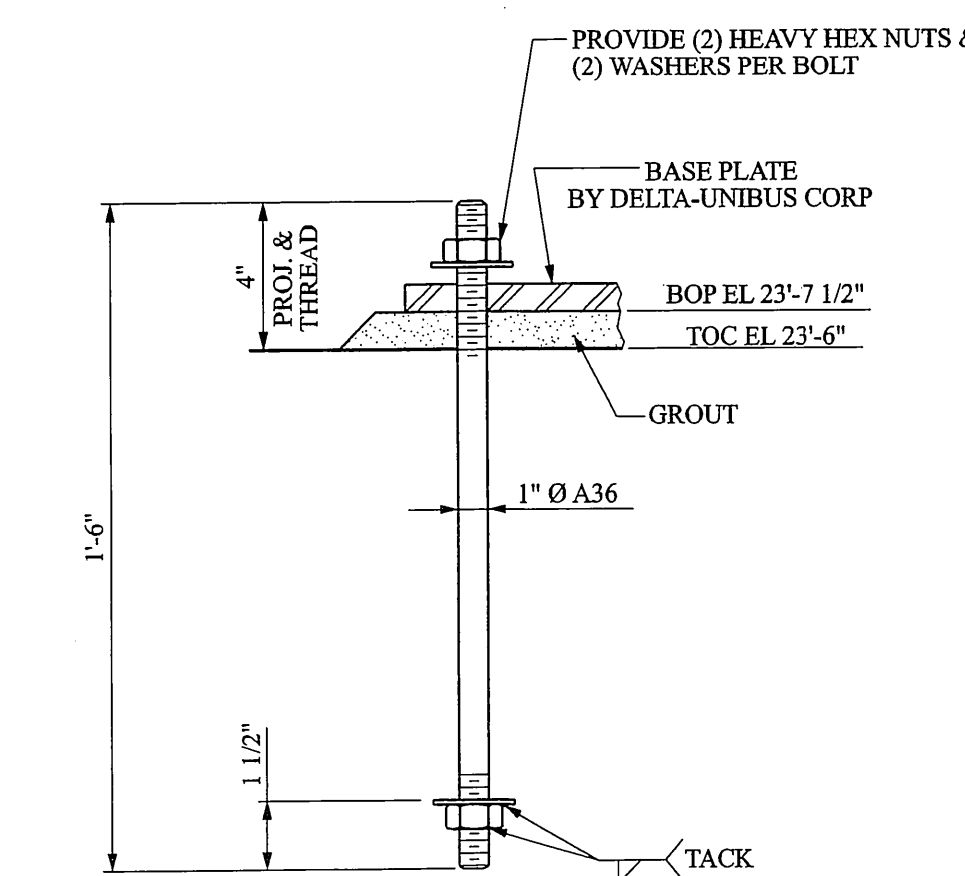
DETAIL
TYPICAL (6) PLACES



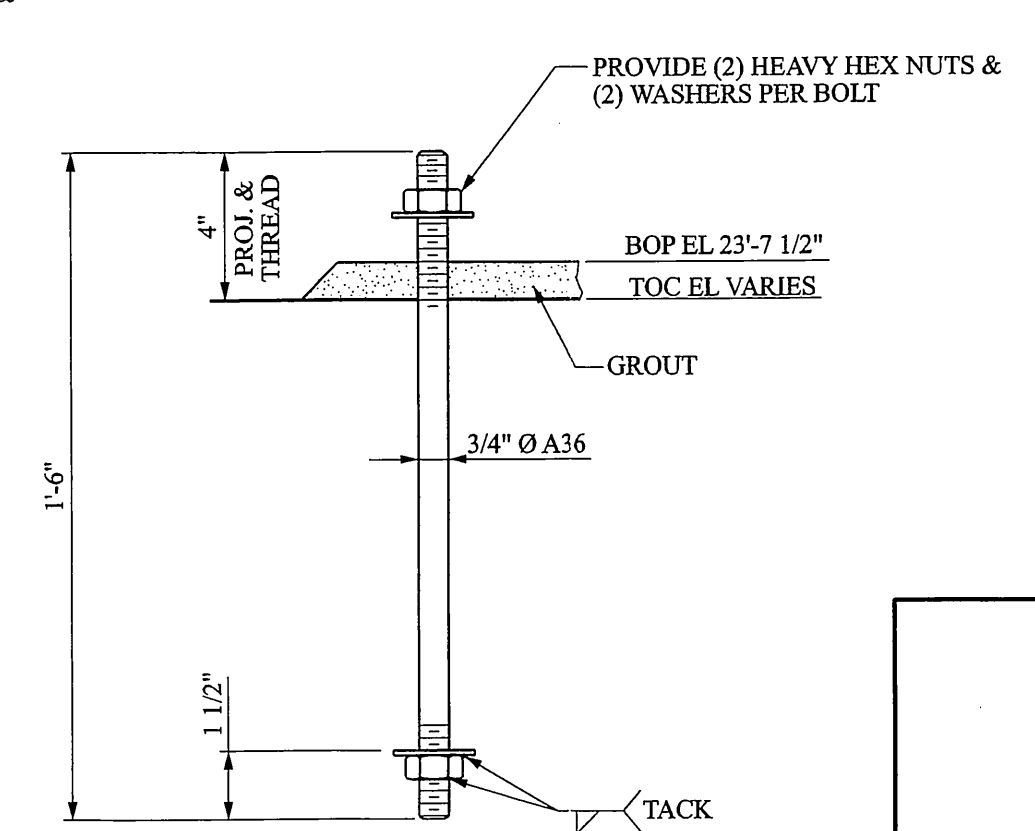
SECTION 1
S11001 01



SECTION 2
S11001 01



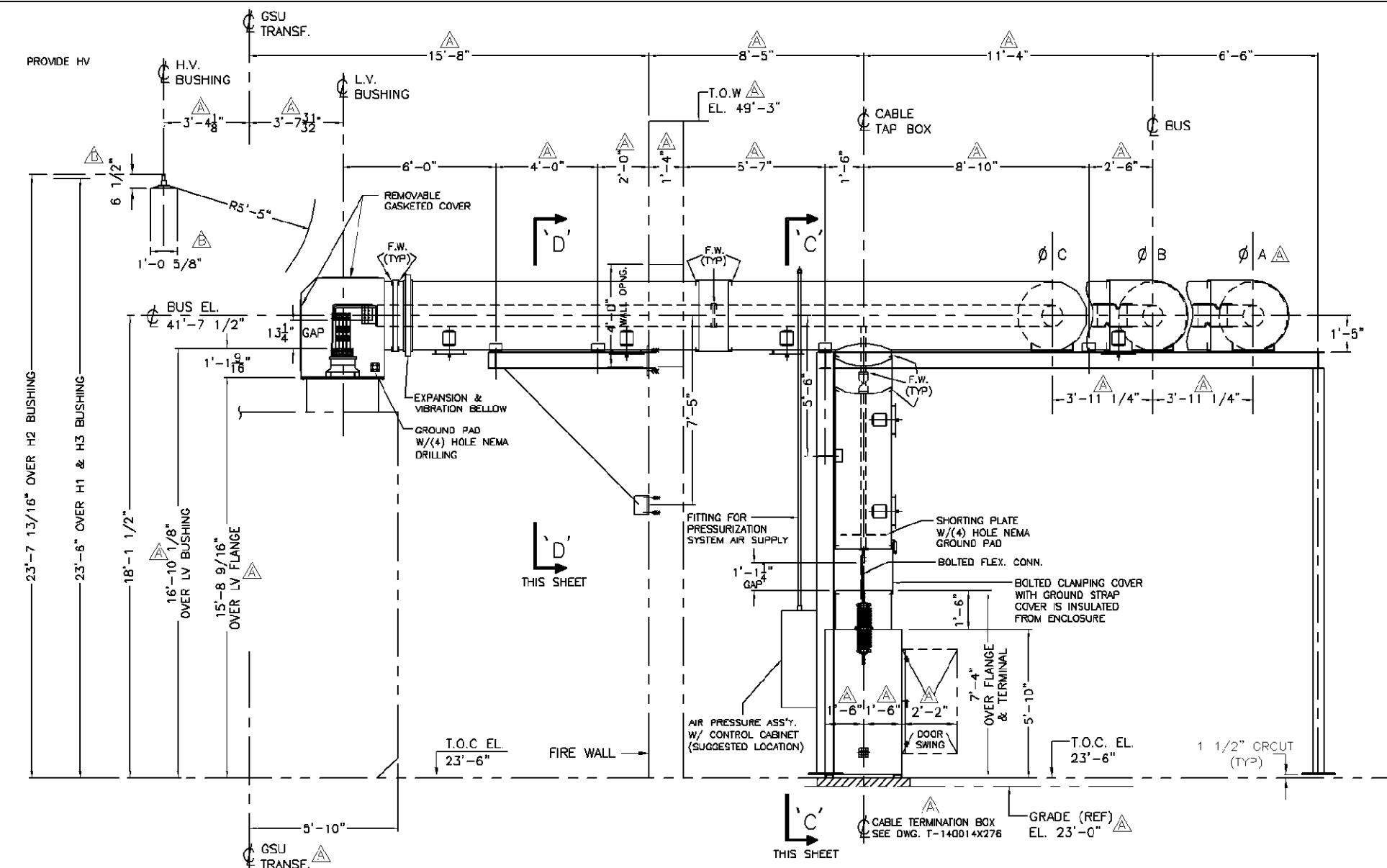
GTK-1
(24) REQUIRED



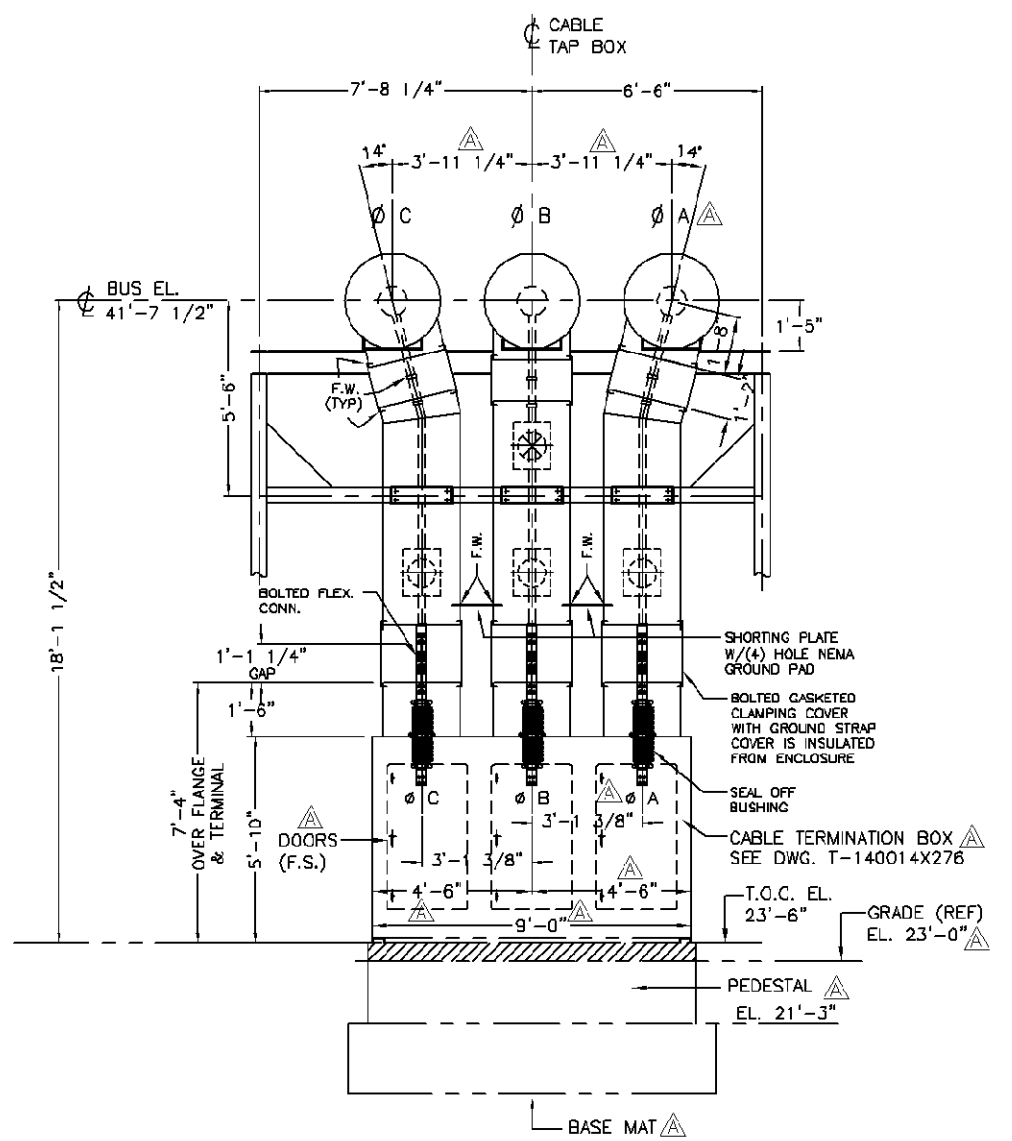
GTK-2
(4) REQUIRED

ISSUED FOR CONSTRUCTION		DATE		DSN	CHK	IGNR	APPR
REVISIONS							
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EMPA		Treasure Coast ENERGY CENTER					
Florida Municipal Power Agency							
TIC The Industrial Company							
UTILITY ENGINEERING							
5001 WEST INTERSTATE 40, AMARILLO, TEXAS 79106-4605 FLORIDA CERTIFICATE OF AUTHORIZATION #26739							
CORPORATE HEADQUARTERS 1515 ARAPAHOE STREET, TOWER 1, SUITE 900, DENVER, CO 80202-4256 AMARILLO, TEXAS MINNEAPOLIS, MINNESOTA OMAHA, NEBRASKA							
TREASURE COAST ENERGY CENTER, PBI CTG BUS DUCT ISOLATED-PHASE BUS DUCT FOUNDATION PLAN, SECTIONS, & DETAILS							
DRAWN: <i>David K. [Signature]</i>		DESIGNED: <i>[Signature]</i>		CHECKED: <i>[Signature]</i>		DATE: 1-19-04	
LICENSE NO. 57118		PROJECT NUMBER		SHEET		REV	
		D012525-GTKS11001		01		0	

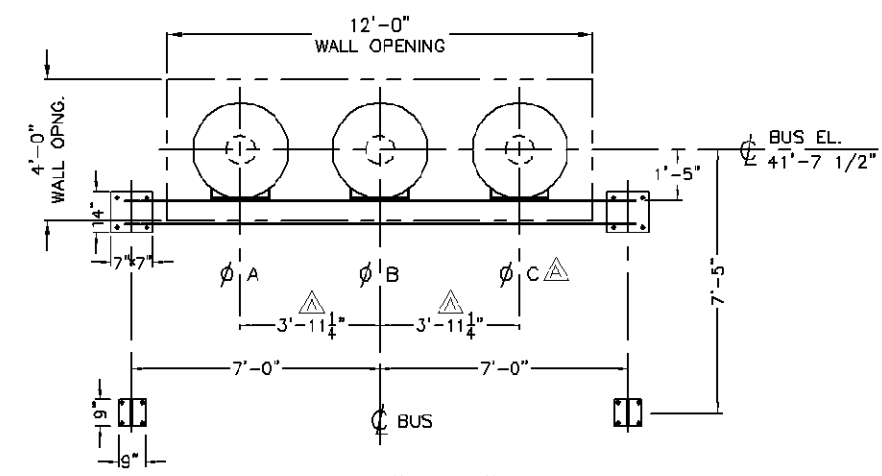
NAME: *David K. [Signature]*
LICENSE NO.: 57118
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ELEVATION VIEW "A-A"
FROM SHEET 1



VIEW "C-C"
FROM SHEET 1 & THIS SHEET



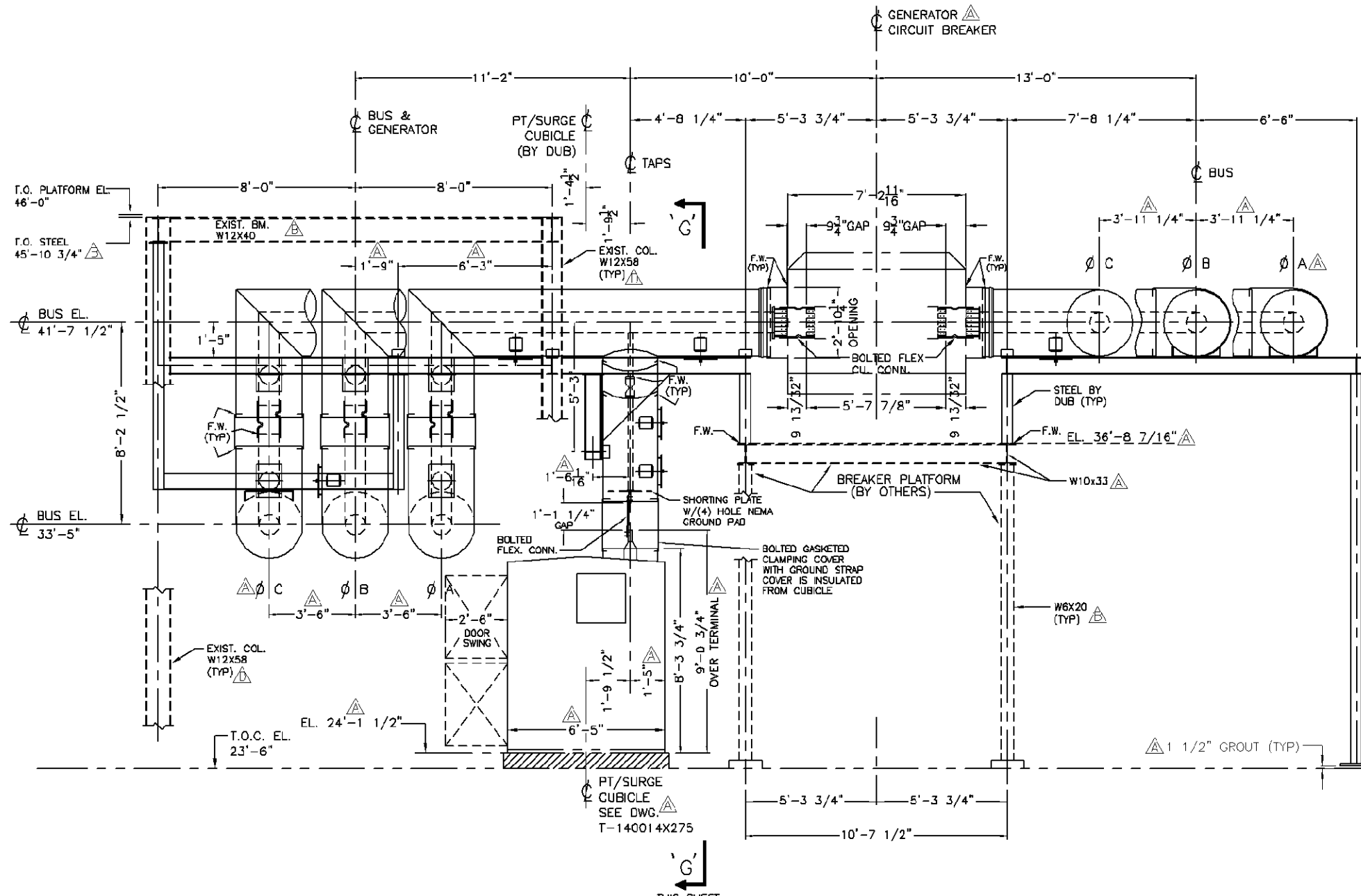
VIEW "D-D"
FROM SHEET 1 & THIS SHEET

REV	DATE	DESCRIPTION	OWN	APP'D.	RC'D
D	3-01-07	REVISED PER APPROVAL OF 2-27-07	RD	JIN	
C	1-29-07	REVISED PER APPROVAL OF 1-26-07	RD	JIN	
B	1-09-07	REVISED PER APPROVAL OF 11-17-06	RD	JIN	
A	10-07-06	REVISED PER APPROVAL OF 10-04-06	BSS	JIN	

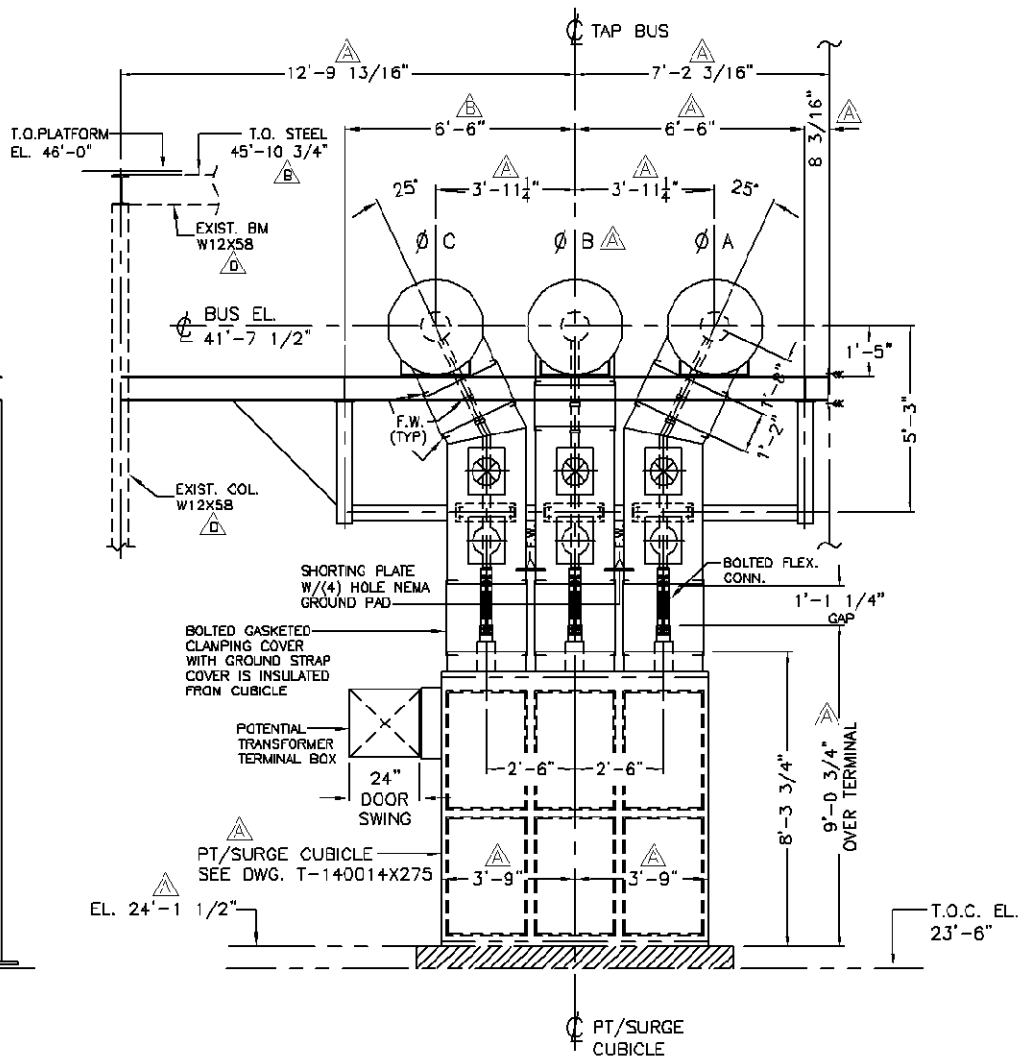
P.O. #52034-800010			
TIC/TREASURE COAST ENERGY-UNIT 1 FORT PIERCE, FLORIDA STG UNIT 1			
F.M.F. J.O. #D-6422		DELTA-UNIBUS CORP. CHICAGO, ILLINOIS 60131	
THIS DRAWING IS THE PROPERTY OF THE DELTA UNIBUS CORPORATION, AND MAY NOT BE REPRODUCED IN ANY MANNER OR USED FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED BY THE DELTA UNIBUS CORPORATION.		GENERAL LAYOUT OF ISO-PHASE BUS	
DATE 07-25-06	DESIGN BY SBR	SIZE D	DWG. NO. U - 126828
CHK. R2			REV. D
APPROVAL <i>Rogier</i>	AutoCAD #: U-126828 SH2.DWG		SHEET 2 OF 4

Review does not relieve contractor from responsibility for errors or deviations from contract requirements.

NO EXCEPTIONS NOTED
Release for manufacture



ELEVATION VIEW "B-B"
FROM SHEET 1



VIEW "G-G"
FROM SHEET 1 & THIS SHEET

REV.	DATE	DESCRIPTION	OWN	APP'D.	RC'D.
D	3-01-07	REVISED PER APPROVAL OF 2-27-07	RD	JMN	
C	1-28-07	REVISED PER APPROVAL OF 1-28-07	RD	JMN	
B	1-08-07	REVISED PER APPROVAL OF 11-17-06	RD	JMN	
A	10-07-06	REVISED PER APPROVAL OF 10-04-06	BSS	JMN	

REVISION RECORD

P.O. #52034-800010			
TIC/TREASURE COAST ENERGY-UNIT 1 FORT PIERCE, FLORIDA STG UNIT 1			
J.O. #D-6422		DELTA-UNIBUS CORP. CHICAGO, ILLINOIS 60131	
THIS DRAWING IS THE PROPERTY OF THE DELTA UNIBUS CORPORATION, AND MAY NOT BE REPRODUCED IN ANY MANNER OR USED FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED BY THE DELTA UNIBUS CORPORATION.		GENERAL LAYOUT OF ISO-PHASE BUS	
DATE: 07-25-06	DESIGN: SBR	SIZE: D	DWG. NO.: U - 126828
CHK: R2	APPV: R2	AutoCAD #: U-126828 SH3.DWG	SHEET 3 OF 4

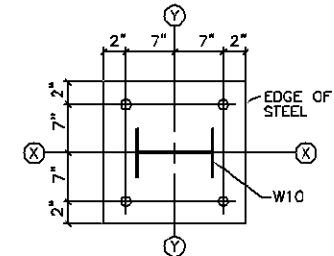
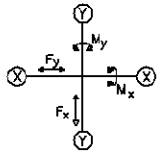
Review does not relieve contractor from responsibility for errors or deviations from contract requirements.

NO EXCEPTIONS NOTED
Release for manufacture

FOOTING LOAD TABLE															
FOOTING/ CONNECTION MARK	VERTICAL LOADS			HORIZONTAL LOADS											
	DEAD LOAD STRUCT k	DEAD LOAD EQUIP k	ICE OR SNOW k	ABOUT X-X AXIS						ABOUT Y-Y AXIS					
				WIND			SEISMIC			WIND			SEISMIC		
				SHEAR F _x (k)	O.T.M M _x (k')	* (k)	SHEAR F _x (k)	O.T.M M _x (k')	* (k)	SHEAR F _y (k)	O.T.M M _y (k')	* (k)	SHEAR F _y (k)	O.T.M M _y (k')	* (k)
CONN."A"															
CONN."B"															
CONN."C"	0.5	1.0	—	1.1	3.8	—	0.1	0.5	—	2.1	2.2	—	0.1	0.5	—
CONN."E"	0.5	0.5	—	1.0	—	—	0.1	—	—	0.2	—	—	0.1	—	—
CONN."F"	0.5	0.7	—	1.6	—	—	0.1	—	—	0.8	—	—	0.1	—	—
CONN."G"	0.5	1.5	—	2.5	—	—	0.2	—	—	0.8	—	—	0.2	—	—
CONN."H"	0.3	0.5	—	0.2	1.5	—	0.1	0.7	—	0.8	6.6	—	0.1	0.7	—
CONN."J"	0.3	1.0	—	0.8	4.8	—	0.1	0.7	—	1.5	9.5	—	0.1	0.7	—
CONN."K"															
FTG."D"/"D1"	1.0	1.7	—	2.6	16.7	6.1	0.3	2.5	0.6	2.6	15.0	4.5	0.2	1.2	0.5

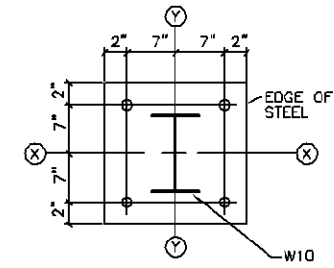
FOOTING LOAD NOTES:

1. LOADS & SHEARS ARE GIVEN IN KIPS.
2. O.T.M. DENOTES OVERTURNING MOMENT & IS GIVEN IN KIP-Feet.
3. * DENOTES VERTICAL LOAD, EITHER COMPRESSION OR UPLIFT DUE TO WIND OR SEISMIC LOADS.
4. WIND LOADS ARE BASED ON THE ASCE 7-05 CODE. WIND VELOCITY = 140 M.P.H., OCCUPANCY CATEGORY IV. EXPOSURE CATEGORY C, IMPORTANCE FACTOR, I = 1.15
5. SEISMIC LOADS ARE BASED ON THE ASCE 7-05 CODE AND THE 2004 FLORIDA BUILDING CODE. SITE CLASS D, SEISMIC DESIGN CATEGORY A, OCCUPANCY CATEGORY IV. IMPORTANCE FACTOR, I = 1.50
6. SEE DRAWING #U-126828 FOR ISO-PHASE BUS GENERAL LAYOUT.



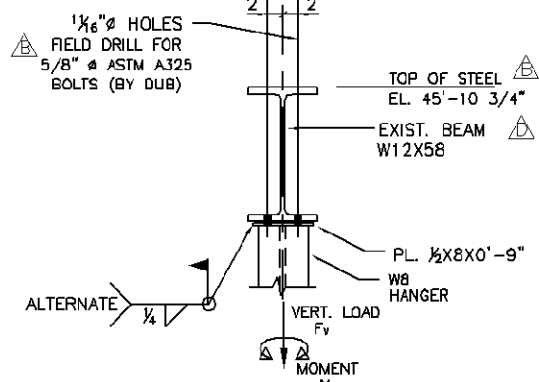
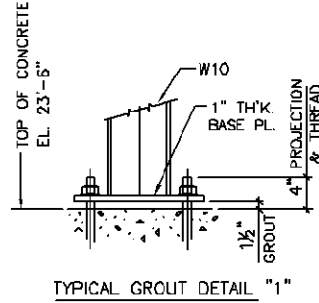
FOOTING 'D' - 2 REQ'D.

- (4) 1" DIA. ANCHOR BOLTS (BY OTHERS)
4" PROJECTION ABOVE TOP OF CONCRETE ELEV. (SEE TYPICAL GROUT DETAIL "1")



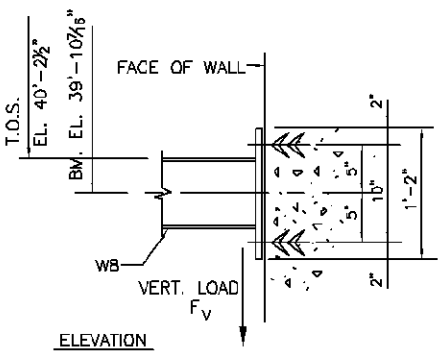
FOOTING 'D1' - 1 REQ'D.

- (4) 1" DIA. ANCHOR BOLTS (BY OTHERS)
4" PROJECTION ABOVE TOP OF CONCRETE ELEV. (SEE TYPICAL GROUT DETAIL "1")



CONN. 'H' - 1 REQ'D.

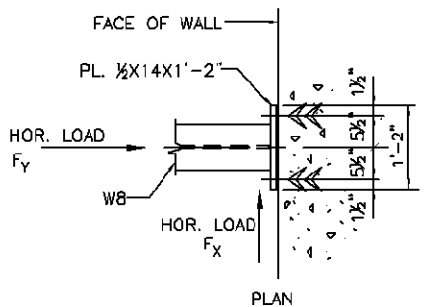
- MAX. VERT. LOAD, F_v = 4.0 K
SEISMIC LOADS:
HORIZ. LOAD, F_x 0.4 K
VERT. LOAD, F_y ±1.2 K
BENDING. MOMENT, M 0.6 K



CONN. 'A' - 2 REQ'D.

- (4) 3/4" DIA. EXP. ANCHORS W/ 4 3/4" EMBED. (BY OTHERS)
DEAD LOADS(STRUCT. + BUS):
VERT. LOAD, F_v = 0.5 K
HOR. LOAD, F_y = 1.0 K

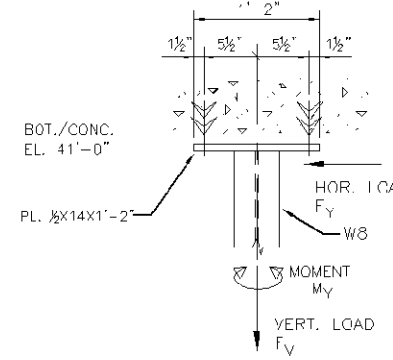
- SEISMIC LOADS:
HOR. LOAD, F_x = 0.1 K
HOR. LOAD, F_y = 0.1 K
B. MOMENT, M_x = 0.5 FT. K



CONN. 'G' - 1 REQ'D.

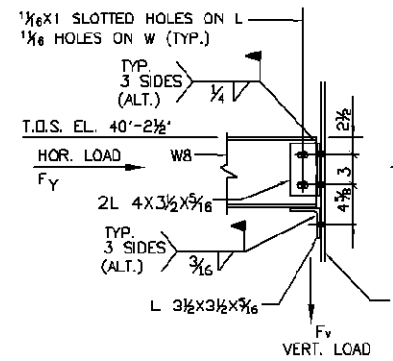
- (4) 3/4" DIA. EXP. ANCHORS W/ 4 3/4" EMBED. (BY OTHERS)
DEAD LOADS(STRUCT. + BUS):
VERT. LOAD, F_v = 1.0 K
HOR. LOAD, F_y = 1.0 K

- WIND LOADS:
HOR. LOAD, F_x = 1.5 K
HOR. LOAD, F_y = 0.6 K
B. MOMENT, M_x = 6.0 FT. K

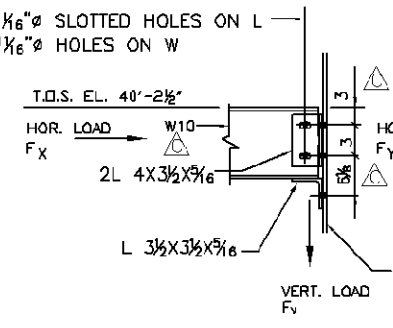


CONN. 'J' - 5 REQ'D.

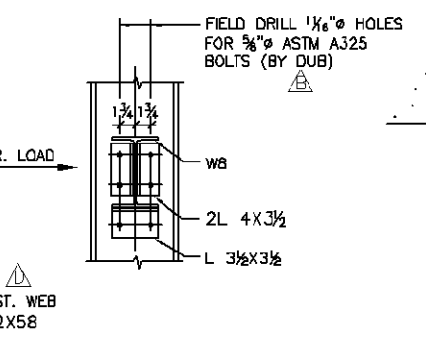
- (4) - 3/4" DIA. EXP. ANCHORS W/ 4 3/4" EMBED. (BY OTHERS)



CONN. 'F' - 1 REQ'D.

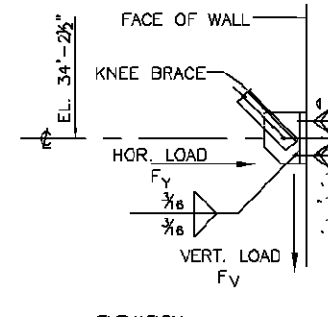


CONN. 'E' - 2 REQ'D.



CONN. 'K' - 2 REQ'D.

- DEAD LOADS:
VERT. LOAD, F_v = 2.5 K
SEISMIC LOADS:
HOR. LOAD, F_y = 0.3 K
HOR. LOAD, F_x = 0.3 K
WIND LOADS:
HOR. LOAD, F_y = 1.5 K
HOR. LOAD, F_x = 1.0 K

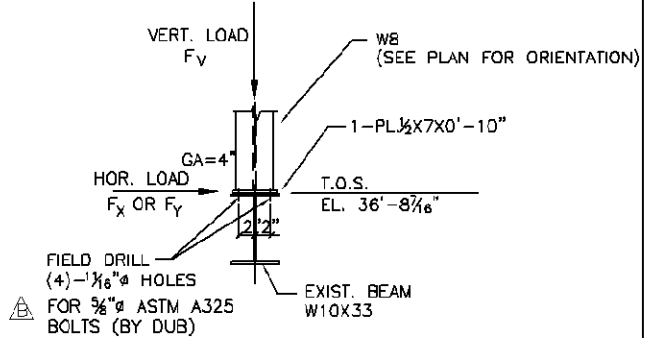


CONN. 'B' - 2 REQ'D.

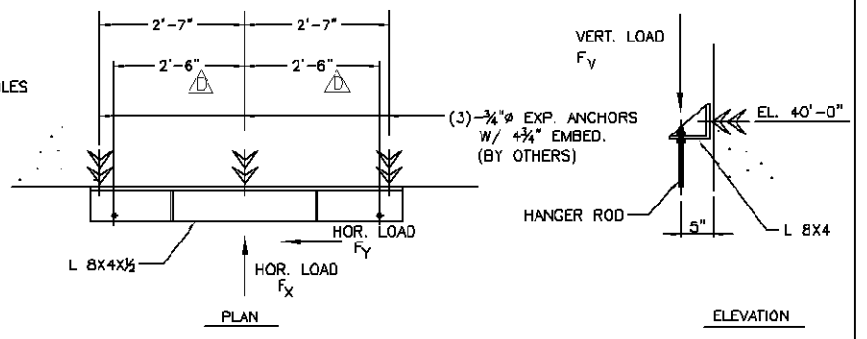
- (4) 3/4" DIA. EXP. ANCHORS W/ 4 3/4" EMBED. (BY OTHERS)
DEAD LOADS(STRUCT. + BUS):
VERT. LOAD, F_v = 1.0 K
HOR. LOAD, F_y = 1.0 K

- SEISMIC LOADS:
HOR. LOAD, F_x = 0.1 K
HOR. LOAD, F_y = 0.1 K

- WIND LOADS:
HOR. LOAD, F_x = 0.6 K
HOR. LOAD, F_y = 0.1 K

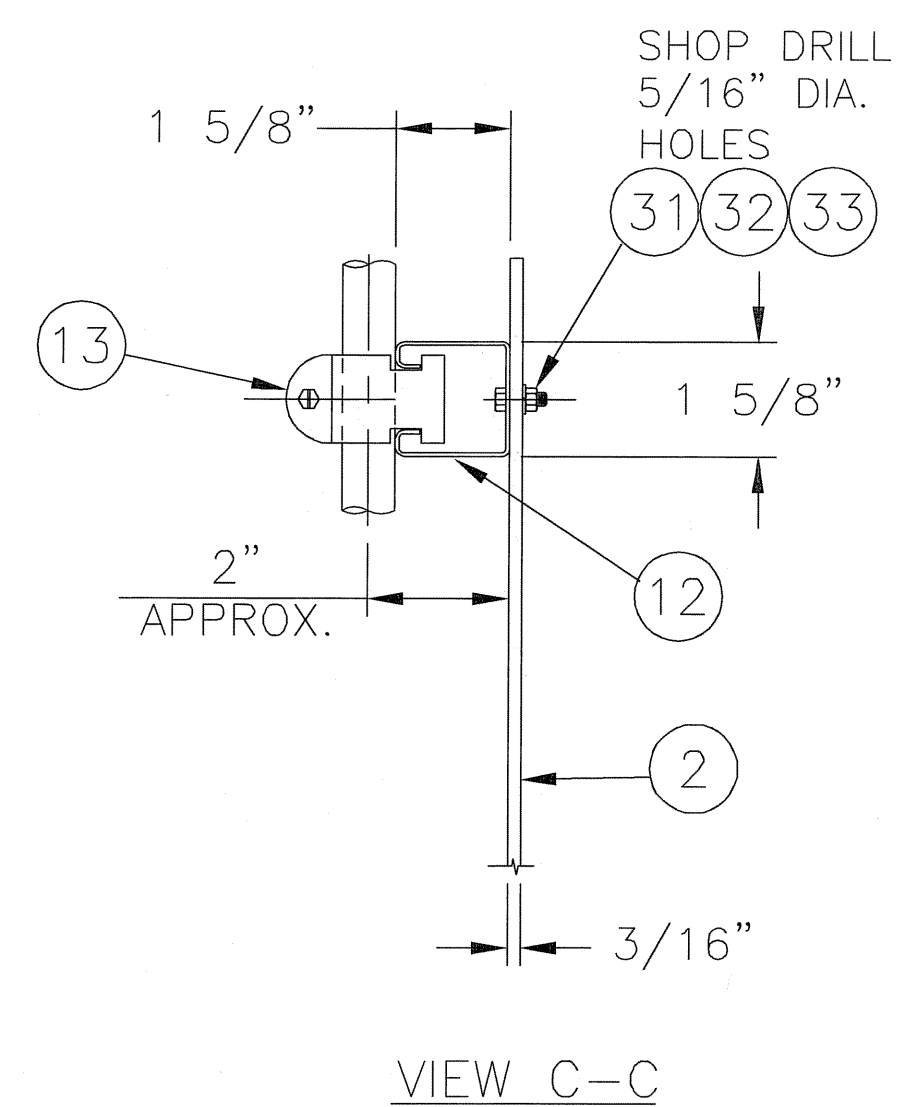
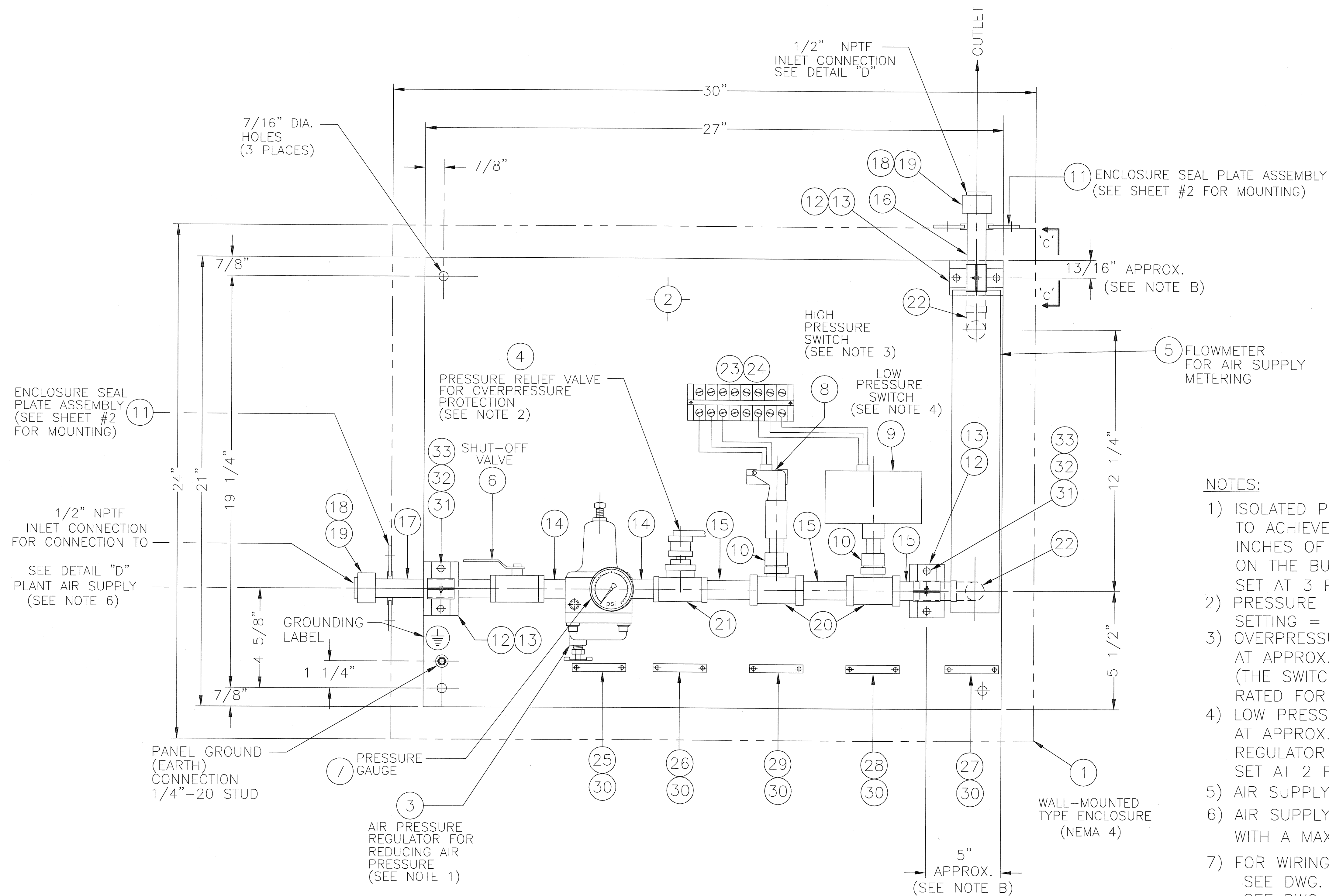


CONN. 'C' - 4 REQ'D.



P.O. #52034-800310			
TIC/TREASURE COAST ENERGY-UNIT 1 FORT PIERCE, FLORIDA STG UNIT 1			
F.M.F. J.O. #D-6422		DELTA-UNIBUS CORP. CHICAGO, ILLINOIS 60131 	
THIS DRAWING IS THE PROPERTY OF THE DELTA UNIBUS CORPORATION, AND MAY NOT BE REPRODUCED IN ANY MANNER OR USED FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED BY THE DELTA UNIBUS CORPORATION.		ANCHOR BOLTS & CONNECTION LAYOUT OF ISO-PHASE BUS	
DES. DATE 09-13-06	OWN. BY EGC	SIZE D	REV. NO. U - 123054X46
CHK. RG			D
APPR. JMN		AutoCAD #: U-123054X46 SH2	
		SHEET 2	OF 2

REV	DATE	DESCRIPTION	OWN	APP'D	REC
D	3-01-07	REVISED PER APPROVAL OF 2-27-07 & AS BUILT	RD	MN	
C	2-9-07	REVISED CONNECTION "E"	RD	MN	
B	1-9-07	REVISED PER APPROVAL OF 11-17-06	RD	MN	
A	10-24-06	REVISED PER APPROVAL OF 10-04-06	EGC		
REVISION RECORD					

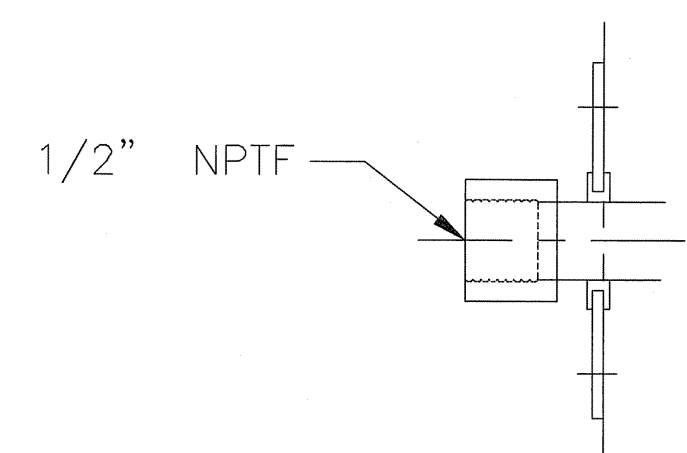


NOTES:

- 1) ISOLATED PHASE BUS DUCT PRESSURE TO BE SET AS REQ'D TO ACHIEVE A PRESSURE READING OF APPROX. 0.5 INCHES OF WATER AT THE PRESSURE GAUGE MOUNTED ON THE BUS ENCLOSURE. (THE REGULATOR IS FACTORY SET AT 3 PSI.)
- 2) PRESSURE RELIEF VALVE OVERPRESSURE PROTECTION SETTING = 5 PSI.
- 3) OVERPRESSURE PROTECTION ALARM SWITCH TO BE SET AT APPROX. 2 PSI HIGHER THAN PRESSURE REGULATOR. (THE SWITCH IS FACTORY SET AT 5 PSI). THE SWITCH IS RATED FOR 15 AMP 125/250 VAC RESISTIVE.
- 4) LOW PRESSURE ALARM SWITCH TO BE FIELD SET AT APPROX. 1 PSI LOWER THAN PRESSURE REGULATOR SETTING. (THE SWITCH IS FACTORY SET AT 2 PSI).
- 5) AIR SUPPLY FLOW RATE = 20 TO 30 CFM.
- 6) AIR SUPPLY TO BE CLEAN DRY AND OIL FREE AIR. WITH A MAXIMUM PRESSURE OF 150 PSI.
- 7) FOR WIRING DIAGRAM OF PRESSURE SWITCHES SEE DWG. #U-126271X89 FOR CTG
SEE DWG. #U-126271X90 FOR STG

SHOP ASSEMBLY NOTES:

- A) USE TEFLON PIPE THREAD SEAL TAPE FOR SEALING PIPE THREAD CONNECTIONS.
- B) SHOP TO LOCATE & ASSEMBLE ITEMS 11, 12, 13 AND 23 THRU 29 AFTER PIPING ASSEMBLY IS COMPLETE (MARK DRILL & TAP AS REQUIRED).

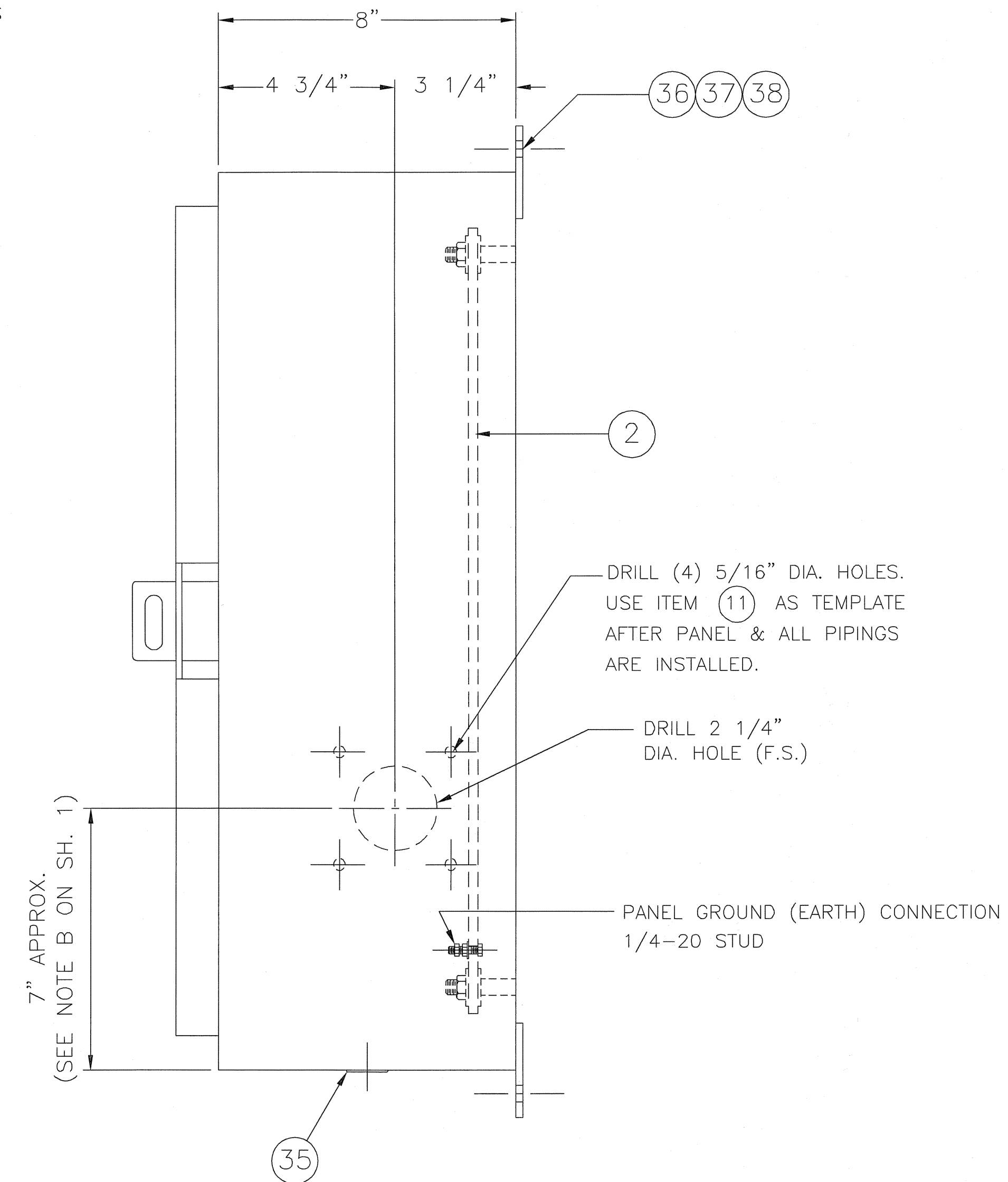
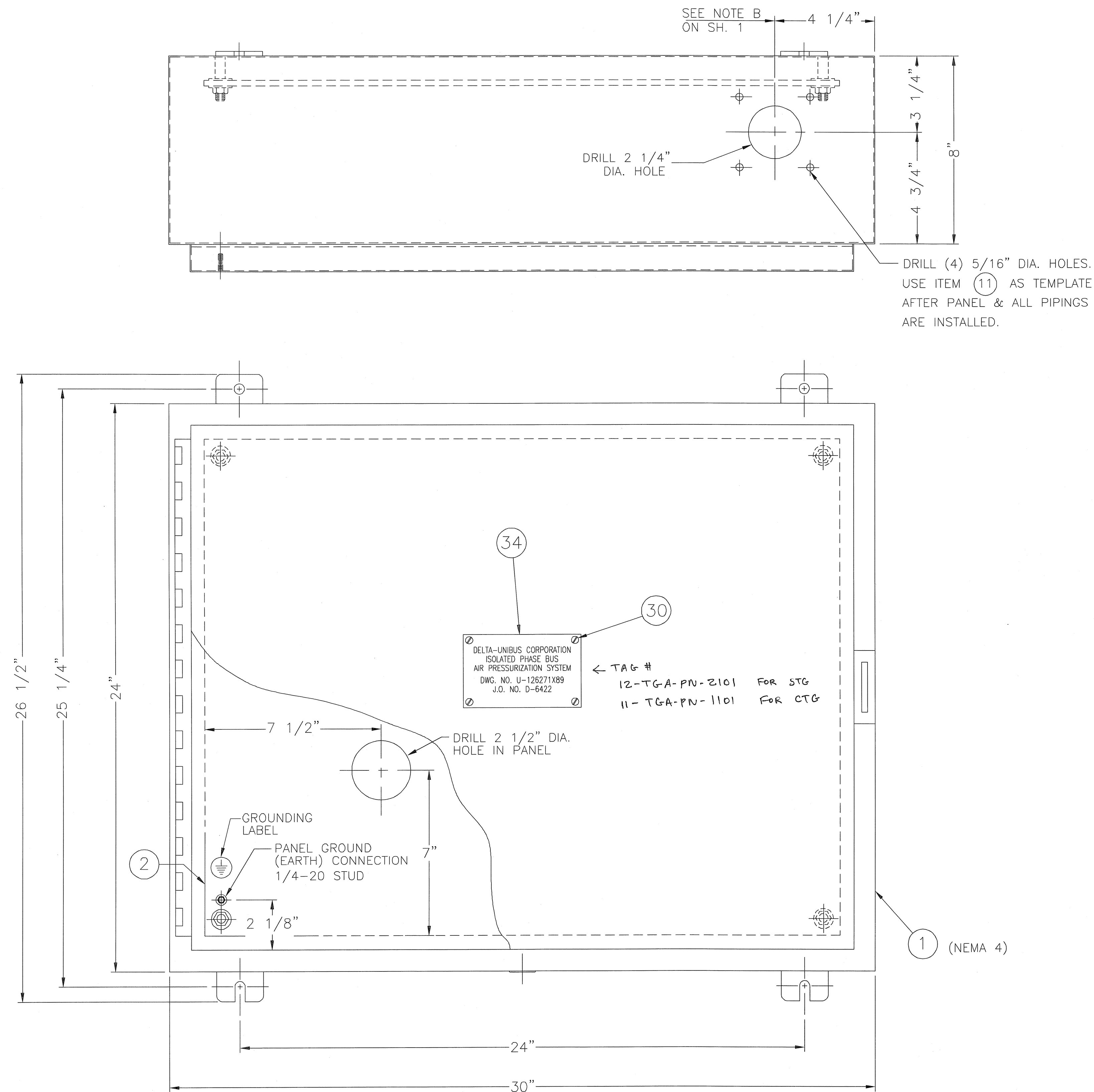


DETAIL "D"
TYPICAL INLET & OUTLET
CONNECTION

M012525-GTAA004 S01 RP TREASURE COAST		11/7/2006
Review does not relieve contractor from responsibility for errors or deviations from contract requirements	NO EXCEPTIONS NOTED Release for manufacture	
UTILITY ENGINEERING	EXCEPTIONS NOTED Release for manufacture Revise and resubmit for distribution	
	RETURNED FOR CORRECTION Do not proceed Revise and resubmit for authorization	

REV.	DATE	DESCRIPTION	DWN	APPV'D.	RCD
REVISION RECORD					

MATERIAL: FOR LIST OF MAT'L SEE DRAWING NO. T-171123X71-M		F.M.F. J.O. #D-6422		DELTA-UNIBUS CORP. CHICAGO, ILLINOIS 60131	
FINISH: SEE DETAILS		THIS DRAWING IS THE PROPERTY OF THE DELTA UNIBUS CORPORATION, AND MAY NOT BE REPRODUCED IN ANY MANNER OR USED FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED BY THE DELTA UNIBUS CORPORATION.		ISOLATED PHASE BUS DUCT AIR PRESSURIZATION INSTRUMENT PANEL	
WEIGHT: —		DWG. DATE 10-10-06	DWN. BY RD	SIZE C	DWG. NO. T-171123X71
SCALE: 3" = 12"		CHK. RM	APPVL Ry	REV. —	
AutoCAD #T-171123X71 SH 1.DWG				SHEET 1 OF 2	



M012525-GTAA004 S02 RP
TREASURE COAST 11/7/2006

Review does not relieve contractor from responsibility for errors or deviations from contract requirements.

NO EXCEPTIONS NOTED
Release for manufacture

EXCEPTIONS NOTED
Release for manufacture
Revise and resubmit for distribution

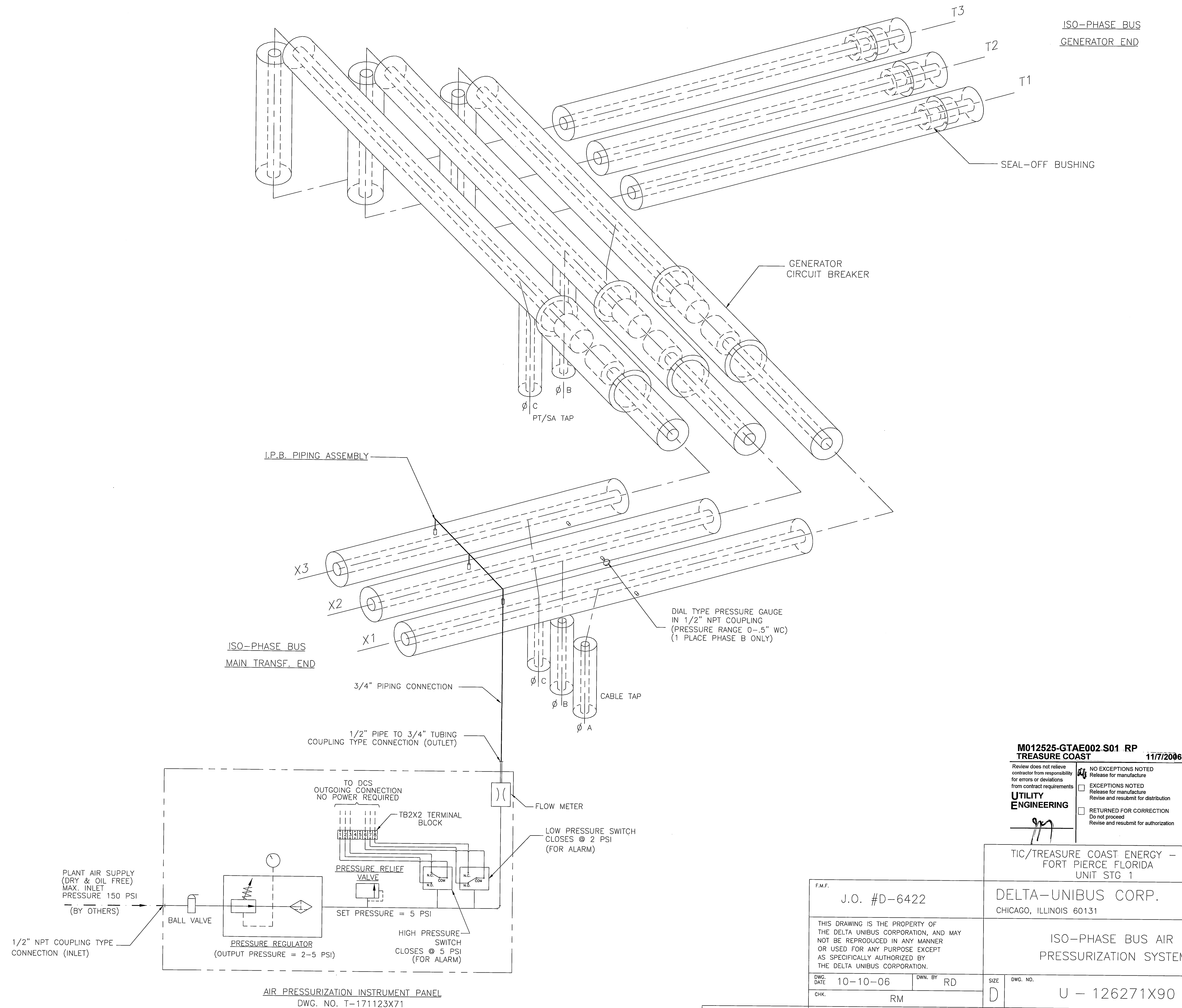
RETURNED FOR CORRECTION
Do not proceed
Revise and resubmit for authorization

UTILITY ENGINEERING

MATERIAL: FOR LIST OF MAT'L SEE DRAWING NO. T-171123X71-M		F.M.F. J.O. #D-6422		DELTA-UNIBUS CORP. CHICAGO, ILLINOIS 60131	
FINISH: SEE DETAILS		THIS DRAWING IS THE PROPERTY OF THE DELTA UNIBUS CORPORATION, AND MAY NOT BE REPRODUCED IN ANY MANNER OR USED FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED BY THE DELTA UNIBUS CORPORATION.		ISOLATED PHASE BUS DUCT AIR PRESSURIZATION INSTRUMENT PANEL	
WEIGHT: —		DWG. DATE 10-10-06	DWN. BY RD	SIZE C	DWG. NO. T-171123X71
SCALE: 3" = 12"		CHK. RM	APPVL <i>Rm</i>	REV. —	AutoCAD #T-171123X71 SH 2.DWG
REVISION RECORD		SHEET 2 OF 2			

REV.	DATE	DESCRIPTION	DWN.	APPV'D.	RCD.

- NOTES:
1. FOR LIST OF MATERIAL (SHIPPING ITEMS IN --)
SEE DWG. NO. U-126828-M, SH. -
 2. - - - - - INDICATES 1/2" O.D. TUBING BY OTHERS.
 3. _____ INDICATES 3/4" O.D. TUBING BY D.U.B.
 4. ALL PNEUMATIC CONNECTION POINTS ARE
1/2" OR 3/4" NPT COUPLING TYPE.
 5. ALL CONNECTION POINTS ARE TO BE PLUGGED WITH
1/2" NPT PLUGS FOR SHIPPING.
 6. FIELD TO CUT AND ASSEMBLY TUBING AS REQ'D



M012525-GTAE002-S01 RP
TREASURE COAST 11/7/2006

Review does not relieve contractor from responsibility for errors or deviations from contract requirements

UTILITY ENGINEERING

NO EXCEPTIONS NOTED
Release for manufacture

EXCEPTIONS NOTED
Release for manufacture
Revise and resubmit for distribution

RETURNED FOR CORRECTION
Do not proceed
Revise and resubmit for authorization

TIC/TREASURE COAST ENERGY - UNIT 1 FORT PIERCE FLORIDA UNIT STG 1	
DELTA-UNIBUS CORP. CHICAGO, ILLINOIS 60131	
ISO-PHASE BUS AIR PRESSURIZATION SYSTEM	
F.M.F. J.O. #D-6422	
THIS DRAWING IS THE PROPERTY OF THE DELTA UNIBUS CORPORATION, AND MAY NOT BE REPRODUCED IN ANY MANNER OR USED FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED BY THE DELTA UNIBUS CORPORATION.	
DWG. DATE 10-10-06	DWN. BY RD
CHK. RM	SIZE D
APPVL. MN	DWG. NO. U - 126271X90
AutoCAD # U-126271X90	SHEET 1 OF 1

REV.	DATE	DESCRIPTION	DWN.	APPV'D.	RCD.

SCALE: NONE

△

[illegible]

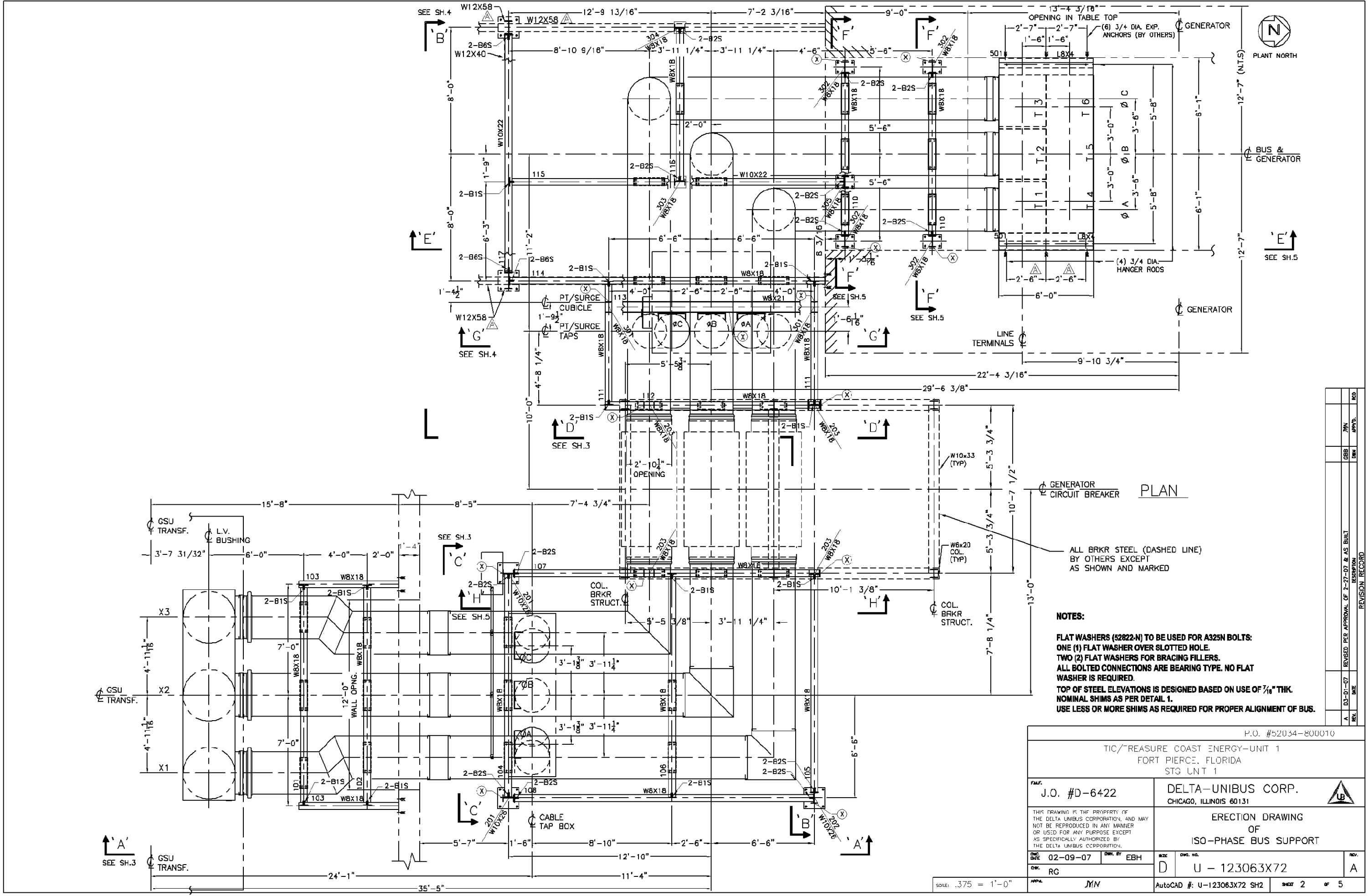
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35

△

F.O. #52034-800010	
TIC/TREASURE COAST ENERGY-UNIT 1 FCRT PIERCE, FLORIDA STG UNIT	
F.M.P. J.O. #D-6422	DELTA-UNIBUS CORP. CHICAGO, ILLINOIS 60131 
THIS DRAWING IS THE PROPERTY OF THE DELTA UNIBUS CORPORATION, AND MAY NOT BE REPRODUCED IN ANY MANNER OR USED FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED BY THE DELTA UNIBUS CORPORATION.	ERECTION DRAWING OF ISO-PHASE BUS SUPPORT
DWG. NO. 02-09-07 CHK. RG	DWG. BY EBH SIZE D U - 123063X72 REV. A
APPR. MN	AutoCAD #U-123063X72 SH1 SHEET 1 OF 5

NO EXCEPTIONS NOTED
Release for manufacture



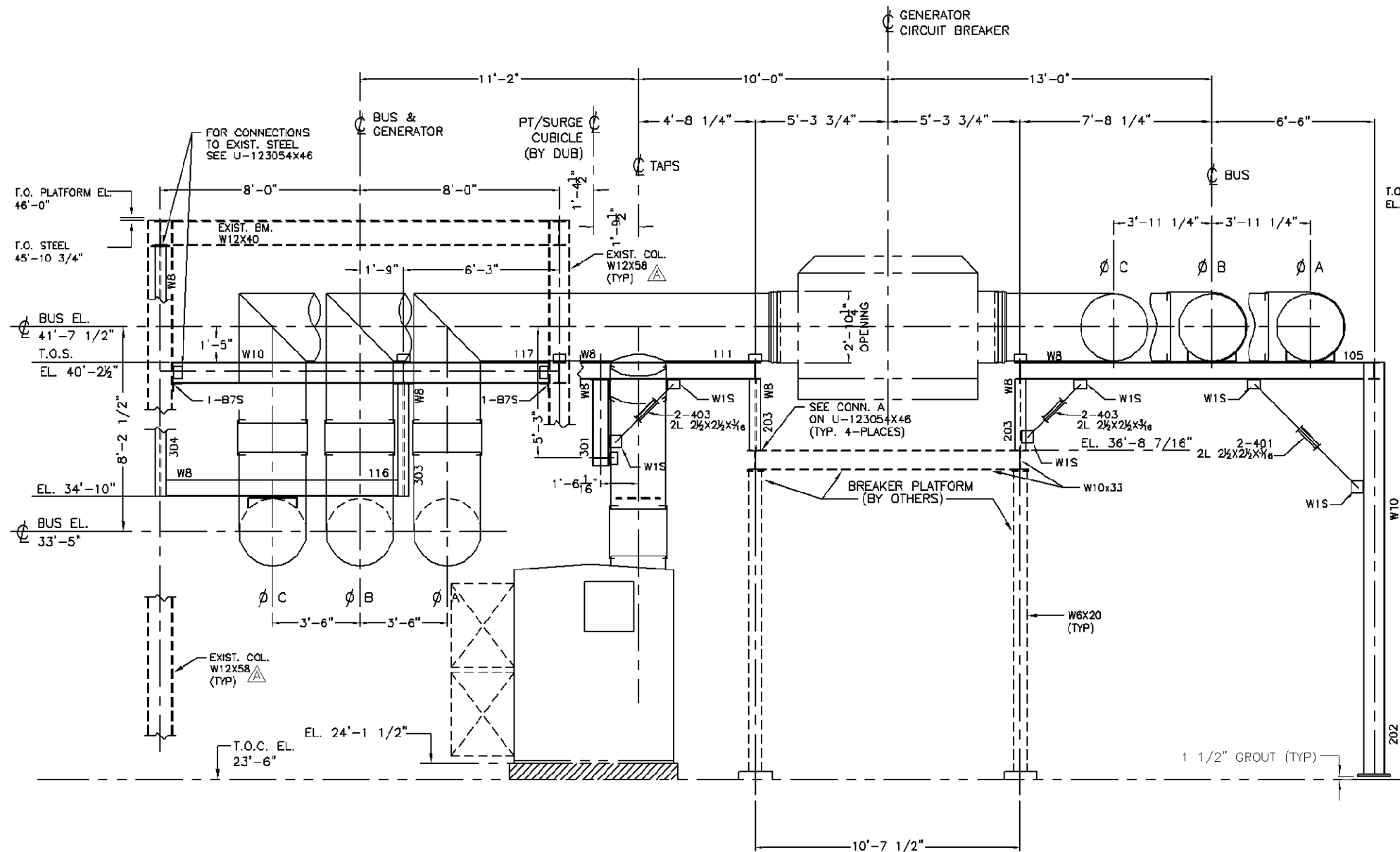
ALL BRKR STEEL (DASHED LINE)
BY OTHERS EXCEPT
AS SHOWN AND MARKED

NOTES:
FLAT WASHERS (52822-N) TO BE USED FOR A325N BOLTS:
ONE (1) FLAT WASHER OVER SLOTTED HOLE.
TWO (2) FLAT WASHERS FOR BRACING FILLERS.
ALL BOLTED CONNECTIONS ARE BEARING TYPE. NO FLAT
WASHER IS REQUIRED.
TOP OF STEEL ELEVATIONS IS DESIGNED BASED ON USE OF 3/16" THK.
NOMINAL SHIMS AS PER DETAIL 1.
USE LESS OR MORE SHIMS AS REQUIRED FOR PROPER ALIGNMENT OF BUS.

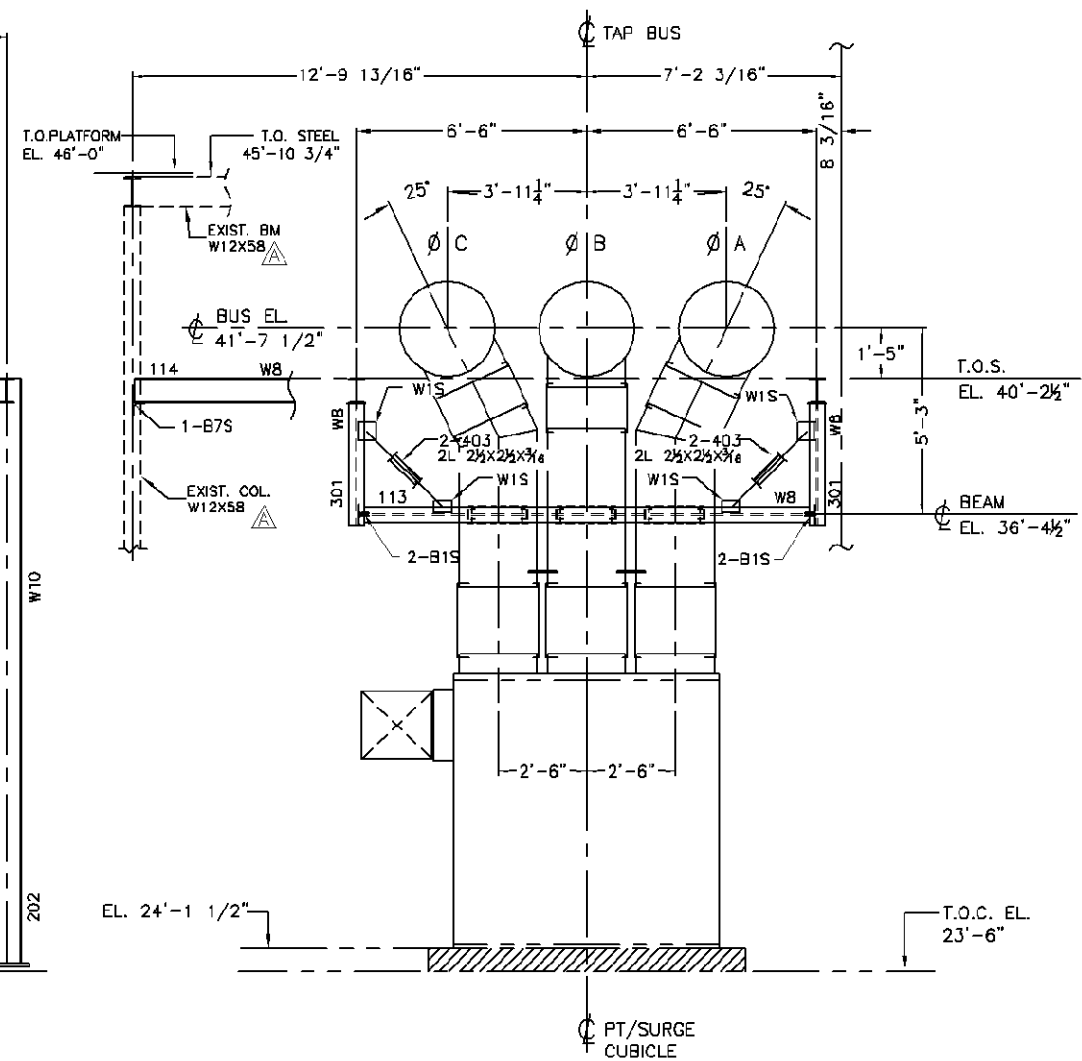
P.O. #52034-800010			
TIC/TREASURE COAST ENERGY-UNIT 1 FORT PIERCE, FLORIDA STG UNT 1			
J.O. #D-6422	DELTA-UNIBUS CORP. CHICAGO, ILLINOIS 60131		
THIS DRAWING IS THE PROPERTY OF THE DELTA UNIBUS CORPORATION, AND MAY NOT BE REPRODUCED IN ANY MANNER OR USED FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED BY THE DELTA UNIBUS CORPORATION.		ERECTION DRAWING OF ISO-PHASE BUS SUPPORT	
DATE 02-09-07	BY EBH	SIZE D	NO. U - 123063X72
CHK. RG			REV. A
APP'D. JMN		AutoCAD #: U-123063X72 SH2	SHEET 2 OF 5

NO EXCEPTIONS NOTED
Release for manufacture

Review does not relieve contractor from
responsibility for errors or deviations from
contract requirements.



SECTION "B-B"
FROM SHEET 2



SECTION "G-G"
FROM SHEET 2

NOTES:

FLAT WASHERS (52822-N) TO BE USED FOR A325N BOLTS:
ONE (1) FLAT WASHER OVER SLOTTED HOLE.
TWO (2) FLAT WASHERS FOR BRACING FILLETS.
ALL BOLTED CONNECTIONS ARE BEARING TYPE. NO FLAT WASHER IS REQUIRED.
TOP OF STEEL ELEVATIONS IS DESIGNED BASED ON USE OF 1/4" THK. NOMINAL SHIMS AS PER DETAIL 1.
USE LESS OR MORE SHIMS AS REQUIRED FOR PROPER ALIGNMENT OF BUS.

REV.	DATE	DESCRIPTION	DWN.	APP'D.	RC'D.
A	03-01-07	REVISED PER APPROVAL OF 2-27-07	GEB	JMY	

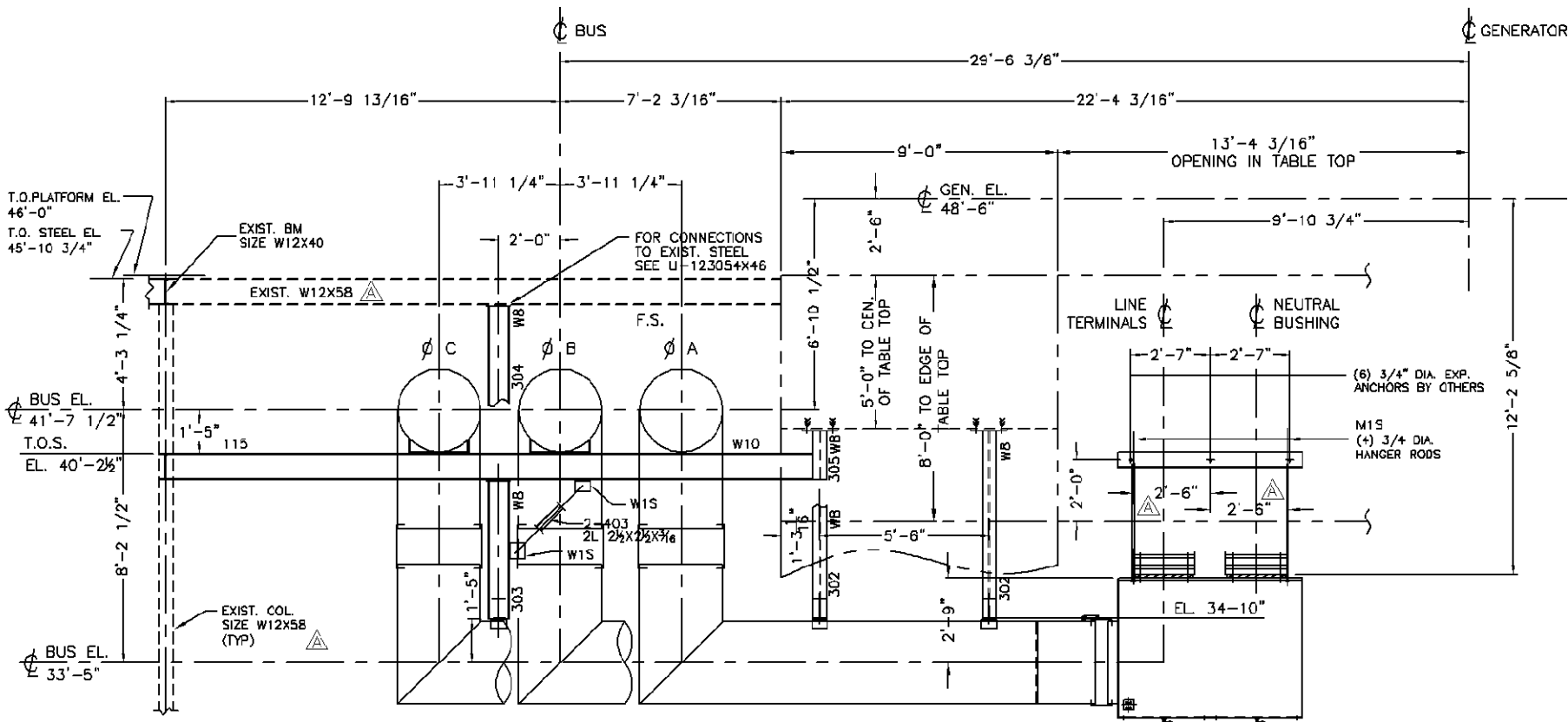
REVISION RECORD

SCALE: .375 = 1'-0"

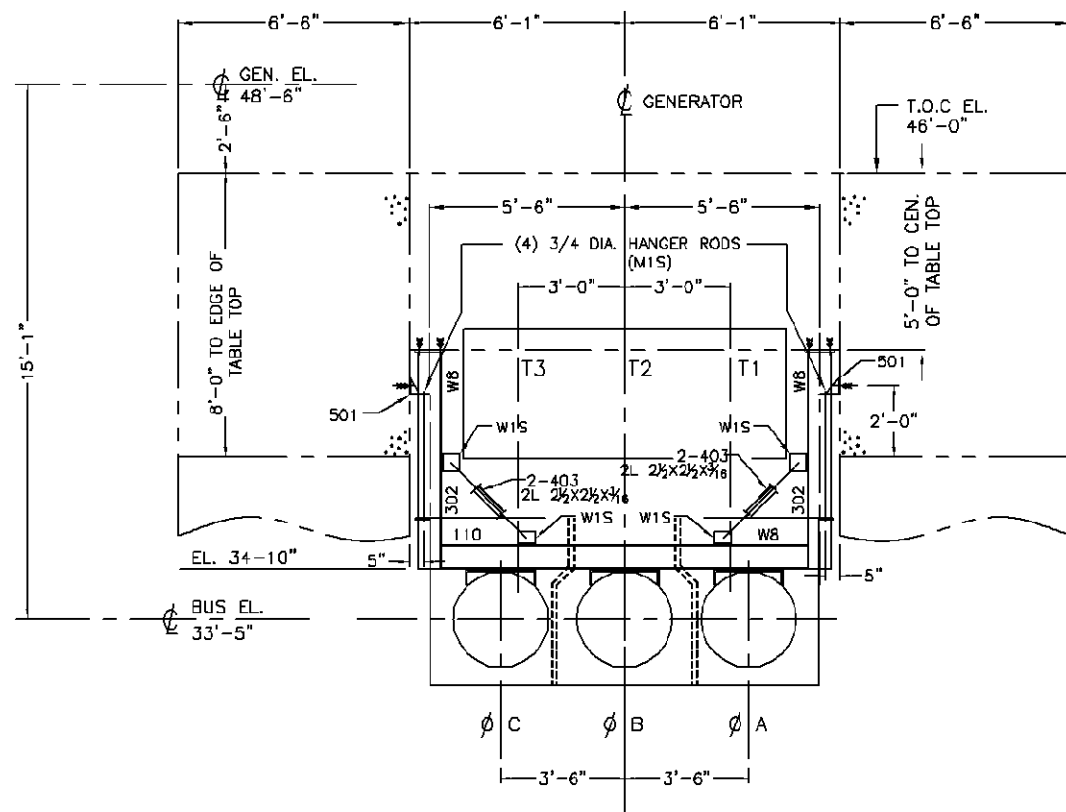
P.O. #52034-800010					
TIC/TREASURE COAST ENERGY-UNIT 1 FORT PIERCE, FLORIDA STG UNIT 1					
F.I.F. J.O. #D-6422		DELTA-UNIBUS CORP. CHICAGO, ILLINOIS 60131			
THIS DRAWING IS THE PROPERTY OF THE DELTA UNIBUS CORPORATION, AND MAY NOT BE REPRODUCED IN ANY MANNER OR USED FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED BY THE DELTA UNIBUS CORPORATION.		ERECTION DRAWING OF ISO-PHASE BUS SUPPORT			
CHG. DATE	02-09-07	DES. BY	EBH	SIZE	CHG. NO.
CHK.	RG		D	U - 123063X72	REV.
APPR.	JMY	AutoCAD #: U-123063X72 SH4		SHEET 4	OF 5

Review does not relieve contractor from responsibility for errors or deviations from contract requirements.

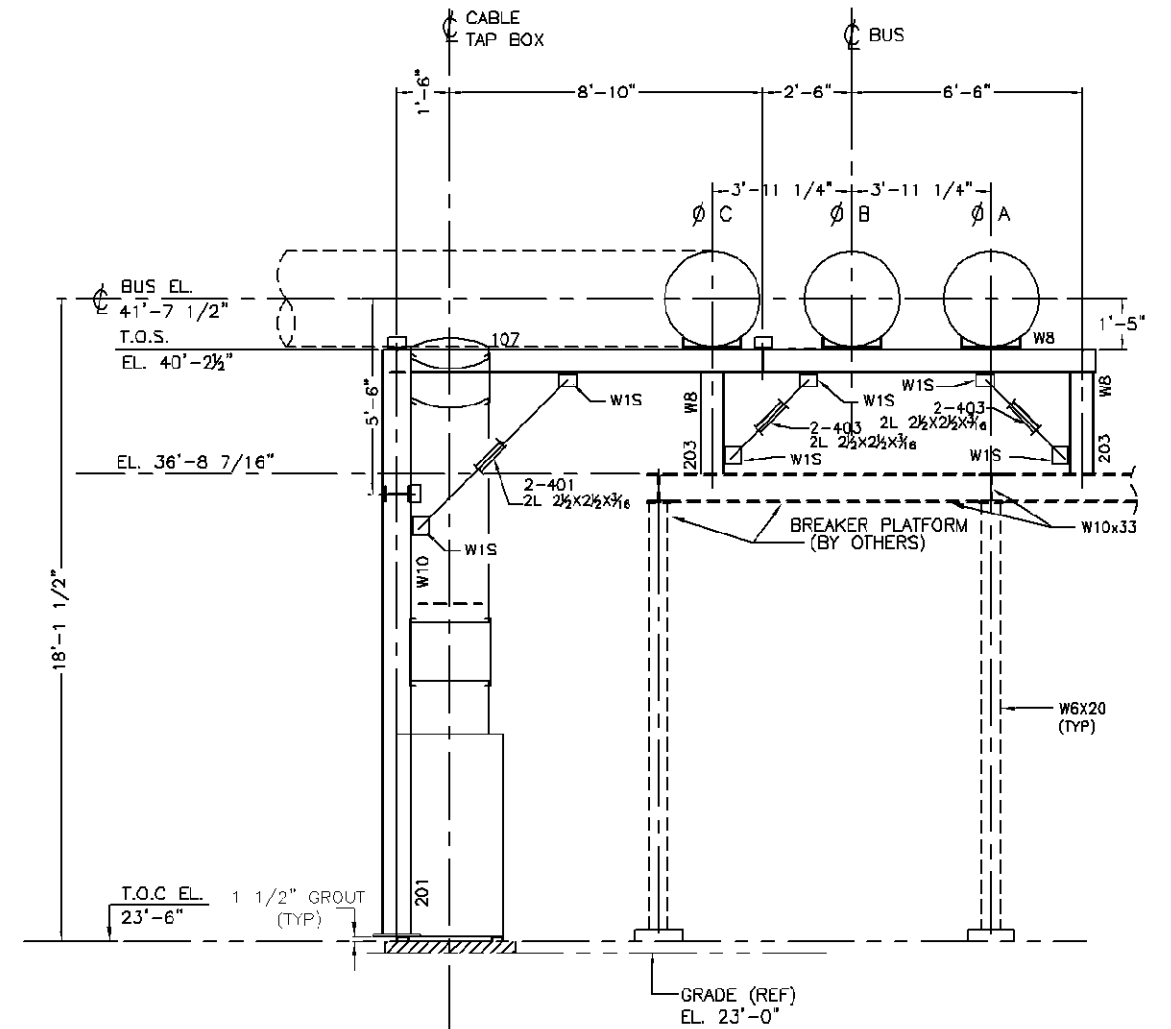
NO EXCEPTIONS NOTED
Release for manufacture



SECTION "E-E"
FROM SHEET 2



SECTION "F-F"
FROM SHEET 2



SECTION "H-H"
FROM SHEET 2

NOTES:

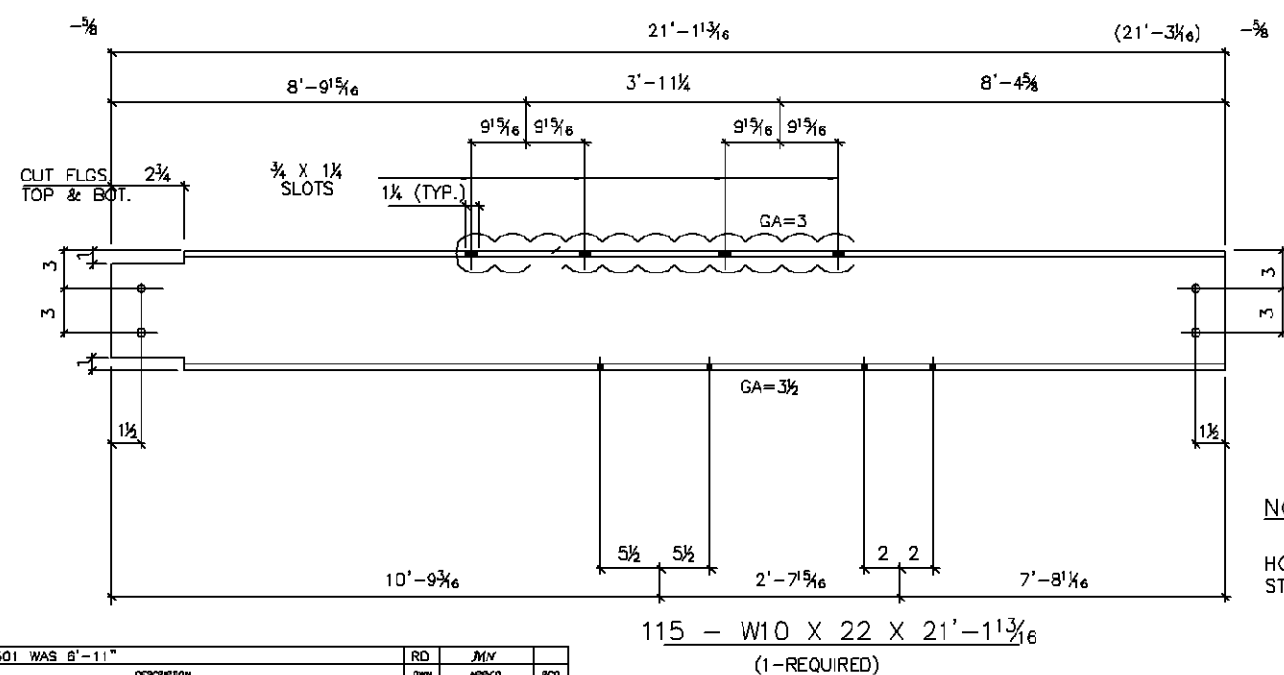
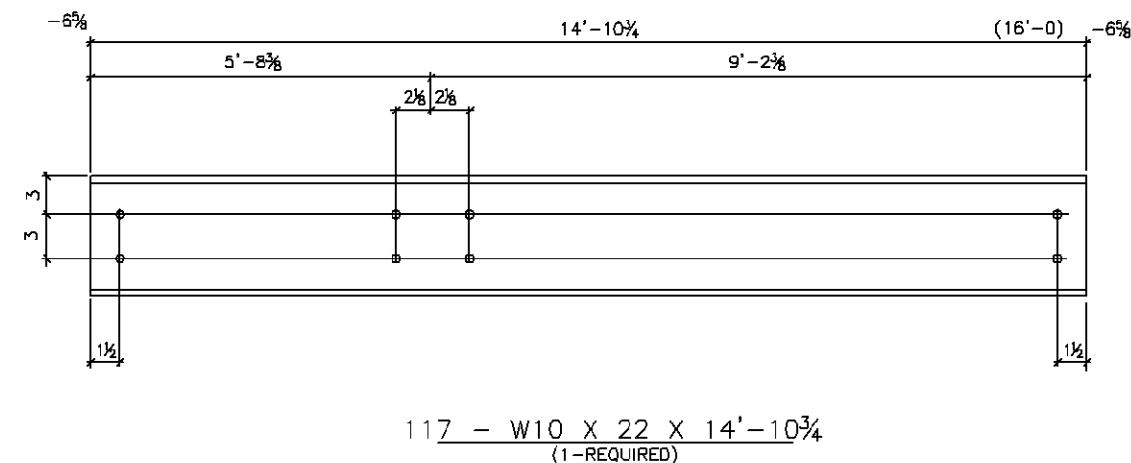
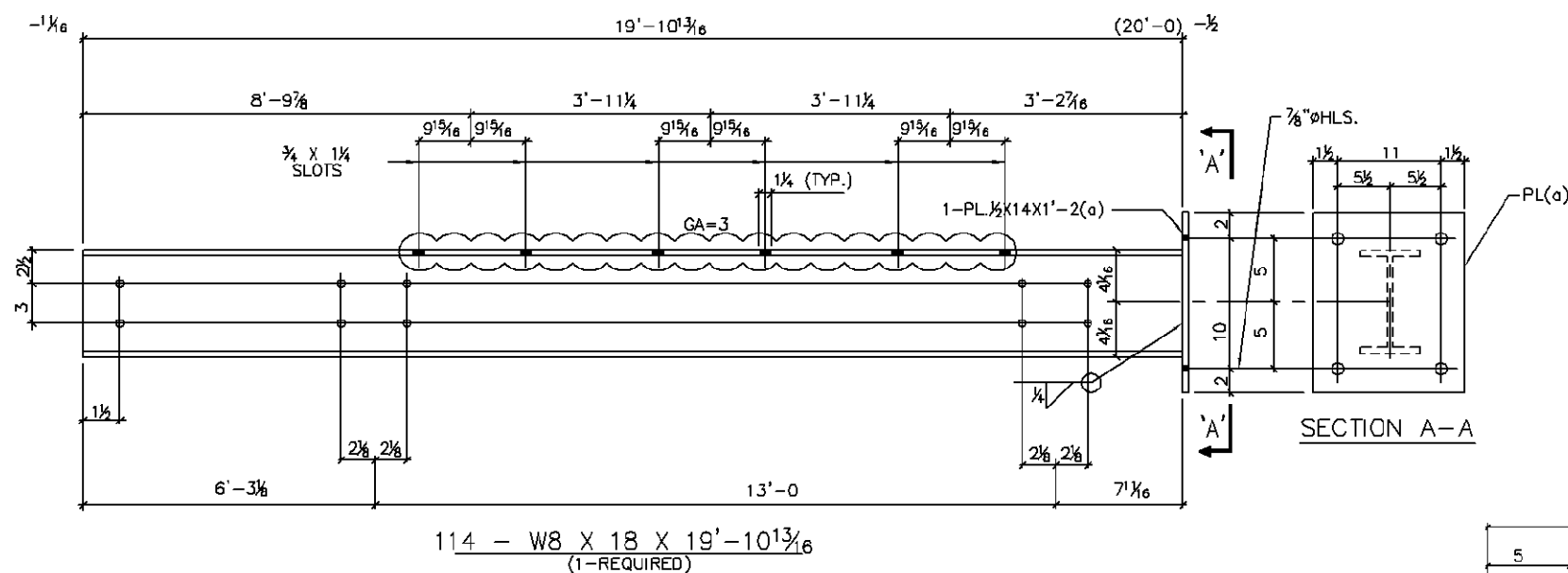
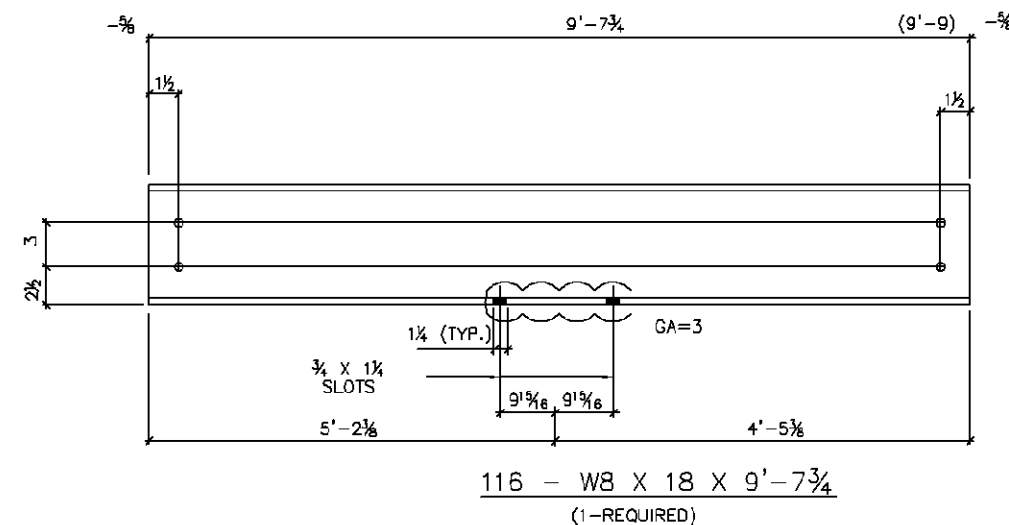
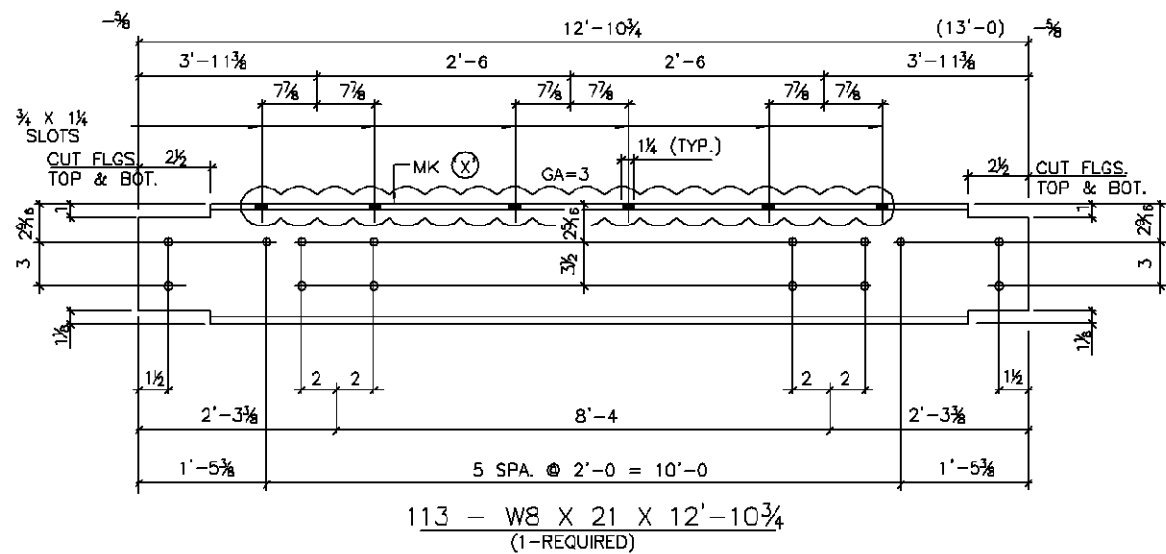
FLAT WASHERS (#2822-N) TO BE USED FOR A325N BOLTS:
ONE (1) FLAT WASHER OVER SLOTTED HOLE.
TWO (2) FLAT WASHERS FOR BRACING FILLERS.
ALL BOLTED CONNECTIONS ARE BEARING TYPE. NO FLAT
WASHER IS REQUIRED.
TOP OF STEEL ELEVATIONS IS DESIGNED BASED ON USE OF 1/16" THK.
NOMINAL SHIMS AS PER DETAIL 1.
USE LESS OR MORE SHIMS AS REQUIRED FOR PROPER ALIGNMENT OF BUS.

P.O. #52034-800310				
TIC/TREASURE COAST ENERGY-UNT 1 FORT PIERCE, FLORIDA STG UNIT 1				
F.I.F. J.O. #D-6422		DELTA-UNIBUS CORP. CHICAGO, ILLINOIS 60131		
THIS DRAWING IS THE PROPERTY OF THE DELTA UNIBUS CORPORATION, AND MAY NOT BE REPRODUCED IN ANY MANNER OR USED FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED BY THE DELTA UNIBUS CORPORATION.		ERECTION DRAWING OF ISO-PHASE BUS SUPPORT		
DATE 02-09-07	DES. BY EBH	SIZE D	NO. NO. U - 123063X72	REV. A
CHK. RG				
APPR. MN	AutoCAD #: U-123063X72 SH5		SHEET 5 OF 5	

SCALE: .375 = 1'-0"

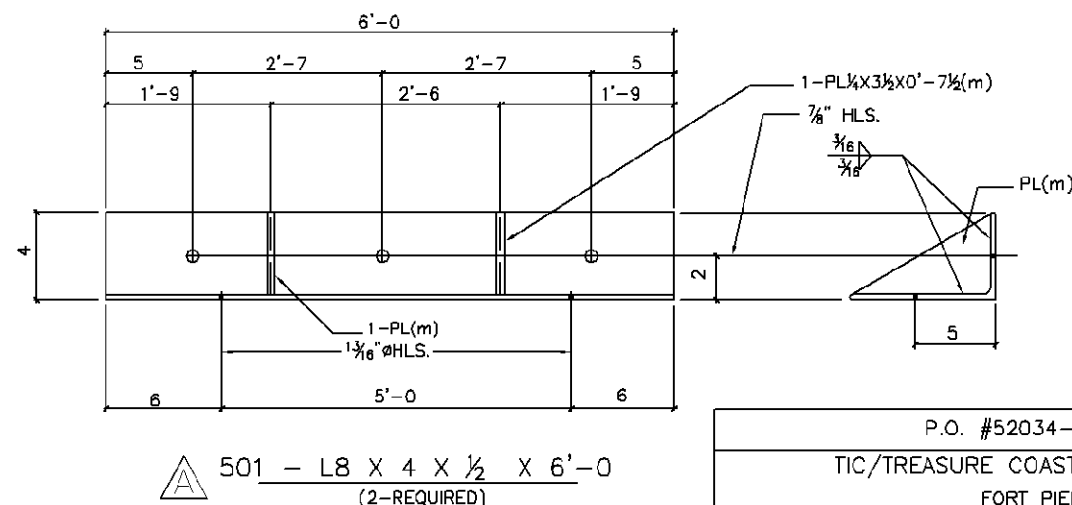
Review does not relieve contractor from
responsibility for errors or deviations from
contract requirements.

NO EXCEPTIONS NOTED
Release for manufacture



NOTES:

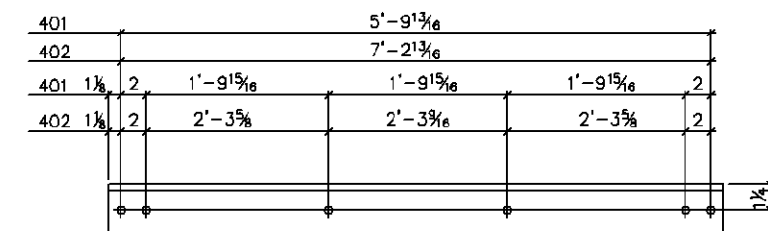
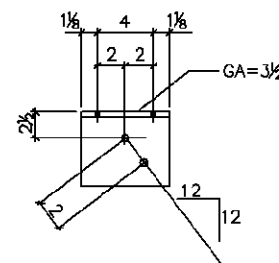
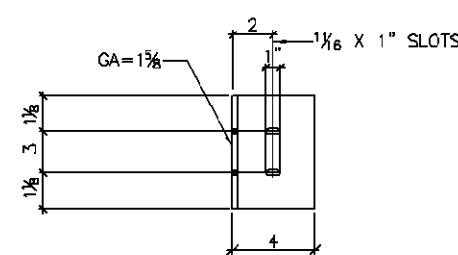
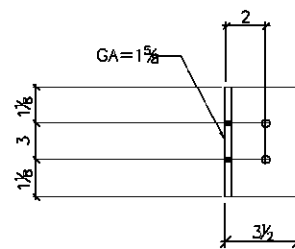
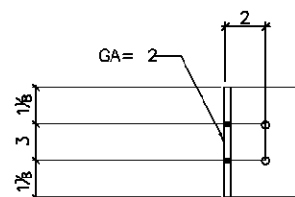
- HOLES: 1 1/8" Ø, UNLESS NOTED
STEEL: a) FOR W SHAPE ONLY USE ASTM A992 GALVANIZED PER ASTM A123
b) FOR ALL OTHER SHAPES, USE ASTM A36, GALVANIZED PER ASTM A123



P.O. #52034-800010			
TIC/TREASURE COAST ENERGY - UNIT 1			
FORT PIERCE , FLORIDA			
STG UNIT 1			
F.M.F. J.O.# D-6422		DELTA-UNIBUS CORP. CHICAGO, ILLINOIS 60131	
THIS DRAWING IS THE PROPERTY OF THE DELTA UNIBUS CORPORATION, AND MAY NOT BE REPRODUCED IN ANY MANNER OR USED FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED BY THE DELTA UNIBUS CORPORATION.		STEEL DETAILS OF ISO-PHASE BUS SUPPORT	
DWG DATE 02-09-07	DRWN. BY MGG	SIZE D	DWG. NO. U - 123063X72A
CHK RG		APPR. MN	
AutoCAD # U-123063X72A SH3		SHEET 3 OF 5	

Review does not relieve contractor from responsibility for errors or deviations from contract requirements.

NO EXCEPTIONS NOTED
Release for manufacture



B1S - L3 1/2 X 3 1/2 X 5/16 X 0'-5 1/4
(32-REQUIRED)

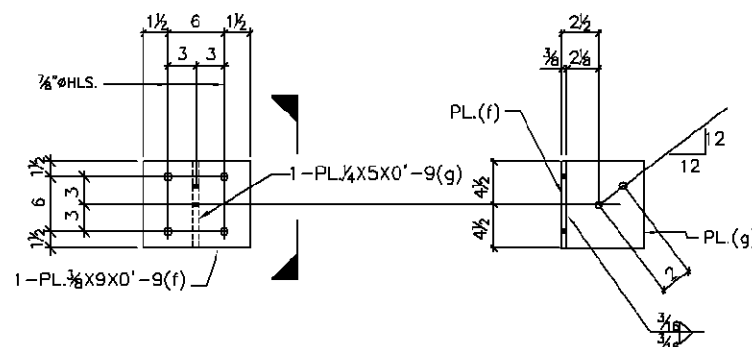
B2S - L3 1/2 X 3 X 5/16 X 0'-5 1/4
(26-REQUIRED)

B6S - L4 X 3 X 5/16 X 0'-5 1/4
(6-REQUIRED)

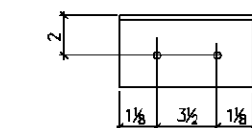
W1S - WT 6 X 13 X 0'-6 1/4
(42-REQUIRED)

401 - L2 1/2 X 2 1/2 X 3/16 X 6'-0 1/8
(12-REQUIRED)

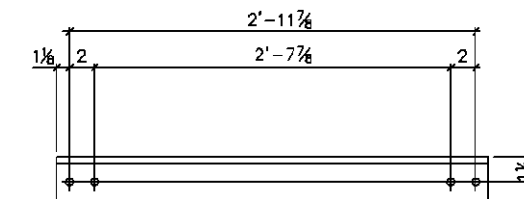
402 - L2 1/2 X 2 1/2 X 3/16 X 7'-5 1/8
(4-REQUIRED)



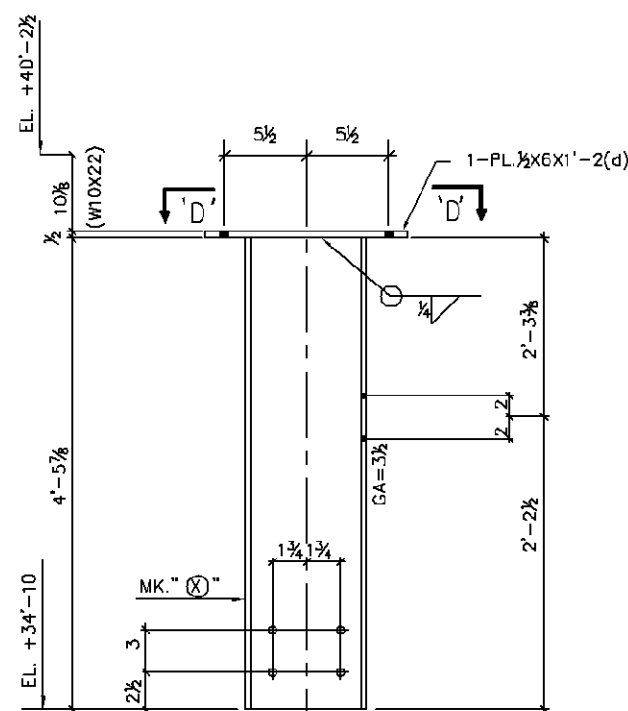
W2S - PLATE ASSEMBLY
(2-REQUIRED)



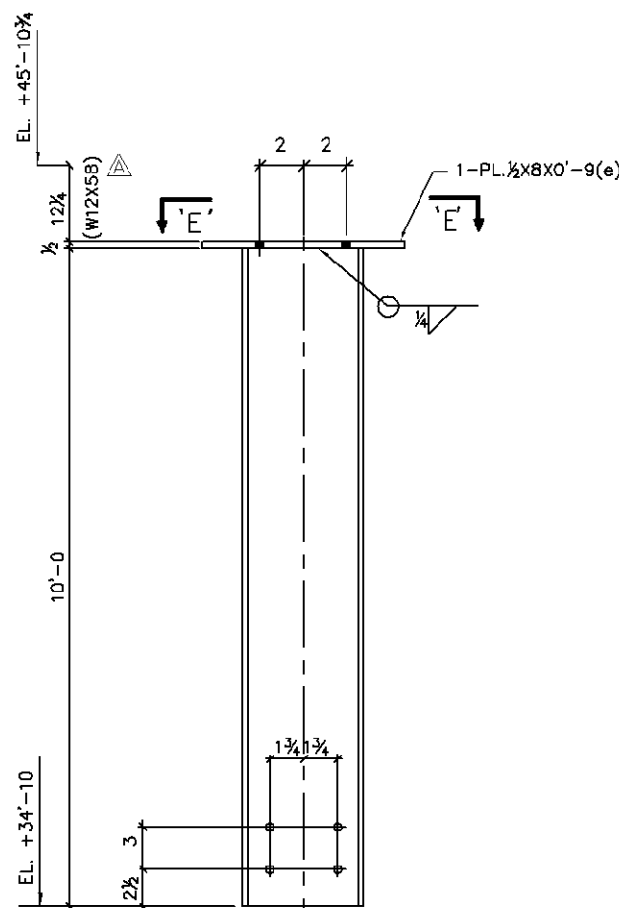
B7S - L3 1/2 X 3 1/2 X 5/16 X 0'-5 3/4
(3-REQUIRED)



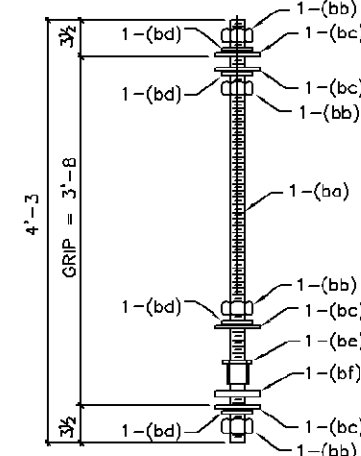
403 - L2 1/2 X 2 1/2 X 3/16 X 3'-2 1/8
(28-REQUIRED)



303 - W8 X 18 X 4'-5 7/8
(1-REQUIRED)



304 - W8 X 18 X 10'-0
(1-REQUIRED)

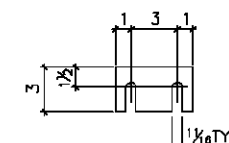
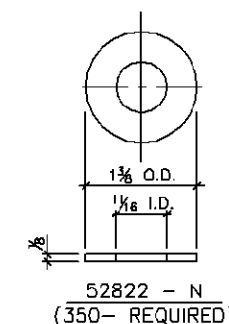


HANGER ROD ASSEMBLY M1S (4-REQ'D.)

MATERIAL REQ'D. FOR (1) SET

- (1) - 3/4" THREADED ROD X 4'-3 (ba)
- (4) - 3/4" HEX NUT (bb)
- (4) - 3/4" FLAT WASHER (bc)
- (4) - 3/4" LOCK WASHER (bd)
- (1) - INSULATING BUSHING
- (1) - INSULATING WASHER

NON STEEL ITEMS
FURNISHED W/IPB
BY DUB

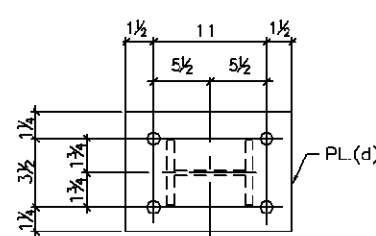


SHIM SET SB (70-REQ'D.)
MATERIAL REQ'D. FOR (1) SET
(1) PL - 3/8 X 3 X 0'-5
(1) PL - 1/4 X 3 X 0'-5
(2) PL - 3/8 X 3 X 0'-5
(2) PL - 1/4 X 3 X 0'-5

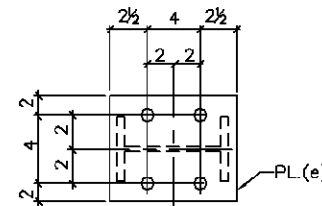
NOTES:

- HOLES: 1/8" Ø, UNLESS NOTED
- STEEL: a) FOR W SHAPE ONLY USE ASTM A992 GALVANIZED PER ASTM A123
- b) FOR ALL OTHER SHAPES, USE ASTM A36, GALVANIZED PER ASTM A123

REV.	DATE	DESCRIPTION	APP'D.	DATE	DESCRIPTION
A	03-01-07	REVISED PER APPROVAL OF 2-27-07	CBB	JMW	
			DWN	NPP/D.	ROD



SECTION D-D

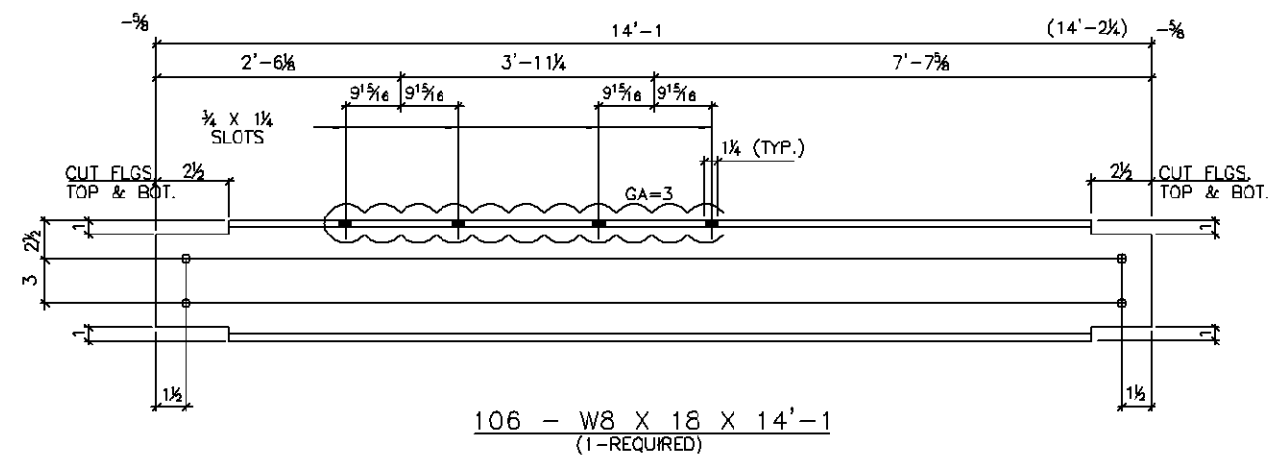
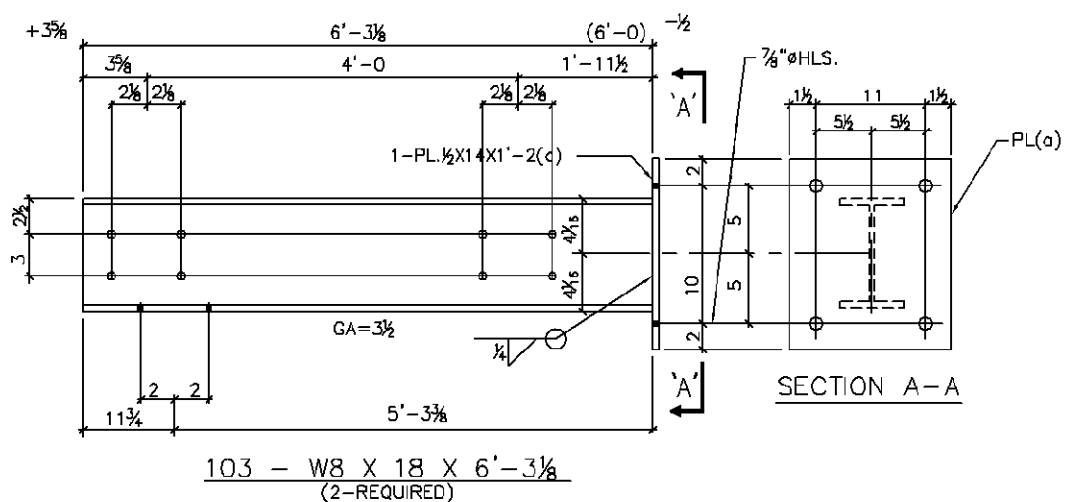
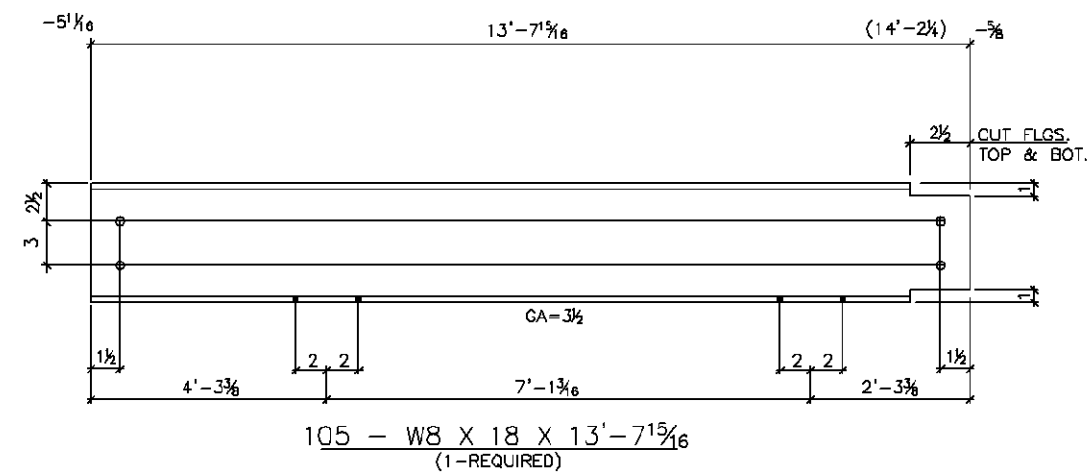
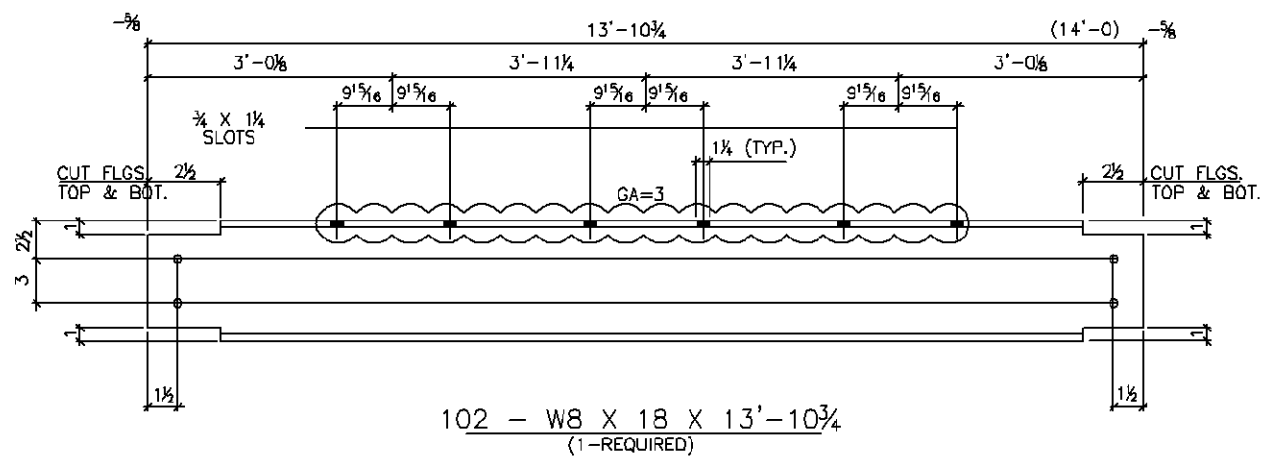
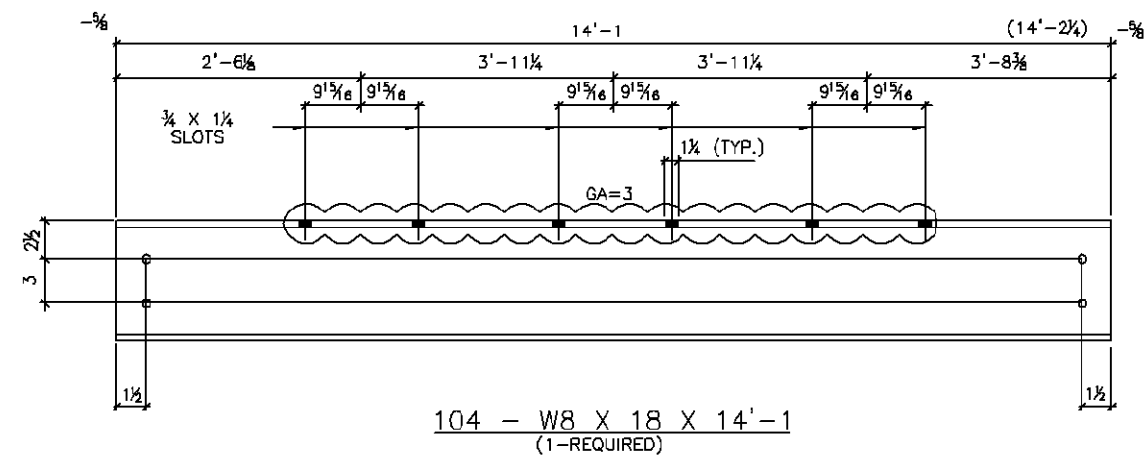
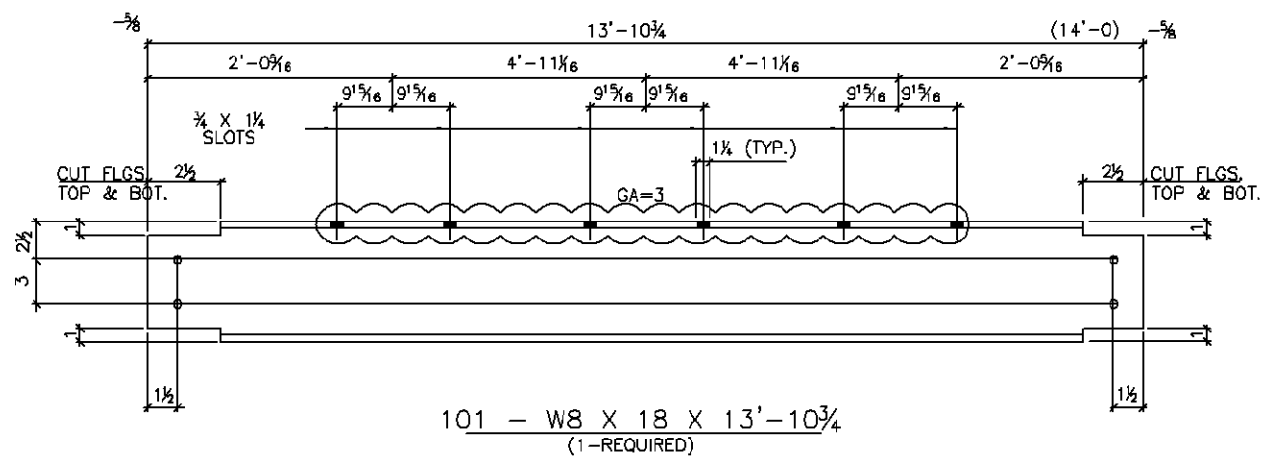


SECTION E-E

P.O. #52034-800010			
TIC/TREASURE COAST ENERGY - UNIT 1			
FORT PIERCE , FLORIDA			
STG UNIT 1			
J.O. #D-6422		DELTA-UNIBUS CORP.	
		CHICAGO, ILLINOIS 60131	
THIS DRAWING IS THE PROPERTY OF THE DELTA UNIBUS CORPORATION, AND MAY NOT BE REPRODUCED IN ANY MANNER OR USED FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED BY THE DELTA UNIBUS CORPORATION.		STEEL DETAILS OF ISO-PHASE BUS SUPPORT	
DATE: 02-09-07	BY: MGG	SIZE: D	QNC. NO.: U - 123063X72A
CHK: RG			
APPL: JMW		AutoCAD # U-123063X72A SH5	SHEET 5 OF 5

Review does not relieve contractor from responsibility for errors or deviations from contract requirements.

NO EXCEPTIONS NOTED
Release for manufacture



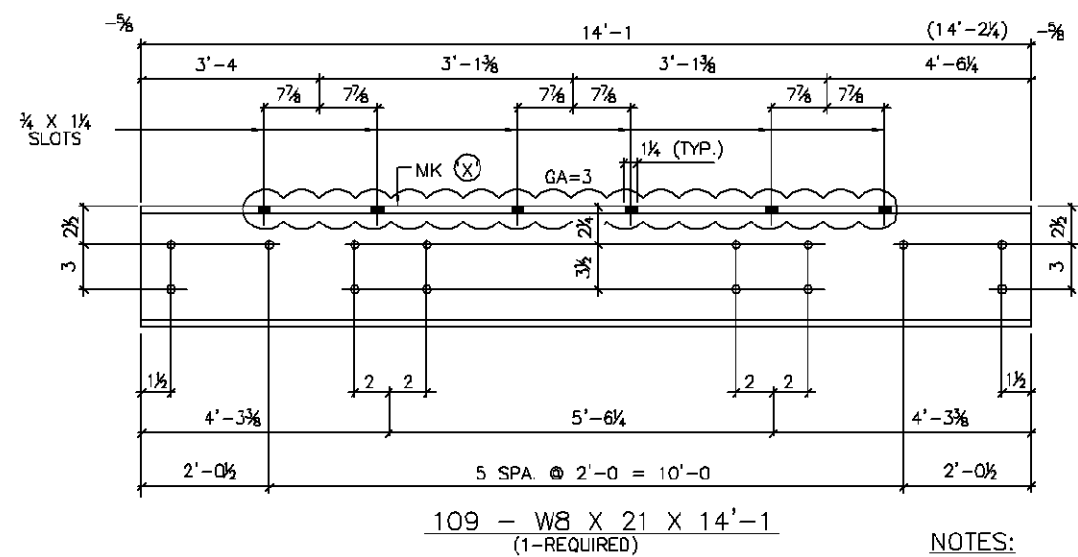
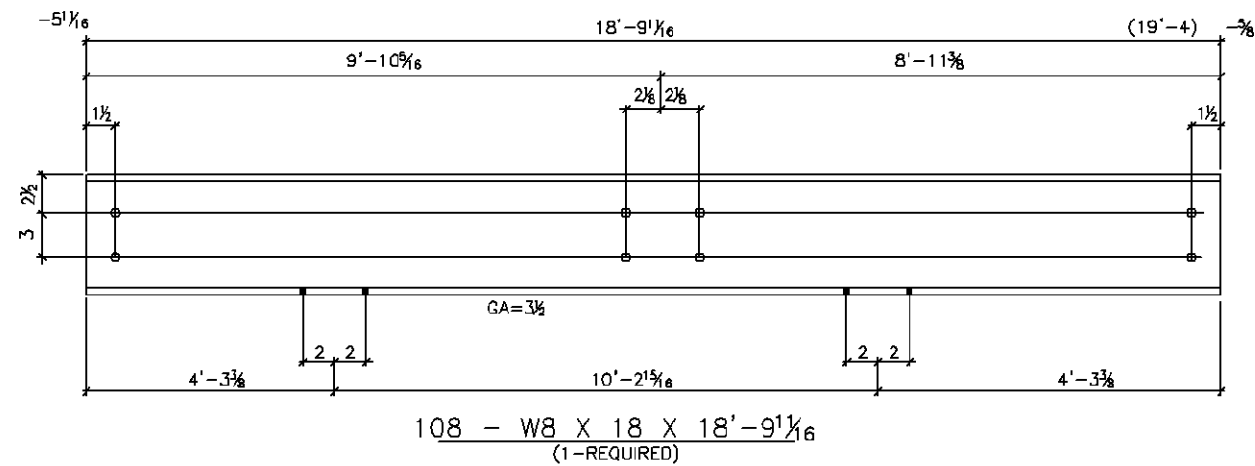
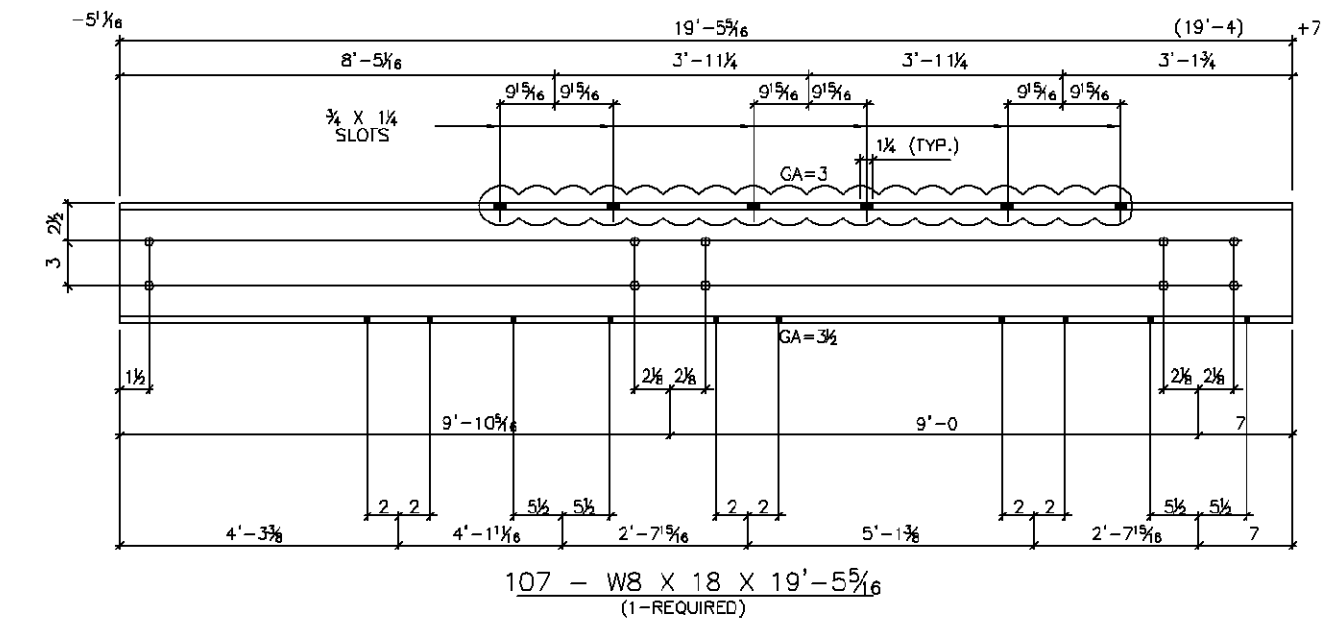
NOTES:

- HOLES: 1 1/8 inch diameter, unless noted
- STEEL: a) FOR W SHAPE ONLY USE ASTM A992 GALVANIZED PER ASTM A123
- b) FOR ALL OTHER SHAPES, USE ASTM A36, GALVANIZED PER ASTM A123

P.O. # 52034-800010			
TIC/TREASURE COAST ENERGY - UNIT 1			
FORT PIERCE, FLORIDA			
STG UNIT 1			
FILE #	J.O.# D-6422	DELTA-UNIBUS CORP.	CHICAGO, ILLINOIS 60131
THIS DRAWING IS THE PROPERTY OF THE DELTA UNIBUS CORPORATION, AND MAY NOT BE REPRODUCED IN ANY MANNER OR USED FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED BY THE DELTA UNIBUS CORPORATION.		STEEL DETAILS OF ISO-PHASE BUS SUPPORT	
DATE	02-09-07	BY	MGG
CHK	RG	SIZE	D
APP'D	JMN	AutoCAD #	U-123063X72A SH1
SHEET 1		OF 5	

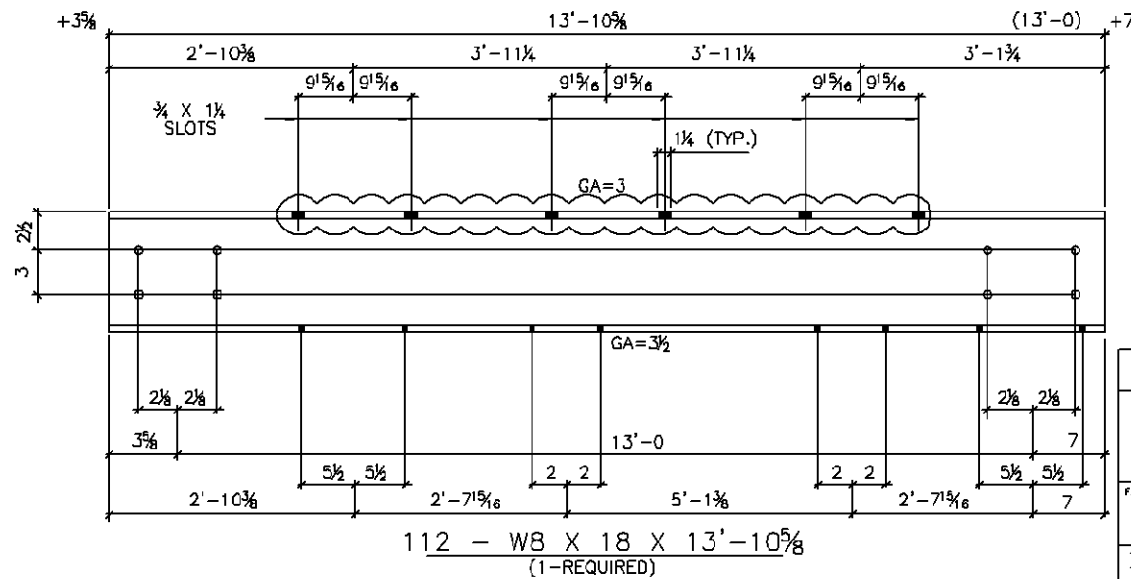
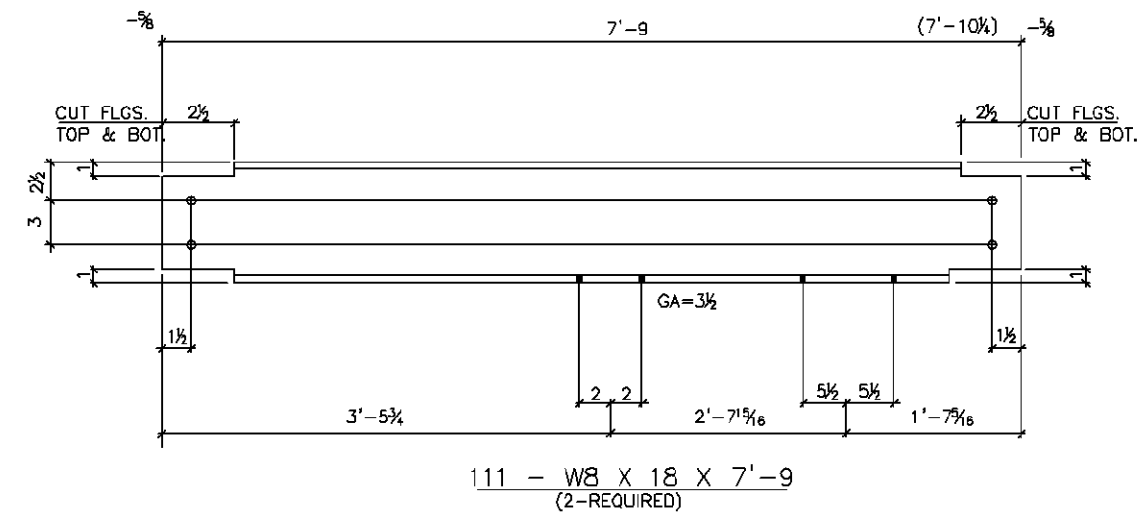
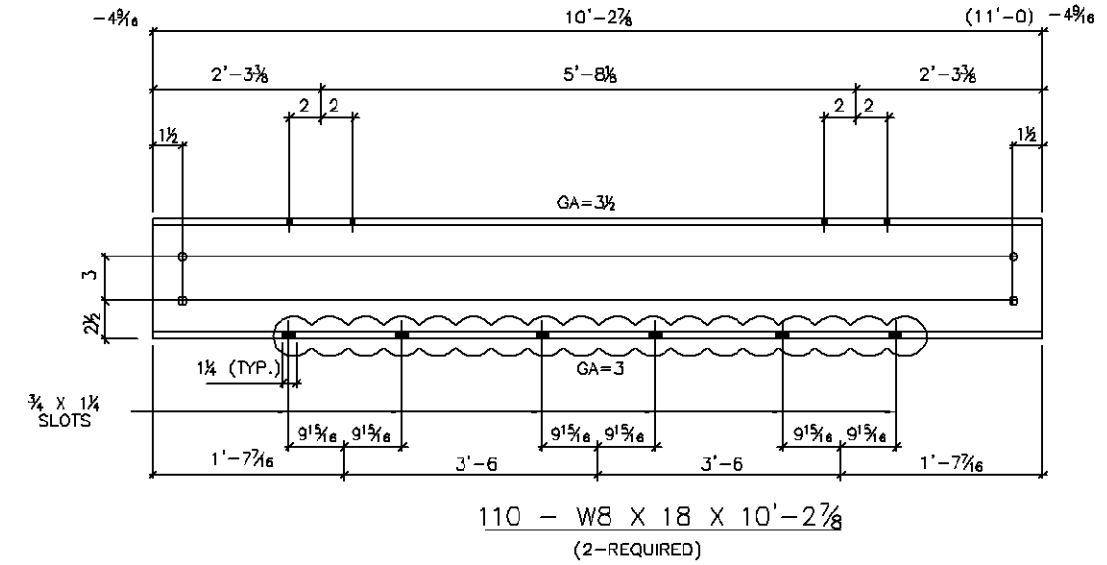
Review does not relieve contractor from responsibility for errors or deviations from contract requirements.

NO EXCEPTIONS NOTED
Release for manufacture



NOTES:

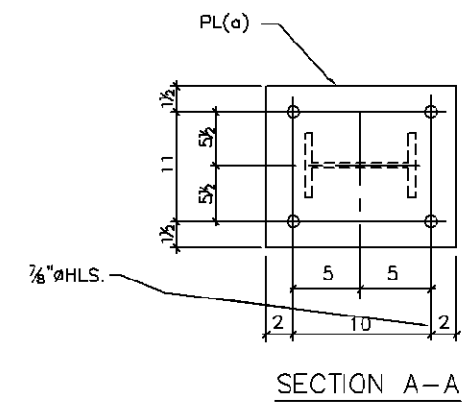
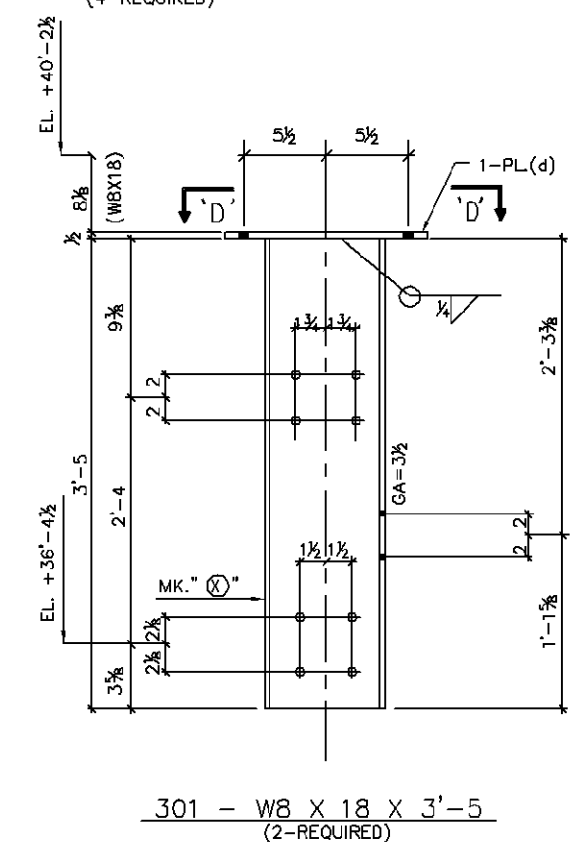
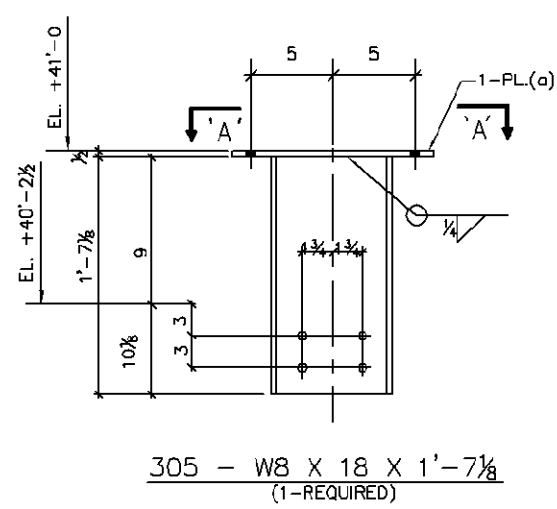
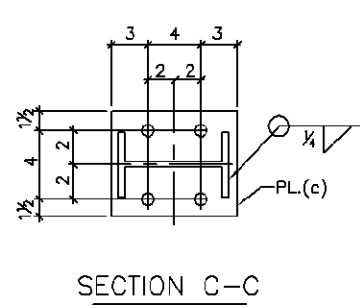
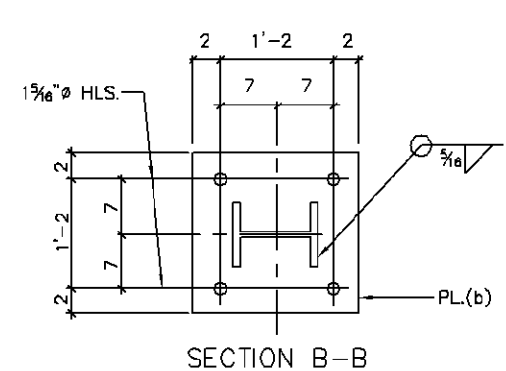
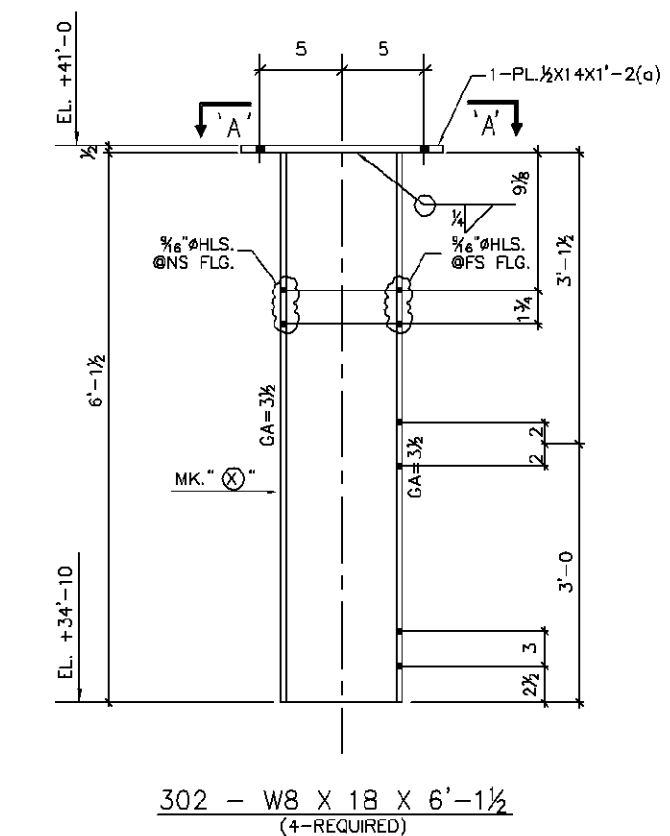
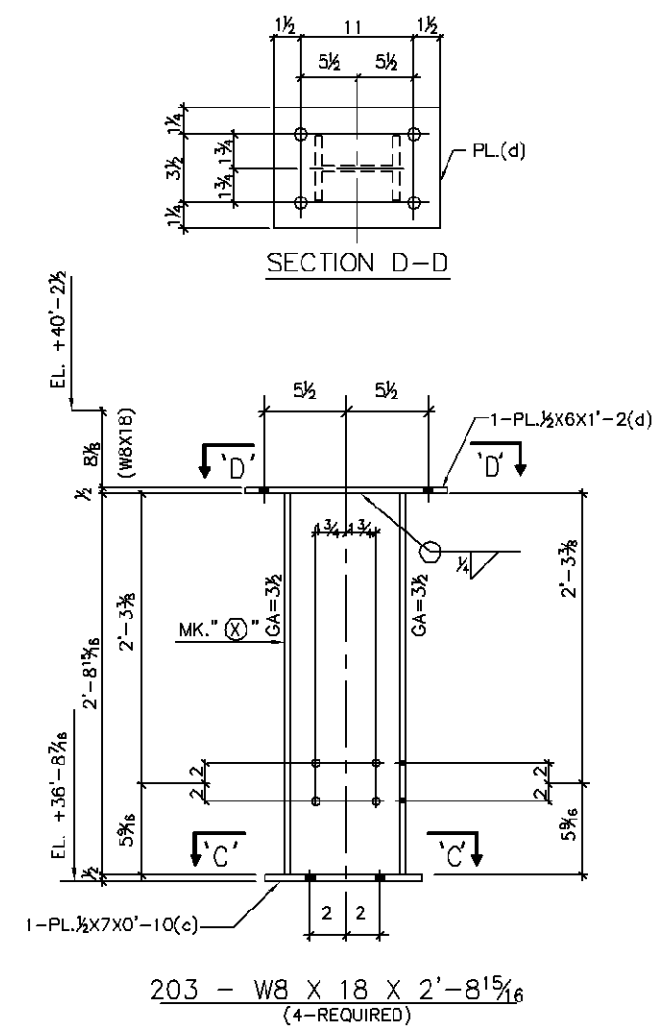
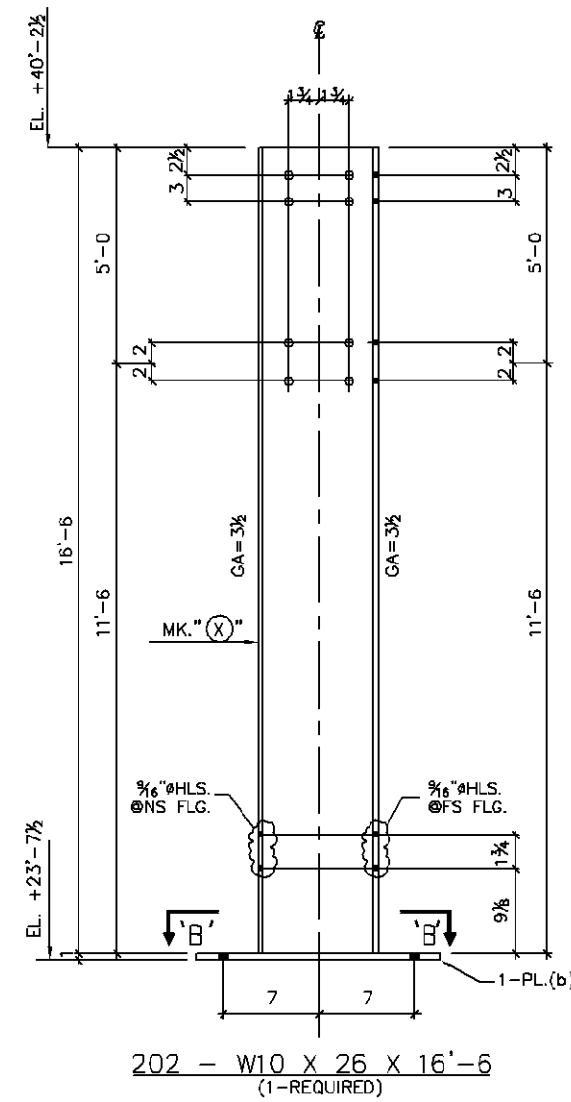
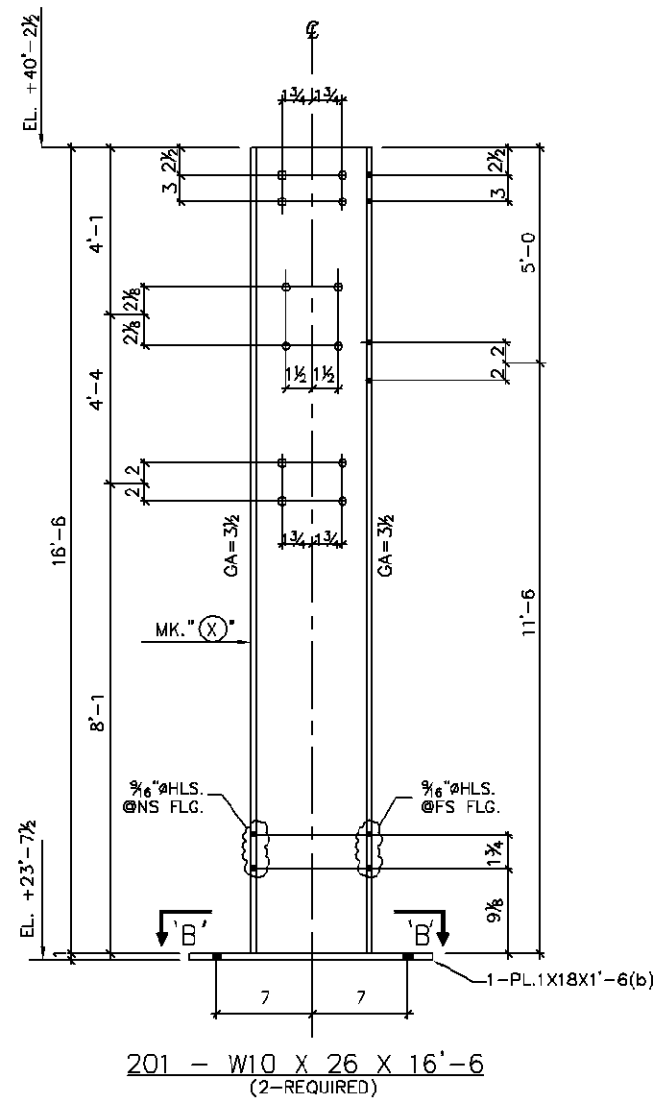
- HOLES: $\frac{1}{8}$ ϕ , UNLESS NOTED
 STEEL: a) FOR W SHAPE ONLY USE ASTM A992 GALVANIZED PER ASTM A123
 b) FOR ALL OTHER SHAPES, USE ASTM A36, GALVANIZED PER ASTM A123



P.O. # 52034-800010			
TIC/TREASURE COAST ENERGY - UNIT 1			
FORT PIERCE, FLORIDA			
STG UNIT 1			
F.W.F. J.O.# D-6422		DELTA-UNIBUS CORP. CHICAGO, ILLINOIS 60131	
THIS DRAWING IS THE PROPERTY OF THE DELTA UNIBUS CORPORATION, AND MAY NOT BE REPRODUCED IN ANY MANNER OR USED FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED BY THE DELTA UNIBUS CORPORATION.		STEEL DETAILS OF ISO-PHASE BUS SUPPORT	
DATE: 02-09-07	DESIGN: MGG	SIZE: D	QTY: 123063X72A
CHK: RG		APP: JMN	AutoCAD # U-123063X72A SH2
		SHEET 2 OF 5	

Review does not relieve contractor from responsibility for errors or deviations from contract requirements.

NO EXCEPTIONS NOTED
 Release for manufacture



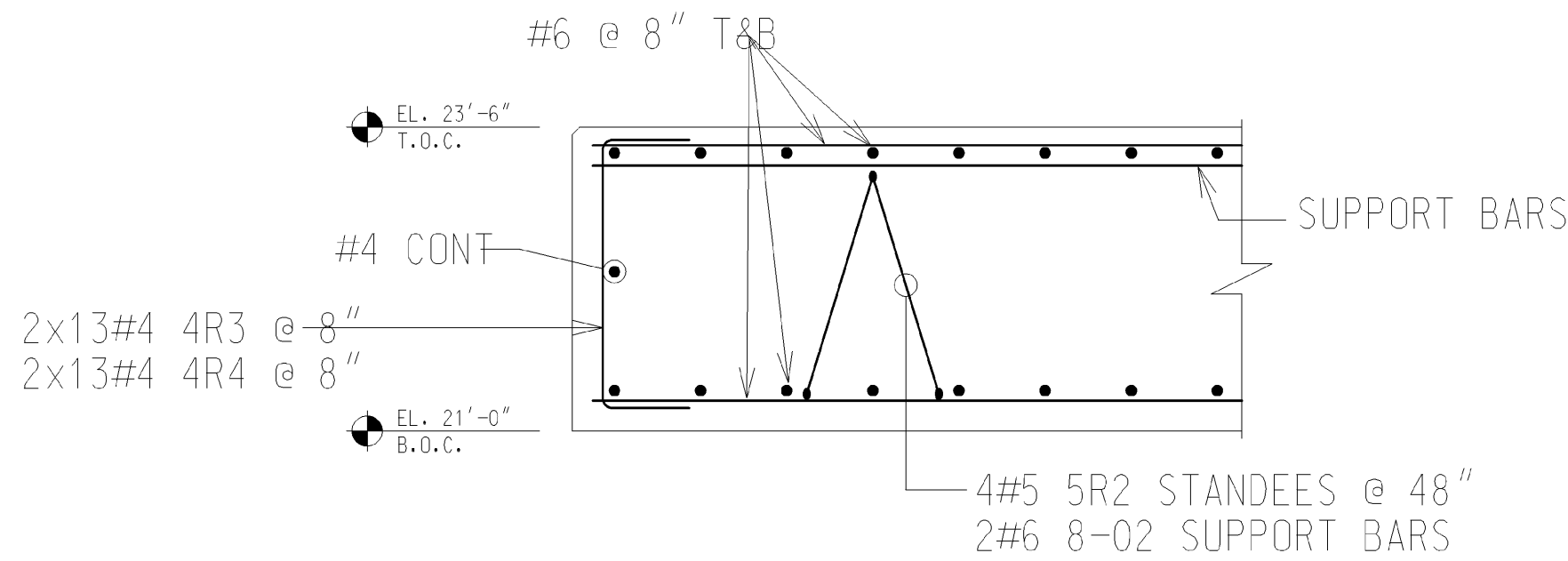
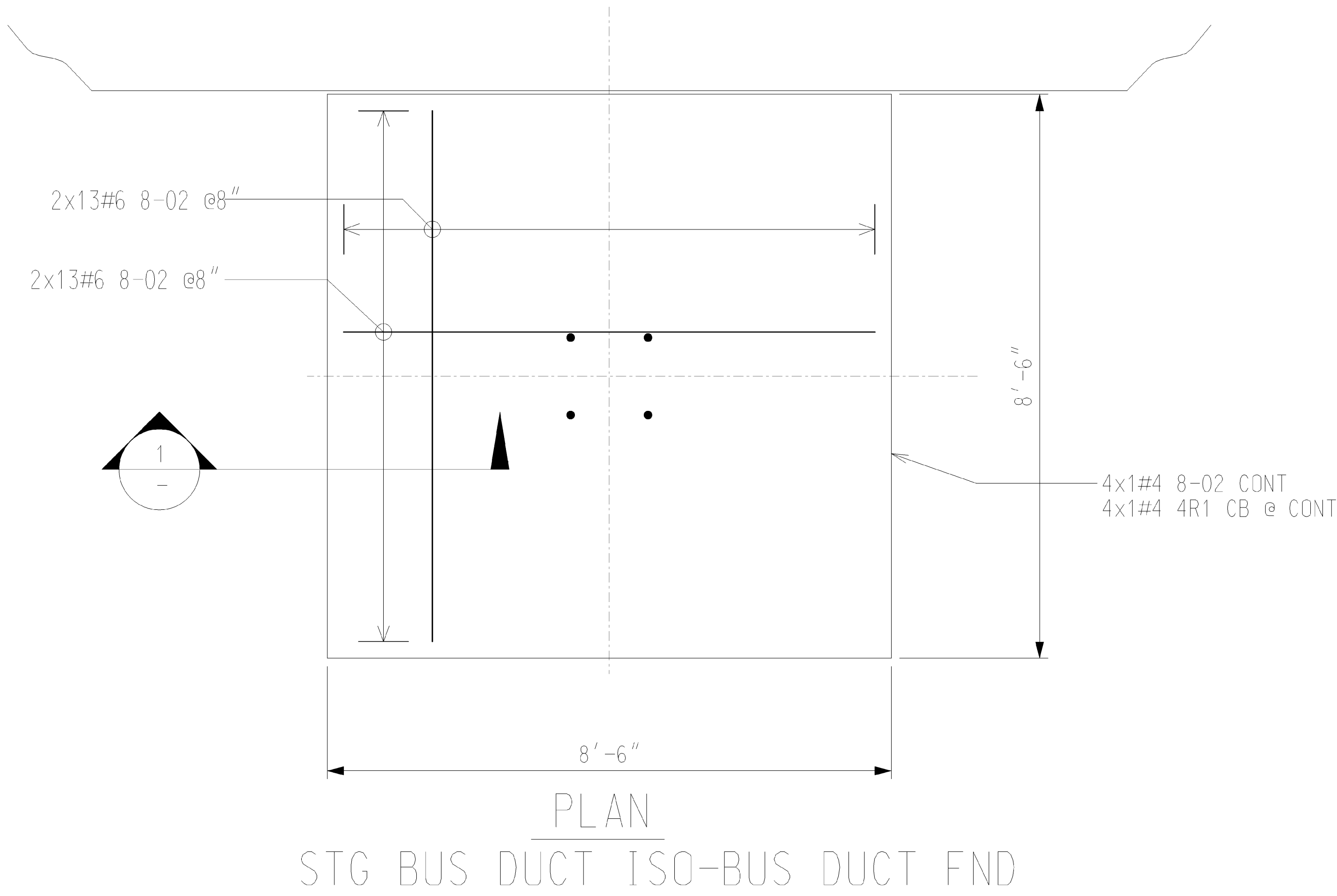
NOTES:
HOLES: 1/8" ϕ , UNLESS NOTED
STEEL: a) FOR W SHAPE ONLY USE ASTM A992 GALVANIZED PER ASTM A123
b) FOR ALL OTHER SHAPES, USE ASTM A36, GALVANIZED PER ASTM A123

REV.	DATE	DESCRIPTION	OWN	APPROV.	PO
REVISION RECORD					

P.O. # 52034-800010									
TIC/TREASURE COAST ENERGY - UNIT 1									
FORT PIERCE , FLORIDA									
STG UNIT 1									
F.O.#		J.O.# D-6422			DELTA-UNIBUS CORP. CHICAGO, ILLINOIS 60131				
THIS DRAWING IS THE PROPERTY OF THE DELTA UNIBUS CORPORATION, AND MAY NOT BE REPRODUCED IN ANY MANNER OR USED FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED BY THE DELTA UNIBUS CORPORATION.			STEEL DETAILS OF ISO-PHASE BUS SUPPORT						
DATE	02-09-07	DRW. BY	MGG	SIZE	D	CHK. NO.	U - 123063X72A	REV.	
CHK	RG								
APPR.	JMN			AutoCAD # U-123063X72A SH4			SHEET 4	OF 5	

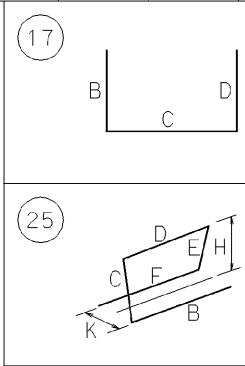
Review does not relieve contractor from responsibility for errors or deviations from contract requirements.

NO EXCEPTIONS NOTED
Release for manufacture



FRACTIONS ARE DISPLAYED IN QUARTER INCHES. EXAMPLE: 0-041 = 4 1/4", 0-042 = 4 1/2", 0-043 = 4 3/4"

SIZE	EP	BAR MARK	BND TYP	CD	A	B	C	D	E	F/R	G	H	J	K	O
5		5R2		25		1-06	1-103	0-08	1-103	1-06		1-10		0-11	
4		4R1		17		2-00	2-00								
4		4R3		17		0-10	2-001	0-10							
4		4R4		17		0-10	1-112	0-10							



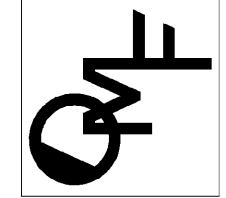
NOTE:

REINFORCING STEEL PLACING DRAWING ONLY. USE IN CONJUNCTION WITH CONTRACT DRAWINGS & SPECIFICATIONS. ELEVATIONS & DIMENSIONS SHOWN ON THIS DRAWING ARE FOR DETAILING PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION.

DETAILING NOTES & ITEMS FOR VERIFICATION :

- REINFORCING STEEL PLACING DRAWING ONLY. USE IN CONJUNCTION WITH CONTRACT DRAWINGS & SPECIFICATIONS. ELEVATIONS & DIMENSIONS SHOWN ON THIS DRAWING ARE FOR DETAILING PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION.
- THIS STRUCTURE WAS DETAILED USING THE FOLLOWING CONTRACT DRAWINGS:
D012525-GTAS12001-01 REV 0
- CLEARANCES:
FOUNDATION, 3" BOTTOM, 2" SIDES & 2" TOP

Quality Metal Fabricators, Inc.
2610 East 5th Ave Tampa, FL 33605
PH:(813) 831-7320 PH:(800) 881-9089 FAX:(813) 831-3436



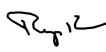
PROJECT: TREASURE COAST ENERGY CENTER, PB1
LOCATION: FT. PIERCE, FLORIDA
MATL FOR: STG BUS DUCT ISO-PHASE BUS DUCT FOUNDATION
ARCHITECT OR ENGINEER: UTILITY ENGINEERING
CONTRACTOR: THE INDUSTRIAL COMPANY

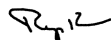
DRAWN BY: STEVE R.
QMF CONTROL NO.: QMF 0000000852
JOB NO.: QM-145-06
DRAWING NO.: RGTAS12001

FOR FILE &
FIELD USE

Review does not relieve contractor from responsibility for errors or deviations from contract requirements.

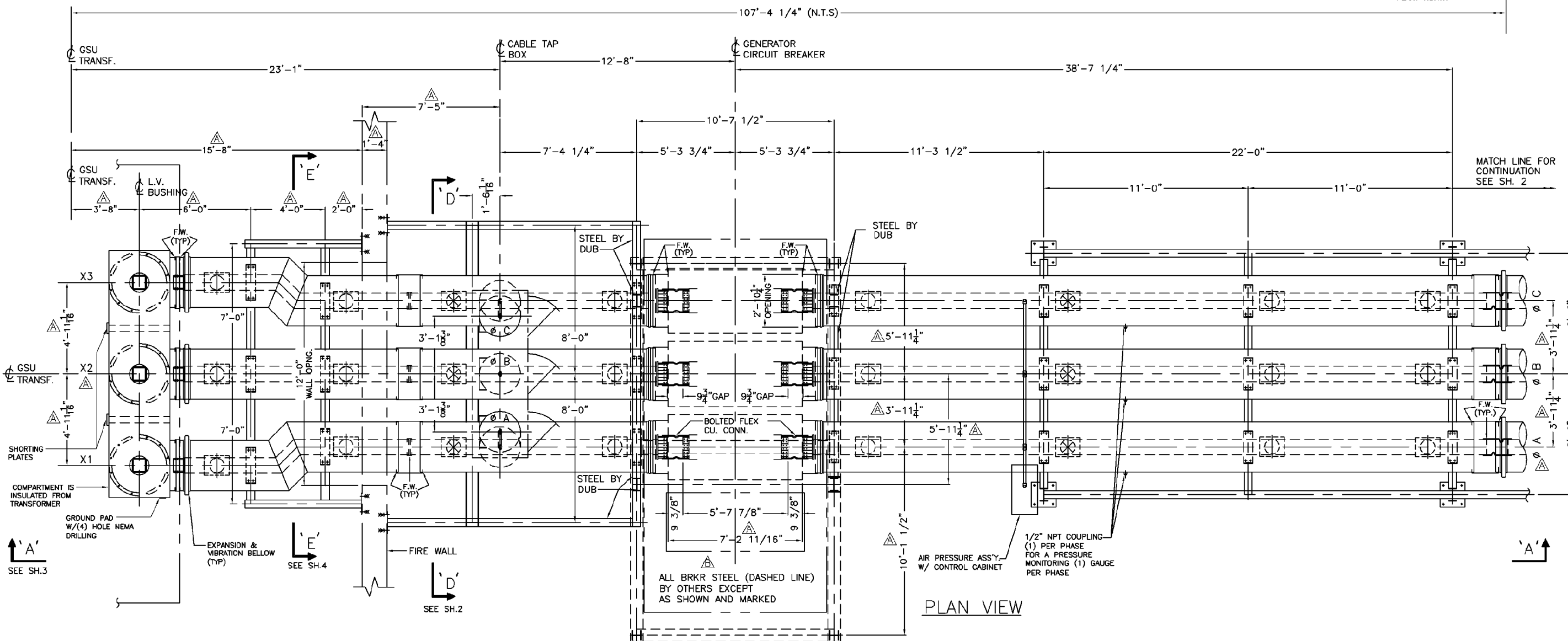
RECEIPT ACKNOWLEDGE D

APPV'D.	DWN.	REVISION DESCRIPTION	DATE	REV.	APPV'D.	DWN.	REVISION DESCRIPTION	DATE	REV.	ITEM NO.	QTY. REQ'D.	PART OR DRAWING NO.	DESCRIPTION	Review does not relieve contractor from responsibility for errors or deviations from contract requirements
										1	1	EXCEPTIONS NOTED Release for manufacture	ENCLOSURE FOR CONTROL PANEL HOFFMAN CAT. NO. A-24H30BLP	UTILITY ENGINEERING
										2	1	RETURNED FOR CORRECTION Do not proceed	HOFFMAN PANEL CAT. #A-30P24	
										3	1	FISHER MODEL NO. 64R-22	AIR PRESSURE REGULATOR (5-15 PSI)	
										4	1	McMASTER CAT. NO. 4699K2	LOW PRESSURE POP SAFETY VALVE (5 PSI)	
										5	1	69113X11	"DWYER" NO. RMC-108-SSV FLOWMETER	
										6	1	McMASTER CAT. NO. 4726K11	1/2" I.P.S. BALL VALVE	
										7	1	LESMAN CAT. NO. 046987A	PRESSURE GAUGE, 2" ROUND DIAL CENTER BACK 1/4" CONN., NPTM 0-15 PSI	
										8	1	63832X31, GR. 2	"UNITED ELECTRIC" PRESSURE SWITCH (0-20 PSI) CAT. #J40-222 (125/250 VAC, 60 HZ)	
										9	1		"UNITED ELECTRIC" PRESSURE SWITCH (30"HG VAC-20 PSI) CAT. #J6-134 (125/250/480 VAC, 60 HZ)	
										10	2	McMASTER CAT. NO. 5485K36	REDUCING HEX. NIPPLE (BRASS) MALE TO MALE 1/2" TO 1/4" (1.62" LG.)	
										11	2	52070X93	ENCLOSURE SEAL PLATE ASSEMBLY	
										12	3	64156X7	UNISTRUT P1000 CHANNEL (1 5/8" WIDTH SERIES)	
										13	3	McMASTER CAT. NO. 3115T353	STRUT-MOUNT CLAMP (ZINC-PLATED)	
										14	2	McMASTER CAT. NO. 4549K573	1/2" NPT - 2" LONG NIPPLE (WELDED STEEL GAL)	
										15	3	McMASTER CAT. NO. 4549K575	1/2" NPT - 3" LONG NIPPLE (WELDED STEEL GAL)	
										16	1	McMASTER CAT. NO. 4549K582	1/2" NPT - 6" LONG NIPPLE (WELDED STEEL GAL)	
										17	1	McMASTER CAT. NO. 4549K583	1/2" NPT - 7" LONG NIPPLE (WELDED STEEL GAL)	
										18	2	McMASTER CAT. NO. 4638K114	1/2" NPT - COUPLING (MALLEABLE IRON GAL)	
										19	2	McMASTER CAT. NO. 4638K824	1/2" NPT - SQ. HD. PLUG (MALLEABLE IRON GAL)	
										20	2	McMASTER CAT. NO. 4638K123	1/2" NPT - TEE (MALLEABLE IRON GAL)	
										21	1	McMASTER CAT. NO. 4638K187	1/2" NPT TO 3/4" NPT REDUCER TEE (MALLEABLE IRON GAL)	
										22	2	McMASTER CAT. NO. 4638K223	1/2" NPT - STREET ELBOW (MALLEABLE IRON GAL)	
										23	1	69070, GR. 10	8-POINT TERMINAL BLOCK OR EQUAL	
										24	2		#8-32 X 1/2" LG. R.H.M.S. (SST)	
CONTINUED ON SH. 2														
DELTA-UNIBUS CORP. CHICAGO, ILLINOIS 60131 														
THIS DRAWING IS THE PROPERTY OF THE DELTA-UNIBUS CORP. AND MAY NOT BE REPRODUCED IN ANY MANNER OR USED FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED BY THE DELTA-UNIBUS CORP. DWG. DATE: 10-10-06 DWN. BY: RD J.O. #D-6422														
CHK: RM SIZE: A DWG. NO. T-171123X71-M REV. -														
APPVL:  AutoCAD: T-171123X71-M SH 1.DWG SHEET 1 OF 2														

APPV'D.				ITEM NO.	QTY. REQ'D.	PART OR DRAWING NO.	DESCRIPTION
DWN.						CONTINUATION FROM SHEET #1	
REVISION DESCRIPTION				25	1	69142X40, GR. 1	NAMEPLATE - PRESSURE REGULATOR
				26	1	69142X40, GR. 2	NAMEPLATE - SAFETY VALVE
				27	1	69142X40, GR. 3	NAMEPLATE - FLOWMETER
				28	1	69142X40, GR. 8	NAMEPLATE - LOW PRESSURE SWITCH
				29	1	69142X40, GR. 9	NAMEPLATE - HIGH PRESSURE SWITCH
				30	14		#8-32 X 1/4" LG. R.H.M.S. (SST)
				31	6		1/4-20 X 3/4" LG. H.H.C.S. (SST)
				32	6		1/4"-20 HEX. NUT (SST)
				33	6		1/4" LOCKWASHER (SST)
				34	1	69160X78	NAME PLATE (CTG UNIT)
DATE					1	69160X79	NAME PLATE (STG UNIT)
REV.				35	1	61817	FILTER DRAIN
APPV'D.				36	*4		3/8-16 X 1" H.H.C.S. (SST)
DWN.				37	*4		3/8-16 X HEX, NUT (SST)
				38	*4		3/8" FLATWASHER (SST)
REVISION DESCRIPTION							
DELTA-UNIBUS CORP.  CHICAGO, ILLINOIS 60131						LIST OF MATERIAL AIR PRESSURIZATION EQUIPMENT ASSEMBLY FOR ISO-PHASE BUS	
DATE				DWG. DATE 10-10-06 CHK. RM APPVL. 		DWN. BY RD J.O. #D-6422 SIZE A DWG. NO. T-171123X71-M	
REV.				THIS DRAWING IS THE PROPERTY OF THE DELTA-UNIBUS CORP. AND MAY NOT BE REPRODUCED IN ANY MANNER OR USED FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED BY THE DELTA-UNIBUS CORP.		REV. - CODE: T-171123X71-M SH 2.DWG SHEET 2 OF 2	



GENER.
3 15/16"



TECHNICAL DATA

TYPICAL BUS RATING DATA:
ISOLATED PHASE BUS, CONTINUOUS HOUSING DESIGN.
3 PHASE, 60 HZ, SELF COOLED.
RATED VOLTAGE: 18 KV
BASIC IMPULSE LEVEL: 150 KV
WITHSTAND: 80 KV (1 MIN. DRY)
TEMPERATURE RISE ABOVE 40 °C. AMBIENT: CONDUCTOR 65 °C. ENCLOSURE 40 °C.

MAIN BUS:
8,000 AMP. CONTINUOUS (SELF COOLED)
130,000 AMP. MOMENTARY (ASYM) RMS

CABLE TAP BOX BUS:
1,200 AMP. CONTINUOUS (SELF COOLED)
192,000 AMP. MOMENTARY (ASYM) RMS

BUS MATERIAL:
MAIN BUS: ENCLOSURE: 32 3/8" O.D. X 3/16" WALL ALUMINUM
CONDUCTOR: 10" O.D. X 1/2" WALL ALUMINUM
TAP BUS: ENCLOSURE: 26 3/8" O.D. X 1/8" WALL ALUMINUM
CONDUCTOR: 2 1/2" O.D. X 1/2" ALUM. EXTRUSION (4897A07H10)

CONNECTION:
EQUIPMENT TERMINATIONS ARE BOLTED SILVER TO SILVER.
ALL OTHER BUS CONNECTIONS ARE WELDED.

FINISH:
CONDUCTOR: FLAT BLACK
ENCLOSURE: ANSI #61 (INDOOR)
ENCLOSURE: ANSI #61 (OUTDOOR)

SUPPORT STEEL: OUTDOOR- HOT DIP GALVANIZED ASTM A36 STEEL

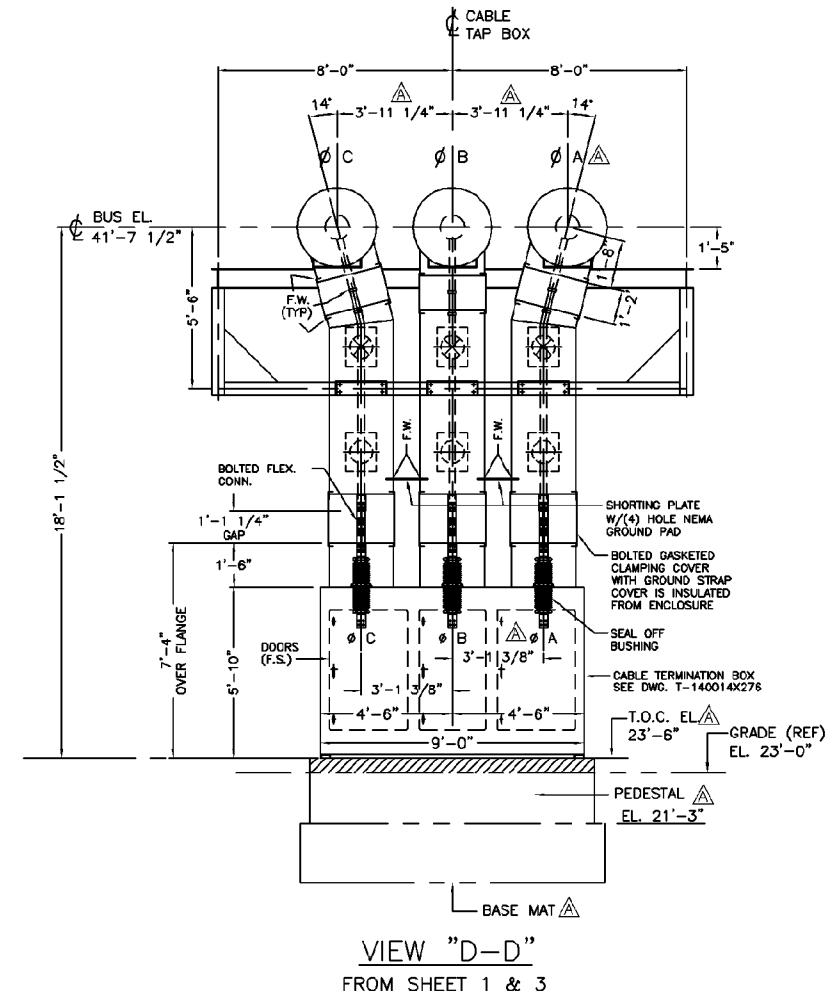
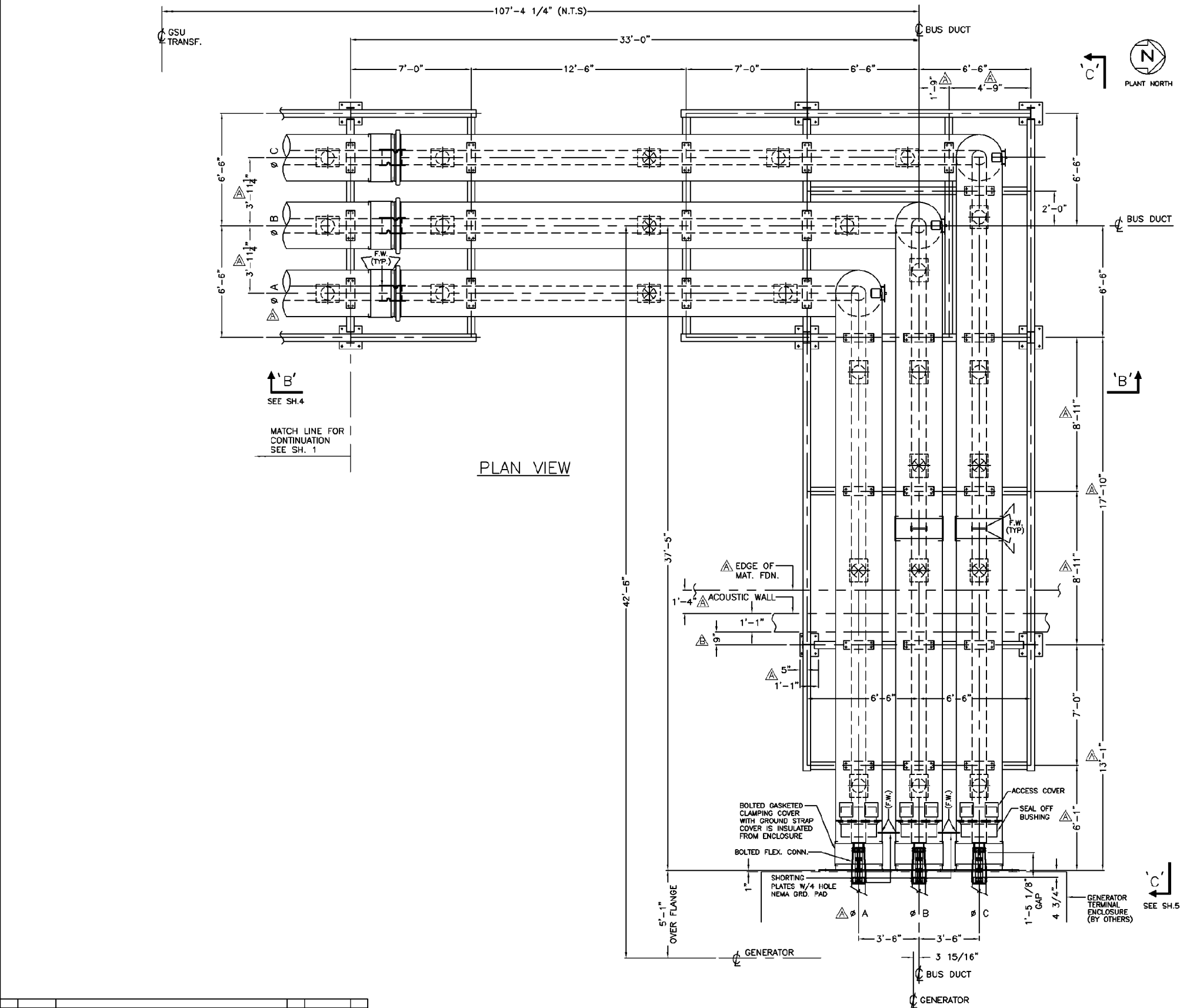
- NOTES:**
1. = SHIPPING ITEMS
 2. FOR SHIPPING ITEMS SEE MASTER LIST OF MATERIAL DWG. #U-126827-M
 3. F.W. = FIELD WELD
 4. FOR ANCHOR BOLT LAYOUT & CONNECTIONS DETAILS SEE DWG. #U-123054X45
 5. FOR BUS SUPPORT STRUCTURAL ERECTION DIAGRAM & BILL OF MATERIAL SEE DWG. #U-123063X71
 6. = CONDUCTOR FIXED ANCHOR LOCATION
 7. **FIELD ASSEMBLY NOTE:**
IT IS RECOMMENDED THAT ALL EQUIPMENT CONNECTIONS BE MADE UP BEFORE ANY WELDING IS PERFORMED
 8. ALL BOLTED FLEXIBLE CONNECTIONS AT EQUIPMENT TERMINATIONS SERVE AS DISCONNECTING LINKS

P.O. #: 52034-800010			
TIC/TREASURE COAST ENERGY-UNIT 1 FORT PIERCE, FLORIDA CTG UNIT 1			
F.M.F. J.O. #D-6422		DELTA-UNIBUS CORP. CHICAGO, ILLINOIS 60131	
THIS DRAWING IS THE PROPERTY OF THE DELTA UNIBUS CORPORATION, AND MAY NOT BE REPRODUCED IN ANY MANNER OR USED FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED BY THE DELTA UNIBUS CORPORATION.			
DWG. DATE: 07-24-06 CHK: RLR		GENERAL LAYOUT OF ISO-PHASE BUS	
DWG. BY: BSS		SIZE: D	
AutoCAD #: U-126827 SH1.DWG		U - 126827	
APPV:		REV. B	
SCALE: .375 = 1'-0"		SHEET 1 OF 5	

REV.	DATE	DESCRIPTION	DWN.	APPV.	REV.
B	1-08-07	REVISED PER APPROVAL OF 11-20-06	RD	MIN	
A	10-08-06	REVISED PER APPROVAL OF 10-04-06	BSS	MIN	
REV.	DATE	DESCRIPTION	DWN.	APPV.	REV.
REVISION RECORD					

Review does not relieve contractor from responsibility for errors or deviations from contract requirements.

NO EXCEPTIONS NOTED
Release for manufacture



REV.	DATE	DESCRIPTION	APP'D	REV.
B	1-09-07	REVISED PER APPROVAL OF 11-20-08	RD	1
A	10-09-06	REVISED PER APPROVAL OF 10-04-06	BSS	1
REVISION RECORD				

P.O. #: 52034-800010				
TIC/TRFASURF COAST ENERGY-UNIT 1 FORT PIERCE, FLORIDA CTG UNIT 1				
F.A.F. J.O. #D-6422		DELTA-UNIBUS CORP. CHICAGO, ILLINOIS 60131		
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DATE 07-24-06	DRAWN BY BSS	SIZE D	DWG. NO. U - 126827	REV. B
APPR 		AutoCAD #: U-126827 SH2.DWG		SHEET 2 of 5

Review does not relieve contractor from responsibility for errors or deviations from contract requirements.

NO EXCEPTIONS NOTED
Release for manufacture



PROPOSED BP
& COLUMN

MOVE

RELOCATED BP
& COLUMN

CW13

CW12

ACOUSTIC WALL

EDGE OF MAT FDN.

ACCESSIBILITY
REQUIRED FOR GENERATOR
COOLER REMOVAL

KEEP CLEAR - DOORWAY

PROPOSED BP
& COLUMN

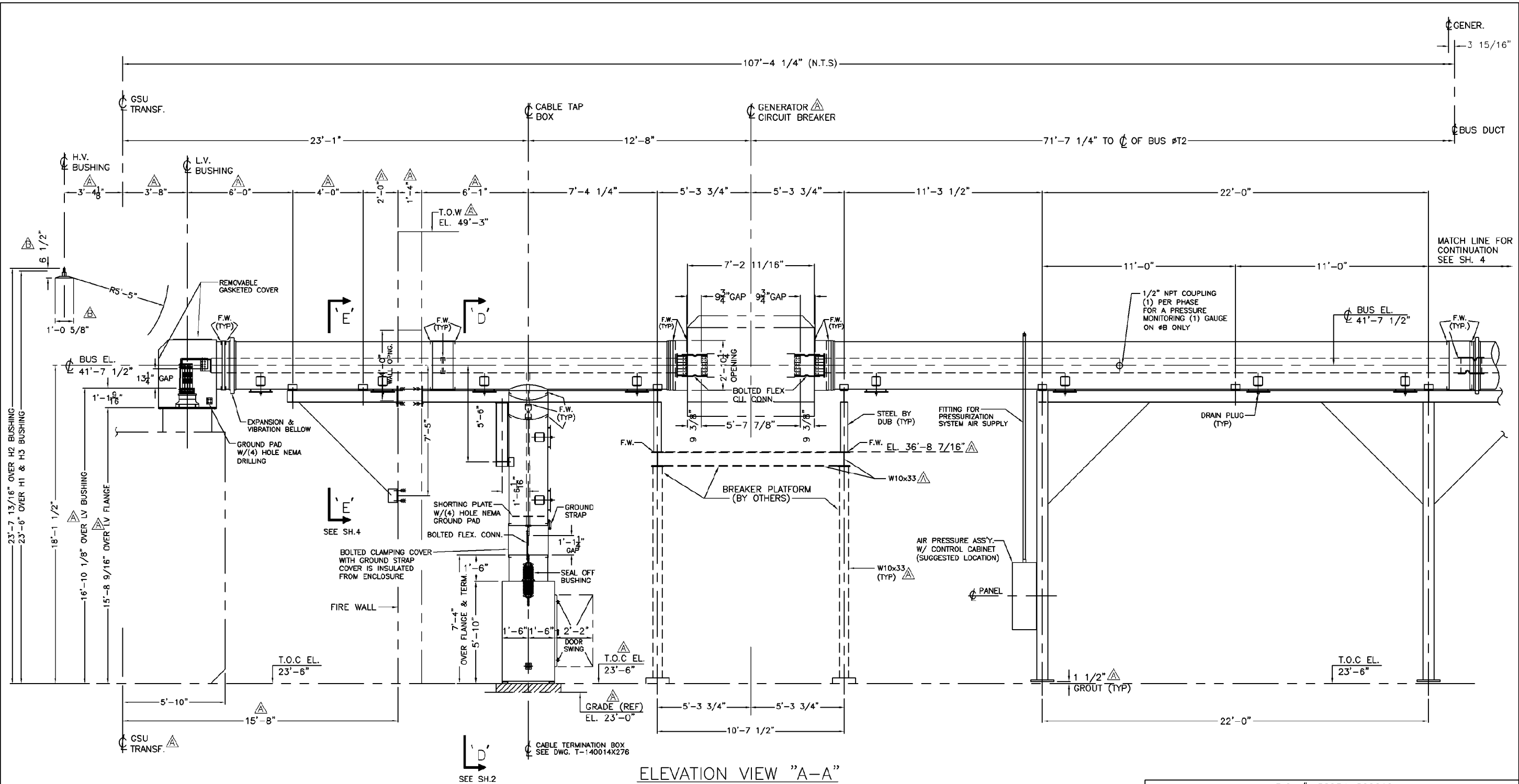
W12 X 40 (TYP)

CW13(ALT)

CW12(ALT)

M012525-GTKA018 S02A RP
TREASURE COAST

10/3/2006



ELEVATION VIEW "A-A"
FROM SHEET 1

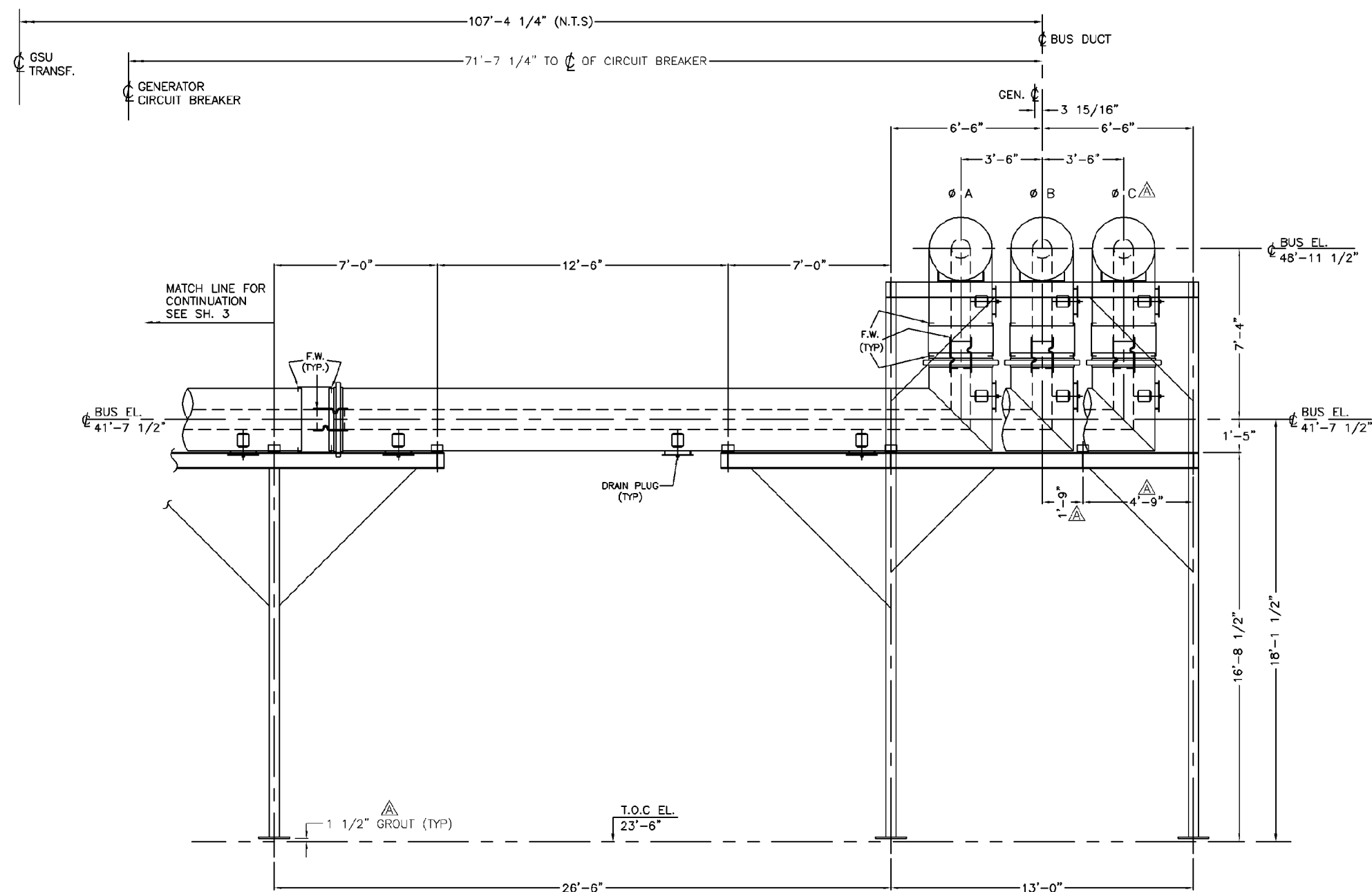
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B	1-09-07	REVISED PER APPROVAL OF 11-20-05	RD	MIN	
A	10-09-06	REVISED PER APPROVAL OF 10-04-05	BSS	MIN	

P.O. #: 52034-800010				
TIC/TREASURE COAST ENERGY-UNIT 1 FORT PIERCE, FLORIDA CTG UNIT 1				
F.M.F. J.O. #D-6422		DELTA-UNIBUS CORP. CHICAGO, ILLINOIS 60131		
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DWG. DATE	07-24-06	OWN. BY	BSS	REV.
CHK.	RR	SIZE	D	DWG. NO.
		U - 126827		B
APPR.	AutoCAD #: U-126827 SH3.DWG		SHEET 3	OF 5

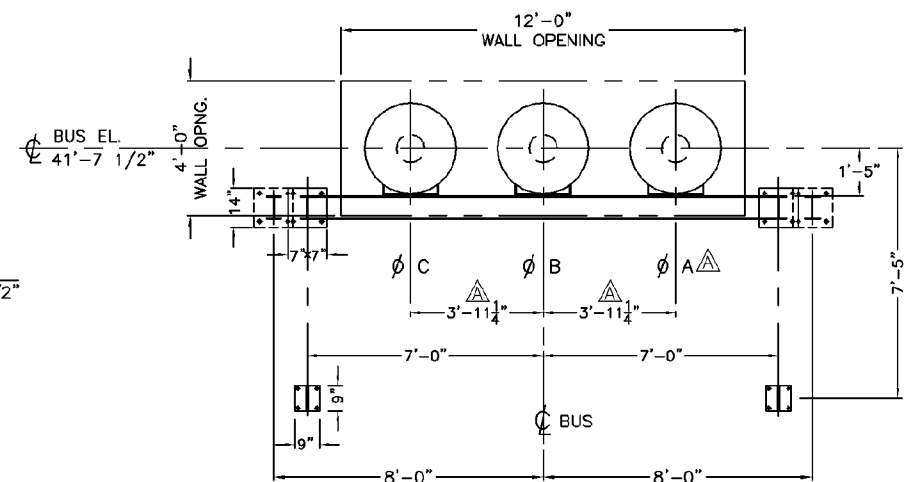
SCALE: .375 = 1'-0"

Review does not relieve contractor from responsibility for errors or deviations from contract requirements.

NO EXCEPTIONS NOTED
Release for manufacture



ELEVATION VIEW "B-B"
FROM SHEET 2



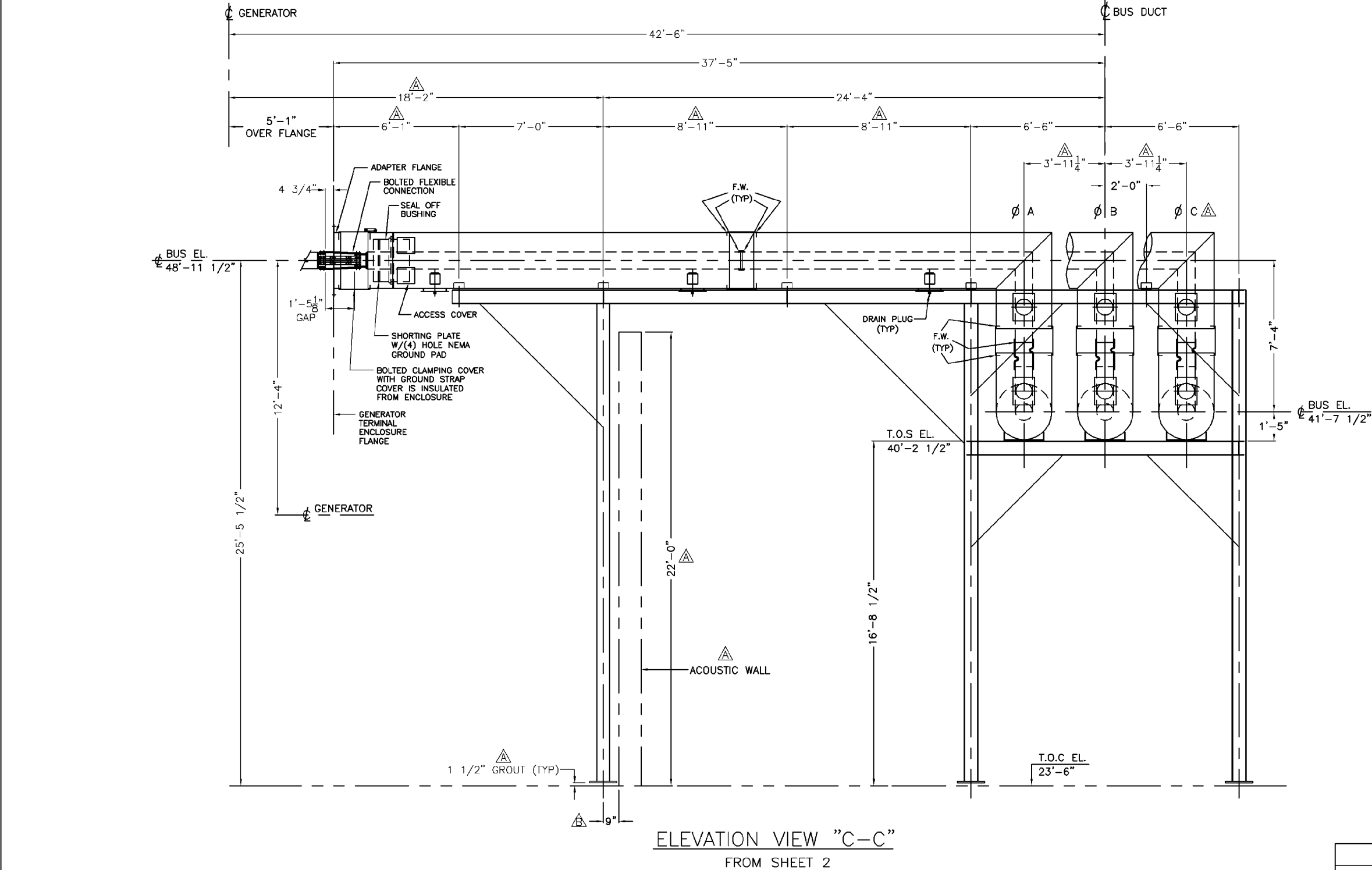
VIEW "E-E"
FROM SHEET 1 & 3

P.O. #: 52034-800010			
TIC/TREASURE COAST ENERGY-UNIT 1 FORT PIERCE, FLORIDA CTG UNIT 1			
F.M.F. J.O. #D-6422		DELTA-UNIBUS CORP. CHICAGO, ILLINOIS 60131	
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DWG. DATE 07-24-06	DWG. BY BSS	SIZE D	DWG. NO. U - 126827
CHK. RJR	APPV. RJR	AutoCAD #: U-126827 SH4.DWG	REV. B
SCALE: .375 = 1'-0"		SHEET 4 OF 5	

REV.	DATE	DESCRIPTION	DWN.	APPV'D.	REV.
B	1-08-07	REVISED PER APPROVAL OF 11-20-06	RD	MIN	
A	10-08-06	REVISED PER APPROVAL OF 10-04-06	BSS	MIN	
REVISION RECORD					

Review does not relieve contractor from responsibility for errors or deviations from contract requirements.

NO EXCEPTIONS NOTED
Release for manufacture



REV.	DATE	DESCRIPTION	DWN.	APP'D.	RC'D.
B	1-08-07	REVISED PER APPROVAL OF 11-20-06	RD	MIN	
A	10-09-06	REVISED PER APPROVAL OF 10-04-06	BSS	MIN	

SCALE: .375 = 1'-0"

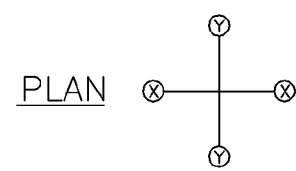
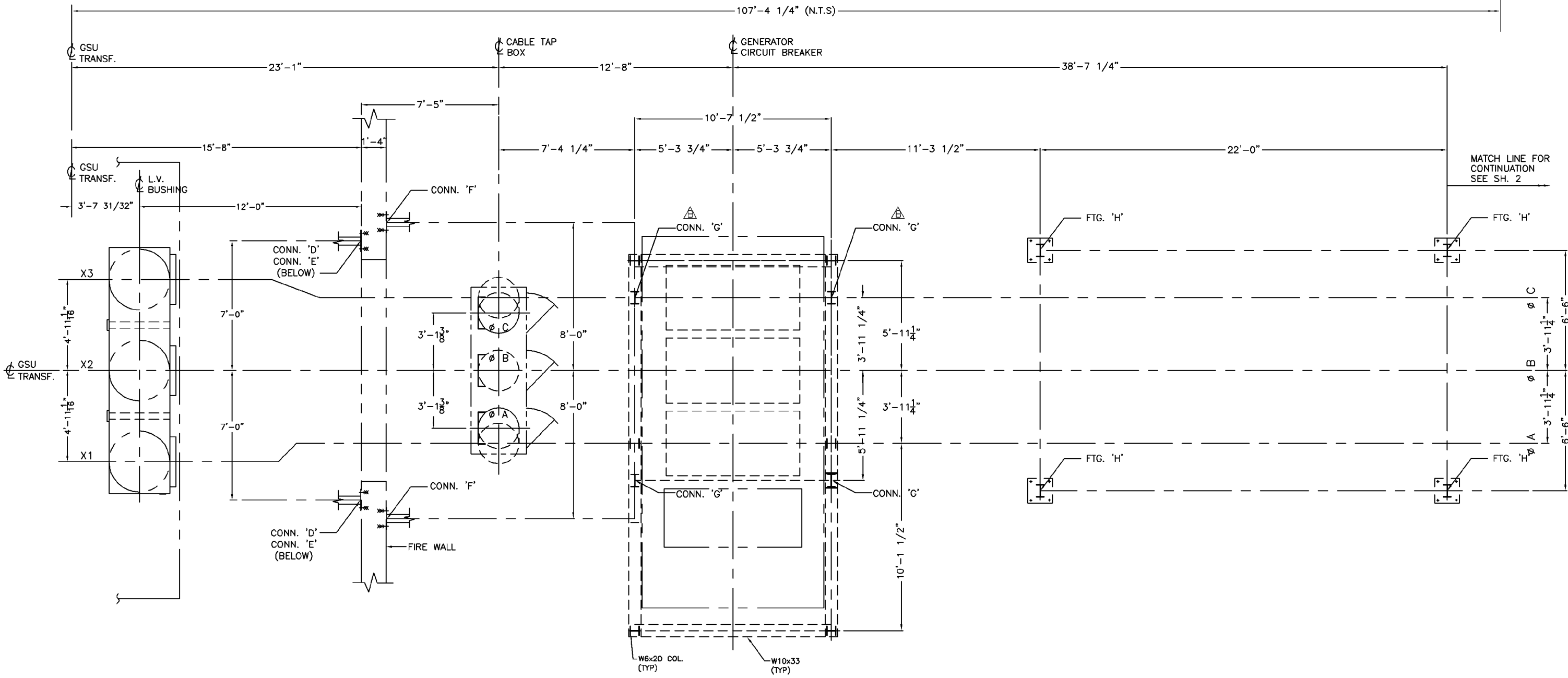
P.O. #52034-800010					
TIC/TREASURE COAST ENERGY-UNIT 1 FORT PIERCE, FLORIDA CTG UNIT 1					
F.M.F. J.O. #D-6422		DELTA-UNIBUS CORP. CHICAGO, ILLINOIS 60131			
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DWG. DATE 07-24-06	DWG. BY BSS	SIZE D	DWG. NO. U - 126827	REV. B	
CHK. RJR	APP. RJR	AutoCAD #: U-126827 SH5.DWG			
		SHEET 5 OF 5			

Review does not relieve contractor from responsibility for errors or deviations from contract requirements.

NO EXCEPTIONS NOTED
Release for manufacture



GENER.
3' 15/16"



REV.	DATE	DESCRIPTION	DWN.	APP'D.
B	1-09-07	REVISED PER APPROVAL OF 11-20-06	RD	JYN
A	10-30-06	REVISED PER APPROVAL OF 10-04-06	EGC	JYN

SCALE: .375 = 1'-0"

P.O. #: 52034-800010			
TIC/TREASURE COAST ENERGY-UNIT 1 FORT PIERCE, FLORIDA CTG UNIT 1			
F.M.F. J.O. #D-6422		DELTA-UNIBUS CORP. CHICAGO, ILLINOIS 60131	
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DWG. DATE 09-13-06	DWG. BY EGC	SIZE D	DWG. NO. U - 123054X45
CHK. RG	APP'D. JYN	AutoCAD #: U-123054X45 SH1	REV. B
SHEET 1 OF 3			

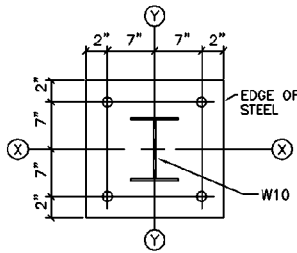
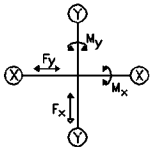
Review does not relieve contractor from responsibility for errors or deviations from contract requirements.

NO EXCEPTIONS NOTED
Release for manufacture

FOOTING LOAD TABLE															
FOOTING/ CONNECTION MARK	VERTICAL LOADS			HORIZONTAL LOADS											
	DEAD LOAD STRUCT k	DEAD LOAD EQUIP k	ICE OR SNOW k	ABOUT X-X AXIS						ABOUT Y-Y AXIS					
				WIND			SEISMIC			WIND			SEISMIC		
				SHEAR	O.T.M	*	SHEAR	O.T.M	*	SHEAR	O.T.M	*	SHEAR	O.T.M	*
				F _x (k)	M _x (k')	(k)	F _x (k)	M _x (k')	(k)	F _y (k)	M _y (k')	(k)	F _y (k)	M _y (k')	(k)
CONN."D"															
CONN."E"															
CONN."F"															
CONN."G"	0.5	1.0	—	1.2	3.8	—	0.1	0.5	—	0.8	2.6	—	0.1	0.5	—
FTG."H"	1.3	2.0	—	3.5	20.0	8.8	0.4	2.0	0.8	1.0	4.8	1.5	0.3	1.5	0.5
FTG."J"	2.1	3.0	—	4.6	27.0	17.0	0.5	3.0	1.8	4.5	25.6	16.2	0.5	1.5	1.5
FTG."K"/"K1"	1.6	1.6	—	0.6	4.2	—	0.2	1.5	—	3.5	19.7	12.4	0.3	2.0	1.2

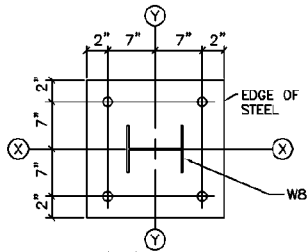
FOOTING LOAD NOTES:

- LOADS & SHEARS ARE GIVEN IN KIPS.
- O.T.M. DENOTES OVERTURNING MOMENT & IS GIVEN IN KIP-Feet.
- * DENOTES VERTICAL LOAD, EITHER COMPRESSION OR UPLIFT DUE TO WIND OR SEISMIC LOADS.
- WIND LOADS ARE BASED ON THE ASCE 7-05 CODE.
WIND VELOCITY = 140 M.P.H., OCCUPANCY CATEGORY IV.
EXPOSURE CATEGORY C, IMPORTANCE FACTOR, $I = 1.15$
- SEISMIC LOADS ARE BASED ON THE ASCE 7-05 CODE
AND THE 2004 FLORIDA BUILDING CODE.
SITE CLASS D, SEISMIC DESIGN CATEGORY A, OCCUPANCY CATEGORY IV.
IMPORTANCE FACTOR, $I = 1.50$
SPECTRAL RESPONSE ACCELERATION:
 $S_1 = 0.029g$
 $S_2 = 0.069g$
- SEE DRAWING #U-126827 FOR ISO-PHASE BUS GENERAL LAYOUT.



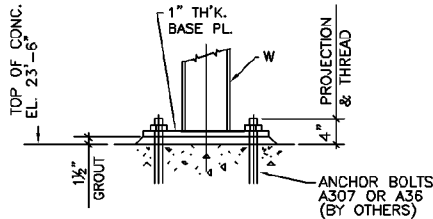
FTG. 'H' - 4 REQ'D.
FTG. 'J' - 4 REQ'D.

- (4) 1" DIA. ANCHOR BOLTS (BY OTHERS)
W/ 4" PROJ. ABOVE CONC. ELEV.
(SEE TYPICAL GROUT DETAIL "1")

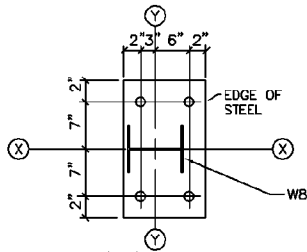


FTG. 'K' - 1 REQ'D.

- (4) 1" DIA. ANCHOR BOLTS (BY OTHERS)
W/ 4" PROJ. ABOVE CONC. ELEV.
(SEE TYPICAL GROUT DETAIL "1")

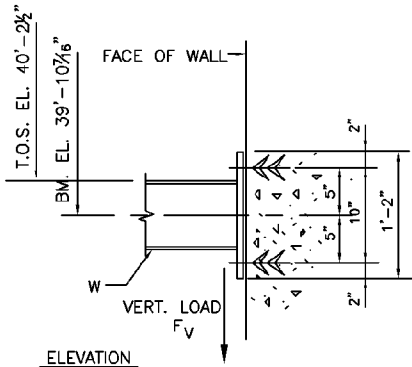


TYPICAL GROUT DETAIL "1"



FTG. 'K1' - 1 REQ'D.

- (4) 1" DIA. ANCHOR BOLTS (BY OTHERS)
W/ 4" PROJ. ABOVE CONC. ELEV.
(SEE TYPICAL GROUT DETAIL "1")



ELEVATION

CONN. 'D' - 2 REQ'D.

- (4) 3/4" DIA. EXP. ANCHORS W/ 4 3/4" EMBED.
(BY OTHERS)

DEAD LOADS(STRUCT. + BUS):

VERT. LOAD, $F_v = 0.8$ K

HOR. LOAD, $F_y = 1.1$ K

SEISMIC LOADS:

HOR. LOAD, $F_x = 0.2$ K

HOR. LOAD, $F_y = 0.1$ K

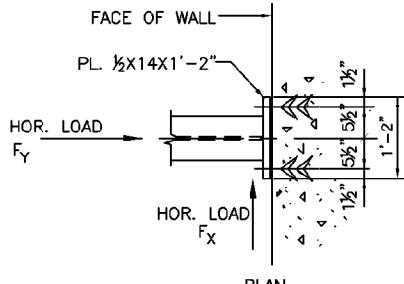
B. MOMENT, $M_x = 0.6$ FT. K

WIND LOADS:

HOR. LOAD, $F_x = 1.6$ K

HOR. LOAD, $F_y = 0.6$ K

B. MOMENT, $M_x = 5.5$ FT. K



PLAN

CONN. 'F' - 2 REQ'D.

- (4) 3/4" DIA. EXP. ANCHORS W/ 4 3/4" EMBED.
(BY OTHERS)

DEAD LOADS(STRUCT. + BUS):

VERT. LOAD, $F_v = 0.5$ K

SEISMIC LOADS:

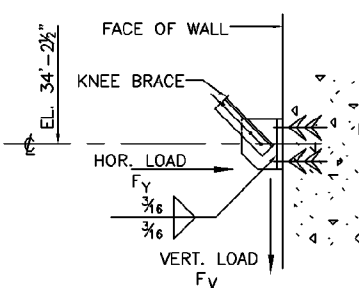
HOR. LOAD, $F_x = 0.1$ K

HOR. LOAD, $F_y = 0.1$ K

WIND LOADS:

HOR. LOAD, $F_x = 1.0$ K

HOR. LOAD, $F_y = 2.0$ K



ELEVATION

CONN. 'E' - 2 REQ'D.

- (4) 3/4" DIA. EXP. ANCHORS W/ 4 3/4" EMBED.
(BY OTHERS)

DEAD LOADS(STRUCT. + BUS):

VERT. LOAD, $F_v = 1.1$ K

HOR. LOAD, $F_y = 1.1$ K

SEISMIC LOADS:

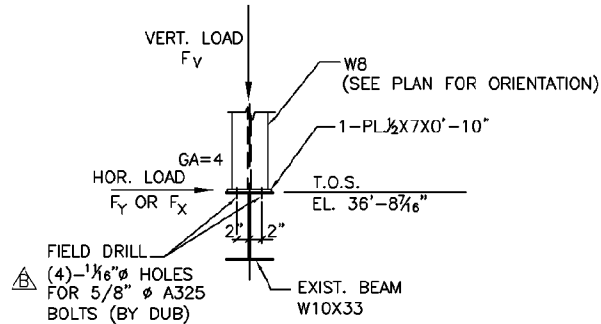
HOR. LOAD, $F_x = 0.1$ K

HOR. LOAD, $F_y = 0.1$ K

WIND LOADS:

HOR. LOAD, $F_x = 0.10$ K

HOR. LOAD, $F_y = 0.10$ K



CONN. 'G' - 4 REQ'D.

- (4) 1" DIA. EXP. ANCHORS W/ 4 3/4" EMBED.
(BY OTHERS)

DEAD LOADS(STRUCT. + BUS):

VERT. LOAD, $F_v = 0.5$ K

SEISMIC LOADS:

HOR. LOAD, $F_x = 0.1$ K

HOR. LOAD, $F_y = 0.1$ K

WIND LOADS:

HOR. LOAD, $F_x = 1.0$ K

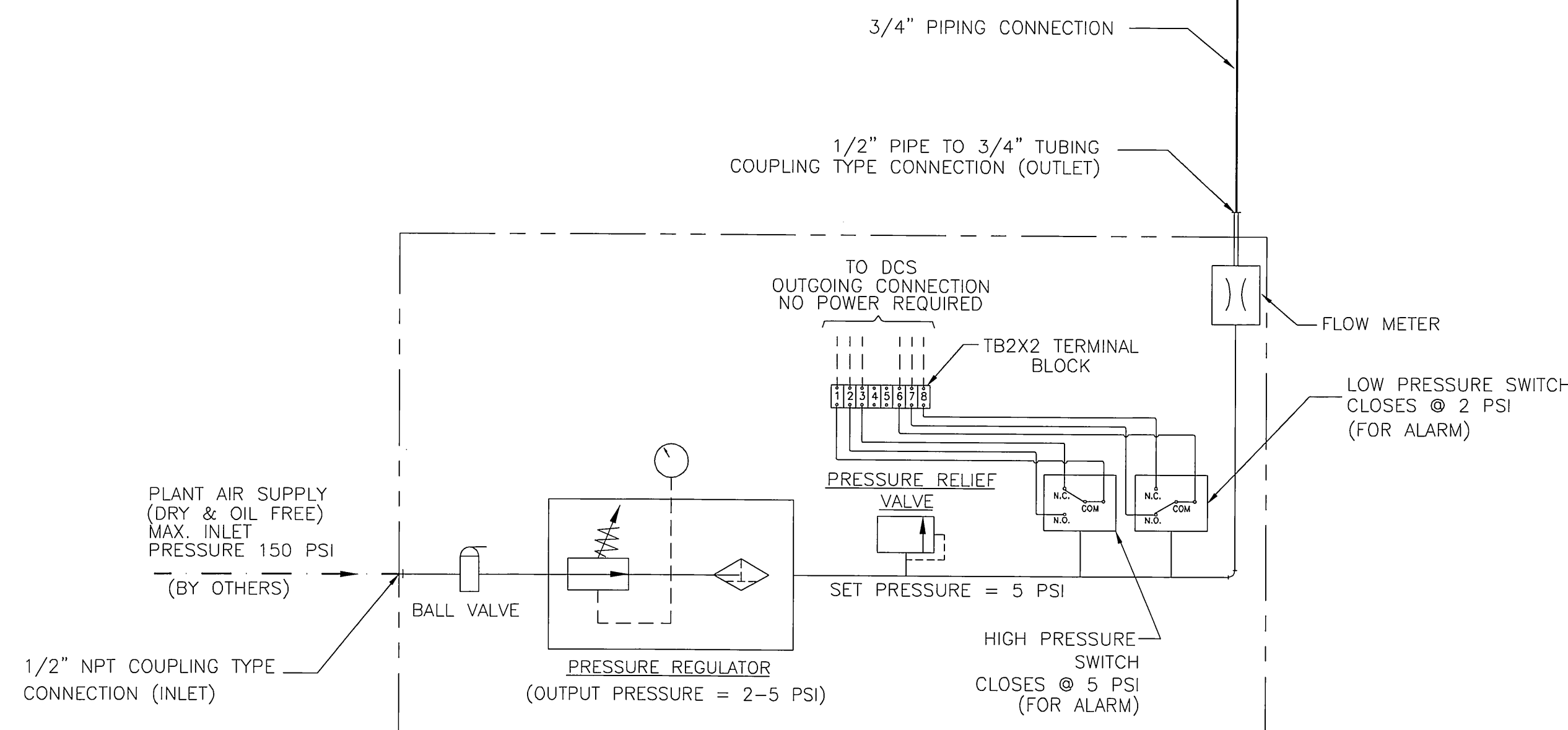
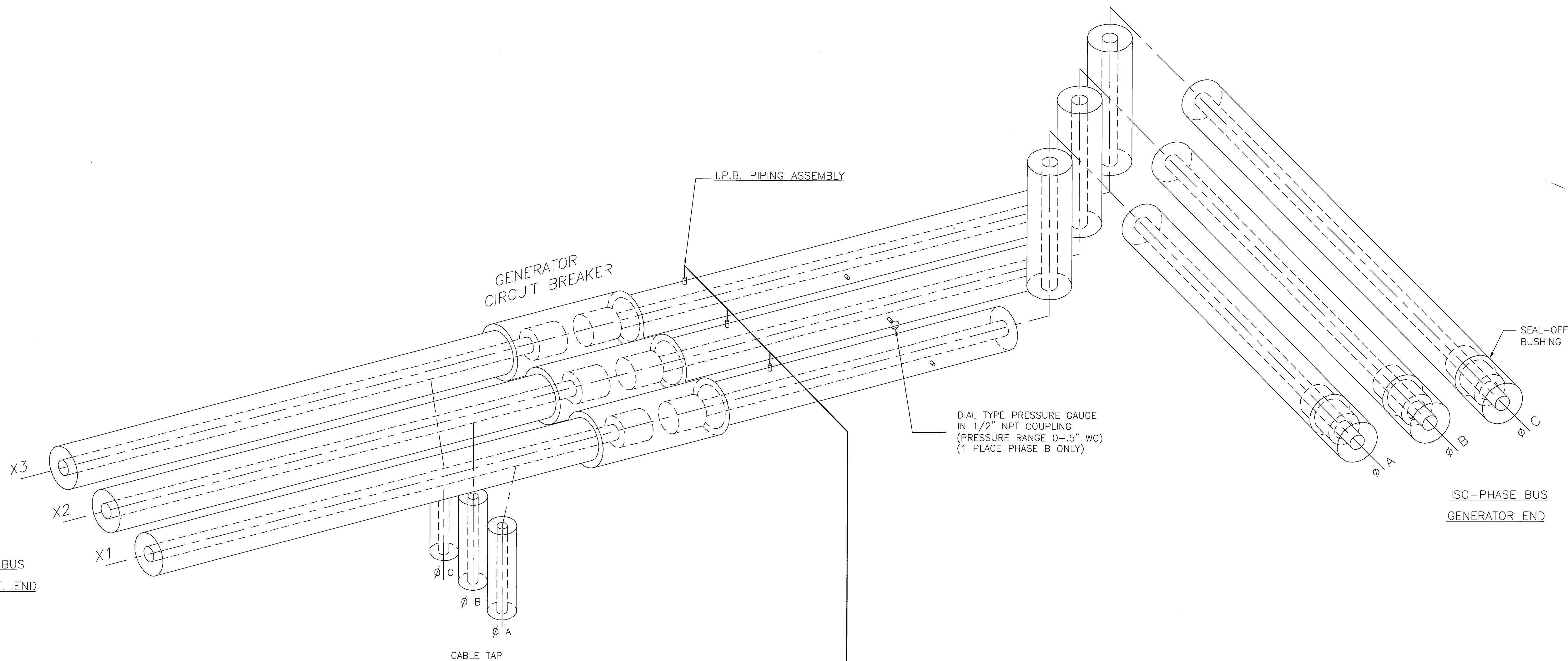
HOR. LOAD, $F_y = 2.0$ K

P.O. #52034-800010			
TIC/TREASURE COAST ENERGY-UNIT 1 FORT PIERCE, FLORIDA CTG UNIT 1			
F.M.F. J.O. #D-6422		DELTA-UNIBUS CORP. CHICAGO, ILLINOIS 60131	
THIS DRAWING IS THE PROPERTY OF THE DELTA UNIBUS CORPORATION, AND MAY NOT BE REPRODUCED IN ANY MANNER OR USED FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED BY THE DELTA UNIBUS CORPORATION.		ANCHOR BOLTS & CONNECTION LAYOUT OF ISO-PHASE BUS	
DWG. DATE 09-13-06	DWN. BY EGC	SIZE D	DWG. NO. U - 123054X45
CHK RG			REV. B
APPR. JMN		AutoCAD #: U-123054X45 SH3	
		SHEET 3 OF 3	

Review does not relieve contractor from responsibility for errors or deviations from contract requirements.

NO EXCEPTIONS NOTED
Release for manufacture

ISO-PHASE BUS
MAIN TRANSF. END



AIR PRESSURIZATION INSTRUMENT PANEL
DWG. NO. T-171123X71

NOTES:

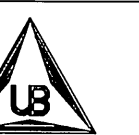
- FOR LIST OF MATERIAL (SHIPPING ITEMS IN) SEE DWG. NO. U-126827-M, SH. -
- INDICATES 1/2" O.D. TUBING BY OTHERS.
- _____ INDICATES 3/4" O.D. TUBING BY D.U.B.
- ALL PNEUMATIC CONNECTION POINTS ARE 1/2" OR 3/4" NPT COUPLING TYPE.
- ALL CONNECTION POINTS ARE TO BE PLUGGED WITH 1/2" NPT PLUGS FOR SHIPPING.
- FIELD TO CUT AND ASSEMBLY TUBING AS REQ'D

M012525-GTKE001 RP
TREASURE COAST
11/7/2006

NO EXCEPTIONS NOTED
Review design and release
contractor from responsibility
for errors or deviations
from contract requirements
UTILITY
ENGINEERING
Do not proceed
Reverse and resistant for authorization

TIC/TREASURE COAST ENERGY - UNIT 1
FORT PIERCE FLORIDA
UNIT CTG 1

DELTA-UNIBUS CORP.
CHICAGO, ILLINOIS 60131



ISO-PHASE BUS AIR
PRESSURIZATION SYSTEM

F.M.F.
J.O. #D-6422

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DWG. DATE 10-10-06 DWN. BY RD
CHK. RM

SIZE D DWG. NO. U - 126271X89 REV. -

APPR. JMN

AutoCAD # U-126271X89 SHEET 1 OF 1

SCALE: NONE

REV.	DATE	DESCRIPTION	DWN.	APPV'D.	RCD.

REVISION RECORD

(25)

A 3D diagram of a trapezoidal prism. The front face is a trapezoid with vertices labeled C (top-left), D (top-right), E (bottom-right), and F (bottom-left). The back face is a rectangle with vertices labeled B (bottom-left) and K (bottom-right). The top edge of the back face is labeled H. The prism is shown in perspective, with the front face slightly offset from the back face.

THE REINFORCING STEEL PLACING ARRANGEMENT SHOWN ON THIS DRAWING IS PROVIDED AS AN INTERPRETATION OF THE STRUCTURAL AND/OR ARCHITECTURAL DRAWINGS ONLY.

THIS DRAWING MUST BE USED IN CONJUNCTION WITH ALL THE LATEST PROJECT CONTRACT DOCUMENTS TO INSURE THE PROPER PLACING OF THE REINFORCING STEEL IN THE FIELD.

Quality Metal Fabricators, Inc.
2610 East 5th Ave Tampa, FL 33605
PH: (813) 831-7320 PH: (800) 881-9089 FAX: (813) 831-3436

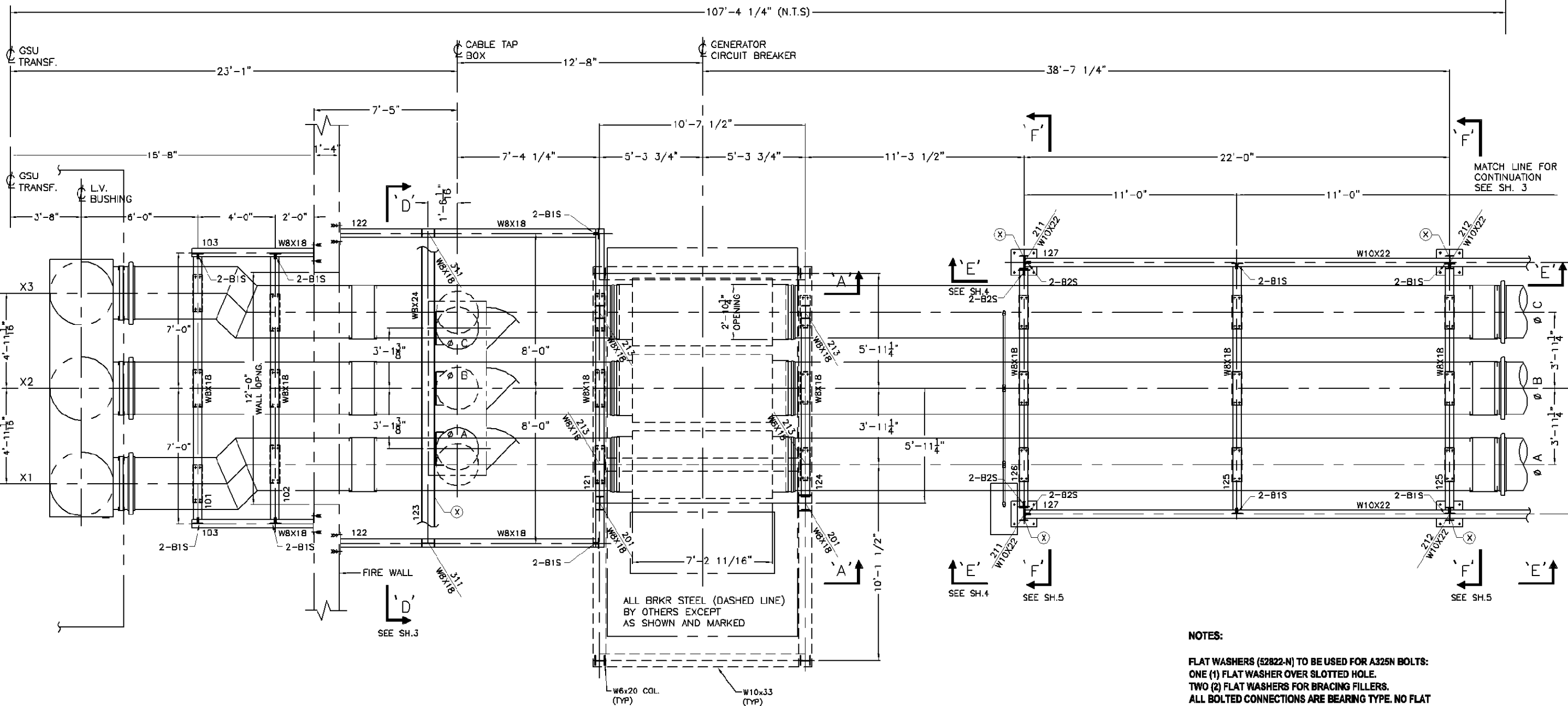
RECEIPT ACKNOWLEDGED	Review does not relieve contractor from responsibility for errors or deviations from contract requirements.
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Utility Engineering TREASURE COAST ENERGY CENTER, PB1 M012525-GTKS001 R2 KeithV 2/15/200

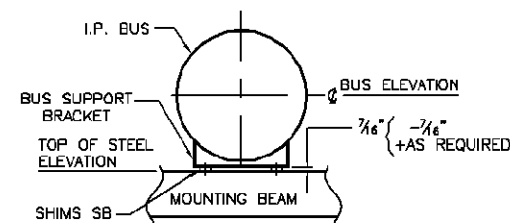


GENER.
3 15/16"

107'-4 1/4" (N.T.S.)



PLAN



DETAIL 1

NOTES:

FLAT WASHERS (52822-N) TO BE USED FOR A325N BOLTS:
ONE (1) FLAT WASHER OVER SLOTTED HOLE.
TWO (2) FLAT WASHERS FOR BRACING FILLERS.
ALL BOLTED CONNECTIONS ARE BEARING TYPE. NO FLAT WASHER IS REQUIRED.
TOP OF STEEL ELEVATIONS IS DESIGNED BASED ON USE OF 3/16" THK.
NOMINAL SHIMS AS PER DETAIL 1.
USE LESS OR MORE SHIMS AS REQUIRED FOR PROPER ALIGNMENT OF BUS.

P.O. #: 52034-800010

TIC/TRFASURF COAST ENERGY-UNIT 1
FORT PIERCE, FLORIDA
CTG UNIT 1

F.M.F.

J.O. #D-6422

DELTA-UNIBUS CORP.
CHICAGO, ILLINOIS 60131



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AS SPECIFICALLY AUTHORIZED BY
THE DELTA UNIBUS CORPORATION.

ERECTION DRAWING
OF
ISO-PHASE BUS SUPPORT

DATE 07-28-07

CHK. RG

SIZE D

U - 123063X71

APP. MN

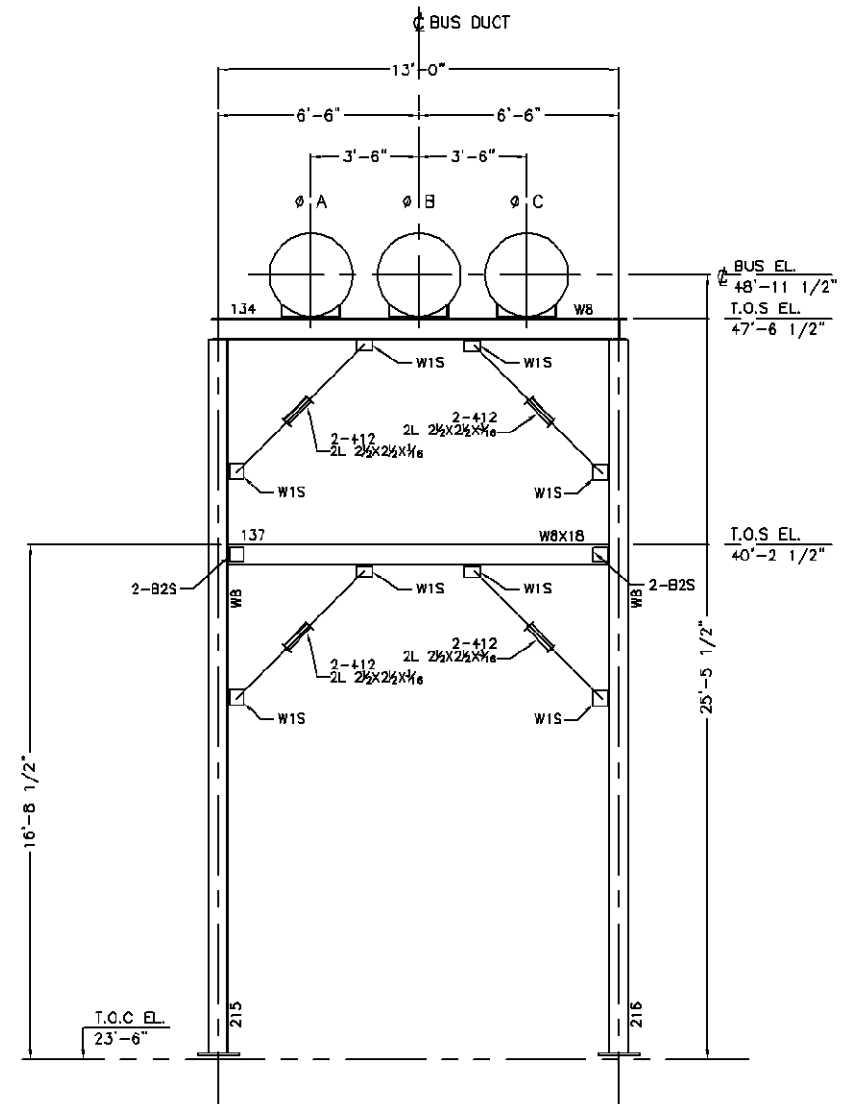
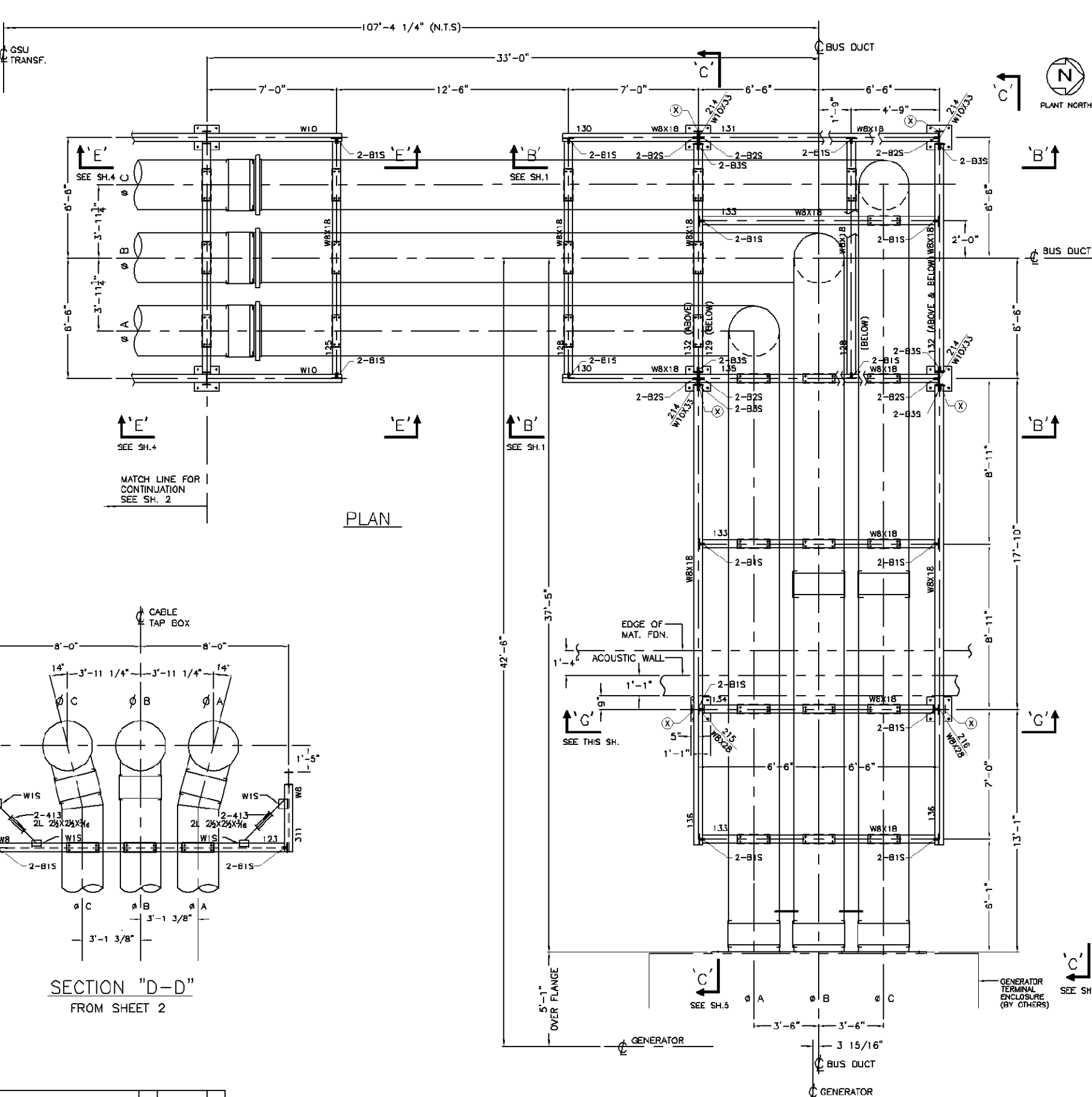
AutoCAD #: U-123063X71 SH2

SHEET 2 OF 5

SCALE .375 = 1'-0"

Review does not relieve contractor from
responsibility for errors or deviations from
contract requirements.

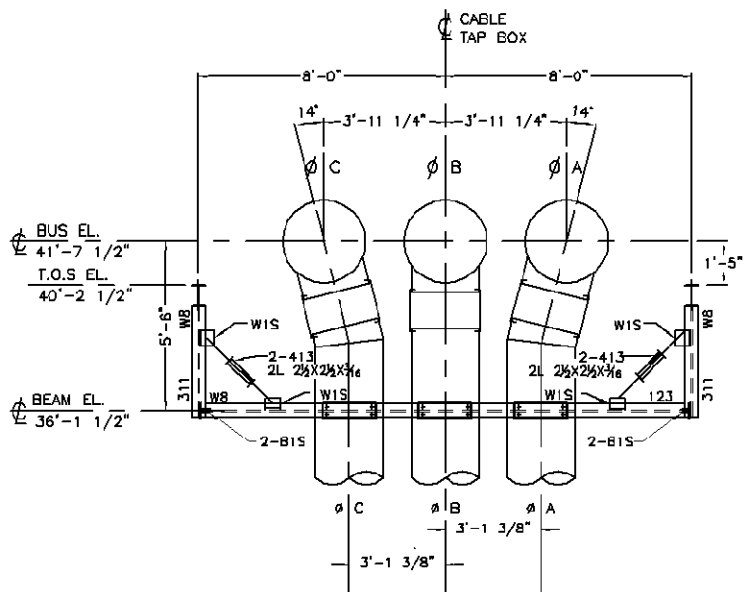
NO EXCEPTIONS NOTED
Release for manufacture



SECTION "G-G"
FROM THIS SHEET

NOTES:

- FLAT WASHERS (52822-N) TO BE USED FOR A325N BOLTS:
- ONE (1) FLAT WASHER OVER SLOTTED HOLE.
- TWO (2) FLAT WASHERS FOR BRACING FILLERS.
- ALL BOLTED CONNECTIONS ARE BEARING TYPE. NO FLAT WASHER IS REQUIRED.
- TOP OF STEEL ELEVATIONS IS DESIGNED BASED ON USE OF 1/4" THK. NOMINAL SHIMS AS PER DETAIL 1.
- USE LESS OR MORE SHIMS AS REQUIRED FOR PROPER ALIGNMENT OF BUS.



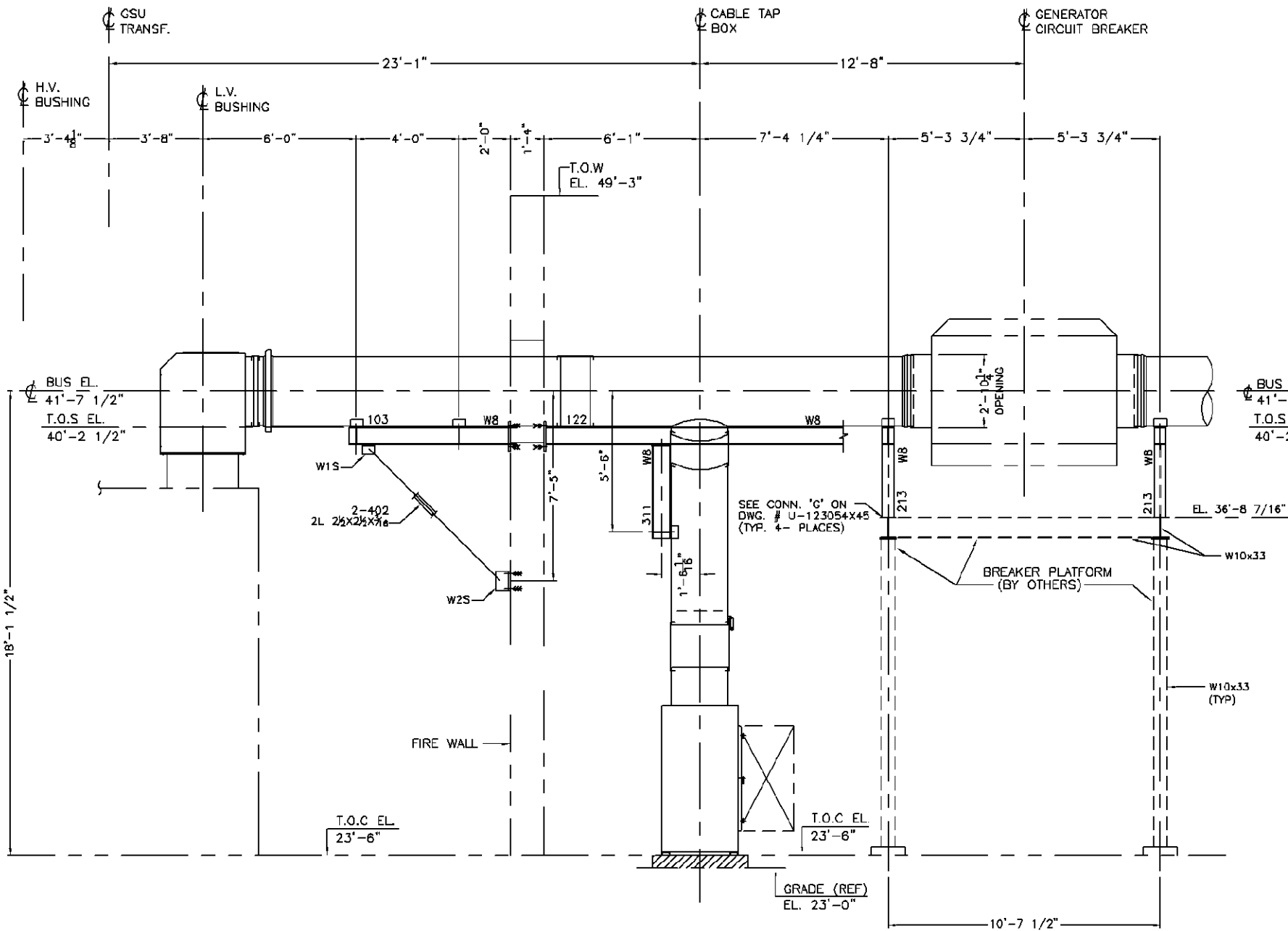
SECTION "D-D"
FROM SHEET 2

P.O. #: 52034-800010			
TIC/TREASURE COAST ENERGY-UNIT 1 FORT PIERCE, FLORIDA CTG UNIT 1			
J.O. #D-6422	DELTA-UNIBUS CORP. CHICAGO, ILLINOIS 60131		
THIS DRAWING IS THE PROPERTY OF THE DELTA UNIBUS CORPORATION, AND MAY NOT BE REPRODUCED IN ANY MANNER OR USED FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED BY THE DELTA UNIBUS CORPORATION.		ERECTOR DRAWING OF ISO-PHASE BUS SUPPORT	
DATE 07-28-07	DESIGN BY EBN	SIZE D	REV. U - 123063X71
CHK RG	APPD JMN	AutoCAD #: U-123063X71 SH3	SHEET 3 OF 5

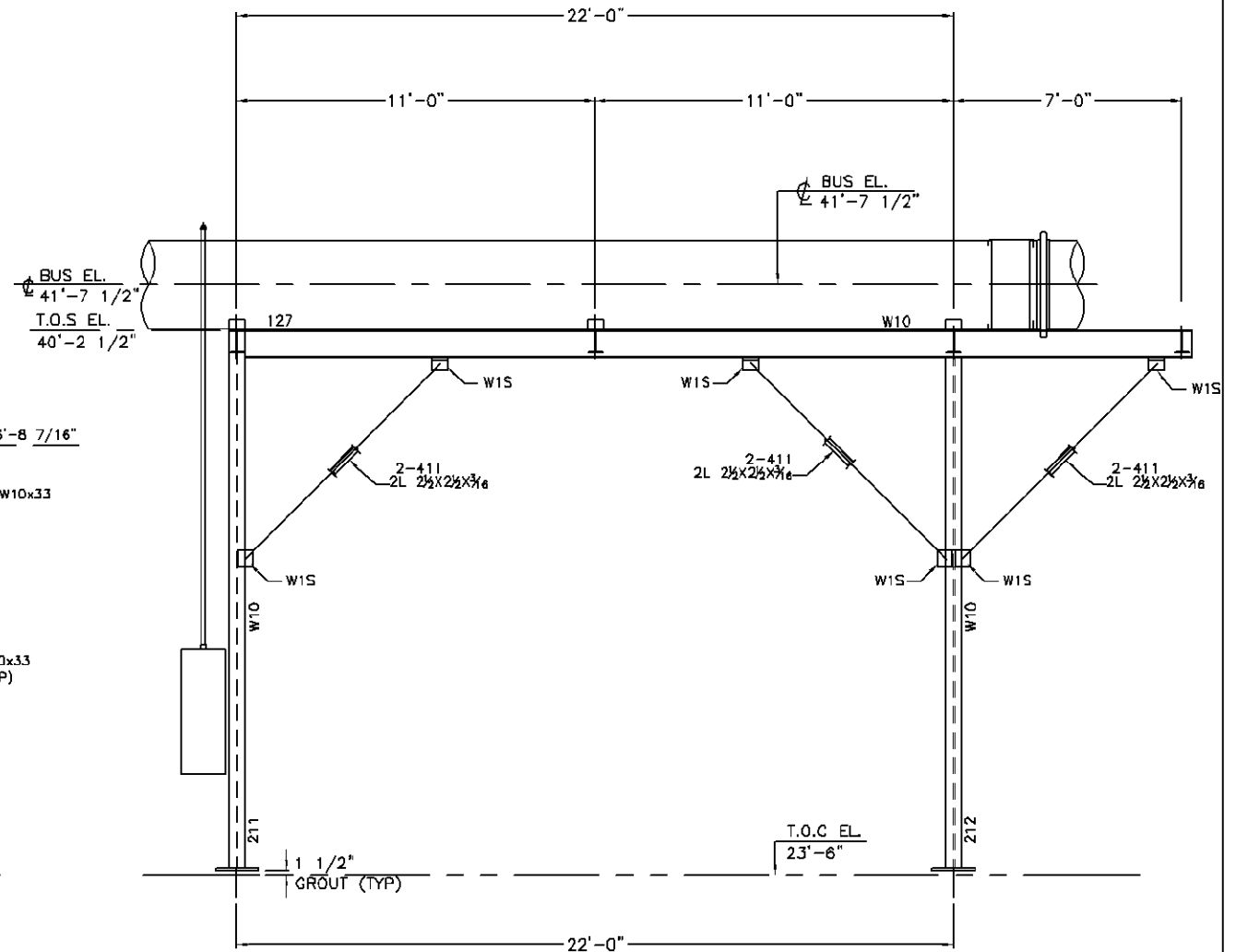
REV.	DATE	DESCRIPTION	CHK.	APP'D	REV.

Review does not relieve contractor from responsibility for errors or deviations from contract requirements.

NO EXCEPTIONS NOTED
Release for manufacture



SECTION "A-A"
FROM SHEET 2



SECTION "E-E"
FROM SHEET 2 & 3

NOTES:

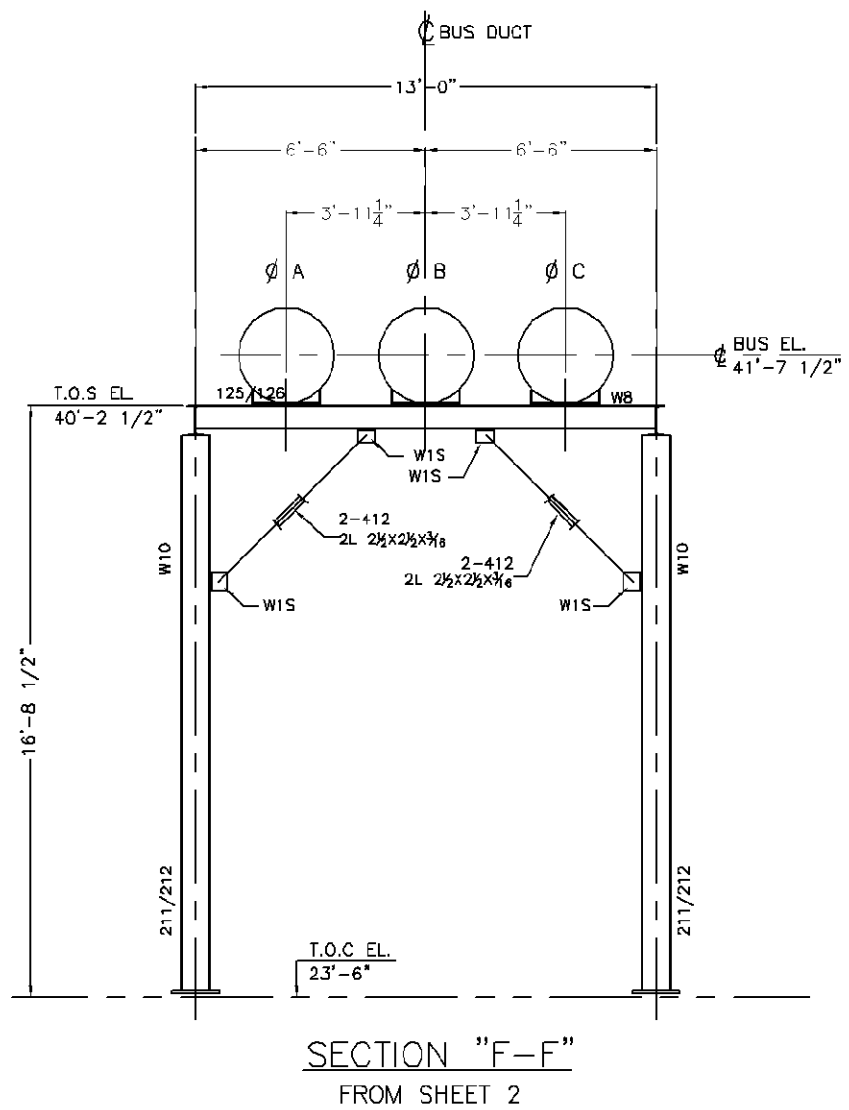
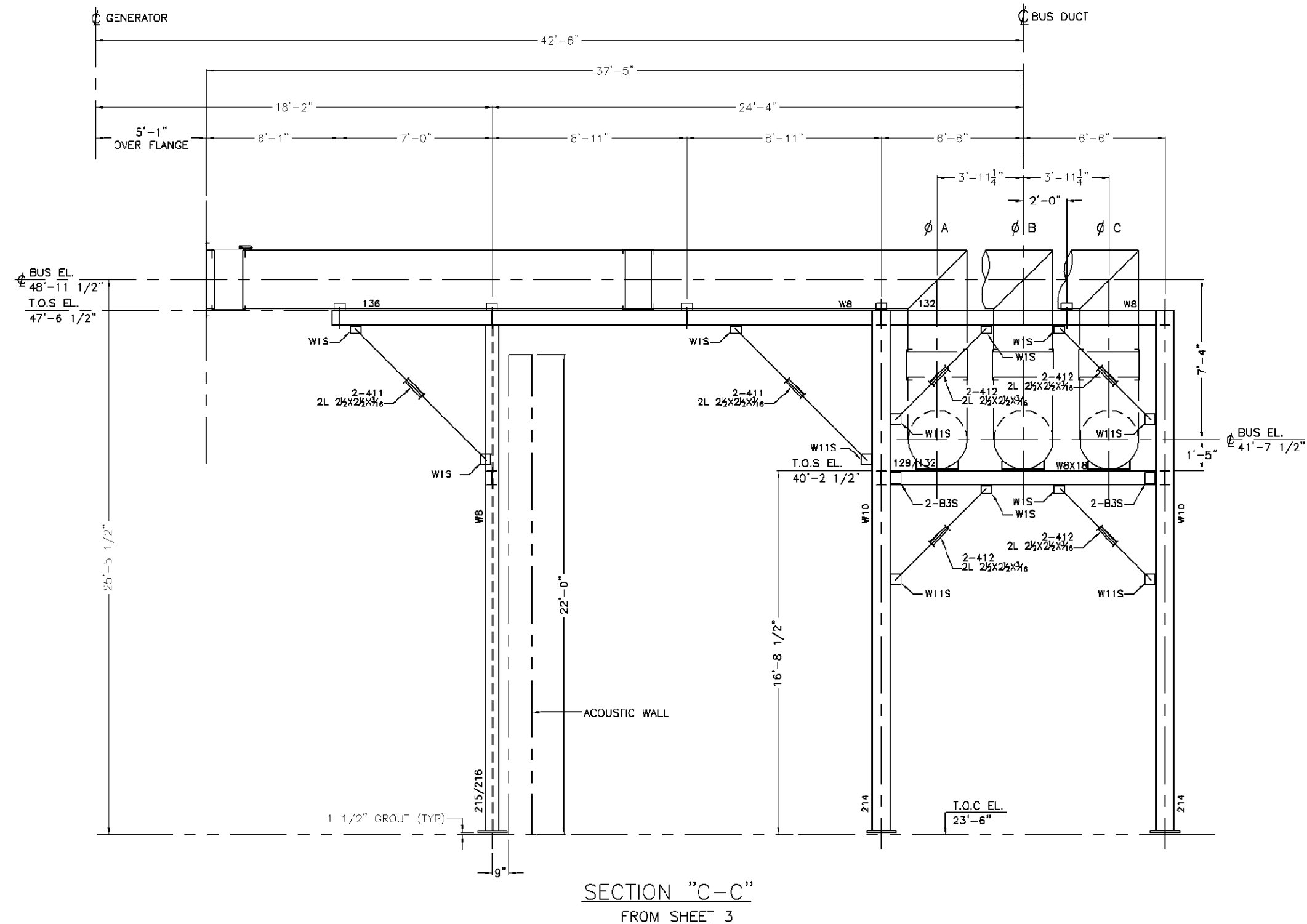
FLAT WASHERS (52822-N) TO BE USED FOR A325N BOLTS:
ONE (1) FLAT WASHER OVER SLOTTED HOLE.
TWO (2) FLAT WASHERS FOR BRACING FILLERS.
ALL BOLTED CONNECTIONS ARE BEARING TYPE. NO FLAT WASHER IS REQUIRED.
TOP OF STEEL ELEVATIONS IS DESIGNED BASED ON USE OF 3/16" THK. NOMINAL SHIMS AS PER DETAIL 1.
USE LESS OR MORE SHIMS AS REQUIRED FOR PROPER ALIGNMENT OF BUS.

SCALE: .375 = 1'-0"

P.O. #: 52034-800010			
TIC/TREASURE COAST ENERGY-UNIT 1 FORT PIERCE, FLORIDA CTG UNIT 1			
J.O. #D-6422	DELTA-UNIBUS CORP. CHICAGO, ILLINOIS 60131		
THIS DRAWING IS THE PROPERTY OF THE DELTA UNIBUS CORPORATION, AND MAY NOT BE REPRODUCED IN ANY MANNER OR USED FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED BY THE DELTA UNIBUS CORPORATION.		ERECTION DRAWING OF ISO-PHASE BUS SUPPORT	
DATE: 07-28-07	DRW. BY: EBH	SIZE: D	DRG. NO.: U - 123063X71
CHK: RG	APPX: MN	AutoCAD #: U-123063X71 SH4	SHEET 4 OF 5

Review does not relieve contractor from responsibility for errors or deviations from contract requirements.

NO EXCEPTIONS NOTED
Release for manufacture



NOTES:

FLAT WASHERS (52022-N) TO BE USED FOR A325N BOLTS:
ONE (1) FLAT WASHER OVER SLOTTED HOLE.
TWO (2) FLAT WASHERS FOR BRACING FILLERS.
ALL BOLTED CONNECTIONS ARE BEARING TYPE. NO FLAT WASHER IS REQUIRED.
TOP OF STEEL ELEVATIONS IS DESIGNED BASED ON USE OF 3/8" THK. NOMINAL SHIMS AS PER DETAIL 1.
USE LESS OR MORE SHIMS AS REQUIRED FOR PROPER ALIGNMENT OF BUS.

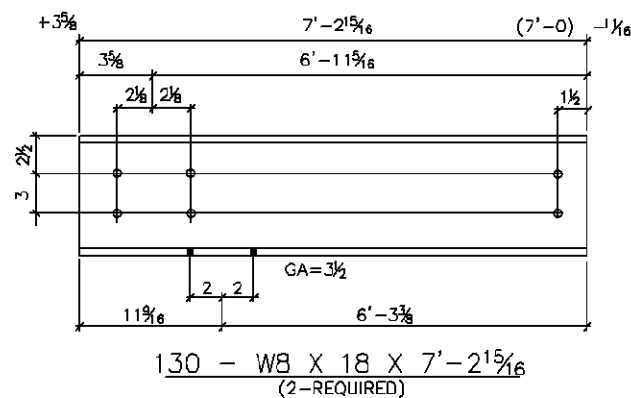
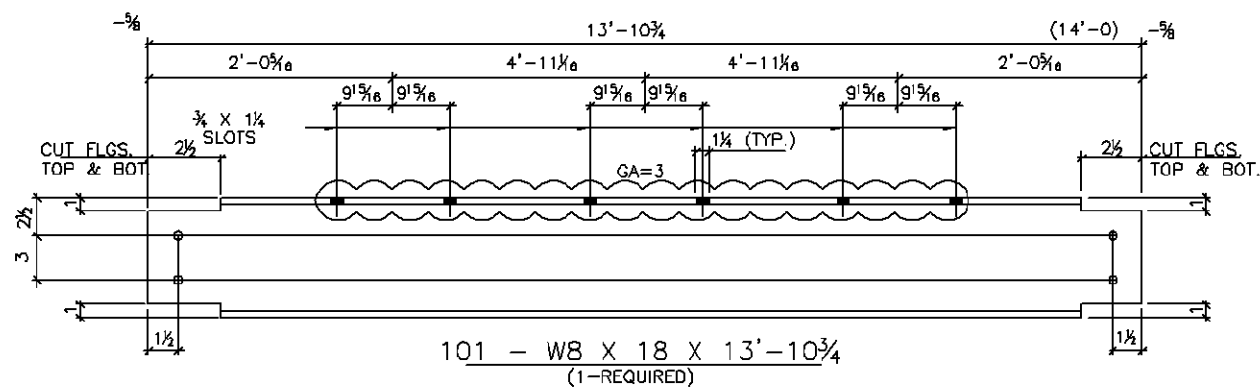
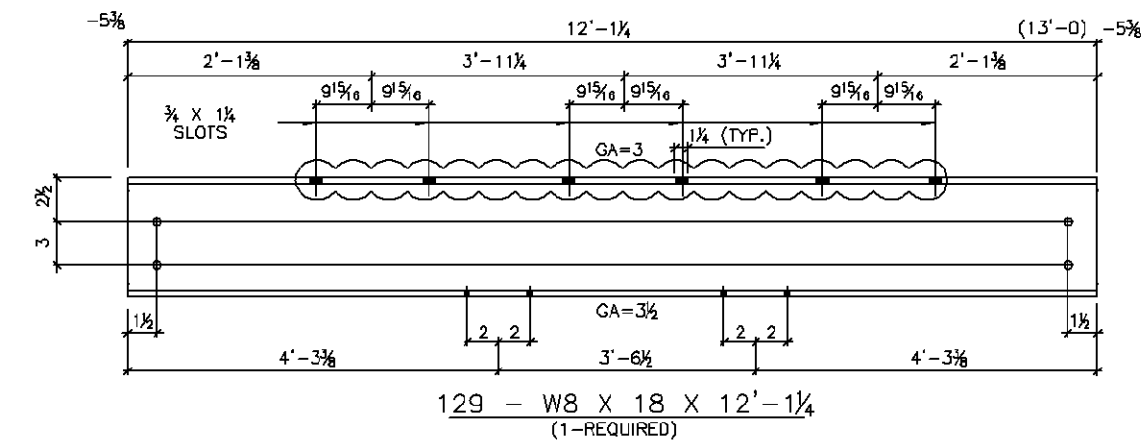
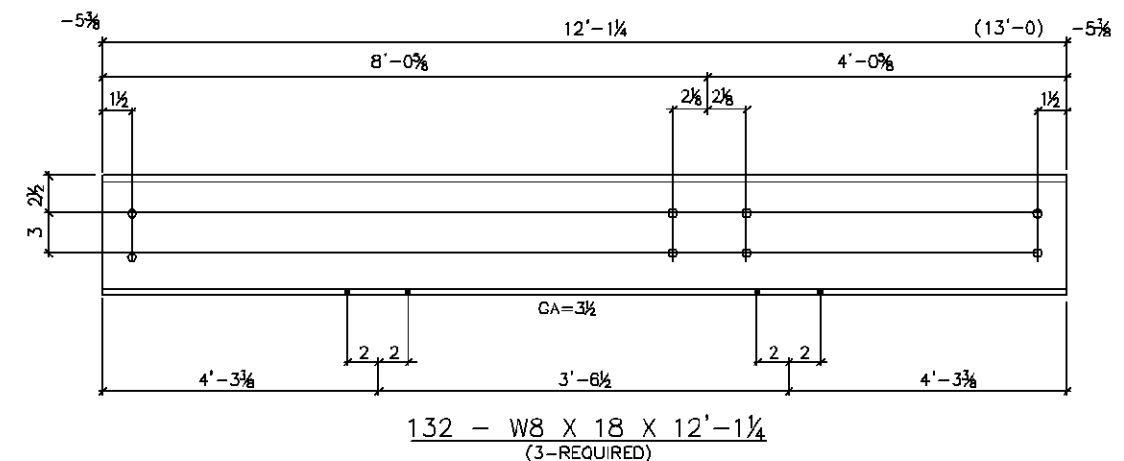
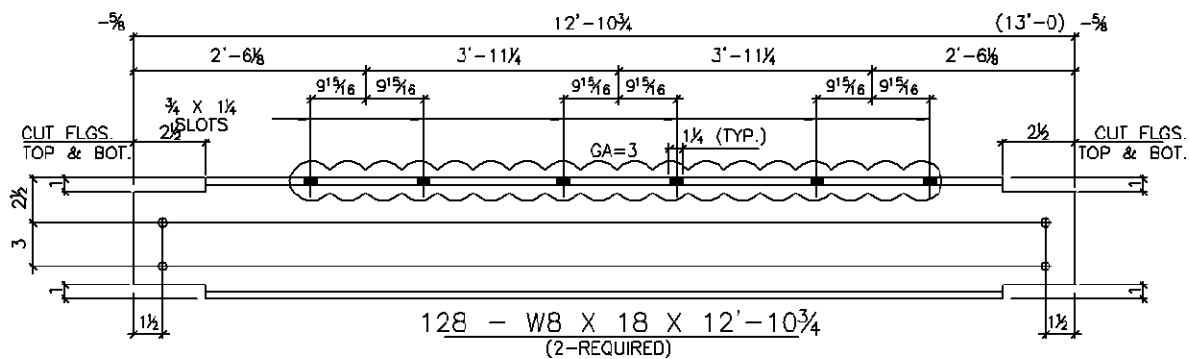
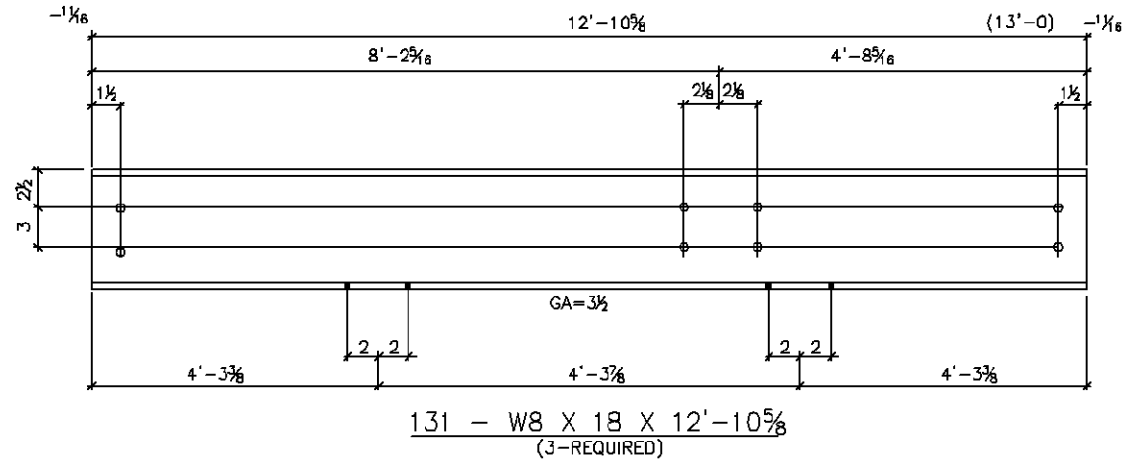
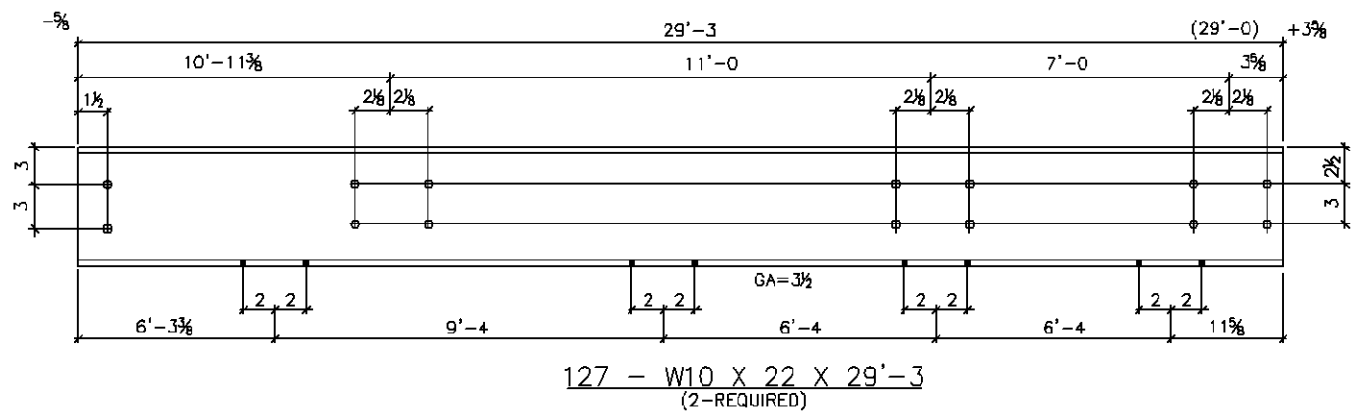
REV.	DATE	DESCRIPTION	DWN.	APP'D.	RC'D.

SCALE .375 = 1'-0"

P.O. #52034-800010					
TIC/TRASURF COAST ENERGY-UNIT 1 FORT PIERCE, FLORIDA CTG UNIT 1					
J.O. #D-6422		DELTA-UNIBUS CORP. CHICAGO, ILLINOIS 60131			
THIS DRAWING IS THE PROPERTY OF THE DELTA UNIBUS CORPORATION, AND MAY NOT BE REPRODUCED IN ANY MANNER OR USED FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED BY THE DELTA UNIBUS CORPORATION.		ERECTION DRAWING OF ISO-PHASE BUS SUPPORT			
DATE 07-28-07	DRN. BY EBH	SIZE D	DWG. NO. U - 123063X71	REV.	
CHK RG	APP'D MM	AutoCAD #: U-123063X71 SH5			
		SHEET 5 of 5			

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NO EXCEPTIONS NOTED
Release for manufacture



NOTES:

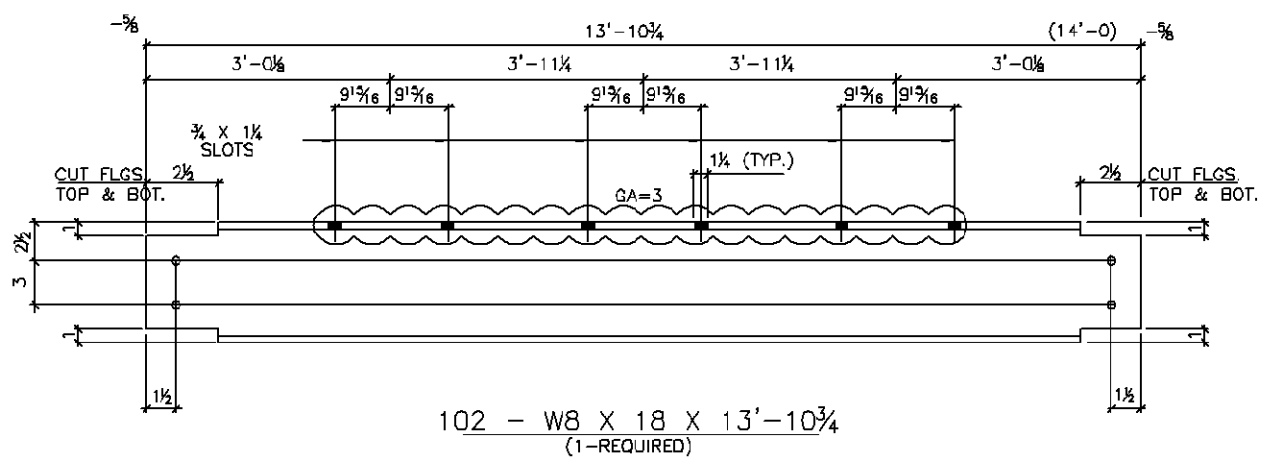
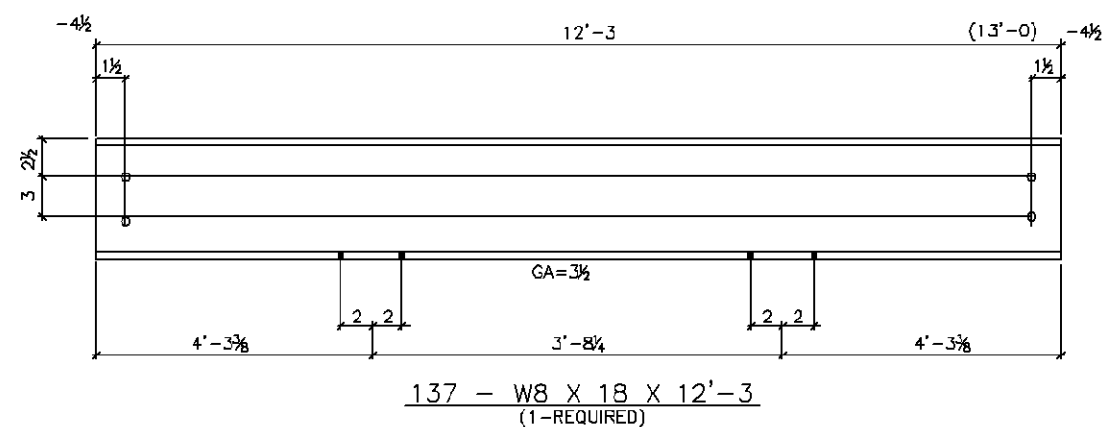
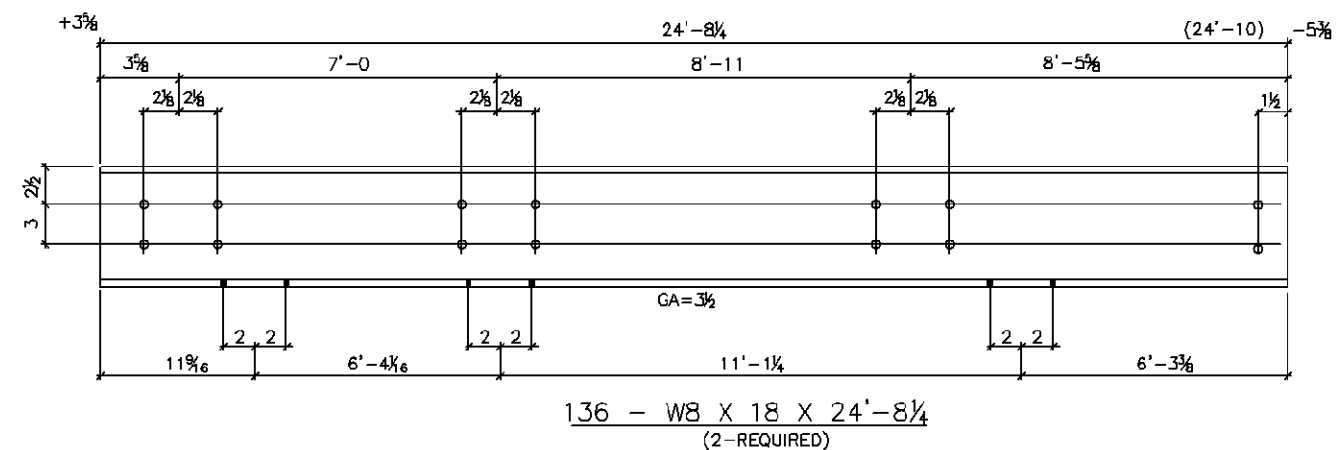
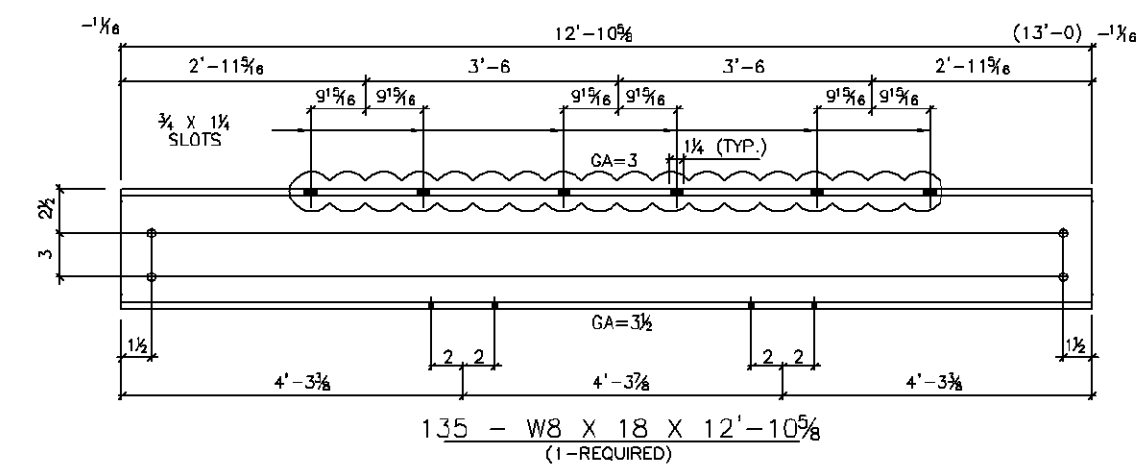
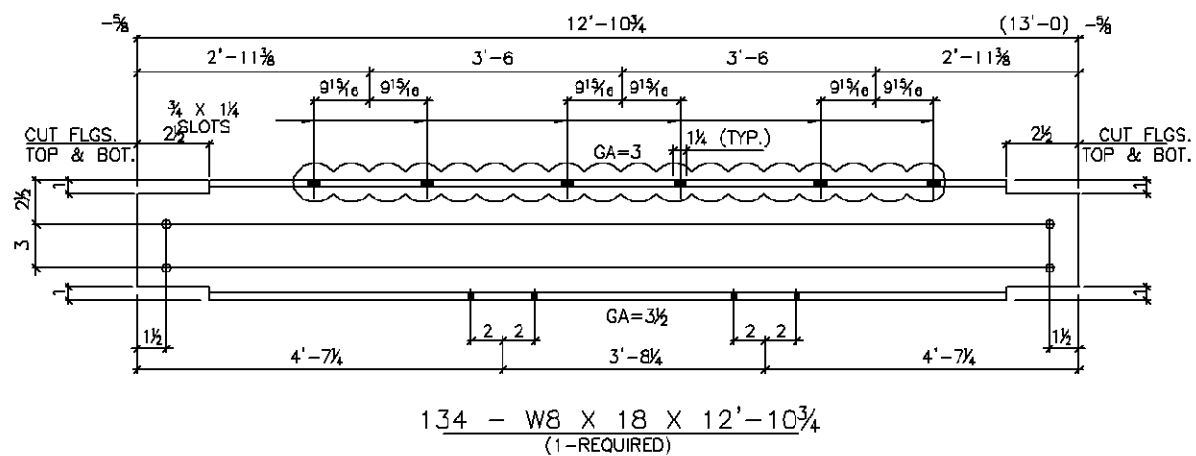
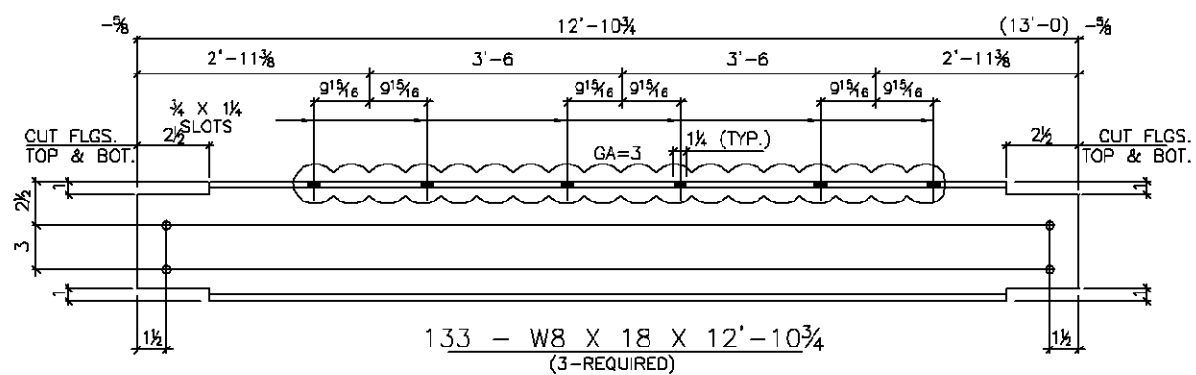
- HOLES: 1 1/8 Ø, UNLESS NOTED
STEEL: a) FOR W SHAPE ONLY USE ASTM A992 GALVANIZED PER ASTM A123
b) FOR ALL OTHER SHAPES, USE ASTM A36, GALVANIZED PER ASTM A123

P.O. #: 52034-800010			
TIC/TREASURE COAST ENERGY-UNIT 1 FORT PIERCE, FLORIDA CTG UNIT 1			
J.O. #D-6422	DELTA-UNIBUS CORP. CHICAGO, ILLINOIS 60131		
THIS DRAWING IS THE PROPERTY OF THE DELTA UNIBUS CORPORATION, AND MAY NOT BE REPRODUCED IN ANY MANNER OR USED FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED BY THE DELTA UNIBUS CORPORATION.		STEEL DETAILS OF ISO-PHASE BUS SUPPORT	
DATE 07-28-07	DRW. BY GBB	SIZE D	REV. U - 123063X71A
CHK. RG	APPV. MN	AutoCAD # U-123063X71A SH2	SHEET 2 OF 5

SCALE: N.T.S.

Review does not relieve contractor from responsibility for errors or deviations from contract requirements.

NO EXCEPTIONS NOTED
Release for manufacture



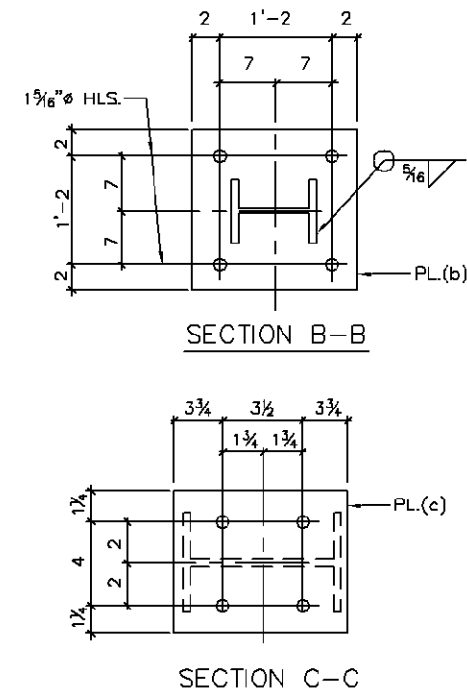
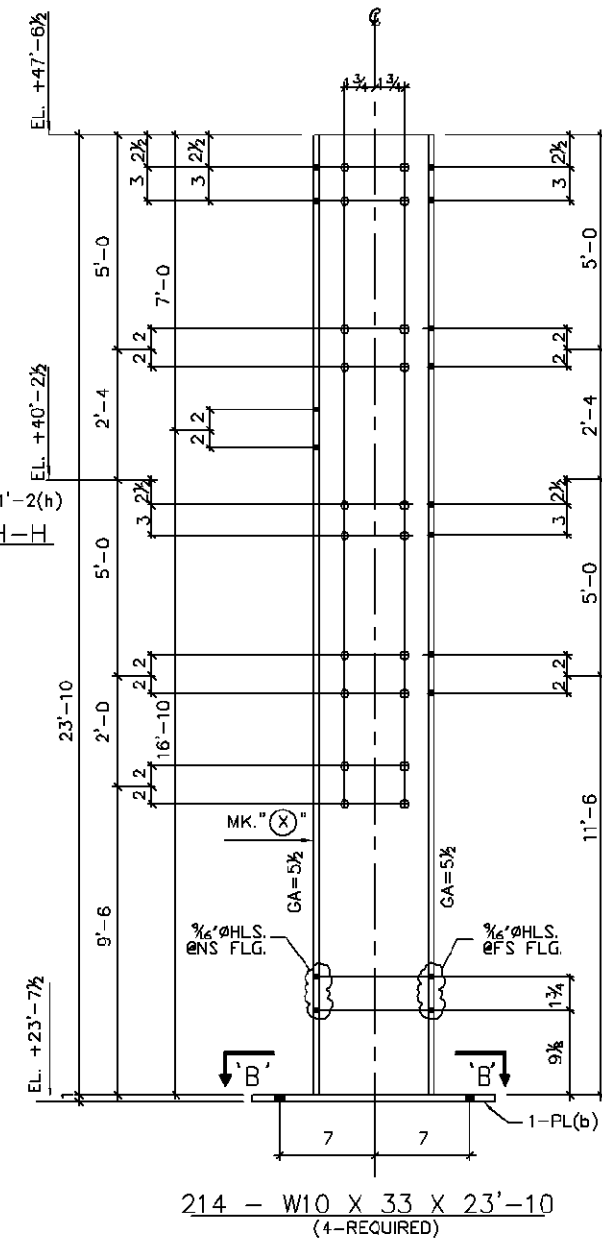
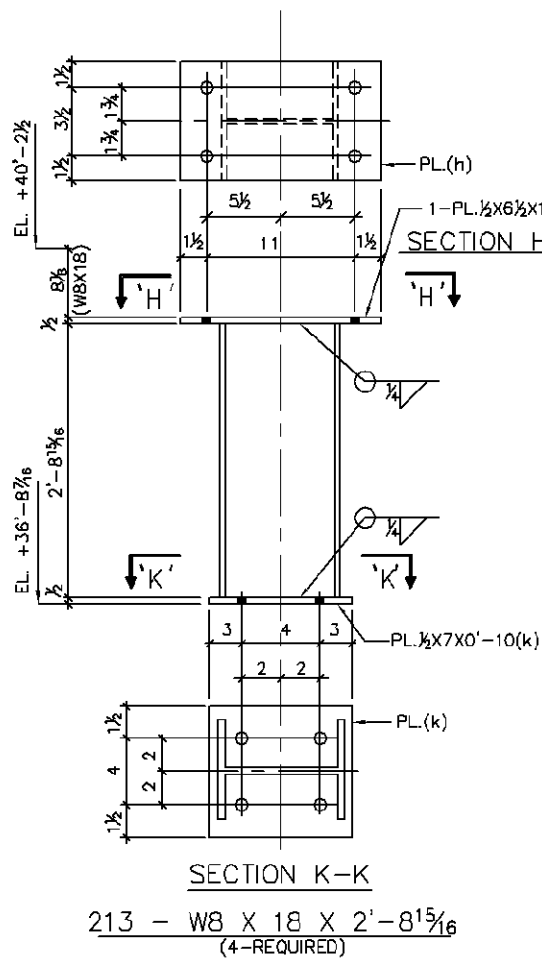
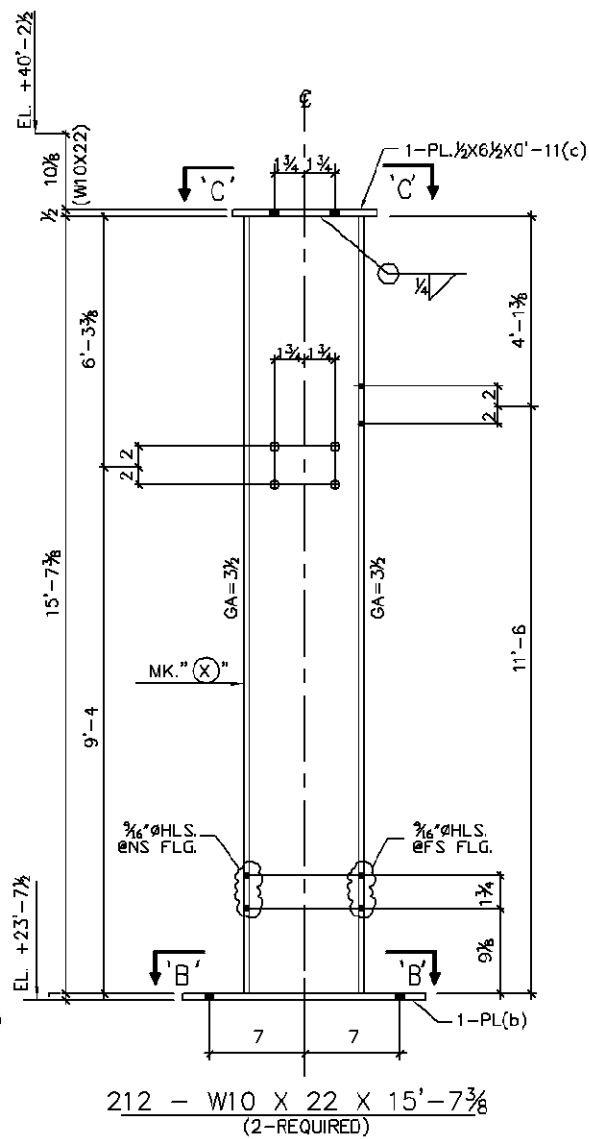
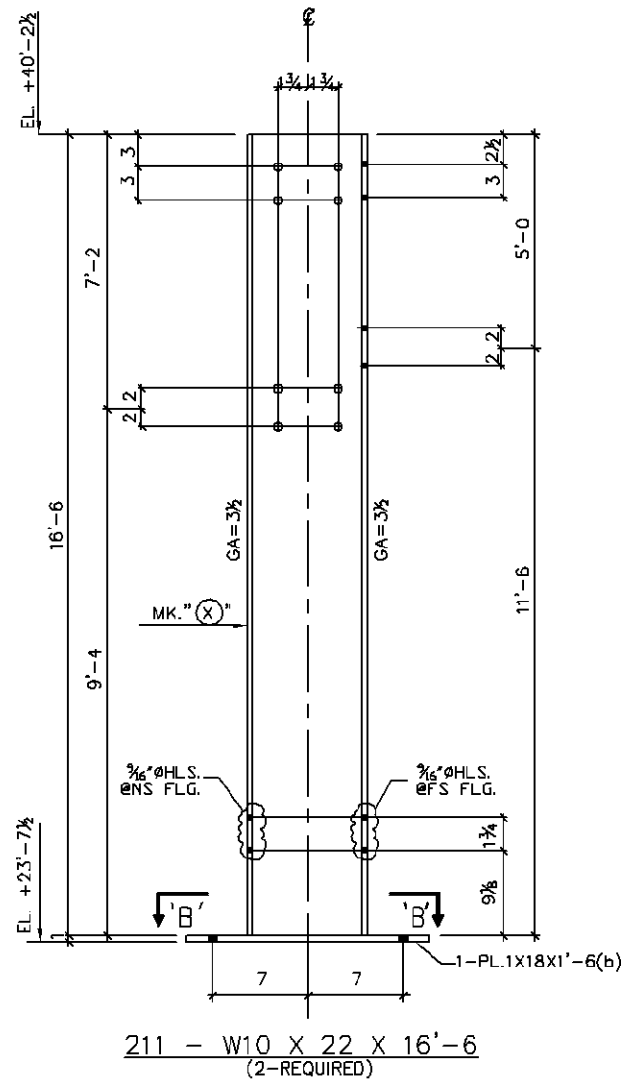
NOTES:

- HOLES: 1 1/8 Ø, UNLESS NOTED
STEEL: a) FOR W SHAPE ONLY USE ASTM A992 GALVANIZED PER ASTM A123
b) FOR ALL OTHER SHAPES, USE ASTM A36, GALVANIZED PER ASTM A123

P.O. #: 52034-800010			
TIC/TREASURE COAST ENERGY-UNIT 1 FORT PIERCE, FLORIDA CTG UNIT 1			
DATE 07-28-07	DESIGNED BY GBB	SIZE D	REV.
CHK. RG	APPV. M/V	U - 123063X71A	
SCALE: N.T.S.		AutoCAD # U-123063X71A SHJ	SHEET 3 OF 5

Review does not relieve contractor from responsibility for errors or deviations from contract requirements.

NO EXCEPTIONS NOTED
Release for manufacture



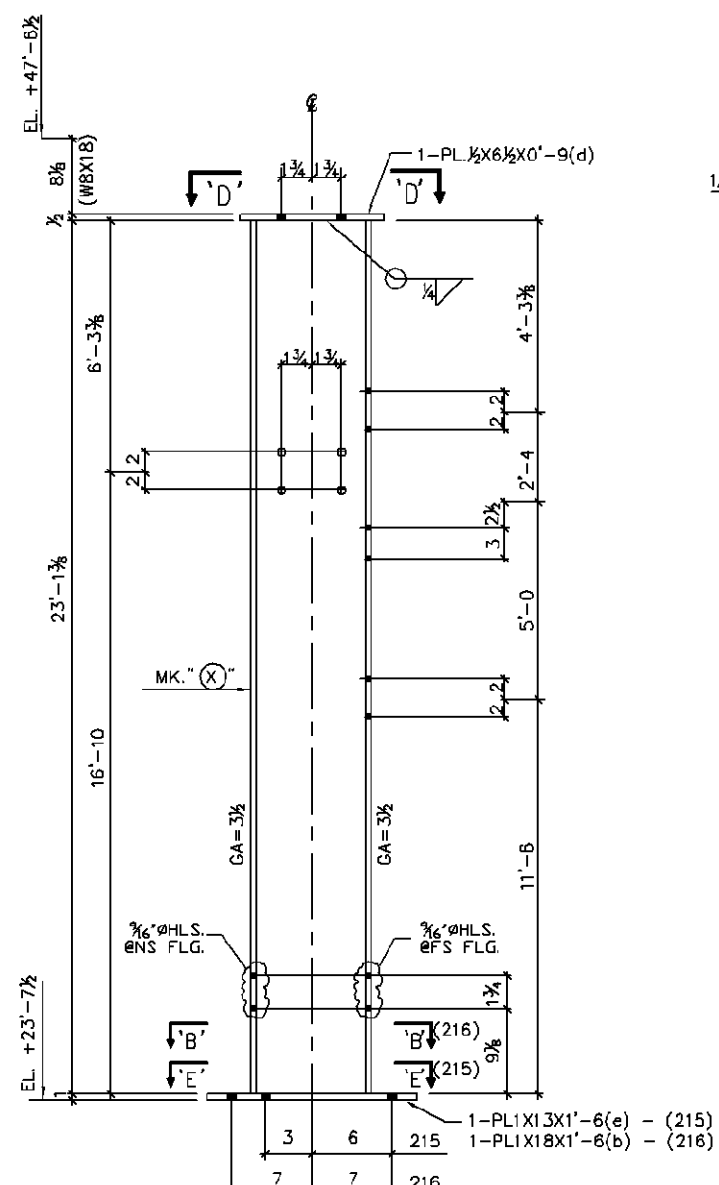
NOTES:

- HOLES: 1/16 inch Ø, UNLESS NOTED
 STEEL: a) FOR W SHAPE ONLY USE ASTM A992 GALVANIZED PER ASTM A123
 b) FOR ALL OTHER SHAPES, USE ASTM A36, GALVANIZED PER ASTM A123

P.O. #: 52034-800010			
TIC/TREASURE COAST ENERGY-UNIT 1 FORT PIERCE, FLORIDA CTG UNIT 1			
FILED J.O. #D-6422	DELTA-UNIBUS CORP. CHICAGO, ILLINOIS 60131		
THIS DRAWING IS THE PROPERTY OF THE DELTA UNIBUS CORPORATION, AND MAY NOT BE REPRODUCED IN ANY MANNER OR USED FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED BY THE DELTA UNIBUS CORPORATION.		STEEL DETAILS OF ISO-PHASE BUS SUPPORT	
DWG. DATE 07-28-07	DWG. BY GGB	SIZE D	DWG. NO. U - 123063X71A
CPL. RG		APPR. MIN	REV.
SCALE: N.T.S.		AutoCAD # U-123063X71A SH4	
		SHEET 4 OF 5	

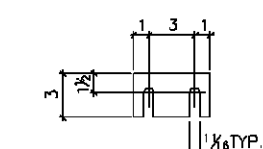
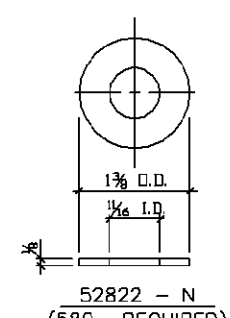
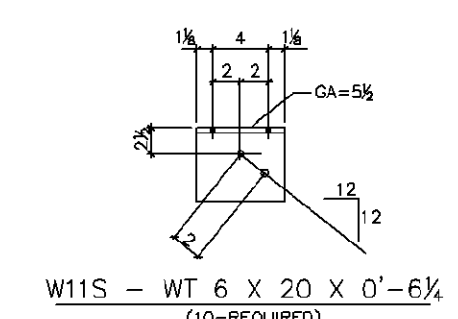
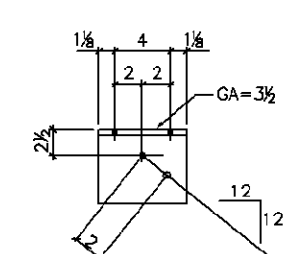
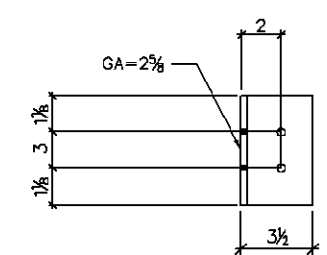
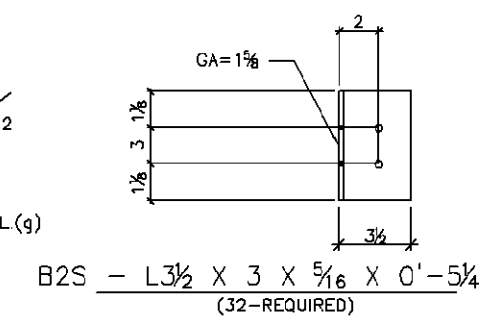
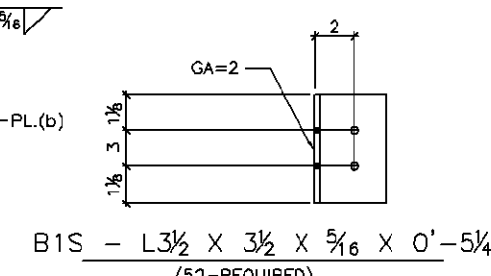
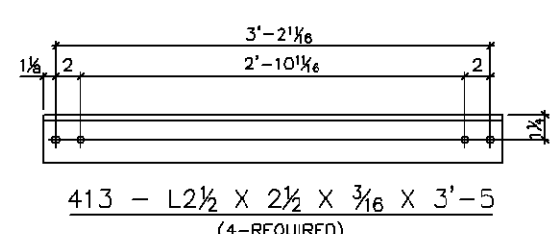
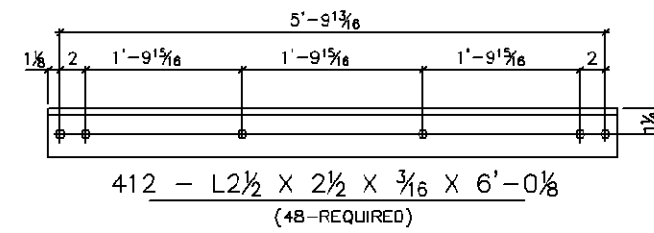
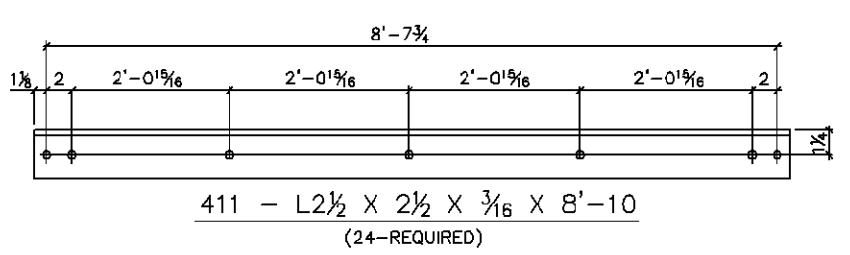
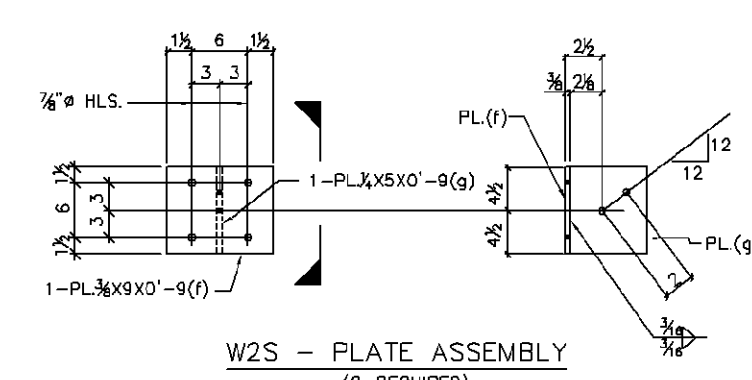
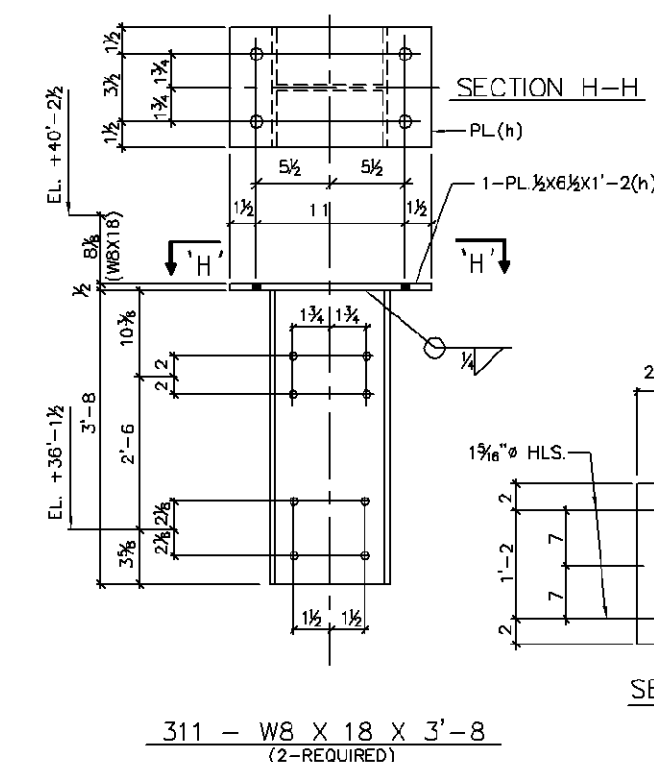
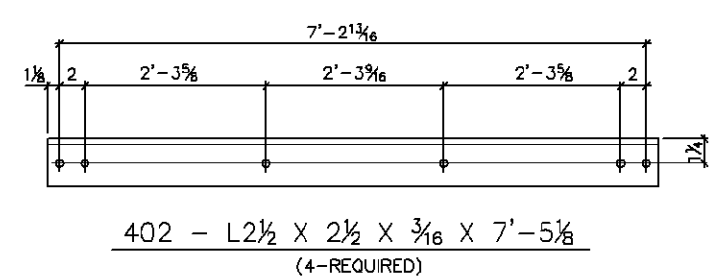
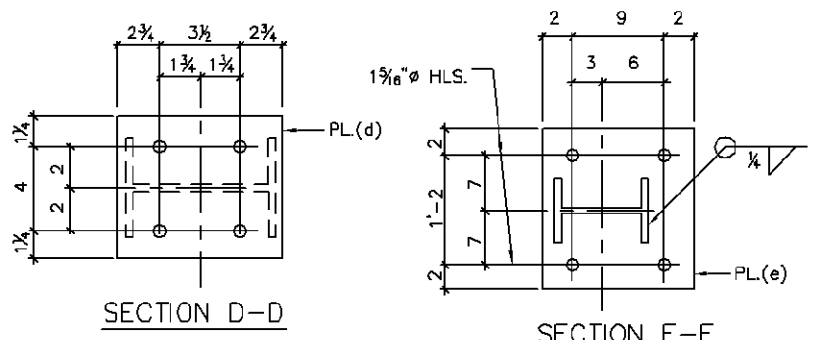
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NO EXCEPTIONS NOTED
Release for manufacture



215 - W8 X 28 X 23'-1 3/8
(1-REQUIRED)

216 - W8 X 28 X 23'-1 3/8
(1-REQUIRED)



(1) PL - 3/8 X 3 X 0'-5

(1) PL - 1/4 X 3 X 0'-5

(2) PL - 1/8 X 3 X 0'-5

(2) PL - 1/16 X 3 X 0'-5

NOTES:

HOLES: 1/8" Ø, UNLESS NOTED

STEEL: a) FOR W SHAPE ONLY USE ASTM A992 GALVANIZED PER ASTM A123

b) FOR ALL OTHER SHAPES, USE ASTM A36, GALVANIZED PER ASTM A123

REV.	DATE	DESCRIPTION	DRN.	APP'D.	REV.

P.O. #: 52034-800010					
TIC/TREASURE COAST ENERGY-UNIT 1 FORT PIERCE, FLORIDA CTG UNIT 1					
J.O. #D-6422		DELTA-UNIBUS CORP. CHICAGO, ILLINOIS 60131			
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DWG. DATE: 07-28-07	DRN. BY: GBE	SIZE: D	DWG. NO.: U - 123063X71A	REV.	
CHK: RG	APP'D: JMN	AutoCAD # U-123063X71A SH5	SHEET 5	OF 5	

SCALE: N.T.S.

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NO EXCEPTIONS NOTED
Release for manufacture

APPENDIX B

SAMPLE AGREEMENT

FLORIDA MUNICIPAL POWER AGENCY
TERMS AND CONDITIONS FOR THE PURCHASE OF GOODS AND SERVICES
(Form PO-101AR Rev 3.)

Notice: FMPA's purchase of goods and services from the Supplier is expressly conditioned on Supplier's assent to these Form PO-101AR terms and conditions (the "*Terms and Conditions*") which are binding on the Supplier. Any acceptance of FMPA's offer to purchase goods and services is expressly limited to acceptance of these Terms and Conditions, and FMPA expressly objects to any additional or different terms and conditions offered by the Supplier. Any order for goods and services fulfilled by the Supplier or the performance of work by Supplier shall constitute the Supplier's assent to these Terms and Conditions. These Terms and Conditions, however, do not apply to FMPA's purchase of engineering and other professional services; such purchase of engineering and other professional services shall be governed by terms and conditions separately set forth and agreed to between FMPA and the Supplier. This notice is a material part of these Terms and Conditions.

1. **Definitions.** As used in these Terms and Conditions, the terms below have the following definitions:

"**FMPA**" means the Florida Municipal Power Agency, a governmental separate legal entity created and existing under Florida Law.

"**Good(s)**" means the materials, supplies, items, and equipment covered by the purchase order and any pre-existing master agreement between FMPA and the Supplier.

"**Goods and Services**" means the Supplier's provisions of Good(s) or Services, or both, individually or together, and the Supplier's performance of the totality of its obligations as set forth in the Purchase Order.

"**Purchase Order**" means purchase order or agreement between FMPA and Supplier for the provision of Goods and Services and includes all exhibits, specifications, attachments, and these Terms and Conditions which are hereby deemed by the parties to be a material and essential part of the Purchase Order.

"**Supplier**" means a vendor, seller, supplier, materialman, outfitter, contractor, or other provider designated in the Purchase Order and includes the Supplier's employees, subcontractors, independent contractors and all other persons performing any type of work, directly or indirectly under the Supplier's direction or control, in contribution to the provision of the Goods and Services subject to the Purchase Order.

"**Services**" means the work to be performed or the services to be provided by the Supplier, or both, as described in the Purchase Order, including any technical description or proposal submitted to or issued by FMPA and related to the Purchase Order.

2. **Applicability.** The Supplier hereby agrees to sell and provide the Good(s) and perform the Services described in the Purchase Order in accordance with these Terms and Conditions and the requirements of the Purchase Order, including any specified scope of work or technical specification included in the Purchase Order.

3. **Acceptance.** The Supplier shall accept the Purchase Order in writing. If Supplier fails to accept the Purchase Order in writing, the Purchase Order and these Terms and Conditions are nonetheless applicable and binding upon the Supplier if the Supplier engages in any conduct which recognizes the existence of a contract pertaining to the subject matter hereof, including, without limitation, the shipment of Goods or commencing the performance of Services, which is deemed by the Supplier to constitute its acceptance of the Purchase Order. Any terms proposed in Supplier's acceptance of FMPA's offer that add to, vary from, or conflict with the Purchase Order and these Terms and Conditions is hereby objected to by FMPA and shall not apply. To the extent that the Purchase order might be treated as an acceptance of Supplier's prior offer, and if any of the terms of the Purchase Order are additional to or different from any terms of such offer, then the issuance of the Purchase Order by FMPA shall constitute an acceptance of such offer subject to the express condition that Supplier assent to these additional and different Terms and Conditions, which in all cases of conflict are controlling, and Supplier shall be deemed to have so assented. Any other preprinted terms and conditions affixed to any Goods or forms provided by the Supplier are hereby acknowledged and agreed to be void and of no effect.

4. **Entire Agreement.** (a) The Purchase Order sets forth the complete and final agreement between the parties with respect to the subject matter hereof, and supersedes any and all prior or contemporaneous oral or written communications relating thereto.

(b) Only if the Purchase Order is used as a release for Goods or Services under a pre-existing master agreement, then

these Terms and Conditions are deemed to supplement the provisions of such master agreement to the extent they are not inconsistent and such master agreement is hereby deemed to be appended to and form a part of the Purchase Order. In the event of any inconsistency between the terms of any pre-existing Master agreement, and these Terms and Conditions and those additionally set forth in the Purchase Order, the following order of precedence is hereby agreed: (1) the terms of the master agreement, (2) the terms on the face of the Purchase Order, and (3) these Terms and Conditions.

(c) Any reference to a proposal, quotation, or other communication given by the Supplier, unless expressly provided for in the Purchase Order to the contrary, is limited only to the description of the Goods or Services and by the terms set forth or incorporated by reference in the Purchase Order.

5. **Prices.** (a) The price(s) set forth in the Purchase Order are firm, and are not subject to increase.

(b) The Supplier represents that the price(s) charged for the Goods and Services covered by the Purchase Order are the lowest prices charged by the Supplier to buyers of a class similar to FMPA under conditions similar to those specified in the Purchase Order and the price(s) comply with the applicable government regulations in effect at the time of quotation, sale, or delivery. The Supplier agrees that any price reduction made in the Goods or Services covered by the Purchase Order within the 12 months subsequent to the placement of the Purchase Order will be applicable to the Purchase Order and FMPA. In such case, the Supplier shall issue a payment to FMPA to credit to FMPA the reduction in price from the price that FMPA has paid. If FMPA has not completed payment for the Goods and Services, the Supplier shall issue to FMPA a credit against future amounts owed under the Purchase Order.

(c) FMPA may require the Supplier to provide a performance and payment bond as an option. The bonds must be priced separately.

6. **Taxes.** FMPA is tax-exempt for most purchases. FMPA's Florida Consumer's Certificate of Exemption Number is 85-8012559814C-2. A copy of this Certificate is available upon request. However, should any federal, state, or local taxes be imposed upon or on account of such sale, the prices for the Goods and Services are hereby deemed to include all such amounts, unless otherwise expressly set forth in the Purchase Order.

7. **Invoices.** (a) All invoices shall be submitted to FMPA in duplicate and shall contain the following information: (1) Purchase Order number; (2) Purchase Order line item number, as applicable; (3) Purchase Order part number, as applicable; (4) part serial number (if serialized); (5) brief description of the Goods and Services that are the subject of the invoice; (6) unit of measure; (7) unit price; (8) item quantity; (9) extended item price; (10) total invoice value; (11) Supplier's contact information and remit-to address; (12) invoice number; (13) date prepared; and (14) payment due date. Each invoice must also be accompanied by the Supplier's waiver, in a form reasonably acceptable to FMPA, of all liens and lien rights associated with amounts set forth in the invoice, conditioned only upon FMPA's payment of such invoice, as required to keep all Good(s) free from liens and claims of lien arising out of the provisions of the Goods and Services.

(b) FMPA may invoice or set off against amounts owed to the Supplier under the Purchase Order, in its discretion, any amounts FMPA determines are owed to FMPA by the Supplier pursuant to the Purchase Order, including these Terms and Conditions.

8. **Payment.** (a) Unless otherwise expressly set forth in the Purchase Order, FMPA shall pay 100% of the uncontested Purchase Order price upon the completion of the provision of all Goods and Services within 30 days after receipt of the Supplier's invoice following the delivery and FMPA's acceptance of the Goods and Services. Payment of an invoice does not constitute acceptance of the Goods and Services and shall be subject to adjustment for errors, shortages, defects in the Goods and Services, damage to FMPA for which Supplier is partially or wholly responsible, or other failure of Supplier to meet the requirements of the Purchase Order, including any of these Terms and Conditions.

(b) If applicable, in addition to Supplier's hourly rate, FMPA shall reimburse Supplier for certain reasonable business related expenses supported by original receipt, which may include reasonable travel expenses, business mileage (paid at no more than the IRS approved rate), postage, copying, and other similar business related expenses. All requests for reimbursement of expenses will be subject to audit and approval by FMPA.

9. **Delivery and Performance.** (a) Time is of the essence, and the Goods must be received or Services performed on the date(s) and at the destination(s) set forth in the Purchase Order. If the Supplier fails to meet any such delivery or performance date, FMPA may, without limiting its other rights and remedies, direct expedited routing, charge excess costs incurred thereby to the Supplier, purchase substitute goods or services elsewhere and charge Supplier for any additional expense incurred, or cancel all or part of the Purchase Order, without further liability of FMPA.

(b) Any Services required to be performed under the Purchase Order will be performed with the skill and care which would be exercised by comparable highly qualified persons performing similar Services and exercising all diligence to perform the Services in a first class manner. If the failure to meet these standards results in deficiencies in the Services, the Supplier shall re- perform such non-conforming Services necessary to correct such deficiencies at no extra cost to FMPA. Such re-performance by the Supplier shall be done in a manner and on a schedule that is established by FMPA.

(c) If applicable, the Supplier shall provide to FMPA upon delivery of Goods all material safety datasheets and other materials reasonably required by FMPA, including without limitations, factory test reports, inspections and certifications documentation, instructions and procedures for operation and maintenance, technical specifications, shipping documentation, and other similar or FMPA-designated materials.

10. Freight; Title and Risk of Loss. (a) Unless otherwise specifically provided for, Supplier shall be responsible for all freight and delivery costs, including unloading costs, to the destination specified in the Purchase Order. All freight and delivery charges will be paid by Supplier. Notwithstanding anything else herein, Supplier shall bear all risks of loss and damage to the Goods until final acceptance by FMPA at the destination specified in the Purchase Order. Further, Supplier shall bear the same risks with respect to any Goods rejected by FMPA or as to which FMPA has revoked its acceptance, from the time of such rejection or revocation.

(b) Risk of loss, title, and ownership of the Goods and Services shall pass to FMPA upon FMPA's acceptance of the Goods and Services meeting the quantity, quality, and other requirements set forth in the Purchase Order, except that nothing prohibits FMPA from revoking such acceptance is subsequently FMPA determines any of the Goods and Services, despite the initial acceptance thereof, did not meet all requirements of the Purchase Order.

11. Inspection and Acceptance. (a) Notwithstanding any prior inspections or payments hereunder, all Goods and Services shall be subject to final inspection, which may include measurement, testing and examination, at FMPA's facility within a reasonable time (but not less than 90 days) after receipt at destination. Any inspection by FMPA does not relieve the Supplier of any obligations or liabilities under the Purchase Order.

(b) If FMPA determines that any Goods and Services delivered or performed do not meet all of the requirements of the Purchase order, FMPA shall have the right to reject such Goods and Services and return such rejected Goods to Supplier at Supplier's expense. FMPA may elect to reject the entire Goods and Services tendered even if only a portion thereof is nonconforming. If FMPA elects to accept nonconforming Goods or Services, FMPA, in addition to its other remedies, shall be entitled to an appropriate reduction in price, as reasonably determined by FMPA based upon the total Purchase Order price. Payment for any Goods or Services shall not be deemed an acceptance thereof. All Goods that fail to meet the requirements of the Purchase Order are subject to Supplier's payment of any "in and out" costs incurred by FMPA due to such failure.

(c) Acceptance of any part or portion of the Goods and Services subject to the Purchase Order does not bind FMPA to accept any future shipments nor deprive FMPA of its right to return nonconforming Goods that were previously accepted.

(d) If Services under the Purchase Order are performed on FMPA property, the Services are deemed to not be complete until all rubbish, trash, debris, and unused material due to or connected with the performance of the Services is removed and the premises are left in a safe, neat, and reasonably clean condition.

12. Warranty. (a) Supplier warrants that all Goods and Services furnished under the Purchase Order are: (1) be free from known, apparent, latent and inherent defects in workmanship, material, manufacture, and design (where design is the Supplier's responsibility); (2) comply with the requirements of the Purchase Order in all respects and any samples and warranties furnished by the Supplier; (3) be merchantable and safe for use, and fit and sufficient for the use intended by FMPA; (4) be free and clear of any lien, security interest, or other adverse claim against title; and (5) not infringe, including without limitation their sale or use alone or in combination, any United States or foreign patents, trademarks, trade secrets, copyrights, or proprietary rights of any third party.

(b) The foregoing warranties are in addition to all other warranties, expressed or implied, and shall survive any delivery, inspection, acceptance, and payment by FMPA.

(c) Supplier's warranties shall be effective for the period of time either (1) as set forth in the Purchase Order expressly, or (2) two years from the date of FMPA's final acceptance, whichever is greater plus an additional two (2) years from any warranty repair with the total period not to exceed four (4) years from the date of FMPA's final acceptance.

(d) If any of the Goods and Services furnished under the Purchase Order do not meet the warranties described in these Terms and Conditions or otherwise, FMPA may, at its option: (1) require the Supplier to correct, at no cost to FMPA, any defective or nonconforming Goods and Services by repair or replacement; or (2) return such defective or nonconforming Goods at the Supplier's expense to the Supplier and recover from the Supplier the price for such defective or nonconforming Goods and FMPA's related costs to determine such defect or nonconformance, for FMPA's return shipping costs to the Supplier, and for FMPA's acquisition and installation of replacement Goods meeting FMPA's requirements; (3) correct the defective or nonconforming Goods and Services itself and charge the Supplier for all costs and expenses incurred by FMPA related to such correction; or (4) accept the defective or nonconforming Goods and Services at a reduced price, as reasonably determined by FMPA based upon the total Purchase Order price. In all cases, for Goods and Services that do not meet the warranties described in these Terms and Conditions or otherwise, the Supplier shall be responsible for the costs of removal and reinstallation. Also, since the Goods and Services may be part of and operating power plant – the timing of repairs will in all cases be at FMPA's convenience.

13. **Changes.** FMPA reserves the right at any time to change the requirements of the Purchase Order and these Terms and Conditions in writing, and if such change causes an increase or decrease in price or delivery of the Goods or Services, an equitable written adjustment shall be made. Any price changes must be agreed to in writing at least 60 days prior to becoming effective. Any such change, modification, change order, or constructive change must be reasonable for the completion of the Services.

14. **License.** To the extent that the Supplier or third parties retain ownership rights in materials delivered with the Goods, or upon which any work product is based, the Supplier hereby grants to FMPA an irrevocable, worldwide, non-exclusive, royalty-free right and license to make, have made, modify, use, distribute, publicly perform or display, sell, offer to sell, and import such materials. Supplier hereby warrants that it owns or has acquired rights in all such intellectual property necessary to grant the licenses and intellectual property rights set forth in this provision.

15. **Liens.** As a governmental legal entity subject to Florida law, FMPA's property (real and personal) is not subject to lien or other security interests. The Supplier hereby acknowledges the foregoing and covenants to not attempt to nor permit the attempt to impose or attach a lien on FMPA's property by the Supplier associated with the Goods and Services purchased by FMPA under the Purchase Order.

16. **Indemnity.** (a) The Supplier shall defend, indemnify, and hold FMPA and its members, officers, directors, employees, agents, successors, and assigns harmless from and against any and all claims, suits, actions, liabilities, losses, costs, reasonable attorneys' fees and costs, expenses, judgments or damages, whether ordinary, special, or consequential arising directly or indirectly from or in connection with (1) the acts, negligence, omissions, or willful misconduct of Supplier; (2) the Goods or Services supplied; (3) a breach of any of Supplier's warranties or any other term or condition of the Purchase Order, including these Terms and Conditions; (4) the Supplier's negligent, unauthorized, or wrongful acts or omissions with regard to the transportation, use, handling, disposal, processing, or installation of hazardous materials; (5) a claim that any of the Goods and Services furnished by the Supplier infringe upon or misappropriate any patent, copyright, trademark, trade secret, or other intellectual property interest of another; (6) a claim of any lien, security interest, or other encumbrance made by a third party that is related to the Purchase Order; and (7) Supplier's violation of federal or state law, regulation, rule, permit, statute, or ordinance.

(b) It is understood and agreed that each party has an affirmative duty to promptly notify the other party in writing of any claims, demands, or suits brought or made against such notifying party with respect to its performance pursuant to the Purchase Order. FMPA may permit the Supplier, in FMPA's discretion, to settle any claim or suite indemnified by the Supplier hereunder, with

the written approval of FMPA and agrees, to the extent permissible by law, that it may permit the complete control of such defense by the Supplier. Any settlement offer negotiated by the Supplier pursuant to this indemnity provision shall, prior to being submitted to an adverse third party, be (1) a *bona fide* offer of settlement that releases with prejudice all claims and liabilities against FMPA, its members, directors, officers, agents, representatives, consultants, independent contractors, and employees, arising out of the claim or suit for which indemnity is sought; (2) made in good faith by the Supplier; (3) discussed, reviewed, and approved in writing by FMPA; and (4) not include any terms or conditions which impose on FMPA, its members, directors, officers, agents, representatives, consultants, independent contractors, and employees any obligation, legal or otherwise, to perform or refrain from any act which would have a legal, financial, or operational impact to FMPA and which would not be reimbursed by the Supplier as part of the proposed settlement.

(c) To the extent permissible by law, and deemed appropriate in the sole discretion of FMPA, FMPA its members, directors, officers, agents, representatives, consultants, independent contractors, and employees shall cooperate fully with the Supplier and its legal representatives in the investigation and defense of any claims or suits covered by this indemnity provision.

17. **Insurance.** (a) If required by FMPA and expressly stated in the Purchase Order, Supplier shall carry and maintain insurance coverage satisfactory to FMPA to cover its obligations in the Purchase Order, including without limitation, the following insurance with the respective minimum limits per occurrence:

- (1) Commercial General Liability - \$1,000,000;
- (2) Workers' Compensation - statutory;
- (3) Business Automobile Liability - \$500,000;
- (4) Product Liability Coverage - as set forth in the Purchase Order, if any; and
- (5) Pollution Insurance and Builder's All Risk - as set forth in the Purchase Order, if any.

(b) Supplier shall provide FMPA with a certificate evidencing compliance with the above requirements of subsection (a) and naming FMPA and the other entities specified in the Purchase Order (which in any event shall include the owner or any FMPA joint- owner(s) of the facility for or at which the Supplier is providing the Goods and Services) as an additional insured, except on the worker's compensation policy. Supplier shall provide FMPA with no less than 10 days prior notice of cancellation of any such insurance. At no time shall Supplier be without insurance in the above amounts during any performance related to the Purchase Order, which is deemed to be a material default under these Terms and Conditions.

18. **Termination.** (a) FMPA may, at any time, terminate the Purchase Order, in whole or in part, without cause, upon written notice to the Supplier. Upon any such termination the Supplier shall, to the extent specified by FMPA, stop all work on the Purchase order, and cause its suppliers and subcontractors to stop work. The Supplier's charges for any such termination of the Purchase Order are limited to actual non-recoverable costs incurred by the Supplier that the Supplier can demonstrate were properly incurred prior to the date of termination. In no event shall FMPA be obligated to reimburse Supplier for Good(s), inventory, or Services in excess of those required to meet FMPA's delivery schedule for binding forecasts. In no event shall such reimbursement include anticipated profits or revenue or other economic loss for undelivered Good(s) or unperformed Services.

(b) FMPA may delay the Supplier's performance for any reason upon written notice to the Supplier. If FMPA delays performance for more than three months and either FMPA or the Supplier elects to terminate the Purchase Order because of such delay, the Supplier's sole remedy shall be reimbursement for actual non-recoverable costs incurred by the Supplier that the Supplier can demonstrate were properly incurred prior to the date of termination. In no event will FMPA reimburse Supplier for Good(s), inventory, or Services in excess of those required to meet FMPA's delivery schedule for binding forecasts. In no event shall such reimbursement include anticipated profits or revenue or other economic loss for undelivered Good(s) or unperformed Services.

(c) FMPA may terminate this PO, in whole or in part, if Supplier: (1) is in material default of the Purchase Order; (2) fails to make delivery of the Good(s) or perform the Services within the time specified in the Purchase Order; (3) fails to replace or correct defective Goods and Services in accordance with the provisions of the Purchase Order, including these Terms and Conditions; (4) fails to perform any other provision of the Purchase Order or so fails to make progress as to endanger performance in accordance with its terms; or (5) becomes insolvent, files or has filed against it a petition in bankruptcy, or makes an assignment for the benefit of creditors. In the event of cancellation pursuant to this clause, FMPA may procure similar Goods or Services elsewhere by purchase order or otherwise and the Supplier shall be liable to FMPA for all of its excess costs.

(d) Any such termination shall not relieve the Supplier from any liability under the Purchase Order.

19. **Limitation of FMPA's Liability.** In no event shall FMPA be liable for special, incidental, or consequential damages or lost profits of the Supplier. Any action resulting from any breach on the part of FMPA as to the Good(s) delivered or Services performed under the Purchase Order must be commenced within one (1) year after such breach.

20. **Remedies.** FMPA's remedies are cumulative, and remedies herein specified do not exclude any remedies allowed by law or in equity. Waiver of any breach shall not constitute waiver of any other breach of the same or any other provision.

21. **Compliance with Laws.** Supplier warrants that all Goods and Services will be produced or performed in compliance with all applicable federal, state, and local laws, rules, and regulations, including without limitation:

- (1) the Environmental Protection Agency Toxic Substances Control Act's reporting regulation and any and all pre-manufacturing reporting required with regard to the Good(s), or any of the Good(s)' constituent ingredients, covered by the Purchase Order;

- (2) applicable state hazardous materials regulations in shipping the Good(s) covered by the Purchase Order;
- (3) the Occupational Safety and Health Act of 1970;
- (4) the Resource Conservation and Recovery Act, and the Immigration Reform and Control Act of 1986 (“IRCA”) and the IRCA’s implementing regulations as they pertain to any and all employees employed by Supplier in connection with performance hereunder.

Any provisions required thereby to be included herein shall be deemed to be incorporated by reference.

22. **Governing Law.** The validity and interpretation of the Purchase Order and the rights and obligations of the parties shall be governed and construed in accordance with the laws of the State of Florida without regard for any conflicts of law provisions that might cause the law of other jurisdictions to apply. All controversies, claims, or disputes arising out of or related to the Purchase Order or any agreement, instrument, or document contemplated by the Purchase Order must be brought exclusively in the County or Circuit Court for Leon County, Florida, or the United States District Court sitting in Tallahassee, Florida, as appropriate. The parties consent to and agree to submit to the personal jurisdiction of such courts. Each of the parties hereby waives, and agrees not to assert in any such controversy, claim, or dispute, to the fullest extent permitted by applicable law, any argument or claim that: (1) such party is not personally subject to the jurisdiction of such courts, (2) such party and such party’s property is immune from any legal process issued by such courts, or (3) any litigation or other process commenced in such courts is brought in an inconvenient forum.

23. **Independent Contractor.** In all matters relating to the Purchase Order, the Supplier is and will be deemed to be acting as an independent contractor of FMPA. The Supplier is not an employee, agent, partner, or representative of FMPA. The Supplier shall conduct its business under its own name as an independent contractor, and is hereby expressly prohibited from holding itself out as an employee, agent, partner, or representative of FMPA. It is agreed that any person employed by the Supplier to perform its obligations under the Purchase order is not and will not be deemed to be an employee of FMPA, and Supplier and Supplier’s employees, suppliers, subcontractors, agents, or representatives shall not be, nor represent themselves to be, officers, employees, agents, or representatives of FMPA and shall not bind, nor attempt to bind, FMPA to any agreement, liability, or obligation of any nature. Supplier agrees to pay, and hereby accepts full and exclusive liability for the payment of, any and all contributions and taxes for unemployment compensation or disability insurance or old age pension or annuities, and all similar provisions now or hereafter imposed by any federal or state governmental authority, which are imposed with respect to or measured by wages, salaries, or other compensation paid by the Supplier to persons employed by the Supplier; and the Supplier further agrees to indemnify and save FMPA harmless against any and all such liability or claims thereof.

24. **Force Majeure.** Neither party shall be liable for failure to perform under the Purchase Order if such failure to perform arises out of causes beyond the reasonable control and without the fault or negligence of the non- performing party (“**Force Majeure**”). Such causes may include, but are not limited to, acts of God or public enemy, wars, riots, fires, floods, explosions, epidemics, quarantine restrictions, freight embargoes, water shortages, and unusually severe weather. However, “Force Majeure” SHALL NOT MEAN NOR INCLUDE the negligence, gross negligence, or willful malfeasance of a party or any of its directors, officers, agents, representatives, independent contractors, or employees during the performance of the Purchase Order. This provision shall become effective only if the party failing to perform notifies the other party orally within 24 hours and provides written confirmation within two business days of the extent and nature of the problem, limits delay in performance to that required by the event, and takes all reasonable steps to minimize delays. This provision shall not be effective unless the failure to perform is beyond the reasonable control of the non-performing party. It is understood and agreed that FMPA shall not be liable to any other party for any damage occasioned by Force Majeure.

25. **Assignability and Subcontracting.** The Purchase Order is binding upon and inures to the benefit of the parties and their respective successors and permitted assigns. Notwithstanding the foregoing, neither the Purchase Order nor any interest in the Purchase Order may be assigned, delegated, or otherwise transferred by the Supplier except upon the prior written consent of FMPA, and any assignment or transfer without such consent shall be void and of no effect. The Supplier shall not appoint any subcontractor or non-employee to carry out its obligations under the Purchase Order without the prior written consent of FMPA. In any event, even with FMPA’s consent, the Supplier shall remain liable for the performance of all such obligations and shall ensure that any permitted subcontractor or non-employee reads and understands the terms of the Purchase Order and that the Goods and Services are provided in accordance with all requirements. FMPA may assign its rights or obligations under the Purchase Order to any FMPA affiliate or successor without Supplier’s consent.

26. **Survivorship.** All provisions, representations, and warranties contained in the Purchase Order, including in these Terms and Conditions, which by their nature are required or intended to be observed or performed after termination or completion of

the Purchase Order are hereby intended by the parties to survive its termination or completion.

27. **Notices.** (a) Each party giving or making any notice, request, demand, or other communication (each, a “notice”) pursuant to this agreement shall give the notice in writing, unless otherwise expressly permitted in this agreement, and shall use one of the following methods of delivery, each of which for purposes of this agreement is a writing: (1) personal delivery; (2) registered or certified mail, in each case, return receipt requested and postage prepaid; (3) nationally recognized overnight courier, with all fees prepaid; (4) electronic mail with electronic confirmation of the addressee opening the electronic mail (*i.e.*, read receipt) or (5) facsimile.

(b) Each party giving a notice shall address the notice to the appropriate person at the receiving party (the “Addressee”) at the address listed below or to another Addressee or at another address designated by a party in a notice pursuant to this section 27:

If to FMPA: Florida Municipal Power Agency
8553 Commodity Circle
Orlando, Florida 32819-9002
Attention: Chief Operating Officer
Facsimile No.: (407) 355-5794
Email: ken.rutter@fmpa.com
david.schumann@fmpa.com
Telephone No. (for verification purposes only): (407) 355-7767

With a required copy to: Florida Municipal Power Agency
Office of the General Counsel
2061-2 Delta Way (32303-4240)
Post Office Box 3209
Tallahassee, Florida 32315-3209
Attention: Purchase Order Terms and Conditions
Facsimile No.: (850) 297-2014
Email: jody.lamar.finklea@fmpa.com
Telephone No. (for verification purposes only): (850) 297-2011

If to the Supplier: As provided in the Purchase order.

(c) Except as provided else-where in this agreement, a notice is effective only if the party giving or making the notice has complied with subsections (a) and (b) and if the Addressee has received the notice. A notice is deemed to have been received as follows:

- (1) If a notice is delivered in person, or sent by registered or certified mail, or nationally recognized overnight courier, upon receipt as indicated by the date on the signed receipt.
- (2) If a notice is sent by facsimile, upon receipt by the party giving or making the notice of an acknowledgment or transmission report generated by the machine from which the facsimile was sent indicating that the facsimile was sent in its entirety to the Addressee’s facsimile number.
- (3) If the Addressee rejects or otherwise refuses to accept the notice, or if the notice cannot be delivered because of a change of address for which no notice was given, then upon the rejection, refusal, or inability to deliver.
- (4) Despite the other clauses in this subsection (c), if any notice is received after 5:00 p.m. on a business day where the Addressee is located, or on a day that is not a business day where the addressee is located, then the notice is deemed received at 9:00 a.m. on the next business day where the Addressee is located.

28. **Public Records.** All documents submitted and received by FMPA may become public records and FMPA shall treat them as subject to the Florida Public Records Law, including chapter 119, Florida Statutes.

29. **Enforcement.** In the event that either party is required to enforce the Purchase Order by court proceedings or otherwise, the prevailing party shall be entitled to recover all fees and costs incurred, including reasonable attorney's fees and costs, for cost of investigation, trial, alternative dispute resolution, cost of settlement, and/or appellate proceedings.

30. **Interpretation.** Each reference to the Purchase Order in these Terms and Conditions always includes these Terms and Conditions as a material part of the Purchase Order, whether or not the language "including these Terms and Conditions" or similar language is provided.

31. **General Provisions.** (a) In the event that any of the terms, covenants or conditions of the Purchase Order, or the application of any such term, covenant or condition, shall be held invalid as to any person or circumstance by any court having jurisdiction under the circumstances, the remainder of the Purchase Order and the application of its terms, covenants or conditions to such persons or circumstances shall not be affected by that invalidity.

(b) Except as provided in section 13, no amendment to the Purchase Order is valid unless mutually agreed and signed by both parties.

(c) The Purchase Order reflects the negotiated agreement of the parties. Accordingly, the Purchase Order, including these Terms and Conditions, is to be construed as if both parties jointly prepared it, and no presumption shall be made as to whether one party or the other prepared the Purchase Order for purposes of interpreting or construing any of the provisions of the Purchase Order or otherwise.

(d) The headings provided in the Purchase Order, including these Terms and Conditions, are for convenience only and do not affect its meaning.

(e) The Purchase Order may be executed in counterparts, each of which is deemed to be an original, but all of which together shall constitute one and the same instrument.

CONTRACTOR _____ FLORIDA MUNICIPAL POWER AGENCY _____

Signature: _____ Signature: _____

Name: _____ Name: _____

Title: _____ Title: _____

Date: _____ Date: _____

APPENDIX C

BID FORMS

**PROPOSAL TO FURNISH AND DELIVER
TCEC ISO-PHASE BUS PREVENTATIVE MAINTENANCE
FOR THE FLORIDA MUNICIPAL POWER AGENCY**

I have carefully examined the RFP, Terms and Conditions, Technical Specifications, Bid Forms, and any other documents accompanying or made a part of this RFP. With full knowledge and understanding of the aforesaid, I agree to abide by all conditions of this bid.

I hereby propose to furnish the materials/services specified in the RFP at the prices quoted in my proposal as indicated in the appropriate spaces on this and the attached sheets BF-2, BF-3, (and any bidder attachments).

I certify that I am duly authorized to submit this proposal; on behalf of the vendor and that the vendor is ready, willing and able to perform if awarded the bid.

Prices quoted shall remain firm and irrevocable for duration of project.

ADDENDA. The undersigned bidder acknowledges receipt of the following addenda, which have been considered in preparing this proposal (if applicable).

Number _____ Dated _____

Number _____ Dated _____

Respectfully submitted:

Company Name: _____

Signature: _____

(Authorized Representative)

(Type or Print Name of Signer)

Address: _____

E-Mail Address: _____

Telephone Number: _____

Toll Free Number: _____

Date: _____

This is a required form; please complete and include it in your submittal.

BID FORM
TCEC ISO-Phase Bus Preventative Maintenance Services

BID FORM
Base Bid – STG IPB Maintenance Provide a <u>Lump Sum Total Price</u> to furnish and deliver a turn-key solution as described in the scope of work. Pricing must include mobilization/demobilization, test equipment, reports, and standard consumables unless noted; as described in Appendix A Scope of Work. TOTAL PRICE _____

BID FORM
Base Bid – CTG IPB Maintenance Provide a <u>Lump Sum Total Price</u> to furnish and deliver a turn-key solution as described in the scope of work. Pricing must include mobilization/demobilization, test equipment, reports, and standard consumables unless noted; as described in Appendix A Scope of Work. TOTAL PRICE _____

BID FORM
Base Bid – Replacement flexible links/braids & hardware (per unit) Provide a <u>Per Unit Price</u> to furnish and deliver a turn-key solution as described in the scope of work. Pricing must include mobilization/demobilization, test equipment, reports, and standard consumables unless noted; as described in Appendix A Scope of Work. TOTAL PRICE _____

Cost Savings Alternative: Provide your discount percentage (or dollar amount reduction) if awarded all modules.

Please also provide a time & materials rate for the project.
T&M Rates
Please include a T&M Rate Sheet for all work offered by your company.

This is a required form; please complete and include it in your submittal.

Alternate options

OPTION A

Option A – Extruded gaskets for clamping covers (per unit)

Provide a Per Unit Price to furnish and deliver a turn-key solution as described in the scope of work. Pricing must include mobilization/demobilization, test equipment, reports, and standard consumables unless noted; as described in Appendix A Scope of Work.

TOTAL PRICE _____

OPTION B

Option B – Non-segregated phase bus duct inspection/cleaning/testing

Provide a Lump Sum Total Price to furnish and deliver a turn-key solution as described in the scope of work. Pricing must include mobilization/demobilization, test equipment, reports, and standard consumables unless noted; as described in Appendix A Scope of Work.

TOTAL PRICE _____

- 1) **Per Section 5.1 - Options** in the Scope of Work (Other Alternatives suggestions):
FMPA may consider other alternatives provided by bidders. If vendor has alternatives or associated testing not called out in the specifications, you may provide a separate detailed page listing the alternative and its costs.
- 2) **Per Section 39, please be sure to add any additional information that might apply to other sites.**

This is a required form; please complete and include it in your submittal.

**FMPA RFP 2026-202
Intent-to-Bid Form**

Form Due Date: May 20, 2026

If you intend to submit a response to this Request for Proposal, we ask that you complete this form as soon as possible and e-mail it to sharon.samuels@fmpa.com. You may also mail a copy of this form to the following address:

Sharon Samuels
Florida Municipal Power Agency
8553 Commodity Circle
Orlando, Florida 32819

If you identify yourself as a potential respondent, FMPA will be able to notify you of any RFP changes or revisions and forward to you any addenda to the RFP.

Please note:

Filing an Intent-to-Bid form is voluntary: It is NOT required by FMPA in order for you to submit a response.

Filing an Intent-to-Bid form does not commit you to responding.

Filing an Intent-to-Bid form is **required** if you submit specific questions concerning this RFP.

----- Intent-to-Bid -----

RFP 2026-202

Name of Company:

Address:

Name of Contact Person:

E-Mail Address:

Phone:

DISPUTE DISCLOSURE

Answer the following questions by placing an "X" in the appropriate "YES" or "NO" box. If you answer "YES", please explain in the space provided, or via attachment.

Has your firm, or any of its officers, received a reprimand of any nature or been suspended by the Department of Professional Regulation or any other regulatory agency or professional association within the last five (5) years?

YES ☐

NO ☐

Has your firm, or any member of your firm, been declared in default, terminated or removed from a contract or job related to the services your firm provides in the regular course of business within the last five (5) years?

YES ☐

NO ☐

Has your firm had filed against it or filed any requests for equitable adjustment, contract claims or litigation in the past five (5) years that is related to the services your firm provides in the regular course of business?

YES ☐

NO ☐

If yes, state the nature of the request for equitable adjustment, contract claim or litigation, a brief description of the case, the outcome or status of suit and the monetary amounts or extended contract time involved.

I hereby certify that all statements made are true and agree and understand that any misstatement or misrepresentation or falsification of facts shall be cause for forfeiture of rights for further consideration of this project:

Project: FMPA RFP# 2026-202

Firm

Date

Authorized Signature

Officer Title

Printed or Typed Name

This is a required form; please complete and include it in your submittal.

AFFIDAVIT OF COMPLIANCE
FMPA RFP 2026-202

_____ We DO NOT take exception to any items included in the RFP.

_____ We TAKE exception as follows:

Company Name:

By:

(Authorized Person's Signature)

(Print or type name and title of signer)

Company Address: _____

Telephone Number: _____

Toll Free Number: _____

Fax Number: _____

Date: _____

This is a required form; please complete and include it in your submittal.

HUMAN TRAFFICKING AFFIDAVIT

Pursuant to Section 787.06 Subsection (13), FLORIDA STATUTES, all bidders should be aware:

“When a contract is executed, renewed, or extended between a nongovernmental entity and a governmental entity, the nongovernmental entity must provide the governmental entity with an affidavit signed by an officer or a representative of the nongovernmental entity under penalty of perjury attesting that the nongovernmental entity does not use coercion for labor or services as defined in this section.

_____ (Company) does not use
coercion for labor or services, as those terms are defined in Florida Statute 787.06.

Company Name:

By:

(Authorized Person's Signature)

(Print or type name and title of signer)

Company Address: _____

Telephone Number: _____

Date: _____

This is a required form; please complete and include it in your submittal.

DRUG-FREE WORKPLACE COMPLIANCE FORM

Preference shall be given to businesses with drug-free workplace programs. Pursuant to Section 287.087, Florida Statutes, whenever two or more proposals which are equal with respect to price, quality, and service are received by the State or by any political subdivision for the procurement of commodities or contractual services, a proposal received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process.

The undersigned proposer in conformity with Florida Statute 287.087 hereby certifies that _____ does:

(Name of business)

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under proposal a copy of the statement specified in Subsection 1.
4. In the statement specified in Subsection 1, notify the employees that, as a condition of working on the commodities or contractual services that are under proposal, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that the undersigned complies fully with the above requirements.

Signature

Name of Proposer

Date

STATEMENT OF NO PROPOSAL

Sharon Samuels
Florida Municipal Power Agency
8553 Commodity Circle
Orlando, FL 32819

We, the undersigned, have declined to submit a proposal on your Request for Proposals Number 2026-202, Florida Municipal Power Agency, TCEC ISO-Phase Bus Preventative Maintenance - for the following reasons:

- ☐ We do not offer this service/product.
- ☐ Our schedule would not permit us to perform.
- ☐ Unable to meet specifications.
- ☐ Unable to meet bond requirements.
- ☐ Other

We understand that if the Statement of No Proposal letter is not executed and returned, our name may be deleted from the list of qualified proposers of the Florida Municipal Power Agency.

Company Name: _____

By: _____
(Authorized Person's Signature)

(Print or type name and title of signer)

Company Address: _____

Telephone Number: _____

Toll Free Number: _____

Fax Number: _____

Date: _____



Thanks for your interest in servicing FMPSA.