

TO: HARBOR DEPARTMENT PURCHASING OFFICE
500 Pier "A" Street
Berth 161
Wilmington, CA 90744

BID NO. F-1163 Page 1
Show this number on envelope

Contract No. 40005

1. COMPLETE CONTRACT

This entire Bid Request shall become the contract upon its execution by the Executive Director on behalf of the Harbor Department of the City of Los Angeles. The complete contract shall consist of the entire Bid (including Specifications), this page, terms and conditions, any addendums, and when required, CONTRACTOR'S BOND. Contractor will be provided with a copy of the executed contract.

2. GOODS AND SERVICES TO BE PROVIDED BY THE CONTRACTOR

The Contractor agrees, upon acceptance of this offer by the City, to furnish the goods and services herein specified according to the terms and conditions as set forth herein.

3. AMOUNT TO BE PAID

The City agrees to pay the contractor for the goods or services in the manner described in the paragraph entitled "PAYMENTS" according to the terms and conditions. Unless otherwise indicated by the Bidder, remittance by the City for goods or services will be made to the address below.

4. CHOICE OF ALTERNATIVE PROVISIONS; OPTIONS; NOTIFICATION

When alternative provisions are requested, or options are offered, the contractor will be notified as to which provision, or option, is being accepted when notification is sent that the Contractor is the successful bidder.

5. DECLARATION OF NON-COLLUSION

The undersigned certifies (or declares) under penalty of perjury that this bid is genuine and not sham or collusive, or made in the interest or on behalf of any person, firm, or corporation not herein named; that the bidder has not directly or indirectly induced or solicited any other bidder to put up a sham bid, or any other person, firm or corporation to refrain from bidding, and that the bidder has not in any manner sought by collusion to secure any advantage over other bidders.

6. LEGAL JUSTIFICATION

This agreement shall be deemed entered into in Los Angeles, California, and shall be governed and construed in accordance with the laws of the State of California.

EXECUTED AT: San Ysidro, California ON THE 17th DAY OF April, 2023
City, State Date Month Year

BIDDER MUST COMPLETE AND SIGN BELOW:

Firm Name Process Group America
Phone (619) 778-9060 Fax N/A
Address 555 Conestoga Blvd., Cambridge, ON Canada N1R7P6
Street City State Zip
Harrison Rees Harrison Rees Mechanical Manager
Signature Printed Name Printed Title

Signature Printed Name Printed Title (AFFIX CORPORATE SEAL HERE)
(Approved Corporate Signature Methods)

a) **Two signatures:** One by Chairman of Board of Directors, President, or a Vice-President **AND** one by Secretary, Assistant Secretary, Chief Financial Officer or an Assistant Treasurer.

b) **One signature:** By corporate designated individual together with properly attested resolution of Board of Directors authorizing person to sign.

NOTARIZATION: Bids executed outside the State of California must be sworn to and notarized below.

County of _____ State of _____ S.S. Subscribed and sworn this date _____, 2023 Notary Seal Signature	In witness whereof the Board of Harbor Commissioners of the City of Los Angeles has caused this contract to be executed by the Executive Director of the Harbor Department of said City and said Contractor has executed this contract the day and year written below. By _____ Executive Director Harbor Department Date	Approved as to form and legality <u>June 13</u> , 2023 City Attorney BY <u>[Signature]</u> Deputy
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"Industrial Service Solutions"

PROCESS GROUP INC.

555 Conestoga Blvd.

Cambridge, Ontario N1R 7P5

Tel: (519) 622-5520 Fax: (519) 622-5852

info@processgroup.ca www.processgroup.ca

I Jeffrey Snyder, President of Process Group Inc. Hereby authorize Harrison Rees to sign on our behalf to submit Bids on Proposals in the Sate of California

Jeffrey Snyder
President
Process Group Inc.

A handwritten signature in blue ink, appearing to read "Jeffrey Snyder", is written over a horizontal line.

PMI PEC PCS PTS PCF PSI PPS



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To Whom this may Concern

The Board of Process Group America Inc. consists of Bryan Snyder and myself

Please contact us if there are any questions

Jeffrey Snyder
President
Process Group Inc

A handwritten signature in black ink, appearing to read "Jeffrey Snyder", written over the printed name.

PMI PEC PCS PTS PCF PSI PPS

FORMAL REQUEST FOR BID

CITY OF LOS ANGELES
HARBOR DEPARTMENT

BID NO. F-1163

SUBMIT BID TO :

Los Angeles Harbor Department
Purchasing Office, 1st Floor
500 Pier A Street
Wilmington, CA 90744

OFFICE HOURS:

7:30 a.m. – 4:30 p.m.
Monday through Friday (excluding Holidays)

**BID DUE BEFORE
2:00 PM
April 18, 2023**

Buyer: Leticia Caldera, Management Analyst (310) 732-3890

**BIDS WILL BE PUBLICLY
OPENED**

ALL ITEMS REQUESTED MAY BE QUOTED AS "OR EQUAL".

AFFIRMATIVE ACTION – AN APPROVED AA PLAN OR CERTIFICATION, IF NOT ON FILE, WILL BE REQUIRED PRIOR TO AWARD OF CONTRACT.

QUANTITY AND UNIT	ITEMS and DESCRIPTION	UNIT PRICE QUOTED	EXTENSION
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FURNISH AND INSTALL CNG COMPRESSOR SYSTEM

(This is a rebid of Bid F-1141)

The Los Angeles Harbor Department seeks the purchase and installation of a BAUER C23.20 M-SERIES DUPLEX CNG COMPRESSOR SYSTEM.

PRICES TO INCLUDE ALL CHARGES AND FEES EXCLUDING SALES TAX. "CHARGES AND FEES" INCLUDE BUT ARE NOT LIMITED TO DELIVERY, FREIGHT, SHIPPING, HANDLING, ETC.

- 1 EA Each \$ 538,942.80
BAUER C23.20 M-SERIES DUPLEX CNG COMPRESSOR SYSTEM
(NO SUBSTITUTIONS)

State Make and Model:
BAUER C23.20 M-SERIES DUPLEX CNG COMPRESSOR SYSTEM
2. 1 LOT Lot \$ 170,064.60
INSTALLATION

REQ. NO.: E-22-0608/ 78168
NOTIFY: D. Comer

STATE TIME OF DELIVERY: _____ DAYS AFTER RECEIPT OF ORDER.
TERMS _____ % DISCOUNT FOR PAYMENT WITHIN _____ DAYS.
BIDDER MUST SIGN THIS BID ON PAGE 1. WET SIGNATURES REQUIRED.

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3. 1 LOT Lot \$ 14,009.60
START-UP AND COMMISSIONING

4. 1 LOT Lot \$ 25,476.00
TWO (2) YEAR SERVICE AGREEMENT

The two-year maintenance for parts and labor shall be no less than manufacturer requirements.

PLEASE REFERENCE THE FOLLOWING ATTACHMENTS:

- 1) Scope of Work
- 2) Bauer Spec C23.2 POLA Public Works
- 3) B161 CNG 1 - Drawings
- 4) B161 CNG 2 - Drawings

PRE-BID CONFERENCE. There will be a MANDATORY Pre-Bid Conference for all Bidders. **VENDORS NOT IN ATTENDANCE WILL NOT BE ALLOWED TO BID ON THIS PROJECT.**

Date: Tuesday, April 4, 2023
Time: 11am
Location: Purchasing Office OUTSIDE LOBBY
500 Pier A Street
Wilmington, CA 90744

The purpose of the Pre-Bid Conference is to answer any questions about the requirements contained within the bid and to provide any additional information, which may prove helpful to the prospective bidder, as well as overcome any barriers to participation.

***** Please review all bid documents prior to attending Pre-Bid Conference.**

BIDDER INSTRUCTIONS

REQUEST FOR QUOTATION BIDDER RESPONSIVENESS. In order to be responsive, bidders shall complete and return all Quotation documents requested by the Port, including addenda, specifications, drawings and all forms.

It shall be the bidder's responsibility to provide one (1) original and one (1) copy of the completed Quotation documents. The original and all copies shall include all quotation documents requested by the Port, including addenda, specifications, drawings and all forms.

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The Purchasing Agent may deem a bidder non-responsive if the bidder fails to provide all Quotation documents requested by the Port at the Quotation closing date and time.

ADDENDA. From time to time, the Harbor Department may deem it necessary to issue an addendum(a) to modify or cancel a Bid Request. Such addendum(a) will be available on the Port of Los Angeles internet website – www.portoflosangeles.org and the Los Angeles Business Assistance Virtual Network website – www.labavn.org. It is the responsibility of the bidder to be aware of and respond to any such addendum(a) before the deadline of the applicable bid request. Failure to do so may deem the bid non-responsive.

BID SUBMITTAL TIMELINESS. Bidders solely are responsible for the timeliness of their submittals. As such, bidders are cautioned to budget adequate time to ensure that their bids are delivered at the location designated at or before the deadline set forth above. Bidders are cautioned that matters including, but not limited to, traffic congestion, security measures and/or events in or around the Harbor Department, may lengthen the amount of time necessary to deliver the bid, whether the bid is submitted in person or by mail.

AWARD. The Harbor Department reserves the right to reject any or all Bids, award Bid as a whole, split award or delete line items as it may deem necessary, unless otherwise stated herein.

SUPPLIER CONTACT INFORMATION

Contact Person: Harrison Rees

Title: Mechanical Manager

Telephone No.: (619) 778-9060

Fax No.: N/A

E-Mail Address: hrees@processgroupamerica.com

24 Hour Contact No.: (619) 778-9060

CONTRACTUAL TERMS

AUTHORIZED DISTRIBUTOR/DEALER. Bidder must indicate if it is an authorized factory distributor/ dealer for the manufacturer being quoted (please initial).

Yes: _____ No: ✓ /R

If bidder is not an authorized distributor/dealer, the bidder shall submit with its Quotation a formal Letter of Certification from the manufacturer, stating that the manufacturer will honor any warranty claims by the City for equipment, parts, and/or materials provided by the bidder.

The manufacturer will be responsible for any default of the supplier that is not corrected by the supplier in a timely and efficient manner. This responsibility includes replacing incorrect or defective parts, trouble shooting, and correcting problems that are traceable to the manufacturer.

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ADDITIONAL QUANTITIES. The Harbor Department requests the option to purchase additional quantities of above item(s) at the same prices, terms and conditions, providing that the total of any of the additional quantities does not exceed the total for that item, and providing that the Harbor Department exercise the option before: 30 (THIRTY) DAYS.

NEW AND UNUSED. The equipment furnished shall be new and unused, current model.

WARRANTY. Terms of warranty on equipment offered. Free PARTS & SERVICE (LABOR) for defective parts and workmanship for the following period after equipment has been accepted: 2 (TWO) YEARS FROM COMMISSIONING

PERFORMANCE AND PAYMENT BONDS. Successful bidder will be required to post a Faithful Performance Bond and a Payment Bond each for 50% of the total contract price. Bonds required shall be furnished when requested by the Purchasing Officer and shall be furnished at contractor's expense. Bonds shall be placed with insurance carriers, which are rated VII, A- or better in Best's Insurance Guide. If a Best's Insurance Guide rating is not available, then the proposed carrier must meet comparable standards in another rating service satisfactory to City.

REGIONAL ALLIANCE MARKETPLACE FOR PROCUREMENT (RAMP). PRIOR TO BEING AWARDED A CONTRACT with the Harbor Department, all vendors must be registered on the City's Contracts Management and Opportunities Database, Regional Alliance Marketplace for Procurement (RAMP), at <http://www.RAMPLA.org>.

Respondents are advised, pursuant to Executive Directive 35, if a bidder is selected and awarded a contract, and if the vendor is a for-profit company or corporation, the vendor shall, within 30 days of the effective date of the contract and on an annual basis thereafter (i.e., within 30 days of the anniversary of the effective date of the contract), report the following information to City via the Regional Alliance Marketplace for Procurement ("RAMP") or via another method specified by City: vendor's and any subcontractor's annual revenue, number of employees, location, industry, race/ethnicity and gender of majority owner ("contractor/subcontractor Information"). On an annual basis, the vendor shall further request that any subcontractor input or update its business profile, including the vendor/subcontractor information, on RAMP or via another method prescribed by City.

Vendors who are already registered may look up their RAMP ID at: <https://www.rampla.org/s/regional-profiles>.

RAMP ID Number(s): 204465

CONTRACTOR'S LICENSE. In accordance with Section 7028.15 of the Business and Professions Code, bidder must provide the following information:

Contractor's License No.: 1053622

Class: A Expiration Date: 05/31/2023

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DEPARTMENT OF INDUSTRIAL RELATIONS (DIR) REGISTRATION.

ALL CONTRACTORS MUST HAVE A CONTRACT REGISTRATION NUMBER THROUGH THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS.

CONTRACTORS AND SUBCONTRACTORS MAY NOT SUBMIT A BID PROPOSAL FOR PUBLIC WORKS PROJECTS UNLESS REGISTERED WITH THE DEPARTMENT OF INDUSTRIAL RELATIONS. BID PROPOSAL WILL BE DEEMED NON-RESPONSIVE.

The prevailing rate of per diem wages and rates for legal holidays and overtime work for each craft, classification or type of workers needed in the execution of any contract to let under the Specifications has been determined by the Director of the Department of Industrial Relations (DIR) of the State of California pursuant to the provisions of the Labor Code of the State of California. The State of California has approved the City's Labor Compliance Program of enforcement of State prevailing wage laws and will allow the City to retain all penalty assessments for violation of these laws.

Pursuant to notice requirements effective January 1, 2015, all contractors and subcontractors must register with and meet requirements of the State of California DIR using the online application before bidding on the public works contracts in California. For the online application, visit <http://www.dir.ca.gov/Public-Works/PublicWorks.html>.

- a. No contractor or subcontractor may be listed on a bid proposal for a public works projects unless registered with the DIR pursuant to Labor Code section 1725.5 (with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1[a]).
- b. No contractor or subcontractor may be awarded a contract for public work on a public works project unless registered with the DIR pursuant to Labor Code section 1725.5.
- c. The Project is subject to compliance monitoring and enforcement by the DIR.

PREVAILING WAGES

- a. The Contractor shall pay the general prevailing rate of per diem wages and rates for legal holiday and overtime work currently being paid in the area where the work is being performed.
- b. Pursuant to the provisions of the Labor Code of the State of California, the general prevailing rate of wages for each craft, classification or type of workers needed in the execution of contracts under the jurisdiction of the Board, shall be those rates as determined by the Director of the Department of Industrial Relations of the State of California. Copies of the applicable Determinations may be obtained at or by request to the Department.
- c. When the Contractor has been determined to be in violation of Section 377 of the City Charter making applicable the provisions of the California Labor Code relating to the payment of not less than the prevailing per diem wages on public works, deductions may be made from moneys due or to become due the Contractor in the amount of twice the difference between such stipulated prevailing rates, and the amount paid to each wage worker for each Calendar Day, or part thereof, for which each worker was paid less than the stipulated prevailing wage rate.

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- d. The Contractor shall also comply with Section 1775 of the Labor Code providing for a penalty per day as determined by the Labor Commissioner for each Calendar Day, or part thereof, for which each worker was paid less than the prevailing wage.
- e. Contractor and subcontractors shall keep an accurate record showing the names and occupations of all workers employed by them in connection with any work done under the Contract, and the per diem wages paid to each of such workers, and shall keep such record open at all reasonable hours to the inspection of the Board and to the State Division of Labor Law Enforcement. The Contractor in all other respects shall comply with Section 1776 of the Labor Code.
- f. No later than the end of the workday following the day on which work was performed by the Contractor, or any subcontractor, the Contractor and applicable subcontractor(s) shall complete and furnish the Contractor Daily Field Report, included as Subsection 71 of this Section, to the Inspector. When work has been performed, the Contractor shall submit a form regarding all employees and equipment at the jobsite on the workday, and the Contractor shall submit a separate form for each subcontractor regarding each subcontractor's employees and equipment at the jobsite on the work day. Each field report shall:
 1. Identify the Project title, Specification number, name of the Contractor or subcontractor, and date on which the work was performed.
 2. Show the names of the workers and identify their applicable company affiliation (Prime Contractor, subcontractor, supplier, or vendor).
 3. Show the labor classification for each worker. If worker is an operating engineer or teamster, the Contractor or subcontractor must indicate which piece of equipment was operated by the worker.
 4. Show the Start Time and End Time for the worker listed, as well as the total hours worked by the worker on the workday.
 5. Show the type of equipment, size, identification number, and hours of operation, including loading and transportation, if applicable, utilized on the workday.
 6. Contain the printed name and title for the Contractor or subcontractor representative, and shall be dated and signed by same.
- g. Contractor shall submit the original (wet signature by Contractor or subcontractor) to the Inspector for review. If additional space is needed, a second form, with pages numbered accordingly, can be completed.
- h. The Inspector will compare the Inspector's records with the report submitted by the Contractor, discuss any apparent discrepancies with the Contractor, and reconcile the report (and have it re-submitted, if necessary). Once the report is agreed upon by the Contractor and Inspector, the Inspector prints his/her name on the report and dates and signs the report. Each party shall retain a copy of the report, signed by both parties.

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- i. Certified payrolls from the Contractor and all subcontractors shall be submitted to the City weekly through the Department of Public Works Bureau of Contract Administration's Online Certified Payroll System (OCPS) and shall be accompanied by a Statement of Compliance, signed electronically on OCPS by the Contractor or the Contractor's agent attesting that the payrolls are correct and complete and the wage rates contained therein are not less than those set by the applicable wage determinations incorporated into the Contract. The City reserves the right to reject incomplete payroll reports and request re-submittal of complete reports.

WAGE AND EARNING ASSIGNMENT ORDERS/NOTICES OF ASSIGNMENTS

- a. The Contractor and its subcontractors shall comply with all applicable state and federal employment reporting requirements for the Contractor's and/or subcontractor's employees.
- b. The Contractor and/or subcontractor shall certify that the principal owner(s) are in compliance with any Wage and Earnings Assignment Orders and Notices of Assignment applicable to them personally. The Contractor or subcontractor shall comply with all lawfully served Wage and Earnings Assignment Orders and Notices of Assignments in accordance with California Family Code §§5230 et. seq. The Contractor or subcontractor shall maintain such compliance throughout the term of the Contract.

Prime Contractor State of California DIR Registration No.: 1000989576

Subcontractor State of California DIR Registration No.: _____

Subcontractor State of California DIR Registration No.: _____

(Attach additional sheets if necessary)

DIR REPORTING LABOR CLASSIFICATIONS:

PRIME CONTRACTOR:

Please indicate which Labor Classification(s) will be used for Payroll Reporting:

- | | | | |
|--|---|---|--|
| <input type="checkbox"/> ASBESTOS | <input type="checkbox"/> BOILERMAKER | <input type="checkbox"/> BRICKLAYERS | <input type="checkbox"/> CARPENTERS |
| <input type="checkbox"/> CARPET/LINOLEUM | <input type="checkbox"/> CEMENT MASONS | <input type="checkbox"/> DRYWALL FINISHER | <input type="checkbox"/> DRYWALL/LATHERS |
| <input type="checkbox"/> ELECTRICIANS | <input type="checkbox"/> ELEVATOR MECHANIC | <input type="checkbox"/> GLAZERS | <input type="checkbox"/> IRON WORKERS |
| <input checked="" type="checkbox"/> LABORERS | <input type="checkbox"/> MILLWRIGHTS | <input type="checkbox"/> OPERATING ENG | <input type="checkbox"/> PAINTERS |
| <input type="checkbox"/> PILE DRIVERS | <input checked="" type="checkbox"/> PIPE TRADES | <input type="checkbox"/> PLASTERERS | <input type="checkbox"/> ROOFERS |
| <input type="checkbox"/> SHEET METAL | <input type="checkbox"/> SOUND/COMMM | <input type="checkbox"/> SURVEYORS | <input type="checkbox"/> TEAMSTER |
| <input type="checkbox"/> TILE WORKERS | | | |

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SUBCONTRACTOR:

Please indicate which Labor Classification(s) will be used for Payroll Reporting:

- | | | | |
|--|--|---|--|
| <input type="checkbox"/> ASBESTOS | <input type="checkbox"/> BOILERMAKER | <input type="checkbox"/> BRICKLAYERS | <input type="checkbox"/> CARPENTERS |
| <input type="checkbox"/> CARPET/LINOLEUM | <input type="checkbox"/> CEMENT MASONS | <input type="checkbox"/> DRYWALL FINISHER | <input type="checkbox"/> DRYWALL/LATHERS |
| <input type="checkbox"/> ELECTRICIANS | <input type="checkbox"/> ELEVATOR MECHANIC | <input type="checkbox"/> GLAZERS | <input type="checkbox"/> IRON WORKERS |
| <input type="checkbox"/> LABORERS | <input type="checkbox"/> MILLWRIGHTS | <input type="checkbox"/> OPERATING ENG | <input type="checkbox"/> PAINTERS |
| <input type="checkbox"/> PILE DRIVERS | <input type="checkbox"/> PIPE TRADES | <input type="checkbox"/> PLASTERERS | <input type="checkbox"/> ROOFERS |
| <input type="checkbox"/> SHEET METAL | <input type="checkbox"/> SOUND/COMMM | <input type="checkbox"/> SURVEYORS | <input type="checkbox"/> TEAMSTER |
| <input type="checkbox"/> TILE WORKERS | | | |

(Attach additional sheets if necessary)

INSURANCE REQUIREMENTS

INDEMNIFICATION AND INSURANCE

Indemnification

Except for the sole negligence or willful misconduct of the City, or any of its Boards, Officers, Agents, Employees, Assigns and Successors in Interest, Vendor undertakes and agrees to defend, indemnify and hold harmless the City and any of its Boards, Officers, Agents, Employees, Assigns, and Successors in Interest from and against all suits and causes of action, claims, losses, demands and expenses, including, but not limited to, attorney's fees (both in house and outside counsel) and cost of litigation (including all actual litigation costs incurred by the City, including but not limited to, costs of experts and consultants), damages or liability of any nature whatsoever, for death or injury to any person, including Vendor's employees and agents, or damage or destruction of any property of either party hereto or of third parties, arising in any manner by reason of the negligent acts, errors, omissions or willful misconduct incident to the performance of this Purchase Order by Vendor or its subcontractors of any tier. Rights and remedies available to the City under this provision are cumulative of those provided for elsewhere in this Purchase Order and those allowed under the laws of the United States, the State of California, and the City.

Acceptable Evidence and Approval of Insurance

Electronic submission is the required method of submitting Vendor's insurance documents. KwikComply is the City's online insurance compliance system, designed to be used primarily by insurance brokers and agents as they submit client insurance certificates directly to the City. It uses the standard insurance industry form known as the ACORD 25 Certificate of Liability Insurance in electronic format. The advantages of KwikComply include standardized, universally accepted forms, paperless approval transactions (24 hours, 7 days per week), and security checks and balances. Vendor's insurance broker or agent shall obtain access to KwikComply at <https://kwikcomply.org/> and follow the instructions to register and submit the appropriate proof of insurance on Vendor's behalf.

Policy Copies

Upon request by City, Vendor must furnish copy of binder of insurance and/or full certified policy of any insurance policy required herein. Such request may occur outside of termination and/or expiration date of this contract.

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PRIMARY COVERAGE

The coverages submitted must be primary with respect to any insurance or self insurance of the City of Los Angeles Harbor Department. The City of Los Angeles Harbor Department's program shall be excess of this insurance and non-contributing.

If the Vendor maintains higher limits than the minimums shown below, the City requires and shall be entitled to coverage for the higher limits maintained by the Vendor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

ADDITIONAL INSURED

The City of Los Angeles Harbor Department, its officers, agents, and employees must be included as additional insureds in applicable liability policies to cover the City of Los Angeles Harbor Department's vicarious liability for the acts or omissions of the named insured. Such coverage is not expected to respond to the active negligence of the City of Los Angeles Harbor Department.

NOTICE OF CANCELLATION

By terms of the contract, the contracting company agrees to maintain all required insurance in full force for the duration of the contract with the City of Los Angeles Harbor Department. For each contractually required insurance, the Vendor shall give to the Board of Harbor Commissioners a 10-days prior notice of cancellation or reduction in coverage for nonpayment of premium, and a 30-days prior notice of cancellation or reduction in coverage for any other reason, by written notice via registered mail and addressed to the City of Los Angeles Harbor Department, Attention: Risk Manager and the City Attorney's Office, 425 S. Palos Verdes Street, San Pedro, California 90731.

RENEWAL

When an existing policy is timely renewed, you are encouraged to submit your renewal policy as soon as it is available to KwikComply. All renewals must continue to meet the policy conditions listed above. As a courtesy, Risk Management sends notifications of expiring or expired insurance. However, it is the responsibility of the contracting company to ensure evidence of insurance remains effective for the duration of the contract.

For further clarification on Insurance procedures, coverage information and documentation please go to <http://www.portoflosangeles.org/business/risk.asp>.

Vendor will be required to furnish, at its own expense and within TEN (10) days of notification of pending award, proof of insurance, in accordance with the types and in the minimum limits shown below:

NOTE

FAILURE TO SUBMIT PROOF OF INSURANCE WITHIN (10) DAYS UPON RECEIPT OF NOTICE OF INTENT TO AWARD WILL DEEM THE BIDDER NON- RESPONSIVE AND THE PROSPECTIVE AWARD MAY BE CANCELLED.

General Liability Insurance

Vendor shall procure and maintain in effect throughout the term of this Purchase Order, without requiring additional compensation from the City, commercial general liability insurance covering personal and advertising injury, bodily injury, and property damage providing contractual liability, independent contractors, products and completed operations, and premises/operations coverage written by an insurance company authorized to do business in the State of California rated VII, A- or better in Best's

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Insurance Guide (or an alternate guide acceptable to City if Best's is not available) within Vendor's normal limits of liability but not less than ONE MILLION Dollars (\$1,000,000.00) combined single limit for injury or claim. Said limits shall provide first dollar coverage except that Executive Director may permit a self-insured retention or self-insurance in those cases where, in his or her judgment, such retention or self-insurance is justified by the net worth of Vendor. The retention or self-insurance provided shall provide that any other insurance maintained by the Harbor Department shall be excess of Vendor's insurance and shall not contribute to it. In all cases, regardless of any deductible or retention, said insurance shall contain a defense of suits provision and a severability of interest clause. Additionally, each policy shall include an additional insured endorsement (CG 2010 or equivalent) naming the City of Los Angeles Harbor Department, its officers, agents and employees as Primary additional insureds.

Where Vendor's operations involve work within 50 feet of railroad track, Vendor's Commercial General Liability coverage shall also have the railroad exclusion deleted.

Auto Liability Insurance

Vendor shall procure and maintain at its expense and keep in force at all times during the term of this Purchase Order, automobile liability insurance written by an insurance company authorized to do business in the State of California rated VII, A- or better in Best's Insurance Guide (or an alternate guide acceptable to City if Best's is not available) within Consultant's normal limits of liability but not less than ONE MILLION Dollars (\$1,000,000.00) covering damages, injuries or death resulting from each accident or claim arising out of any one claim or accident. Said insurance shall protect against claims arising from actions or operations of the insured, or by its employees. Coverage shall contain a defense of suits provision. Additionally, each policy shall include an additional insured endorsement (CG 2010 or equivalent) naming the City of Los Angeles Harbor Department, its officers, agents and employees as Primary additional insureds.

Where City owned vehicles are in the custody of the Vendor for towing or hauling, Vendor shall additionally procure and maintain On-Hook Liability insurance, subject to the same terms as noted above. As a minimum, such coverage shall include, but not be limited, to damage for: Collision, Fire, Theft, Explosion and Vandalism.

Where City owned vehicles are in the custody of the Vendor for safekeeping, storage and repair, Vendor shall additionally procure and maintain Garagekeepers Legal Liability insurance in the amount of \$1,000,000, subject to the same terms as noted above.

Workers' Compensation and Employer's Liability

Vendor shall certify that it is aware of the provisions of Section 3700 of the California Labor code which requires every employer to be insured against liability for Workers' Compensation or to undertake self-insurance in accordance with the provisions of that Code, and that Vendor shall comply with such provisions before commencing the performance of the tasks under this Purchase Order. Coverage for claims under U.S. Longshore and Harbor Workers' Compensation Act, if required under applicable law, shall be included. Vendor shall submit Workers' Compensation policies whether underwritten by the state insurance fund or private carrier, which provide that the public or private carrier waives its right of subrogation against the City in any circumstance in which it is alleged that actions or omissions of the City contributed to the accident. Such Worker's Compensation and occupational disease requirements shall include coverage for all employees of Vendor, and for all employees of any subcontractor or other vendor retained by Vendor.

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INITIAL HERE ACKNOWLEDGING INSURANCE REQUIREMENTS:

HL (initial)

Upon approval of insurance, contractor will receive written authorization to proceed.

NO WORK MAY BE PERFORMED WITHOUT SUCH WRITTEN AUTHORIZATION TO PROCEED.

SAFETY AND HEALTH REQUIREMENTS. All equipment, materials, procedures and services furnished and/or used by the Contractor shall comply with applicable current requirements of OSHA and CAL-OSHA. Contractor agrees to indemnify and hold harmless Los Angeles City, The Harbor Department, and agents, officers and employees thereof, for all damages assessed against them as a result of Contractor's failure to comply with said safety and health requirements.

SAFETY APPROVAL. Electrical items listed herein shall have UNDERWRITER'S LABORATORY OR LOS ANGELES CITY ELECTRICAL TESTING LABORATORY approval and meet all current OSHA and CAL-OSHA requirements, where applicable.

CARE AND CUSTODY. The contractor accepts full responsibility for the security against loss or damage to the equipment involved while in his\her possession or the possession of any of his\her agents. Contractor shall reimburse the Harbor Department for any loss or damage to Harbor Department equipment in his\her possession or the possession of any of his\her agents.

INSPECTION RESPONSIBILITY. Bidder submittal constitutes acknowledgment of inspection of the work site to bidder's satisfaction, including, but not limited to site conditions and specification requirements.

REMOVAL, CLEANUP, AND DEMOBILIZATION. Upon completion of the Contracted Work, the CONTRACTOR shall remove all of its tools, materials and other articles from the property of the CITY. Should the CONTRACTOR fail to take prompt action to this end, the CITY, at its option and without waiver of such other rights as it may have, upon thirty (30) calendar days' notice, may treat such items as abandoned property. The CONTRACTOR shall also sweep all floors broom clean, clean all exterior and interior surfaces and windows and remove all rubbish and debris resulting from the Contracted Work and shall maintain the Jobsite in a clean, orderly and safe condition at all times until completion of the physical.

Throughout all phases of construction, including suspension of work, and until the Final Acceptance, the CONTRACTOR shall keep the site clean and free from rubbish and debris. The CONTRACTOR shall also abate dust nuisance by cleaning, sweeping and sprinkling with water, or other means as necessary. The use of water resulting in mud on public streets will not be permitted as a substitute for sweeping or other methods.

Materials and equipment shall be removed from the site as soon as they are no longer necessary. Before the final inspection, the site shall be cleared of equipment, unused materials and rubbish so as to present a satisfactory clean and neat appearance. All cleanup costs shall be included in the CONTRACTOR'S Bid.

Failure of the CONTRACTOR to comply with the City of Los Angeles Harbor Department Project Manager (PM) cleanup orders may result in an order to suspend work until the condition is corrected. No additional compensation will be allowed as a result of such suspension.

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SCHEDULE. The Bidder awarded the contract shall prepare and submit to the Construction and Maintenance Division five (5) copies of the bidder's Construction Baseline Schedule (the Schedule) within fourteen (14) calendar days after issuance of the Purchase Order. The Schedule shall show the dates on which each part or division of the work is expected to be started and completed, and shall show all submittals which constrain any work activity, allowing a minimum of twenty-one (21) calendar days for the Project Manager's review of each submittal unless a longer period of time is specified elsewhere in these contract documents. The bidder shall also submit a separate listing of all submittals required under the contract, showing when each submittal will be submitted. The work activities making up the schedule shall be of sufficient detail to assure that adequate planning has been done for the proper execution of the work and such that, in the sole judgment of the Construction and Maintenance Division it provides an appropriate basis for monitoring and evaluating the progress of the work. Submittal and approval of the schedule in accordance with the requirements of this section is a condition precedent to the receipt of any payments from the City of Los Angeles under this contract.

The schedule shall show the sequence, duration, and interdependence of activities required for the complete performance of all work. The schedule shall begin with the date of issuance of the Purchase Order and conclude with the contract completion date based on the completion time allowed in the contract.

SITE CONDITIONS. Contractor shall report to Project Manager, prior to the Bid, any adverse condition(s), which would affect the proper execution of the Contracted Work and shall not proceed until instructed by the Project Manager. Except as provided elsewhere in request for bid, failure to report any such conditions shall constitute acceptance of all site conditions, and any required removal, repair, or replacement caused by unsuitable conditions shall be performed by the Contractor at its sole cost and expense.

JOB CONDITIONS. The Contractor shall determine the nature and types of work to be performed, ascertain all conditions affecting construction procedure and sequencing of Work operations in the execution of the Work, including condition of available roads and streets, or clearances, restrictions and other limitations affecting transportation and ingress and egress to the job site. This determination must be made during the Bidding Period with any costs and impact included within the Bid.

FAMILIARITY WITH PLANS AND SPECIFICATIONS. It shall be the responsibility of the Contractor to be thoroughly familiar with all details of the Project, including the work of the Contractor's forces and all Subcontractors. The Contractor shall call the following to the attention of City of Los Angeles Harbor Department Representative in writing within twenty-four (24) hours of discovery, before any Work is performed:

- 1) Errors and omissions in the Plans and Specifications, including, but not limited to, code violations, typographical errors and notational errors where ambiguity or inadequate description exists;
- 2) Work on the Plans or in the Specifications which, if so constructed, would result in a conflict of interference with other Work or the Work of other trades, including the location of fixtures and equipment;
- 3) Existing improvements visible at the job site, for which no existing disposition is made on the Plans or in the Specifications but which could reasonably be assumed to interfere with the satisfactory completion of the improvements contemplated by the Plans and Specifications.

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Failure to notify shall constitute a waiver by the Contractor of any claim for delay or other damages occasioned by such defect. If the Contractor proceeds with the Work without instructions from the City of Los Angeles Harbor Department Representative, the incorrect Work shall be removed and corrections made to comply with the City of Los Angeles Harbor Department Representative's instructions, at no cost to the City.

ACCURACY OF PLANS AND SPECIFICATIONS. Omissions from the Plans and Specifications shall not relieve the Contractor from the responsibility of furnishing, making, or installing all items required by law or usually furnished, made, or installed in a project of the scope and character indicated by the Plans and Specifications.

The Plans show conditions as they are supposed or believed by the City of Los Angeles Harbor Department Project Manager (PM) to exist, but it is not intended or to be inferred that the conditions as shown thereon constitute a representation or warranty, expressed or implied, by the City or its officers, that such conditions are actually existent, nor shall the City, or any of its officers, be liable for any loss sustained by the Contractor as a result of any variance between conditions as shown on the Plans, and the actual conditions revealed during progress of the Work or otherwise, except as indicated in "Differing Site Conditions" of these General Conditions.

SCOPE. The work to be performed under this Contract shall consist of furnishing all tools, equipment, materials, supplies and manufactured articles, all transportation, services, including fuel, power and water, and essential communications, and the performance of all labor, Work, required calculations testing, inspections or operations, or operations required for the fulfillment of the Contract, in strict accordance with the specifications, schedules, and Plans, all of which are made a part hereof, and including such detail sketches as may be furnished by the City of Los Angeles Harbor Department Project Manager (PM) from time to time during the construction in explanation of said Plans. The Work shall be complete and all material, and services incidentals, quality or not specifically called for quality and conditions noted, in the Specifications, or not shown on the Plans, which may be necessary for complete and proper construction to carry out the Contract in good faith and a satisfactory manner shall be performed, furnished, and installed by the Contractor at no increase in cost to the City.

LENGTH OF WORKDAY AND WORK WEEK. Eight (8) hours of labor shall constitute a calendar day's work for employees of the Contractor under this Contract. Said employees shall be paid not less than the prevailing wage rate for the first eight (8) hours work of each day.

Unless noted elsewhere in the Contract documents, a working day shall be Monday through Friday, and work shall be between 7:00 a.m. and 4:00 p.m., unless otherwise approved by the City of Los Angeles Harbor Department Project Manager (PM) or the Board or revised by City Ordinance.

When work in excess of eight (8) hours per day, or forty (40) hours during any one (1) week is performed, wages for all hours over eight (8) hours in any day or over forty (40) hours during any one (1) week shall be paid at the prevailing wage rate, as required by City, state and federal requirements.

PERMITS. The Contractor shall obtain and pay for all permits necessary for performance of the Work. Within thirty (30) calendar days after the Notice to Proceed, the Contractor shall obtain and pay all costs incurred and submit to the City of Los Angeles Harbor Department Project Manager (PM) copies of all permits required for the construction and installation of all Work called for on this project.

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CONTRACTOR'S OBLIGATIONS. Only competent workers shall be employed on the Work. Any person employed who is found by the City of Los Angeles Harbor Department Project Manager (PM) to be incompetent, disorderly or otherwise objectionable, or who fails or refuses to perform Work properly, acceptably and as directed shall be immediately removed from the Work by the Contractor and not be reemployed on the Work.

If, at any time before the commencement or during the progress of the Work or any part of it, the Contractor's methods or appliances appear to the City of Los Angeles Harbor Department PM to be unsafe, inefficient, or inadequate for securing the safety of the workers, the quality of the Work required, or the rate of progress stipulated, the City of Los Angeles Harbor Department PM may order the Contractor to increase their safety and efficiency or to improve their character, and the Contractor shall comply with such orders at its own expense. Neither the making of such demands by the City of Los Angeles Harbor Department PM nor the failure to make such demands shall relieve the Contractor of its obligation to secure the safe conduct of the Work, the quality of Work required, and the rate of progress stipulated in the Contract. The Contractor shall be fully responsible for the safety, efficiency, and adequacy of its plant, appliances, and methods, and for any damage which may result from their failure or their improper construction, maintenance, or operation. Where articles or materials are especially manufactured or fabricated for delivery under these specifications, the Contractor shall at all times employ such workforce, plant, materials, and tools as will be sufficient to complete the performance of the Contract and every part thereof within the time limits stipulated herein. If the Contractor fails to employ sufficient workforce, plant, materials, tools, or to maintain adequate progress, the City of Los Angeles Harbor Department PM may require an increase in progress at any point or points or a modification of Plans and procedure in such a manner as to accelerate the Work. Failure to adequately staff the project shall be just cause for the City to terminate the Contract

CONTRACTOR'S REPRESENTATIVE AT THE SITE. A technically qualified and English-speaking project representative shall be designated in writing as the Contractor's Representative at the job site, who shall supervise the Work and shall provide competent supervision of the Work until its completion.

The City of Los Angeles Harbor Department Project Manager (PM) reserves the right to disapprove any candidate named as the Contractor's Representative or alternate who fails to meet the provisions set forth herein. The City of Los Angeles Harbor Department PM reserves the right to remove, without any right to work on the project, either the Contractor's Representative or alternate, who in the sole opinion of the City of Los Angeles Harbor Department PM, has demonstrated incompetence, lack of ability, or other unsuitability to perform supervision of the Work.

If the Contractor's Representative or alternate leave the employ of the Contractor, the Contractor will be required to replace the individual(s) and fulfill the requirements of this Article within fifteen (15) calendar days. In no event shall any Work proceed in the absence of an approved representative.

All directions given by the City of Los Angeles Harbor Department PM to said representative or alternate shall be considered as having been given to the Contractor.

WORKMANSHIP AND MATERIALS. All materials, parts and equipment furnished by the Contractor for the Work shall be new, high grade and free from defects. Materials and work quality shall be subject to the City of Los Angeles Harbor Department Project Manager (PM) approval.

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INJURY AND ILLNESS PREVENTION – SAFETY MEASURES. Safety is the responsibility of the Contractor. The Contractor shall observe and comply with the safety provisions of all applicable laws, building and construction Codes, safety and health regulations of the California Code of Regulations, and with applicable City Safety Policies.

Every employer (Prime Contractor and/or Subcontractor) employed on the Project shall establish, implement, and maintain an effective Injury and Illness Prevention Program in accordance with Section 3203 of the General Industry Safety Orders.

Each Contractor/Subcontractor shall make the applicable Injury and Illness Prevention Program specific for site conditions and type of Work to be performed on the Project.

Each prime Contractor and Subcontractor working on the Project shall make its Injury and Illness Prevention Program available to the City of Los Angeles Harbor Department Project Manager (PM) prior to beginning any Work on the Project.

If a work procedure or site condition creates an immediate hazard to the health or safety of the public, City employees, property, or a licensee, the City may suspend all work on the project. Without prior notice, the City may also correct such hazardous conditions using other forces or contractors, at the Contractor's sole expense. Any delays or impacts arising on the Work as a result of such an emergency shall be at the sole expense of the Contractor with no time extension, additional reimbursement for extended overhead, or interest on monies due, allowed for the Contractor.

First aid facilities and supplies shall be kept and maintained by the Contractor at the site of the Work.

The Contractor shall cause all persons within the construction area to wear protective helmets. In addition, all employees of the Contractor and its Subcontractors shall be provided with, and required to use, personal protective and lifesaving equipment set forth in California Construction Safety Orders and the OSHA Safety and Health Standards for Construction.

NON-CONFORMING WORK. Except as set forth in this Article, all non-conforming Work and materials, in place or not, shall be removed immediately from the site or corrected to conform to all requirements of the Contract Documents, by the Contractor, at the sole expense of the Contractor.

If the Contractor fails to remove, replace or correct any non-conforming Work or materials within seventy-two (72) hours of discovery, the City of Los Angeles Harbor Department Project Manager (PM) may cause such Work or materials to be removed and replaced. Such removal and replacement shall be at the sole expense of the Contractor with no entitlement to time extensions, additional reimbursement, extended overhead, or interest on monies due. In addition, all such cost shall be deducted from any amounts that are due or may become due to the Contractor.

Failure of the City of Los Angeles Harbor Department PM to notify the Contractor of any non-conforming Work shall not constitute acceptance of any non-conforming Work. The Contractor's obligation to remove, replace or correct any non-conforming Work, whenever discovered, shall continue to the end of the guaranty-warranty period provided for in "Guaranty-Warranty" of the General Requirements. The City reserves and retains all rights and remedies at law against the Contractor and their Surety for correction of any and all latent defects discovered after the guaranty-warranty period.

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Any delays or impacts arising on the Work as a result of construction, fabrication or delivery of non-conforming work or materials shall be at the Contractor's sole expense, with no time extension, additional reimbursement for extended overhead, or interest on monies due allowed.

Examination of covered Work may be ordered by the City of Los Angeles Harbor Department PM for any reason. The Work shall be uncovered by the Contractor and if such Work is found to be in accordance with the Contract Documents, the City will issue a Change Order authorizing payment for the cost of examination and replacement. If such Work is found to be not in conformance with the Contract Documents, the Contractor shall correct the non-conforming Work and the cost of examination and correction of the non-conforming Work shall be borne solely by the Contractor.

Failure of the Contractor to comply with the requirements of this Article shall constitute default of the Contract by the Contractor and the City may terminate the Contract as provided for in Termination of Contract by City (Contractor Default).

NOTIFICATION OF HAZARDOUS SUBSTANCES. The existing facilities or Jobsite may contain asbestos, PCBs, corrosives, carcinogens, or other hazardous materials. Should the Contractor or any of its Subcontractors, while performing Work on or in the vicinity of existing facilities, unexpectedly encounter any material identified in the California Code of Regulations, Title 8, as a hazardous material not shown on the Plans or addressed in the specifications, or have reason to believe that any other material encountered may be a hazard to human health and safety and/or the environment, the Contractor shall stop the Work, cordon off the affected area to secure entry, and shall immediately notify the City of Los Angeles Harbor Department Project Manager (PM). Removal and disposal of the hazardous material not shown on the Plans or addressed in the specifications, if the City of Los Angeles Harbor Department PM deems it necessary, will be done by and at the expense of the City. The City will provide the Contractor, upon request, with copies of Safety Data Sheets (SDS) covering hazardous materials identified by the Contractor that are encountered in existing facilities during the course of the Work and that are not removed by the City.

In the event that the Contractor is delayed in the completion of the Contract solely because of such hazardous materials or conditions not previously identified in the Contract Documents, the Contractor shall be entitled to an extension of time in accordance with "Unavoidable Delay" of these General Conditions.

For new construction Work and for all Contractor furnished supplies and equipment that may contain hazardous materials, the Contractor shall develop and implement a written Hazard Communication Program for its employees in accordance with the California Code of Regulations. The Contractor's basic written Hazard Communication Program shall be submitted to the City of Los Angeles Harbor Department PM prior to the start of Work at the site, and shall be revised and kept current as required by the continuing progress of the Work. The Contractor's Hazard Communication Program shall also include the SDS for all hazardous materials the Contractor will be using at the facility. All provisions concerning SDS for hazardous materials shall be met before the hazardous material is delivered to the site.

The City of Los Angeles Harbor Department PM shall be provided with three (3) copies of the Contractor's written Hazard Communication Program, Contractor provided SDS, and all revisions and modifications thereto.

The Contractor and Subcontractors shall comply with all State and Federal statutes and regulations on training, handling, storage, public notification, and disposal of hazardous materials and hazardous wastes.

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In the event that the Contractor or its Subcontractors spills or releases hazardous materials, the Contractor shall immediately notify the City of Los Angeles Harbor Department PM and any required agencies of the spill or release and the Contractor shall stop the Work, and cordon off the affected area to secure entry. Removal and disposal of the hazardous material, if the City of Los Angeles Harbor Department PM deems it necessary, will be done by the City at the Contractor's expense. Further, the Contractor shall notify the City of Los Angeles Harbor Department PM when hazardous materials are brought on-site and when hazardous materials and hazardous wastes are removed from the site. Hazardous Materials brought on site shall be accompanied by four (4) copies of SDS, which shall be provided to the City of Los Angeles Harbor Department PM before such materials are unloaded.

SHOP DRAWING / SUBMITTALS. The CONTRACTOR shall furnish a schedule and list of all required submittals to the City of Los Angeles Harbor Department Project Manager (PM), in accordance to CONTRACTOR'S CONSTRUCTION SCHEDULE AND REPORTS of these GENERAL REQUIREMENTS, including required submittals by all Subcontractors.

Wherever called for in these Specifications or on the plans, or where required by the City of Los Angeles Harbor Department PM, the CONTRACTOR shall furnish to the City of Los Angeles Harbor Department PM for review, ten (10) copies of each submittal. The term "submittal" as used herein shall be understood to include detail design calculations, design drawings, shop drawings, fabrication and installation drawings, erection drawings, lists, graphs, operating instructions, catalog sheets, data sheets, samples, and similar items. Unless otherwise required, said submittals shall be submitted to the City of Los Angeles Harbor Department PM at a time sufficiently early to allow review of same by the City of Los Angeles Harbor Department PM and to accommodate the rate of Construction Progress required under the Contract without delaying the Contract Work and with due regard for the possibility of resubmittals. All submittals shall be in English.

All design or shop drawings or other submittals shall be accompanied by the standard "CONTRACTOR'S SUBMITTAL TRANSMITTAL" form. This form may be obtained in quantity from the City of Los Angeles Harbor Department PM at reproduction cost. Any submittal not accompanied by such a form, or where all applicable items on the form are not completed, or are incorrectly completed, may be returned, at the City of Los Angeles Harbor Department PM discretion, for resubmittal.

Shop Drawings shall show in detail the size, sections, and dimensions of all the member(s); the arrangement and construction of all connections and joints; all holes, straps, and other fittings required for attaching work and other pertinent details. When required, engineering computations shall be submitted. The CONTRACTOR shall be responsible for delivering reviewed copies of shop Drawings to all others whose work is dependent thereon. The CONTRACTOR shall maintain at the site of the Project, at all times, a complete file of approved Shop Drawings and manufacturers' data for this Project.

All CONTRACTOR submittals shall be carefully reviewed by an authorized representative of the CONTRACTOR prior to submission to the City of Los Angeles Harbor Department PM. Each submittal shall be dated, signed, and certified by the CONTRACTOR as being correct and in strict conformance with the Contract Documents. No consideration for review by the City of Los Angeles Harbor Department PM of any CONTRACTOR'S submittal will be made for any items which have not been so certified by the CONTRACTOR. All noncertified submittals will be returned to the CONTRACTOR without action taken by the City of Los Angeles Harbor Department PM, and any delays caused thereby shall be the total responsibility of the CONTRACTOR.

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The City of Los Angeles Harbor Department PM review of CONTRACTOR'S submittal shall not relieve the CONTRACTOR of the entire responsibility for the correctness of details and dimensions and conformance to the Specifications. The CONTRACTOR shall assume all responsibility and risk for any misfits due to any errors in the submittal. Any fabrication or other work performed in advance of the receipt of accepted submittals shall be entirely at the CONTRACTOR'S risk and expense. The CONTRACTOR shall be responsible for the dimensions and the design of adequate connections and details.

CONTRACTOR'S Submittals: CONTRACTOR'S submittals required for performance of Contracted Work, shall include, but are not limited to, the following:

Contract Price (Cost Breakdown)

Construction Schedule and Notification to City of Los Angeles Harbor Department PM of completion of each milestone or percentage increment of the Work as required.

Submittal Schedule

Daily Construction Reports

Shop Drawings and Structural Calculations.

Manufacturer's Data and Specifications.

Samples

Templates

Certificate of Compliance

Construction Photographs

Substitutions

Record Drawings and Record Project Manual

Operation & Maintenance Manuals

Stock Materials, Spare parts, tools

Material Testing Results

Daily Statements of cost-plus percentage Change Order

[Survey grade sheets]

Copies of Notice-To-Correction or Notice of Non-Compliance from governing authorities.

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Maintenance Logs and Maintenance Schedule.

Administrative Submittals include, but are not limited to the following:

Permits

Request for Payments

Performance and Payment Bonds

Insurance Certificates

List of Subcontractors and proof of qualifications

Hazardous Communication Program.

Certified weekly payroll records.

Ethnic Composition of Work Force Report.

Third Party Testing Agency

CONTRACTOR shall conform to the provisions of the Contract Document and as may be specifically directed by the Consultant or the City of Los Angeles Harbor Department PM.

Preparation and processing of submittals shall be coordinated with Contracted Work operations, which includes fabrication, purchasing and delivery of work items so as not to delay Contracted Work operations.

In each copy of the Submittal, mark every applicable material, product, equipment, manufacturer's data, product information, color samples, rating or values, part and model numbers, etc. by red color circle. Each of the submittal items must be clearly distinguishable from other unrelated or similar items listed in the Manufacturer's Catalog or Technical Specifications, Manuals, etc.

Coordination and Submittals:

Carefully review and coordinate all aspects of each item being submitted.

Carefully review contract drawings and technical sections, verify all work as laid out or indicated meeting the applicable codes and standards.

Ensure ample time for reviewing and processing of the submittals by the CITY or other authorized agencies, delays resulting from improper and untimely submittals shall be the responsibility of the CONTRACTOR.

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Verify all site conditions and provide all required dimensions and measurements in Shop Drawings.

Where necessary, review the CITY'S comments, make changes and resubmit to local governing agencies for approval. Furnish the City of Los Angeles Harbor Department PM copies of the approved plans or drawings for review.

TECHNICAL CORRECTIONS. The Executive Director or designee is authorized to make minor technical corrections or clarifications in order to effectuate the intent of this contract/bid.

QUALIFICATIONS AND REFERENCES

Provide a narrative describing your company's qualifications to perform the project work, including past (relevant) experience and at least three client references, with contact names and information. Include information regarding your company's experience involving the size and level of complexity of the proposed project/contract.

Why are you qualified?

30 years experience in CNG installations. Installed over 50 CNG sites throughout North America.

Reference #1

Company Name: STV Energy Services
Contact Person: Jim Dong
Contact Phone: (510) 350-0080
Contact E-mail: jim.dong@stvinc.com

Reference #2

Company Name: Marathon Technical Services
Contact Person: Rob Adams
Contact Phone: (519) 699-9250
Contact E-mail: radams@marathontech.ca

Reference #3

Company Name: Stantec Engineering
Contact Person: Reb Guthrie
Contact Phone: (213) 955-3504
Contact E-mail: reb.guthrie@stantec.com

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DELIVERY

DELIVERY. Delivery and installation is requested within (14) weeks after vendor receives order. If this time cannot be met, show in the space provided on the Bid Sheet the best delivery time you can guarantee. The Harbor Department reserves the right to make award based on delivery time quoted.

DELIVERY POINT. Prices to include all delivery charges, F.O.B. Port of Los Angeles, Construction & Maintenance Division, Warehouse, Berth 161, 500 Pier A Street, Wilmington, CA 90744.

FINANCIAL TERMS

BILLING DISCOUNT TERMS. Billing Discount terms offering 20 days or more will be considered in making evaluation for award.

SALES TAXES. Do not include Sales Taxes in your Bid. Sales Taxes will be added at time of order.

SALES TAX PERMIT. Vendor's California State Board of Equalization Permit No. required to collect California State Sales Tax. Permit Number: _____.

FEDERAL EXCISE TAX. The City of Los Angeles Harbor Department is exempt from payment of Federal Excise Taxes, and will furnish vendor with a Tax Exemption Certificate. **PRICING NOT TO INCLUDE ANY FEDERAL EXCISE TAX.**

VENDOR PAYMENT. Please note: Vendor name and address must be submitted exactly as it will appear on the invoice. If invoice remit to (remittance) name and address are different from the bid name and address, please indicate:

REMIT TO: NAME: Process Group America

ADDRESS: 555 Conestoga Blvd., Cambridge, ON Canada N1R7P6

Invoices submitted for payment where the invoice name and address does not match the name as it appears on the purchase order or as indicated in the space above, will not be processed and will be returned to the vendor.

TIME AND MATERIALS WITH NO FIXED FEE. All invoices with payments for time and materials must be supported by time sheets.

NOTE: Those invoices with fixed fee rates do not require time sheets.

BUSINESS TAX REGISTRATION CERTIFICATE (BTRC). In accordance with the City of Los Angeles Municipal Code, a Business Tax Registration Certificate may be required of persons engaged in business activity within the City. The Office of Finance, Tax and Permit Division, (844) 663-4411, has sole authority in determining a firm's tax requirements and in issuing Business Tax Registration Certificates or Business Tax Exemption Numbers. Accordingly, firm's current Business Tax Registration Certificate or Business Tax Exemption Number must be clearly shown on all invoices submitted for payment. Bidder, in submitting this

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bid, acknowledges and accepts the above requirements and recognizes that no invoice will be processed for payment without inclusion of the Business Tax Registration Certificate or Business Tax Exemption Number.

BTRC/BTRC Exemption Number: _____.

TAXPAYER IDENTIFICATION NUMBER. Contractor declares that it has an authorized Taxpayer Identification Number (TIN), which must be indicated on all invoices. No payments will be made under this agreement without a valid TIN number.

SELECTED BIDDER SHALL PROVIDE A COPY OF THE COMPANY'S W-9 FORM.

THERE IS A CALIFORNIA STATE TAX WITHHOLDING REQUIREMENT FOR OUT-OF-STATE VENDORS. IF THE W-9 FORM INDICATES AN ADDRESS OUTSIDE OF CALIFORNIA, A TAX WITHHOLDING FORM SHALL BE REQUIRED.

GENERAL RULES AND REGULATIONS

ETHICS. Persons who submit a response to this solicitation (bidders) are subject to Charter section 470(c)(12) and related ordinances. As a result, bidders may not make campaign contributions to and or engage in fundraising for certain elected City officials or candidates for elected City office from the time they submit the response until either the contract is approved or, for successful bidders, 12 months after the contract is signed. The bidder's principals and subcontractors performing \$100,000 or more in work on the contract, as well as the principals of those subcontractors, are also subject to the same limitations on campaign contributions and fundraising.

Bidders must submit CEC Form 55 to the awarding authority at the same time the response is submitted. The forms require bidders to identify their principals, their subcontractors performing \$100,000 or more in work on the contract, and the principals of those subcontractors. Bidders must also notify their principals and subcontractors in writing of the restrictions and include the notice in contracts with subcontractors. Responses submitted without completed CEC Form 55 shall be deemed nonresponsive. Bidders who fail to comply with City law may be subject to penalties, termination of contract, and debarment. Additional information regarding these restrictions and requirements may be obtained from the City Ethics Commission at (213) 978-1960 or ethics.lacity.org.

LOCAL BUSINESS PREFERENCE PROGRAM. The Harbor Department is committed to maximizing opportunities for local and regional businesses, as well as encouraging local and regional businesses to locate and operate within the Southern California region. It is the policy of the Harbor Department to support an increase in local and regional jobs. The Harbor Department's Local Business Preference Program (LBPP) aims to benefit the Southern California region by increasing jobs and expenditures within the local and regional private sector.

Vendors who qualify as a Local Business Enterprise (LBE) will receive an 8% preference on any bid for goods, materials, supplies, and related services valued in excess of \$150,000. The preference will be applied by calculating the bidder's price at 8% less than the quoted price. The Harbor Department will use the applied preference for bid tabulation only. Actual amount paid to the lowest bidder will be the price quoted by the lowest bidder meeting specifications.

FORMAL REQUEST FOR BID

CITY OF LOS ANGELES
HARBOR DEPARTMENT

BID NO. F-1163
(SHOW THIS NUMBER ON ENVELOPE)

BID DUE BEFORE 2:00 PM ON: April 18, 2023

The Harbor Department defines a LBE as:

- (a) A business headquartered within Los Angeles, Orange, Riverside, San Bernardino, or Ventura Counties. Headquartered shall mean that the business physically conducts and manages all of its operations from a location in the above-named counties; or
- (b) A business that has at least 50 full-time employees, or 25 full-time employees for specialty marine contracting firms, working in Los Angeles, Orange, Riverside, San Bernardino, or Ventura Counties.

In order for Harbor Department staff to determine the appropriate LBE preference, Bidder shall complete, sign, notarize and submit the attached Affidavit and Bidder Description Form. The Affidavit and Bidder Description Form will signify the LBE status of the Bidder and subcontractors.

In the event of Bidder's noncompliance during the performance of the Contract, Bidder shall be considered in material breach of contract. In addition to any other remedy available to City under this Contract or by operation of law, the City may withhold invoice payments to Bidder until noncompliance is corrected, and assess the costs of City's audit of books and records of Bidder and its subcontractors. In the event the Bidder falsifies or misrepresents information contained in any form or other willful noncompliance as determined by City, City may disqualify the Bidder from participation in City contracts for a period of up to five (5) years.

MINORITY, WOMEN, AND OTHER BUSINESS ENTERPRISE (MBE/WBE/OBE). It is the policy of the Los Angeles Harbor Department to provide minority (MBE), women (WBE) and all other (OBE) business enterprises an equal opportunity to participate in the performance of all Harbor Department contracts. Such opportunities have resulted in combined M/WBE participation of over 20%. Bidders are encouraged to continue assisting the Department in implementing this policy by taking all reasonable steps to ensure that all available business enterprises have an equal opportunity to compete for and participate in Department contracts. All bidders are encouraged to reach out to M/W/OBEs when opportunities are available.

EQUAL BENEFITS POLICY. The Board of Harbor Commissioner of the City of Los Angeles adopted Resolution No. 6328 on January 12, 2005, agreeing to adopt the provisions of Los Angeles City Ordinance 172,908, as amended, relating to Equal Benefits (Section 10.8.2 et seq. of the Los Angeles Administrative Code) as a policy of the Harbor Department. Bidder shall comply with the policy whenever applicable. Violation of the policy shall entitle the City to terminate any agreement with Bidder and pursue any or all other legal remedies that may be available.

STORM WATER POLLUTION PREVENTION PLAN, SWPPP. All work performed under any resulting contract within the Port of Los Angeles, as applicable, must be in accordance with the California Storm Water Best Management Practices (BMP) Handbooks. These practices prohibit the placement of any waste material resulting from the contractor's performance of work into the storm drain system as required by the City of Los Angeles Storm Water Pollution Prevention Plan (SWPPP) for Public Agency Activities. A copy of the BMP Handbooks for 1) Construction 2) Industrial/Commercial and 3) Municipal Activities are available for review in the office of the Director of Environmental Management, 222 W. Sixth Street, 9th Floor, Topaz Building, San Pedro, California 90731.

ENVIRONMENTAL MANAGEMENT SYSTEM

The Los Angeles Harbor Department (Port) is committed to managing resources and conducting Port development and operations in both an environmentally and fiscally responsible manner. The Port will strive

FORMAL REQUEST FOR BID

**CITY OF LOS ANGELES
HARBOR DEPARTMENT**

BID NO. F-1163
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to improve the quality of life and minimize the impacts of its development and operations on the environment and surrounding communities through the continuous improvement of its environmental performance and the implementation of pollution prevention measures, in a feasible and cost effective manner that is consistent with the Port’s overall mission and goals, as well as with those of its customers and the community. To ensure this policy is successfully implemented the Port will develop an environmental management program that will:

1. Ensure this environmental policy is communicated to Port staff, its customers, and the community;
2. Ensure compliance with all applicable environmental laws and regulations;
3. Ensure environmental considerations are included in planning, property, financial, developmental, and operational decisions, including feasible and cost effective options for exceeding applicable requirements;
4. Define and establish environmental objectives, targets, and best management practices and monitor performance;
5. Ensure the Port maintains a Customer Outreach Program to address common environmental issues; and
6. Fulfill the responsibilities of each generation as trustee of the environment for succeeding generations through environmental awareness and communication with employees, customers, regulatory agencies, and neighboring communities.

The Port is committed to the spirit and intent of this policy and the laws, rules and regulations, which give it foundation.

COMPLIANCE WITH LAWS. Vendor shall comply with all applicable Ordinances, laws, Rules and Regulations of the City and of any County, State or Federal Government, or subdivision thereof. This applies even though such requirements may not be specifically mentioned in the Specifications or shown on the Plans.

DEFAULT BY SUPPLIER. In case of default by Vendor, the City reserves the right to procure the articles or services from other sources and to hold the vendor responsible for any excess costs occasioned to the City thereby.

TECHNICAL CORRECTIONS. The Executive Director or designee is authorized to make minor technical corrections or clarifications in order to effectuate the intent of this contract/bid.

SPECIAL NOTE. If you are not bidding, please state reason for not bidding and return bid to the Purchasing Office:

FORMAL REQUEST FOR BID

CITY OF LOS ANGELES
HARBOR DEPARTMENT

BID NO. F-1163
(SHOW THIS NUMBER ON ENVELOPE)

BID DUE BEFORE 2:00 PM ON: April 18, 2023

GENERAL CONDITIONS READ CAREFULLY

- 1. FORM OF BID AND SIGNATURE.** The Bid must be made on this form only, and is limited to the Terms and Conditions contained herein, unless expressly agreed otherwise in writing by the City. No telephonic or facsimile bid is acceptable, unless otherwise indicated. Bid should be enclosed in a sealed envelope, showing the Bid No. in the lower left corner, and addressed to the Port of Los Angeles Contracts and Purchasing Division, 500 Pier "A" Street, Wilmington, CA 90744. Bids must be signed with the firm's corporate name or DBA and by a responsible officer or authorized employee. In case of error in extension of prices, unit price will govern. All prices must be firm unless the specification provides for adjustment.
- 2. TAXES:** Do not include any Sales or Federal Excise Tax in prices unless the specifications specifically require that they be included. Sales tax will be added by the City at time of award. The City will furnish Federal Excise Tax Exemption Certificate to Supplier. Any other taxes must be included in bid prices.
- 3. SPECIFICATION CHANGES.** Vendor may request in writing that specifications be modified if its provisions restrict vendor from bidding. Such request must be received by the Director of Purchasing at least five (5) working days before bid opening date. All vendors will be notified by Addendum of any approved changes in the specifications.
- 4. BRAND NAMES AND SPECIFICATIONS.** The detailed specifications and/or brand name references are descriptive and indicate quality, design, and construction of items required. Offers will be considered to supply articles substantially the same as those described therein but with minor variations. Vendor must describe variations in their Bid.
- 5. AWARD OF CONTRACT.** Bid shall be subject to acceptance by the City for a period of three (3) months unless a lesser period is prescribed in the quotation by the vendor. The City may make combined award of all items complete to one vendor or may award separate items to various vendors. Vendors may submit alternate prices, a lump sum or a discount conditional on receiving an award for two or more items. The right is reserved to reject any, or all, bids and to waive informality in bids.
- 6. PURCHASE AGREEMENT.** A copy of the Bid, Specifications and General Conditions will remain on file in the Purchasing Office. All material or services supplied by the Contractor shall conform to the applicable requirements of the City Charter, City Ordinances, and all applicable State and Federal Laws, as well as conforming to the Specifications, Terms and Conditions contained herein.
- 7. PRICE GUARANTEE.** If during the term of any agreement awarded pursuant to this Bid, the supplier sells the same materials or services under similar quantity and delivery conditions, at prices below those stated herein, such lower prices are to immediately be extended to the City.
- 8. DEFAULT BY SUPPLIER.** In case of default by supplier, the City reserves the right to procure the articles or services from other sources and to hold the supplier responsible for any excess costs incurred by the City.
- 9. DELIVERY:** If delivery of the commodity or service cannot be made exactly as specified and at the price shown, notify the Director of Contracts and Purchasing immediately. Do not make delivery without his approval. Any correspondence, other than invoices, relating to this order must be sent to the Director of Contracts and Purchasing.
- 10. INSPECTION:** All materials furnished on this order will be subject to test and inspection and, if rejected, will be held subject to order of shipper and subject to accrued charges.
- 11. INVOICING:** The point of free delivery, terms, contract number, name and address of department must appear on all invoices.

All materials must be marked and tagged with the Contract number and be accompanied by packing list in detail. Material must be packed and shipped in conformity with tariff or classification requirements.

Prices on the contract include delivery to the division within building unless otherwise specified on the contract.

Prepaid charges for transportation must be accompanied by original expense bill marked paid and is not subject to transportation tax, due to the exemption permitted

municipalities as indicated.

Materials shall be listed separately on invoices covering repairs or installation service. The Harbor Department will not be responsible for services, materials, or supplies furnished without prior authorization from the Director of Contracts and Purchasing.

This contract must not be assigned or transferred to anyone without the written approval of the Director of Contracts and Purchasing.

Discount period to be computed from date of receipt of invoice, or complete acceptance of goods or services, whichever is the later date.

In case of delay of payment beyond 30 days after acceptance of goods or services or date of invoice, whichever is later, please write the Harbor Department Accounting Section giving the contract number, stating to which division and on what date delivery was made.

Harbor Department may pay on partial deliveries, but right is reserved by the Director of Contracts and Purchasing to require complete delivery before payment.

- 12. TIME AND MATERIALS WITH NO FIXED FEES:** ALL INVOICES WITH PAYMENTS FOR TIME AND MATERIALS MUST BE SUPPORTED / BACKED UP BY TIME SHEETS.
NOTE: THOSE INVOICES WITH FIXED FEE RATES DO NOT REQUIRE TIME SHEETS.
- 13. CITY OF LOS ANGELES MUNICIPAL CODE:** All items must meet the requirements of the City of Los Angeles Municipal Code.
- 14. PAYMENTS.** Payment terms are NET 30 days unless vendor quotes otherwise. Cash discounts allowing less than 20 days or 20th Proxima will not be considered by the City when evaluating Bids. All Cash Discounts are computed from the date of delivery in full or completion and acceptance of the work or material, or from date of receipt of invoice, whichever is latest. Partial payments may be made by the City on delivery and acceptance of goods and on receipt of vendor's invoice. Invoices must be submitted as specified on the Purchase Order or Notice to Proceed.
- 15. ASSIGNMENT.** The supplier shall not assign or transfer by operation of law any obligation without the prior written consent of the Director of Contracts and Purchasing.
- 16. NONDISCRIMINATION.** During the performance of this contract, the contractor shall not discriminate in employment practices against any employee or applicant for employment because of the employee's race, religion, national origin, ancestry, sex, sexual orientation, age, disability, marital status, domestic partner status or medical condition, in accordance with L.A. Admin. Code Sections 10.8 to 10.13, whose provisions are incorporated herein. All subcontracts awarded under any such contract shall contain a like nondiscrimination provision.
- 17. SAFETY APPROVAL.** Articles supplied under this contract will not be accepted unless they comply with current safety regulations of the City Department of Building and Safety, U.L., the Safety Orders of the California Division of Occupation Safety and Health (CalOSHA) and OSHA requirements.
- 18. PREVAILING WAGES.** Where labor is required for public work as a part of this contract, pursuant to the provisions of the Labor Code of the State of California, contractor shall pay no less than the general prevailing wages for the area as determined by the Director of the Department of Industrial Relations, State of California. Copy of wage schedule is obtainable from the Office of the Board of Public Works, City Hall, Los Angeles.
- 19. CONTRACTOR'S LIABILITY.** The contractor agrees to, at all times, relieve, protect, save harmless, and fully indemnify the City of Los Angeles, its officers, agents and employees from any and all liability whatsoever that may arise or be claimed by reason of any acts of said contractor, contractor's employees and agents, in connection with the work to be performed under the contract.

FORMAL REQUEST FOR COOPERATIVE AGREEMENT

**CITY OF LOS ANGELES
HARBOR DEPARTMENT**

BID NO. F-1163
(SHOW THIS NUMBER ON ENVELOPE)

BID DUE BEFORE 2:00 PM ON: April 18, 2023

20. **PATENT RIGHTS.** The person, firm, or corporation, upon whom this order is drawn, does, in case the materials or supplies to be furnished are covered wholly or in part by U.S. Letters Patent, by the acceptance of this order agrees to indemnify and hold the City of Los Angeles harmless from any and all injuries or damage which the City may sustain by reason of the sale to or use by it of such materials or supplies and arising out of the alleged or actual infringement of said letters patent.
21. **LEGAL JUSTIFICATION.** This agreement shall be deemed entered into in Los Angeles, California, and shall be governed and construed in accordance with the laws of the State of California.
22. **TERMINATION FOR NON-APPROPRIATION.** The Harbor Department of the City of Los Angeles' (City's) obligation to pay any amount hereunder, for any City fiscal year after the current fiscal year is contingent upon City's appropriation of funds for that purpose. The City's fiscal year ends on June 30th of each calendar year. Accordingly, anything to the contrary notwithstanding, the City may terminate this contract and future monetary obligations hereunder as of the end of any fiscal year.
23. **CANCELLATION.** The contract may be terminated in whole or in part by the Harbor Department of the City of Los Angeles (City) for its convenience, without penalty, provided that the Vendor is given not less than 30 days written notice (delivered by certified mail, return receipt requested) of the intent to terminate. The City will pay for that portion of the orders fulfilled or work performed. The City has the right to cancel the contract for cause at any time.

THE END

No. 285 Rev. 07/15-116



Harrison Rees

317-324-6905

hrees@processgroupamerica.com

619 778 9060

Process Group America Inc.

Head Office

1300 Capitol Drive, Unit 108. Oconomowoc, WI 53066

Tel (519) 622-5520 • 1-800-308-3079 • Fax (519) 622-5852

Toronto (416) 283-3034 • Kingston (613) 548-1793

processgroupamerica.com

AFFIDAVIT OF COMPANY STATUS

"The undersigned declares under penalty of perjury pursuant to the laws of the State of California that the following information is true and correct and includes all material information necessary to identify and explain the operations of

Process Group America

Name of Firm

as well as the ownership and location thereof. Further, the undersigned agrees to provide complete and accurate information regarding ownership in the named firm, any proposed changes of the ownership and to permit the audit and examination of firm ownership documents in association with this contract."

Local Business Preference Program: Please indicate the Local Business Enterprise status of your company. Only one box must be checked:

LBE Non-LBE

- A Local Business Enterprise (LBE) is: (a) a business headquartered within Los Angeles, Orange, Riverside, San Bernardino, or Ventura Counties; or (b) a business that has at least 50 full-time employees, or 25 full-time employees for specialty marine contracting firms, working in Los Angeles, Orange, Riverside, San Bernardino, or Ventura Counties. "Headquartered" shall mean that the business physically conducts and manages all of its operations from a location in the above-named counties.
- A Non-LBE is any business that does not meet the definition of a LBE.

Signature: Harrison Rees

Title: Mechanical Manager

Printed Name: Harrison Rees

Date Signed: April 17, 2023

Contractor Description Form

PRIME CONTRACTOR:Contract Title: F-1163 FURNISH AND INSTALL CNG COMPRESSOR SYSTEM (REBID OF BID F-1141)Business Name: Process Group America Award Total: \$ 748,493.00Local Business Enterprise: YES _____ NO (Check only one)Address: 555 Conestoga Blvd.City/State/Zip: Cambridge, ON N1R7P6County: WaterlooTelephone: (619) 778-9060 FAX: () N/AContact Person/Title: Harrison Rees, Mechanical ManagerEmail Address: hrees@processgroupamerica.com**SUBCONTRACTOR:**

Business Name: _____ Award Total: \$ _____

Services to be provided: _____

Local Business Enterprise: YES _____ NO _____ (Check only one)

Address: _____

City/State/Zip: _____

County: _____

Telephone: () _____ FAX: () _____

Contact Person/Title: _____

Email Address: _____

SUBCONTRACTOR:

Business Name: _____ Award Total: \$ _____

Services to be provided: _____

Local Business Enterprise: YES _____ NO _____ (Check only one)

Address: _____

City/State/Zip: _____

County: _____

Telephone: () _____ FAX: () _____

Contact Person/Title: _____

Email Address: _____

SUBCONTRACTOR:

Business Name: _____ Award Total: \$ _____

Services to be provided: _____

Local Business Enterprise: YES _____ NO _____ (Check only one)

Address: _____

City/State/Zip: _____

County: _____

Telephone: () _____ FAX: () _____

Contact Person/Title: _____

Email Address: _____

SUBCONTRACTOR:

Business Name: _____ Award Total: \$ _____

Services to be provided: _____

Local Business Enterprise: YES _____ NO _____ (Check only one)

Address: _____

City/State/Zip: _____

County: _____

Telephone: () _____ FAX: () _____

Contact Person/Title: _____

Email Address: _____

Prohibited Contributors (Bidders)

This form must be completed in its entirety and submitted with your bid or proposal to the City department that is awarding the contract. Failure to submit a completed form may affect your bid or proposal. If you have questions about this form, please contact the Ethics Commission at (213) 978-1960.

Original Filing **Amendment:** Date of Signed Original _____ Date of Last Amendment _____

Reference Number (Bid, Contract, or BAVN): F-1163 Date Bid Submitted: April 17, 2023

Contract Description (Title of the RFP or City contract solicitation and description of the services to be provided):
FURNISH AND INSTALL CNG COMPRESSOR SYSTEM (REBID OF BID F-1141)

Awarding Authority (Department awarding the contract): Port of Los Angeles

Bidder Name: Process Group

Bidder Address: 322 West Park Ave., San Ysidro, CA 92173

Bidder Email Address: hrees@processgroupamerica.com Bidder Phone Number: (619) 778-9060

Schedule Summary

Please complete all three of the following:

- | | | |
|---|--|---|
| <p>1. SCHEDULE A – Bidder's Principals (check one)
The bidder has one or more PRINCIPALS, as defined in LAMC § 49.7.35(A)(6).
At least one principal is required for entities. (If you check "Yes", Schedule A is required.)</p> | <p>Yes
<input checked="" type="checkbox"/></p> | <p>No
<input type="checkbox"/></p> |
| <p>2. SCHEDULE B – Subcontractors and Their Principals (check one)
The bidder has one or more SUBCONTRACTORS on this bid or proposal with
subcontracts worth \$100,000 or more. (If you check "Yes", Schedule B is required.)</p> | <p>Yes
<input type="checkbox"/></p> | <p>No
<input checked="" type="checkbox"/></p> |
| <p>3. TOTAL NUMBER OF PAGES SUBMITTED (including this cover page): _____</p> | | |

Certification

I certify the following under penalty of perjury under the laws of the City of Los Angeles and the state of California:
A) I understand, will comply with, and have notified my principals and subcontractors of the requirements and restrictions in Los Angeles City Charter § 470(c)(12) and any related ordinances; B) I understand that I must amend this form within ten business days if any information changes; C) I am the bidder named above or I am authorized to represent the bidder named above, and my name appears below; and D) The information provided in this form is true and complete to the best of my knowledge and belief.

Harrison Rees

Name

Mechanical Manager

Title


Signature

April 17, 2023

Date

Prohibited Contributors (Bidders)

Schedule A - Bidder's Principals

Please identify the names and titles of all the bidder's principals (attach additional sheets if necessary). Principals include a bidder's board chair, president, chief executive officer, chief operating officer, and individuals who serve in the functional equivalent of one or more of those positions. Principals also include individuals who hold an ownership interest in the bidder of at least 20 percent and employees of the bidder who are authorized by the bid or proposal to represent the bidder before the City.

Name: Jeff Snyder Title: President
 Address: 555 Conestoga Blvd., Cambridge, ON Canada N1R7P6

Name: Bryan Snyder Title: Vice President
 Address: 555 Conestoga Blvd., Cambridge, ON Canada N1R7P6

Name: _____ Title: _____
 Address: _____

Name: _____ Title: _____
 Address: _____

Name: _____ Title: _____
 Address: _____

Name: _____ Title: _____
 Address: _____

Name: _____ Title: _____
 Address: _____

Name: _____ Title: _____
 Address: _____

Name: _____ Title: _____
 Address: _____

Check this box if additional Schedule A pages are attached.

Schedule B - Subcontractors and Their Principals

Please identify all subcontractors whose subcontracts are worth \$100,000 or more. Separate Schedule B pages are required for each subcontractor who meets the threshold.

Subcontractor's Name
Subcontractor's Address

Please check one of the following options:

This subcontractor has one or more principals. Yes* No

** Each principal's name and title must be identified below. Attach additional sheets if necessary. Principals include a subcontractor's board chair, president, chief executive officer, chief operating officer, and individuals who serve in the functional equivalent of one or more of those positions. Principals also include individuals who hold an ownership interest in the subcontractor of at least 20 percent and employees of the subcontractor who are authorized by the bid or proposal to represent the subcontractor before the City.*

Name: _____ Title: _____
Address: _____

Name: _____ Title: _____
Address: _____

Name: _____ Title: _____
Address: _____

Name: _____ Title: _____
Address: _____

Name: _____ Title: _____
Address: _____

Name: _____ Title: _____
Address: _____

Check this box if additional Schedule B pages are attached.

WARRANTY

RECIPROCATING COMPRESSOR PRODUCTS

BAUER COMPRESSORS, INC. warrants that this product conforms to applicable drawings and specifications approved in writing by BAUER COMPRESSORS, INC. The compressor system and other BAUER manufactured components are warranted to be free of defects in both material and workmanship for a period of two (2) years commencing from the earlier of (1) the date of commissioning; or (2) six (6) months from the date of shipment from BAUER, with proof of proper maintenance being completed in accordance with published BAUER factory recommendations. Start-up/warranty registration forms are to be on file at BAUER COMPRESSORS, INC. within **ninety days** from date of start-up. **If such registration forms are not received within the ninety day period, any warranty claims will be denied.** If, within such warranty period, BAUER COMPRESSORS, INC. receives from the Buyer written notice of any alleged defect in or non-conformance of the product, and if in the judgment of BAUER COMPRESSORS, INC. the product does not conform or is found to be defective in material or workmanship, BAUER COMPRESSORS, INC. will, at its option, either:

- (a) upon return of the component F.O.B. to BAUER COMPRESSORS, INC. plant in Norfolk, Virginia, the part will be repaired or replaced, or credit issued (defective material must be shipped within 30 days of receipt of authorized return instructions), with return freight charges to be paid by the customer, or
- (b) furnish a service representative to correct the defective workmanship. Deterioration or wear occasioned by chemical and/or abrasive action, excessive heat or abuse shall not constitute defects. (Other warranty details, exclusions and limitations are set forth in BAUER COMPRESSORS, INC.'s Conditions of Sale.)

The sole responsibility of BAUER COMPRESSORS, INC. and Buyer's exclusive remedy hereunder is limited to such repair, replacement or repayment of the purchase price. Component parts or assemblies not manufactured by BAUER COMPRESSORS, INC. are warranted only to the extent that they are warranted by the original manufacturer. BAUER COMPRESSORS, INC. shall have no responsibility for any cost or expense incurred by Buyer due to the inability of BAUER COMPRESSORS, INC. to repair under said warranty when such inability is beyond the control of BAUER COMPRESSORS, INC. or is caused solely by the Buyer.

If it is necessary to claim against this warranty, Buyer will be required to have a service record book showing that regular maintenance work has been carried out utilizing genuine BAUER components and that damage has not been caused by insufficient maintenance. The company's representative may require proof of maintenance prior to rendering any decision on the validity of a warranty request.

THERE ARE NO OTHER WARRANTIES, EXPRESSED, STATUTORY OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY AND/OR FITNESS FOR PURPOSE; NOR ANY AFFIRMATION OF FACT OR REPRESENTATION WHICH EXTENDS BEYOND THE DESCRIPTION ON THE FACE HEREOF.

This warranty shall be void and BAUER COMPRESSORS, INC. shall have no responsibility to repair, replace, or repay the purchase price of defective or damaged parts or components resulting directly or indirectly from the use of repair or replacement parts, including filter and separator elements or oil, not manufactured or approved by BAUER COMPRESSORS, INC. or from Buyers failure to store, maintain, and operate the product according to recommendations contained in the INSTRUCTION MANUAL AND REPLACEMENT PARTS LIST included with your order, and standard engineering practices.

BAUER COMPRESSORS, INC.
1328 Azalea Garden Road, Norfolk Virginia 23502
Phone: (757) 855-6006 Telefax (757) 855-8654



PROCGRO-01

JEANNIEHOGAN

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

11/9/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER NFP Property & Casualty Services, Inc. 159 Wolf Road Suite 200 Albany, NY 12205	CONTACT NAME: PHONE (A/C, No, Ext): (518) 244-4245		FAX (A/C, No): (518) 244-4262	
	E-MAIL ADDRESS:			
INSURED Process Group America, Inc. 555 Conestoga Blvd Cambridge, ON N1R 7P5 CANADA	INSURER(S) AFFORDING COVERAGE		NAIC #	
	INSURER A: Milford Casualty Insurance Company		26662	
	INSURER B:			
	INSURER C:			
	INSURER D:			
	INSURER E:			
INSURER F:				

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMPIOP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input type="checkbox"/>	N/A	MWC1033580	12H/2021	12M/2022	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER Los Angeles Harbor Department Purchasing Office 1st Floor 500 Pier Street Wilmington, CA 90744	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
--	--

CERTIFICATE OF INSURANCE

ISSUE DATE (MM/DD/YY)
11/09/2022

BROKER



Cowan Insurance Group Ltd.
105 Main Street East, Suite 602
Hamilton, ON L8N 1G6

This certificate is issued as a matter of information only and confers no rights upon the certificate holder. This certificate does not amend, extend or alter the coverage afforded by the policies below.

Company A	Aviva Insurance Company of Canada
Company B	Certain Lloyds Underwriters through Miller Insurance
Company C	
Company D	
Company E	

INSURED'S FULL NAME AND MAILING ADDRESS

Process Group Inc
555 Conestoga Boulevard
Cambridge, ON N1R7P5
Canada

COVERAGES

This is to certify that the policies of insurance listed below have been issued to the insured named above for the policy period indicated, not withstanding any requirement, term or condition of any contract or other document with respect to which this certificate may be issued or may pertain. The insurance afforded by the policies described herein is subject to all the terms, exclusions and conditions of such policies. Limits shown may have been reduced by paid claims.

TYPE OF INSURANCE	CO LTR	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS OF LIABILITY (Canadian dollars unless indicated otherwise)	
COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCURRENCE <input checked="" type="checkbox"/> PRODUCTS AND/OR COMPLETED OPERATIONS <input checked="" type="checkbox"/> PERSONAL INJURY <input checked="" type="checkbox"/> EMPLOYER'S LIABILITY <input checked="" type="checkbox"/> TENANT'S LEGAL LIABILITY <input checked="" type="checkbox"/> NON-OWNED AUTOMOBILE <input checked="" type="checkbox"/> HIRED AUTOMOBILE	B	UMR-B0621CPROC000720	09/30/2022	09/30/2023	EACH OCCURRENCE	\$ 10,000,000
					GENERAL AGGREGATE	\$ 10,000,000
					PRODUCTS - COMP/OP AGGREGATE	\$ 10,000,000
					PERSONAL INJURY	\$ 10,000,000
					EMPLOYER'S LIABILITY	\$ 2,000,000
					TENANT'S LEGAL LIABILITY	\$ 450,000
					NON-OWNED AUTOMOBILE	\$ 10,000,000
					HIRED AUTOMOBILE	\$ 50,000
AUTOMOBILE LIABILITY <input type="checkbox"/> DESCRIBED AUTOMOBILES <input checked="" type="checkbox"/> ALL OWNED AUTOMOBILES <input checked="" type="checkbox"/> LEASED AUTOMOBILES ** <input type="checkbox"/> GARAGE LIABILITY <input checked="" type="checkbox"/> OPCF21B - Blanket Fleet <small>**ALL AUTOMOBILES LEASED IN EXCESS OF 30 DAYS WHERE THE INSURED IS REQUIRED TO PROVIDE INSURANCE</small>	A	6741237147	09/30/2022	09/30/2023	BODILY INJURY	\$ 2,000,000
					PROPERTY DAMAGE COMBINED	
					BODILY INJURY (Per person)	\$
					BODILY INJURY (Per accident)	\$
					PROPERTY DAMAGE	\$
EXCESS LIABILITY <input type="checkbox"/> UMBRELLA FORM <input checked="" type="checkbox"/> OTHER THAN UMBRELLA FORM	B	UMR-B0621CPROC000720	09/30/2022	09/30/2023	EACH OCCURRENCE	\$ 8,000,000
					AGGREGATE	\$
OTHER (SPECIFY) Rented or Leased Equipment	A	81745362	09/30/2022	09/30/2023	Installation Floater	\$ 2,000,000
					Motor Truck Cargo	\$ 1,000,000
					Rented Equipment Endit	\$ 500,000
					Rented Equipment Deductible	\$ 25,000
					Crane Operators Liability	\$ 1,000,000

DESCRIPTION OF OPERATIONS/LOCATIONS/AUTOMOBILES/SPECIAL ITEMS/ ADDITIONAL INSURED

Operations usual to the business of the named insured. All vehicles owned, leased, operated by/on behalf of the named insured.

Excess Liability Limit of \$8,000,000 is in excess of the Automobile Liability only.

CERTIFICATE HOLDER

Los Angeles Harbor Department Purchasing Office
1st Floor 500 Pier Street
Wilmington, CA 90744

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOUR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

Per: _____

AGENCY CUSTOMER ID: _____

LOC #: _____

ADDITIONAL REMARKS SCHEDULE

Page 2 of 5

PRODUCER Cowan Insurance Group Ltd.		INSURED Process Group Inc	
POLICY NUMBER			
CARRIER	NAIC CODE	ISSUE DATE: 11/09/2022	

ADDITIONAL REMARKS

Contractor's Equipment Floater

Insurer: Aviva Insurance

Policy No.: 81745362

Policy Term: September 30, 2021 to September 30, 2022;

Limits of Coverage:

Rented, Leased or Borrowed - Blanket Limit \$750,000

5% Deductible at minimum \$1,000

AGENCY CUSTOMER ID: _____

LOC #: _____

ADDITIONAL REMARKS SCHEDULE

Page 3 of 5

PRODUCER Cowan Insurance Group Ltd.		INSURED Process Group Inc	
POLICY NUMBER			
CARRIER	NAIC CODE	ISSUE DATE: 11/09/2022	

ADDITIONAL REMARKS

Limited Pollution Liability

Insurer: Certain Lloyd's Underwriters as represented by Miller Insurance

Policy No.: UMR-B0621CPROC000720

Policy Term: September 30, 2022 to September 30, 2023

Limits of Liability:

\$1,000,000 Each Limited Pollution Event

\$1,000,000 Limited Pollution Event Aggregate

\$10,000 Each Limited Pollution Event Deductible

AGENCY CUSTOMER ID: _____

LOC #: _____

ADDITIONAL REMARKS SCHEDULE

Page 4 of 5

PRODUCER Cowan Insurance Group Ltd.		INSURED Process Group Inc	
POLICY NUMBER			
CARRIER	NAIC CODE	ISSUE DATE: 11/09/2022	

ADDITIONAL REMARKS

Engineers Professional Liability

Insurer: Lloyd's Underwriters through Lloyd's Approved Coverholder, Markel Canada Limited

Policy No.: CSR2340

Policy Term: September 30, 2022 to September 30, 2023

Limits of Liability:

\$5,000,000 Per Claim

\$5,000,000 Aggregate Excluding costs and Expenses

\$5,000 Each Claim

Retroactive Date: April 11, 2008

AGENCY CUSTOMER ID: _____

LOC #: _____

ADDITIONAL REMARKS SCHEDULE

Page 5 of 5

PRODUCER Cowan Insurance Group Ltd.		INSURED Process Group Inc	
POLICY NUMBER			
CARRIER	NAIC CODE	ISSUE DATE: 11/09/2022	

ADDITIONAL REMARKS

IT IS HEREBY AGREED AND UNDERSTOOD THAT THE NAMED INSURED IS AS FOLLOWS:

PROCESS GROUP INC., PROCESS CUSTOM FABRICATION INC., PROCESS SYSTEMS INTEGRATION INC., PROCESS ELECTRICAL & CONTROLS INC., PGI HOLDINGS INC., AND 1573781 ONTARIO INC.



PORT OF LOS ANGELES

CONSTRUCTION AND MAINTENANCE DIVISION

BERTH 161 C&M CNG Compressor Project

#2566600



2.1 Project Scope of Work

The tasks performed, by the Contractor shall include, but are not limited to, providing the following services, analysis, and reports:

- Project manage removal and installation of new CNG compressor unit
- Comply with all bid clauses



PORT OF LOS ANGELES

CONSTRUCTION AND MAINTENANCE DIVISION

- Procure Compressor unit (Model: Bauer C23 M-Series Duplex)no substitutes
- Provide as needed labor all trades required for project.
- Provide as needed equipment such as cranes, forklifts and installation materials
- Removal of existing CNG Compressor from B161 facility. The Port of Los Angeles will be responsible for proper disposal.
- Provide new Skid mount CNG compressor as replacement with all equipment, and construction for a turnkey installation in same footprint as existing CNG Compressor.
- Ensure site layout, existing systems, current utilities servicing the site support the compressor and Industry Standards
- Determine and follow code requirements for The State of CA, City of Los Angeles, National Fire Protection Association (NFPA) and any Authority Having Jurisdiction (AHJ) as they pertain to the project and maintain compliance with such codes
- Furnish the Harbor Department with all construction plans, documents, supporting data, and schematics associated with project installation.
- Commissioning process to be completed by vendor
- Register equipment with manufacturer to establish in service date
- Handover all documentation to C&M (POLA) related to warranty, operators manual and maintenance.
- Site staff daily review training
- Site staff fueling and safety training
- 2 year maintenance agreement (parts & labor)

CONTRACTOR SHALL PROVIDE A BAUER C23.2 M-SERIES™ DUPLEX CNG COMPRESSOR WITH THE FOLLOWING SPECIFICATIONS:

System Performance Summary

C23 M-Series Performance Table (Duplex)									
Model	Inlet Pressure (psig)		Capacity ¹				No. stages each compressor	Motor	
	(Min)	(Max)	scfm	m3/h	DGE/H	GGE/H		hp	kW
C23.2	10	15	150	255	64	75	4	50	37

Criteria	Value
Electrical classification	Class 1, Division 2, Group D in accordance with NFPA 70, latest edition, Article 500
Discharge pressure, maximum	5000 psig
Voltage	480 V
Frequency	60 Hz

System Component Description

Overview:

- Skid mounted
- Cabinet enclosed
- NEMA 4 control panel includes the PLC and HMI, locally mounted
- NEMA 7 starter panel includes motor starter and other power components, locally mounted

Skid (common to both compressors)

- Welded assembly of precision formed steel plate for strict tolerance control
- Lift/tie-down provision at each corner
- Powder coated with a zinc rich primer and a topcoat for superior corrosion resistance

Cabinet (common to both compressors)

- Made of galvanized sheet steel and powder coated for superior corrosion resistance
- Insulated for noise reduction, 85 dba average measured
- at a distance of three (3) meters from enclosure
- Cooling air intake louver panels, qty. 2, removable for internal access
- Entry door (qty. 1) with internal emergency release
- Interior lighting, qty. 2 LED
- Infrared methane gas detector (0-100% LEL), qty. 1
- Cosmetic facade at enclosure roof line

Instrumentation (each compressor)

- Pressure sensor for inlet, oil and final pressure
- Locally mounted pressure gauge for each stage and oil pressure
- Temperature sensor for ambient and final stage temperature
- Check valve at the outlet of compressor
- Pressure maintaining valve at the outlet of the compressor to improve efficiency of the final separator

Piping, Tubing and Hose (common to DUPLEX package)

- Skid edge connections for gas inlet, power and high-pressure outlet
- All package tube runs use high quality, fully annealed, seamless type 316 stainless steel tubing ASTM A269 or A213 or equivalent with two-ferrule stainless steel tube fittings
- All package process pipe runs use 316 stainless steel pipe and pipe fittings
- Hose where flexibility is required

High Pressure Compressor Model C23.X (qty. 2)

- Pressure-resistant crankcase up to 230 psig
- Air-cooled with a cooler after each stage
- Safety valve after each stage
- Oil pump for forced-fed lubrication
- Oil sump separate from crankcase
- Oil level sight glass
- Oil filter
- Oil drain valve
- Maximum pitch and roll, 30° from level in all directions
- Separator after each stage, connected to automatic drain system
- Flywheel for belt drive. Includes bolt-on fan wings for additional cooling of compressor.
- All high-pressure tube connections made with two-ferrule compression fittings

Automatic Condensate Drain Device (each compressor)

- Each separator is drained individually by its own ACD device in a sequenced blow down cycle
- Adjustable drain interval and drain duration timer for each stage's condensate drain, adjustable according to condition of the gas
- Manual drain valve for each condensate drain device to override automatic operation for troubleshooting
- Unloaded starting of compressor

Intake and Vapor Recovery Tanks (common to DUPLEX package)

For control of the gas from the skid-edge inlet connection to the inlet of the compressor including the capture and recycling of gas during a compressor blow down.

- Solenoid valve (normally closed)
- Strainer
- Stainless steel piping
- Flexible hose where required
- Tanks, qty. 1 inlet buffer tank and qty. 1 Vapor recovery tank, integrated to compressor skid. Tanks designed and constructed in accordance with ASME Code Section VIII, Division 1, "U" stamped and registered with the National Board. Exterior surface of tanks is painted with one coat of primer and one topcoat.

Each tank includes:

- Pressure gauge
- Safety valve for overpressure protection. Outlet of safety valve is connected to vent stack manifold.
- Drain valve for low point drain of accumulated liquid from tank
- Vent valve to vent gas from tank for maintenance. Vent connected to vent stack manifold.

Control Panel (NEMA 4 locally mounted)

The system is controlled by a programmable logic controller (PLC). The control panel is supplied in a NEMA 4 enclosure that is locally mounted on the skid and accessible from to the operator from outside the cabinet. A backlit color touch screen (HMI) serves as the operator interface to the system.

- **Automatic** start/stop operation according to customer requirements
- **Supervision** of operating parameters
- **Display** of operating data, maintenance information and alarms
- **Alarm** in case of deviation from specified operation parameters

Indication of:

- Operating messages / status of system
- Configuration parameters (password protected)
- Maintenance requirements

- Hour meter
- Power-ON status light
- % LEL
- Alarm status light and on HMI
- Alarm history via HMI

Supervision or control of:

- Intake pressure, low and high alarm
- Compressor final stage temperature
- Final pressure, indication
- Oil pressure, low pressure alarm
- % LEL
- Maintenance intervals
- Signal for solenoid valve at intake line
- Ambient (=cooling) temperature, low and high temperature alarm
- Signal for automatic condensate drain device including cycle registration for final separator life
- Local Emergency stop device

Technical Data for PLC:	
Hazardous ratings:	cULus Class 1 Zone 2/ Division 2, FM Class 1 Division 2
Technical Data for HMI:	
Hazardous ratings:	ATEX Zone 2, ATEX Zone 22, cULus Class 1 Zone 2/ Division 2, FM Class 1 Division 2

Starter Panel (NEMA 7 locally mounted):

The starter panel includes the high voltage power components required by the system. It is mounted to the compressor skid, prewired and tested at the factory.

- Soft starter for each main motor
- Contactor for each compressor's cooling fan
- Emergency stop pushbutton
- 24 V power supply
- Analog hour meter
- All necessary auxiliary relays, fuses and terminal boards

Required Options:

- Enclosure combustible gas detector
- Interstage pressure and temperature monitoring for each compressor
- Remote communication modem - enabling remote fault transmission and notifications with full HMI screen access (Remote HMI)

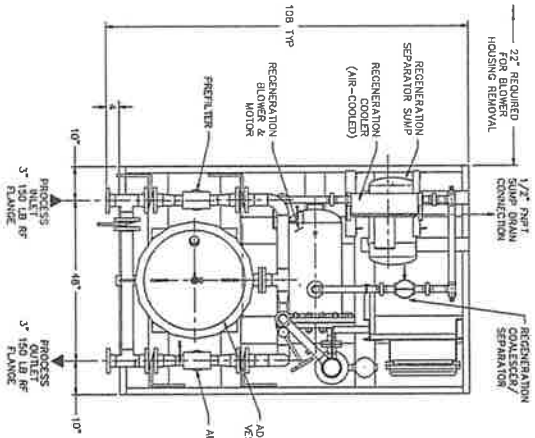
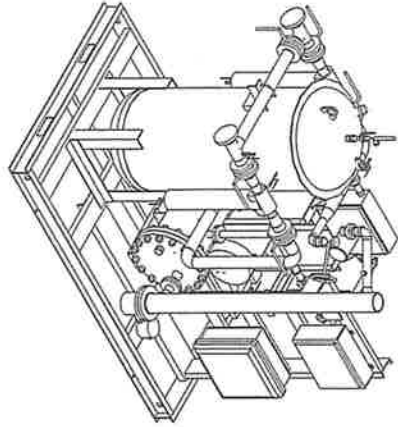
Standards/Compliances: NFPA 52, latest edition
NFPA 70, latest edition
C-UL-US electric panel

Manufacturer's quality management system shall be registered to ISO 9001:2008

Documentation: 1x Instruction Manual and parts list with illustrated drawings
1x Warranty registration card
1x Wiring schematic

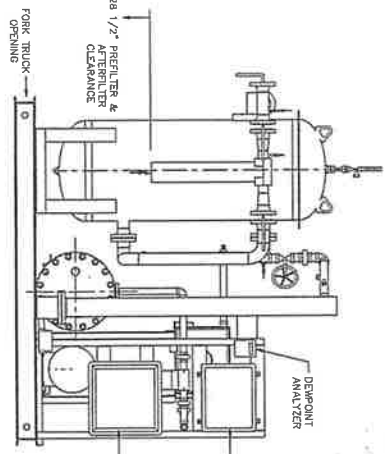
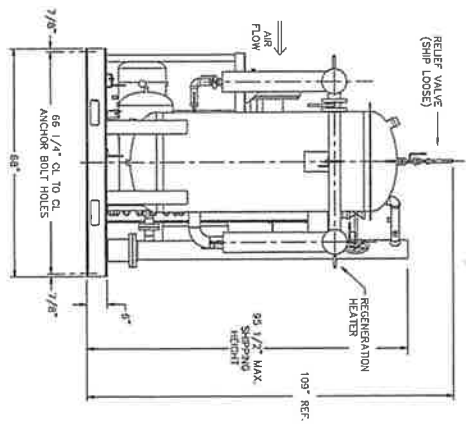
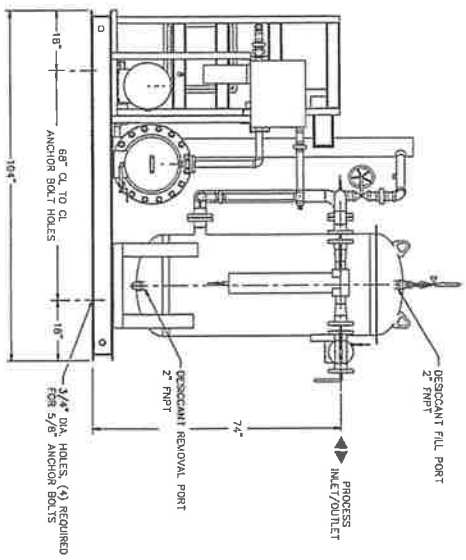
Warranty: 5-year limited system warranty.

Warranty statement shall be included with bidding documents. Failure to submit the manufacturer's warranty statement or meet the system warranty will disqualify the submitted bid.



DRYER DATA

DESICCANT VESSEL: ASME U STAMPED 200 MWP @ -20 TO 400° F.
 DESICCANT CHARGE: 1050 LBS.
 WEIGHT: 5000 LBS. W/ DESICCANT INSTALLED.
 ELECTRICAL: P.A. 24.4 @ 480V 3PH 60HZ
 47.7 @ 230V 3PH 60HZ
 44.8 @ 208V 3PH 60HZ
 MEA CLASSIFICATION: NEMA 4/7, CLASS 1, DIV. 2, GROUP D.
 CLEARANCE: ALLOW 36" MINIMUM ON ALL SIDES FOR ACCESS.
 UNLESS OTHERWISE INDICATED.

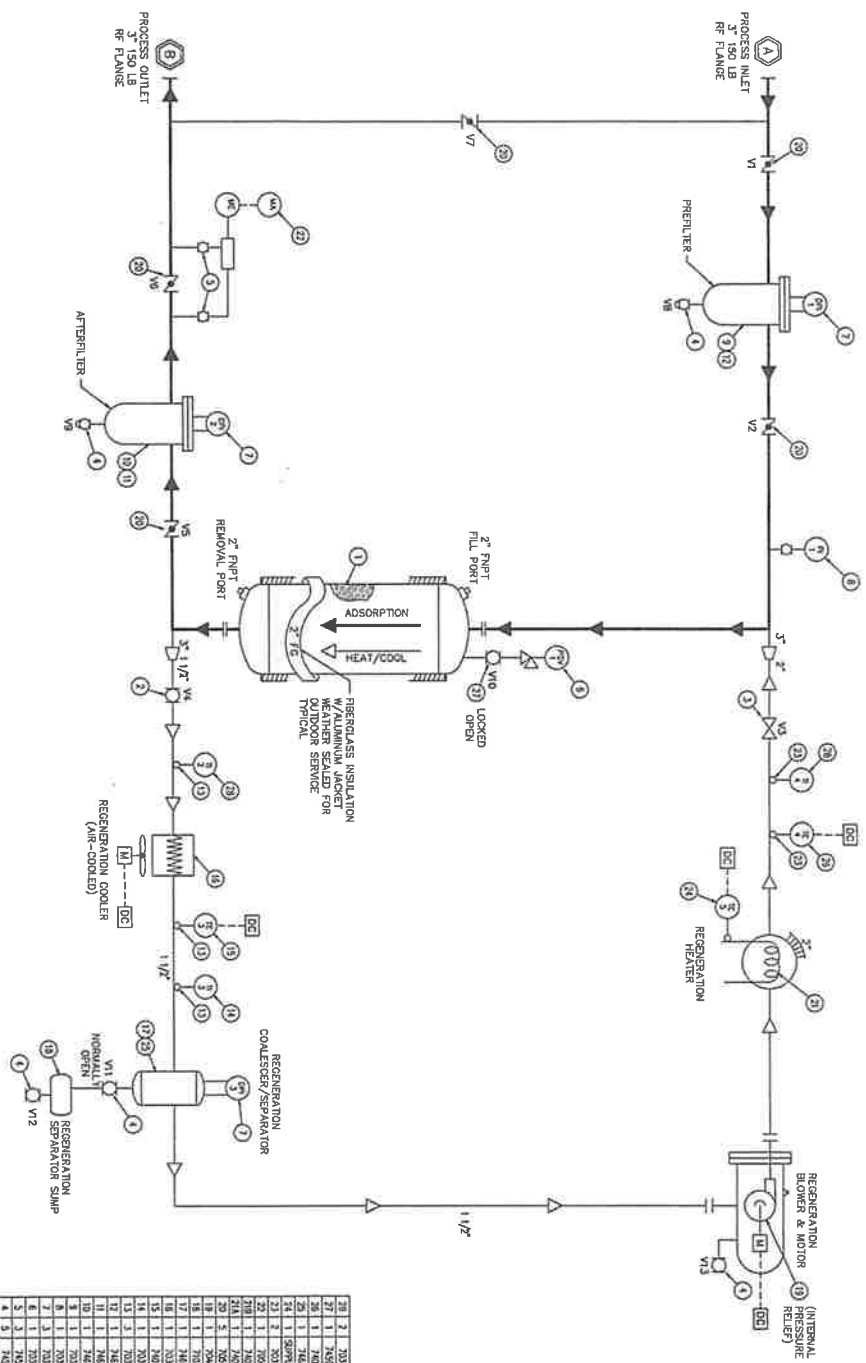


PSB
 POWER SUPPLY BROTHERS
 1000 W. 10TH ST. ST. LOUIS, MO. 63102
 TEL. 314.241.1100 FAX 314.241.1101

Model	NC-SR-15-3-0DP
Manufacturer	PSB
Material	304 SS
Weight	5000 LBS.
Dimensions	108 1/8" H x 104" W x 48" D
Clearance	36" MINIMUM
Warranty	1 YEAR
Lead Time	4-6 WEEKS
Shipping	FOB DESTINATION
Notes	SEE DRAWING FOR DETAILS

MODEL NC-SR-15-3-0DP
 NATURAL GAS DRYER
 SERIAL NO. 101500F-G1

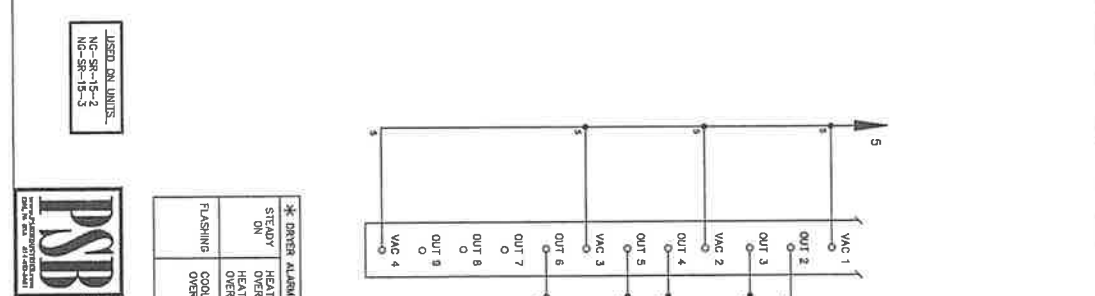
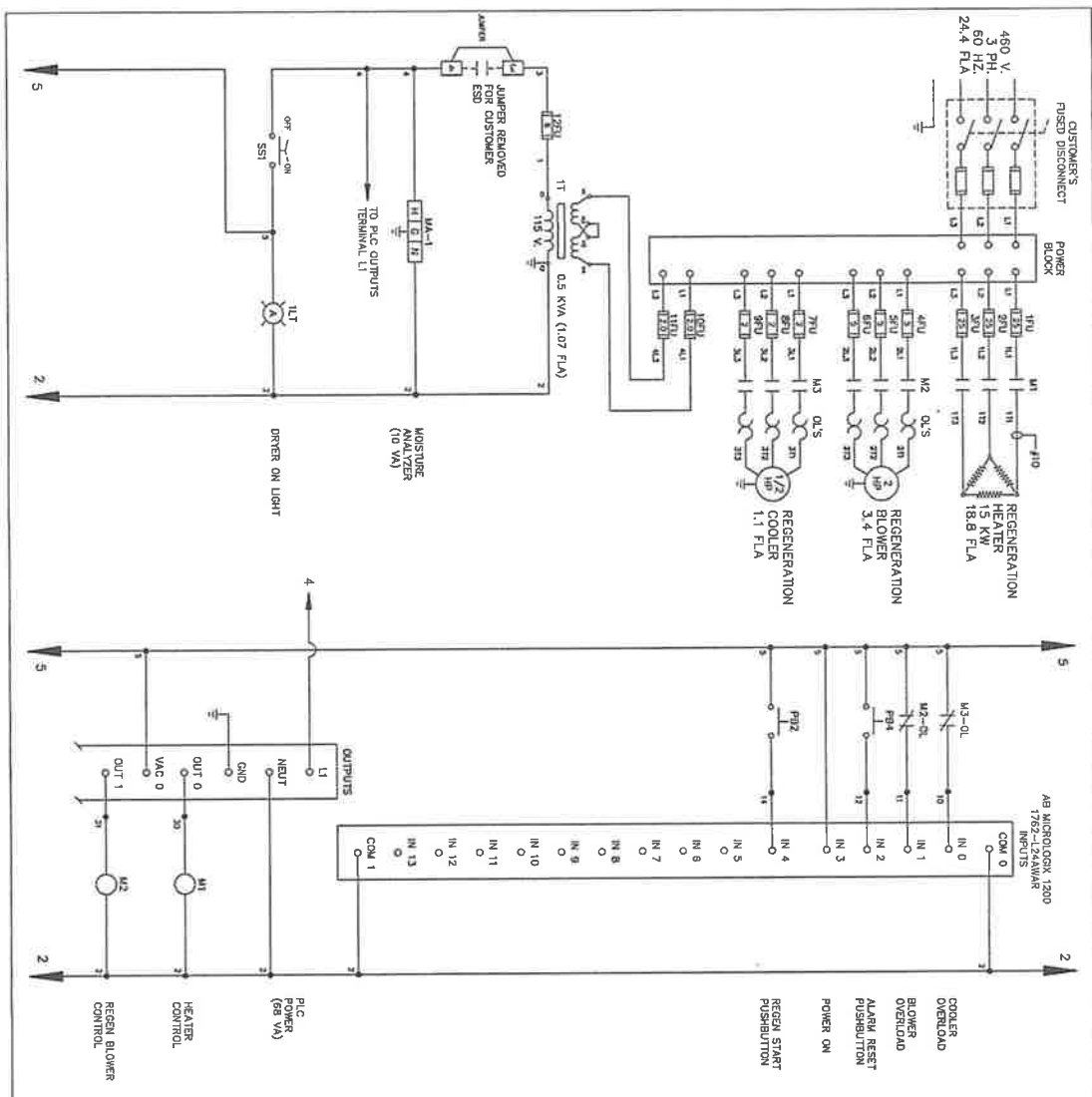
REV	DESCRIPTION	DATE
1	INITIAL DESIGN, VALVE, PRESSURE GAUGE AND SEPARATION	1/27/70
2		1/28/70



DC - DRIVER CONTROLS

NO.	QTY.	DESCRIPTION	UNIT
1	1	30\"/>	

PSB
 PROCESS & INSTRUMENT DIVISION
 MODEL NO-5P-15-3-DP
 NATURAL GAS DRYER
 PART NO. N01C1500F-P1

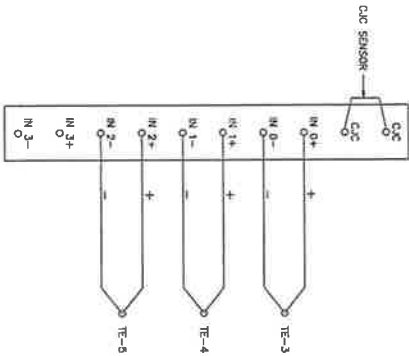


REV	DESCRIPTION	DATE	BY
A	UPDATED REGEN AND DISCONNECT	6/1/10	RAJ
B	REVISION: REGEN AND DISCONNECT	12/29/10	RAJ
C	REVISION: REGEN AND DISCONNECT	12/29/10	RAJ
D	REVISION: REGEN AND DISCONNECT	12/29/10	RAJ

<p>* DRIVER ALARM LIGHT #1 (24V)</p> <p>STEADY ON</p> <p>HEATER ALARM LIGHT #2 (24V)</p> <p>FLASHING</p>	<p>HEATER OUTLET OVER TEMPERATURE</p> <p>HEATER START OPEN TEMPERATURE</p> <p>COOLER OUTLET OVER TEMPERATURE</p>
<p>** DRIVER ALARM LIGHT #2 (24V)</p> <p>STEADY ON</p> <p>FLASHING</p>	<p>BLOWER OVERLOAD</p> <p>COOLER OVERLOAD</p>

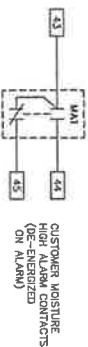
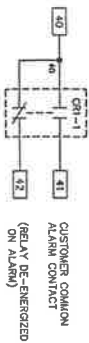
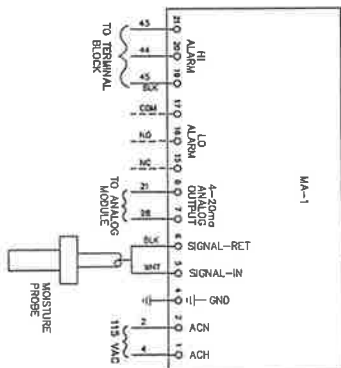
<p>PSB</p> <p>POWER SYSTEMS & SERVICES</p> <p>1000 W. 10th Street, Suite 100, Phoenix, AZ 85001</p> <p>PH: 602.955.1234</p> <p>FAX: 602.955.1235</p> <p>WWW.PSB-PS.COM</p>	<p>PROJECT: 1752-124AMWR</p> <p>CLIENT: AB MICROLOGIX</p> <p>DATE: 6/1/10</p> <p>BY: RAJ</p> <p>SCALE: 1" = 12"</p> <p>REVISED: 12/29/10</p>	<p>MODEL: MANUAL GAS SR-15 DRIVER</p> <p>NGC1500C</p> <p>1 of 2</p>
--	--	---

TEMPERATURE SWITCH INPUTS.
 TYPE J THERMOCOUPLE
 (-) RED (+) WHITE



NOTES: GROUND THERMOCOUPLES AT MODULE
 END ONLY.
 DO NOT REMOVE C/C SENSOR

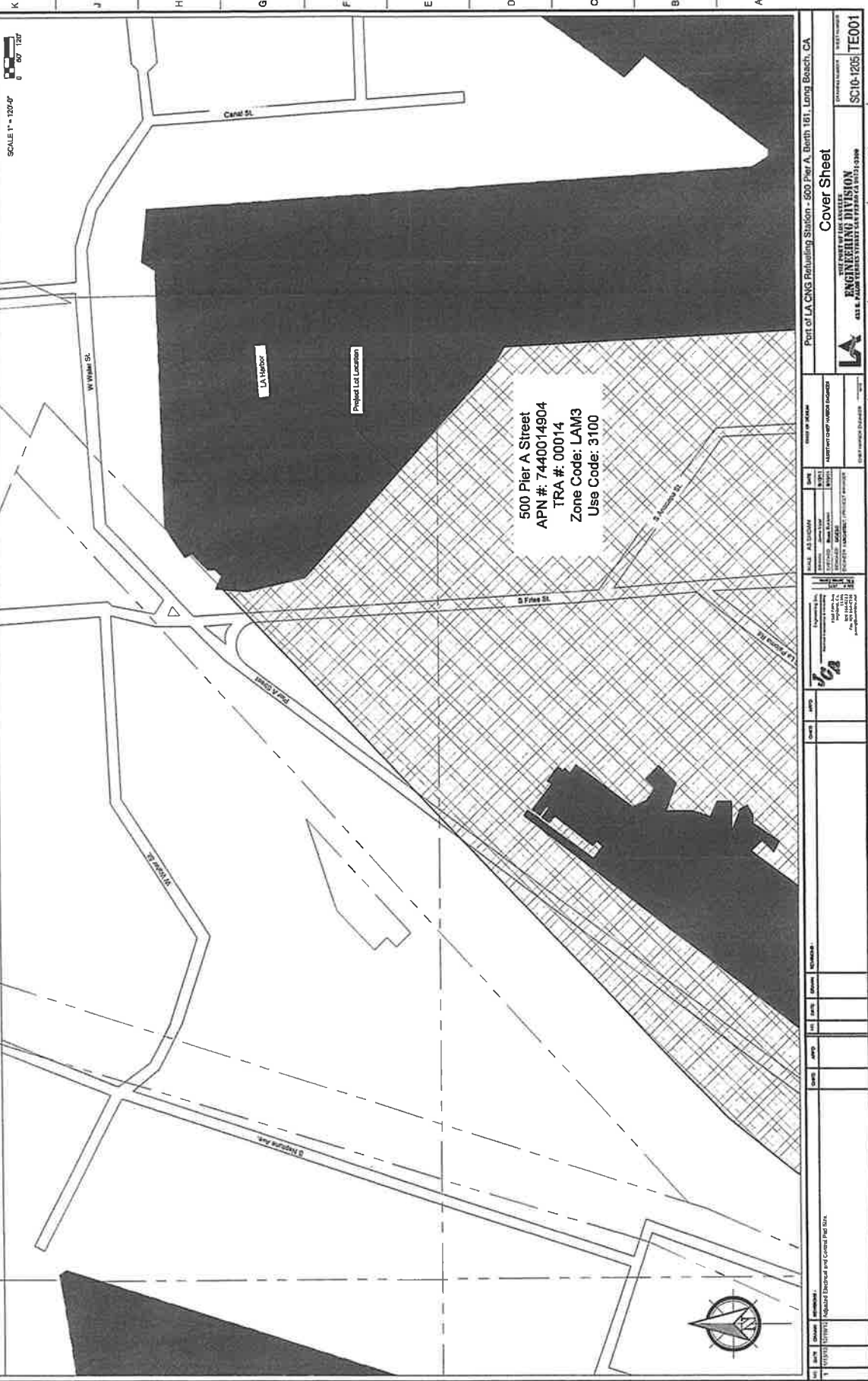
MOISTURE ANALYZER & PROBE WIRING.



USED IN UNITS:
 NG-SR-15-2
 NG-SR-15-3

PSB Precision Switching & Control		MODEL: NATURAL GAS "SR-15" DRIVER NOTIC1500-04D	
SERIAL NO. 15000000000000000000 PART NO. 15000000000000000000 DATE 1/15/00	MANUFACTURED BY PSB 15000000000000000000 15000000000000000000	ELECTRICAL SCHEMATIC MODEL: NATURAL GAS "SR-15" DRIVER NOTIC1500-04D	SHEET NO. 3 OF 2 REVISIONS

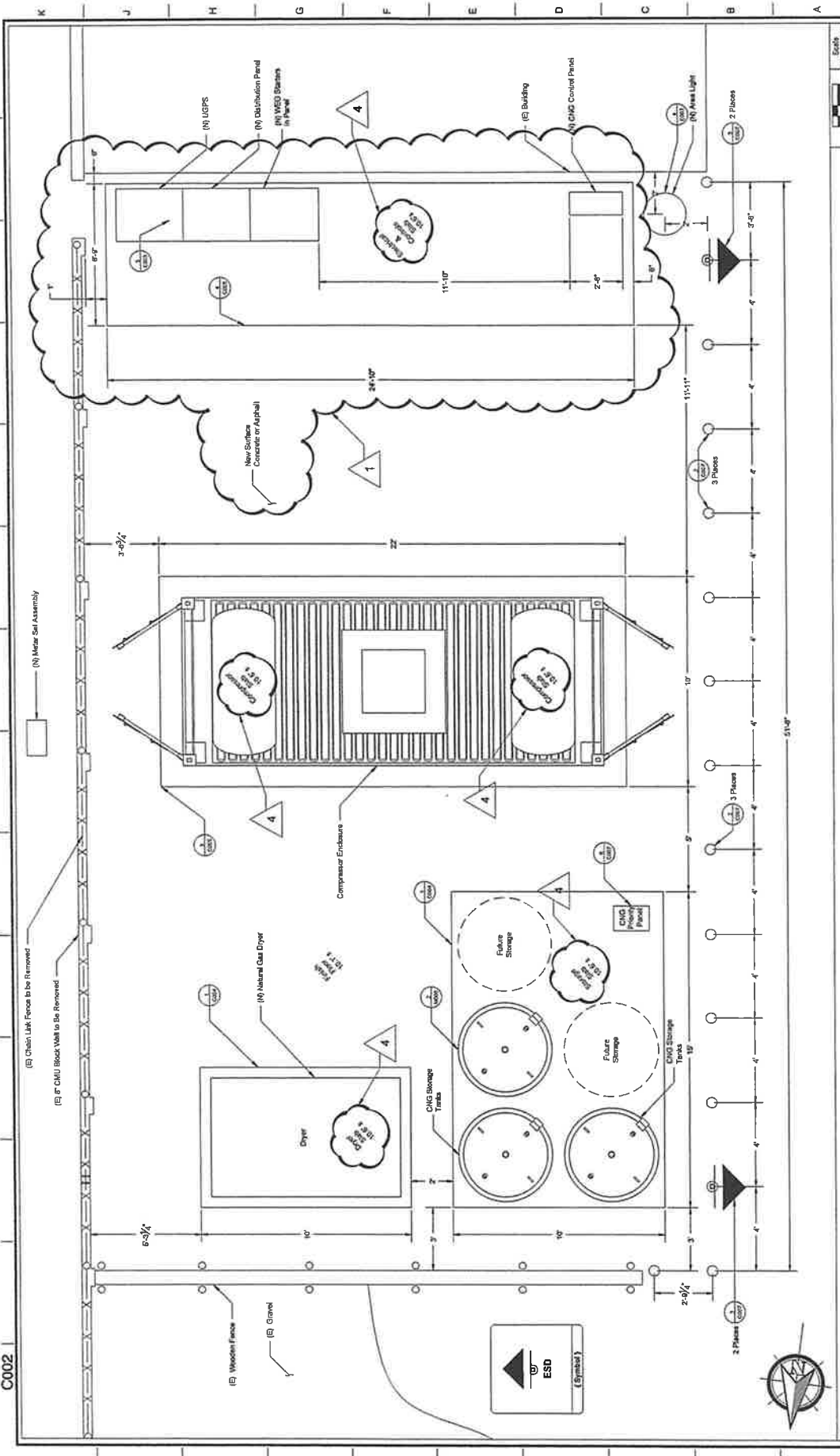
SCI0-1206 TE001



500 Pier A Street
 APN #: 7440014904
 TRA #: 00014
 Zone Code: LAM3
 Use Code: 3100

<p>  </p>	<p>  </p>	<p>  </p>	<p>  </p>	<p>  </p>	<p>  </p>
<p> City of Los Angeles Department of Public Works Engineering Division 433 S. Main Street, 12th Floor, Los Angeles, CA 90013-3209 Phone: (213) 475-3209 Fax: (213) 475-3209 Email: engineering@lacity.org Website: www.lacity.org/engineering </p>	<p> City of Los Angeles Department of Public Works Engineering Division 433 S. Main Street, 12th Floor, Los Angeles, CA 90013-3209 Phone: (213) 475-3209 Fax: (213) 475-3209 Email: engineering@lacity.org Website: www.lacity.org/engineering </p>	<p> Part of LA CNG Refueling Station - 600 Pier A, Berth 161, Lung Beach, CA SC10-1206 TE001 </p>	<p> Cover Sheet SC10-1206 TE001 </p>	<p> Part of LA CNG Refueling Station - 600 Pier A, Berth 161, Lung Beach, CA SC10-1206 TE001 </p>	<p> Part of LA CNG Refueling Station - 600 Pier A, Berth 161, Lung Beach, CA SC10-1206 TE001 </p>

C002



{ CNG Compound Overview }

Part of LA CNG Refueling Station - S00 Plot A, Berth 181, Long Beach, CA

NO.	Date	Revised:	Revised By:
1	11/17/10	Initial Design and Control Panel Bids	Tom Frank Lin
2	11/17/10	Revised Electrical and Control Panel Bids	Tom Frank Lin
3	11/17/10	Final Design and Control Panel Bids	Tom Frank Lin
4	11/17/10	Issued Bid Documents - Plot Area A	Tom Frank Lin

SCALE: AS SHOWN
DATE: 11/17/10
PROJECT: S00 Plot A, Berth 181, Long Beach, CA
DRAWN: Tom Frank Lin
CHECKED: Tom Frank Lin
APPROVED: Tom Frank Lin

LA ENGINEERING DIVISION
3333 WEST 107TH STREET, SUITE 100
LONG BEACH, CA 90804

PROJECT NUMBER: SC-10-1205

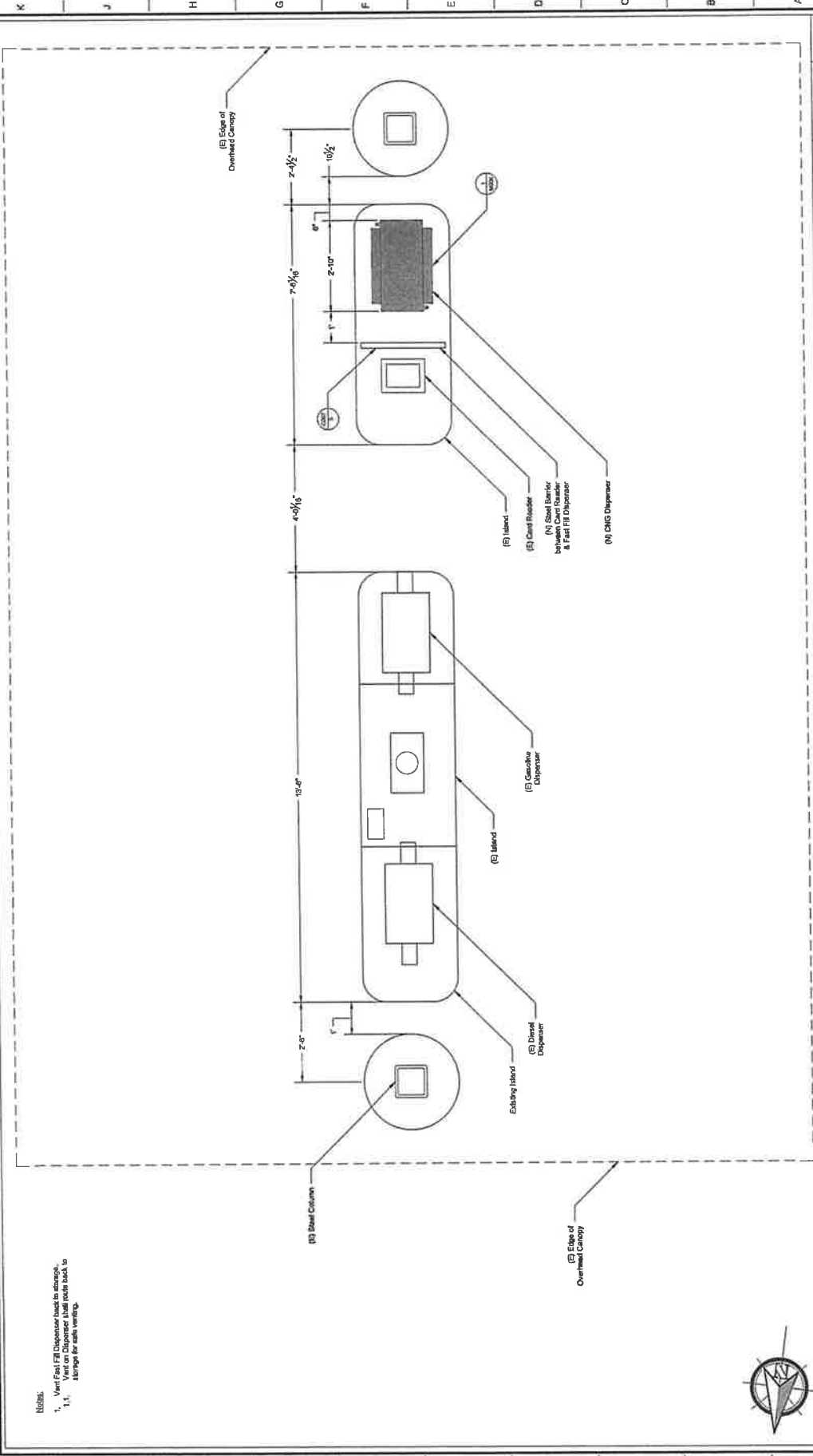
C002

14

SC10-1205 C003

Notes:

1. Vent Fast Fill Dispenser back to atmosphere.
- 1.1. Vent Fast Fill Dispenser back to atmosphere for each venting.



{ Gas/Diesel/CNG Dispensing Islands - Layout }

NO.	DATE	REVISION	BY	CHECKED	DATE	REVISION	BY	CHECKED	DATE	REVISION	BY	CHECKED	DATE	REVISION
1	01/15/12	Initial Design and Control Plan Etc.												

Fueling Island Layout

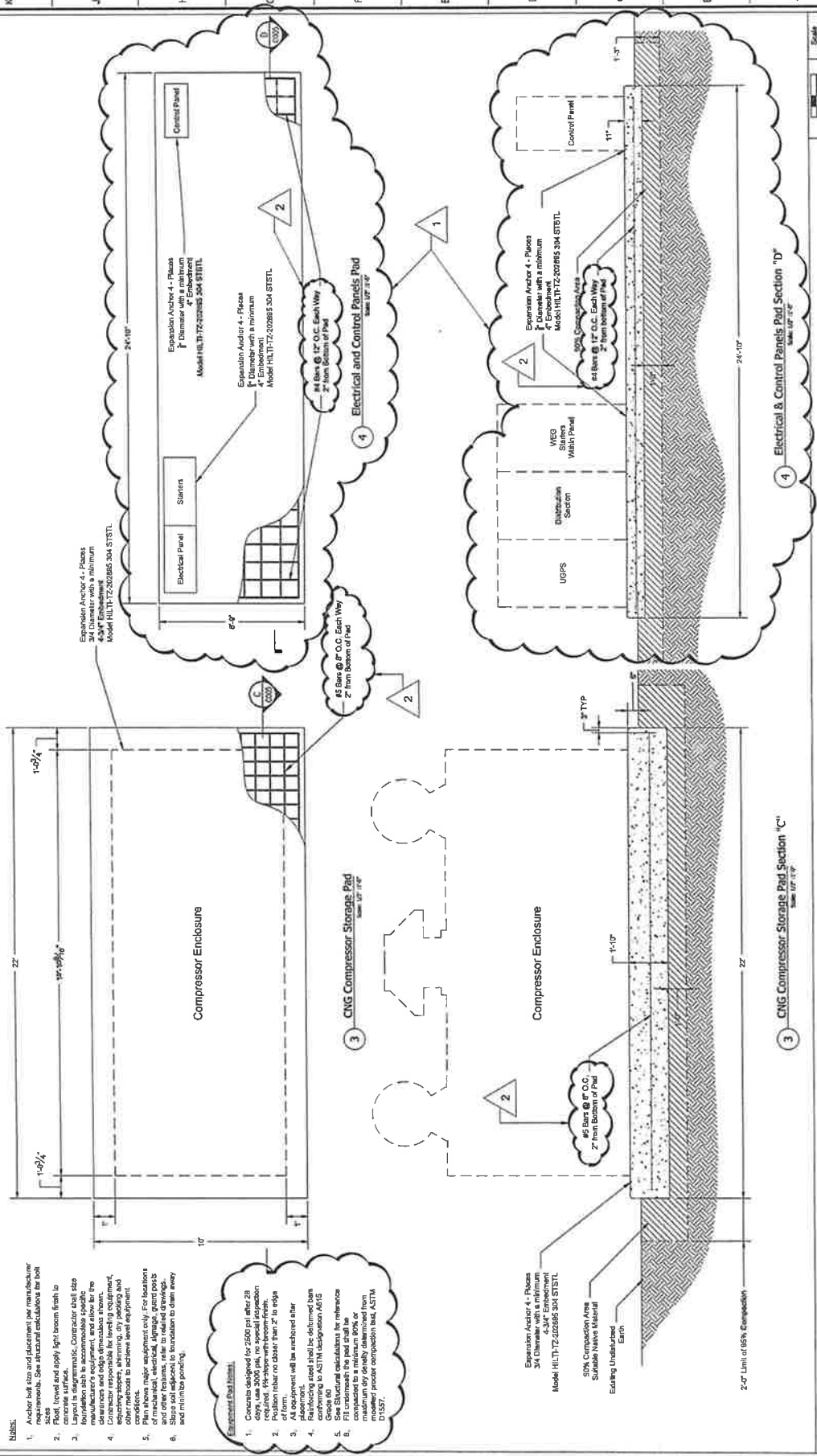
Part of LA CNG Refueling Station - 500 Pier A, Beach 161, Long Beach, CA

425 S. PULP STREET, SUITE 100, LONG BEACH, CA 90802
LA ENGINEERING DIVISION
 425 S. PULP STREET, SUITE 100, LONG BEACH, CA 90802

PROJECT NUMBER
C003

DATE
 1/15/12

SC10-1205 C004



Notes:

1. Anchor bolt size and placement per manufacturer's recommendations. See structural calculations for bolt sizes.
2. Flood, travel and supply light beam finish to existing finish.
3. Foundation shall be constructed to accommodate specific manufacturer's equipment, and allow for the manufacturer's expansion and contraction movements. Contractor responsible for leveling equipment, sequencing, sloping, stemming, dry packing and curing according to manufacturer's recommendations.
4. Plans show major equipment only. For locations of other equipment, refer to manufacturer's drawings and other locations, refer to related drawings.
5. Slope soil exposure to foundation to drain away and minimize ponding.

Compressor Pad Notes

1. Concrete designed for 2500 psi after 28 days curing. See structural calculations for design required. 10% slope with bottom finish.
2. Position bar no closer than 2" to edge of concrete.
3. All reinforcement will be installed after placement.
4. Reinforcing steel shall be determined from structural calculations, AISC 308 Designation 4415 Grade 60.
5. See structural calculations for reinforcement.
6. Maximum dry density determined from manufacturer's product specification, ASTM D 1557.

{ Concrete Details - Compressor Enclosure & Electrical Pads }

Rev	Date	By	Check	Description
1	10/23/18	U/S/18	A/S/18	Approved Enclosure and Control Pad Size
2	10/21/18	U/S/18	A/S/18	Revised Pad Footing

Rev	Date	By	Check	Description
1	10/23/18	U/S/18	A/S/18	Approved Enclosure and Control Pad Size
2	10/21/18	U/S/18	A/S/18	Revised Pad Footing

Rev	Date	By	Check	Description
1	10/23/18	U/S/18	A/S/18	Approved Enclosure and Control Pad Size
2	10/21/18	U/S/18	A/S/18	Revised Pad Footing

Rev	Date	By	Check	Description
1	10/23/18	U/S/18	A/S/18	Approved Enclosure and Control Pad Size
2	10/21/18	U/S/18	A/S/18	Revised Pad Footing

Port of LA CNG Refueling Station - 500 Pier A, Balm 161, Long Beach, CA

LA ENGINEERING DIVISION
125 S. PICO BLVD. SUITE 300 LOS ANGELES, CA 90015

SC10-1205 C005

Concrete Pad Details

Scale: 1/4" = 1'-0"

Electrical & Control Panels Pad Section "D"
Scale: 1/4" = 1'-0"

CNG Compressor Storage Pad Section "C"
Scale: 1/4" = 1'-0"

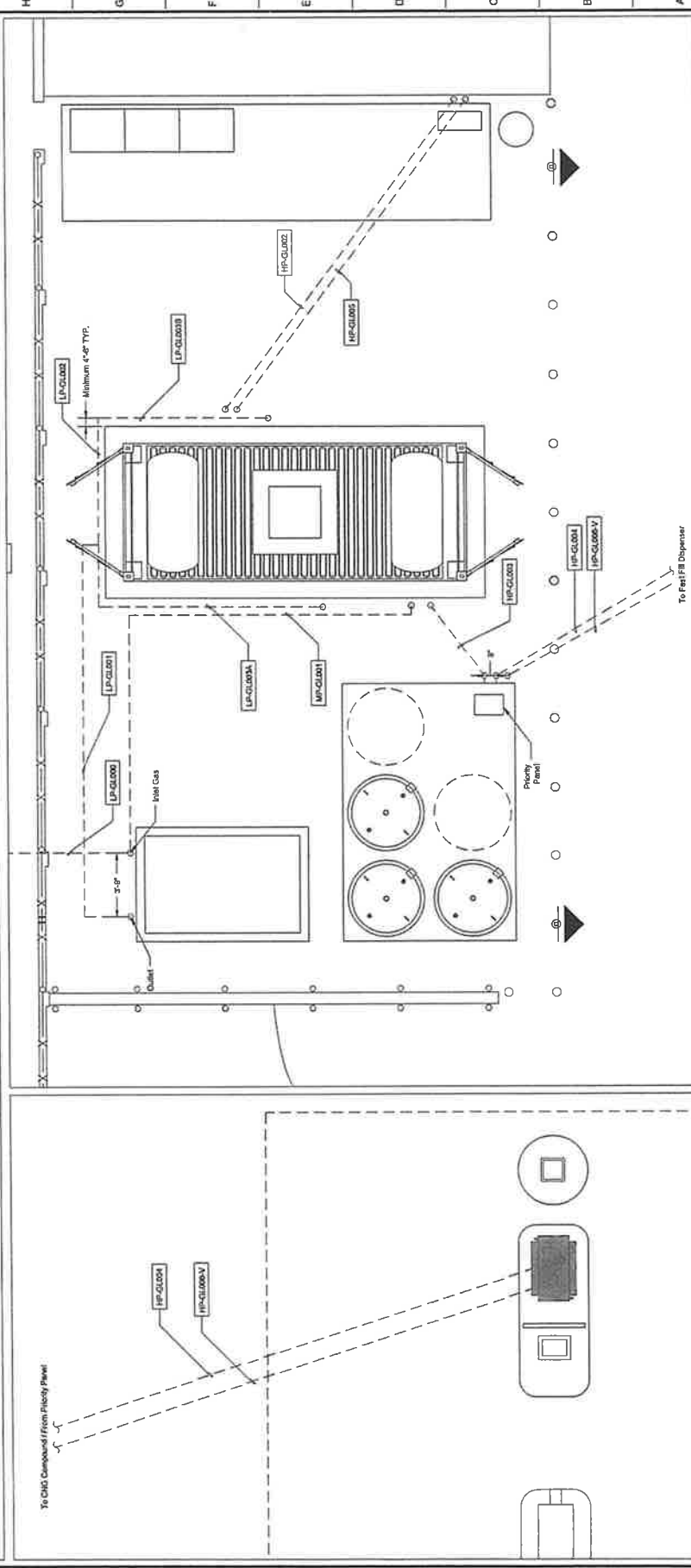
Compressor Enclosure
Scale: 1/4" = 1'-0"

Electrical and Control Panels Pad
Scale: 1/4" = 1'-0"

GAS LINE CONDUIT SCHEDULE

#	CONDUIT SIZE	FROM	TO	NOTES
LP-GL000	No Conduit	MRA	Dryer	
LP-GL001	No Conduit	4" Carbon Steel	Compressor Enclosure	See M001
LP-GL002	No Conduit	8" Carbon Steel	Compressor Enclosure	See M001
LP-GL003	No Conduit	3" Carbon Steel	Compressor AVB	See M001
MP-GL001	2" PVC	Compressor Enclosure	Dryer	From First Stage to Accumulator (M001)
MP-GL002	2" PVC	Compressor Enclosure	Priority Panel	2 To HPS, 2 To Gas
MP-GL003	2" PVC	Compressor Enclosure	Priority Panel	2 To HPS, 2 To Gas
MP-GL004	4" PVC	Compressor Enclosure	Priority Panel	2 To HPS, 2 To Gas
MP-GL005	2" PVC	Compressor Enclosure	Priority Panel	2 To HPS, 2 To Gas
MP-GL006	2" PVC	Compressor Enclosure	Priority Panel	2 To HPS, 2 To Gas
MP-GL007	2" PVC	Compressor Enclosure	Priority Panel	2 To HPS, 2 To Gas
MP-GL008	2" PVC	Compressor Enclosure	Priority Panel	2 To HPS, 2 To Gas
MP-GL009	2" PVC	Compressor Enclosure	Priority Panel	2 To HPS, 2 To Gas
MP-GL010	2" PVC	Compressor Enclosure	Priority Panel	2 To HPS, 2 To Gas
MP-GL011	2" PVC	Compressor Enclosure	Priority Panel	2 To HPS, 2 To Gas
MP-GL012	2" PVC	Compressor Enclosure	Priority Panel	2 To HPS, 2 To Gas
MP-GL013	2" PVC	Compressor Enclosure	Priority Panel	2 To HPS, 2 To Gas
MP-GL014	2" PVC	Compressor Enclosure	Priority Panel	2 To HPS, 2 To Gas
MP-GL015	2" PVC	Compressor Enclosure	Priority Panel	2 To HPS, 2 To Gas
MP-GL016	2" PVC	Compressor Enclosure	Priority Panel	2 To HPS, 2 To Gas
MP-GL017	2" PVC	Compressor Enclosure	Priority Panel	2 To HPS, 2 To Gas
MP-GL018	2" PVC	Compressor Enclosure	Priority Panel	2 To HPS, 2 To Gas
MP-GL019	2" PVC	Compressor Enclosure	Priority Panel	2 To HPS, 2 To Gas
MP-GL020	2" PVC	Compressor Enclosure	Priority Panel	2 To HPS, 2 To Gas
MP-GL021	2" PVC	Compressor Enclosure	Priority Panel	2 To HPS, 2 To Gas
MP-GL022	2" PVC	Compressor Enclosure	Priority Panel	2 To HPS, 2 To Gas
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MP-GL099	2" PVC	Compressor Enclosure	Priority Panel	2 To HPS, 2 To Gas
MP-GL100	2" PVC	Compressor Enclosure	Priority Panel	2 To HPS, 2 To Gas

- Notes:
- High Pressure vessels tubing required to be in the specified enclosure.
 - 3" Carbon Steel tubing required to be in the specified enclosure.
 - For ASME refer to ASTM A-286-10.
 - 3" Carbon Steel tubing to have a minimum wall thickness of 0.035 inches.
 - All underground carbon pipes to be wrapped with 10 MIL T-PE.
 - For more detailed End points on compressor enclosure, please refer to M003/M004.



{ Fueling Island }

Scale: 1/8" = 1'-0"

Grid: 1 2 3 4 5 6 7 8 9 10 11 12 13 14

{ CNG Compound }

Scale: 1/8" = 1'-0"

Grid: 1 2 3 4 5 6 7 8 9 10 11 12 13 14

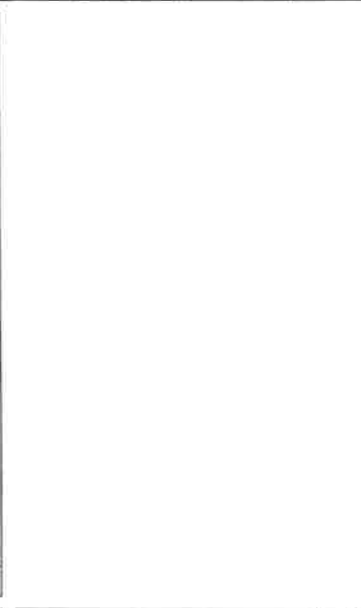
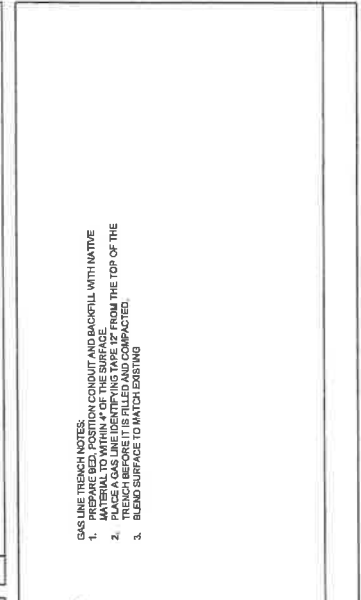
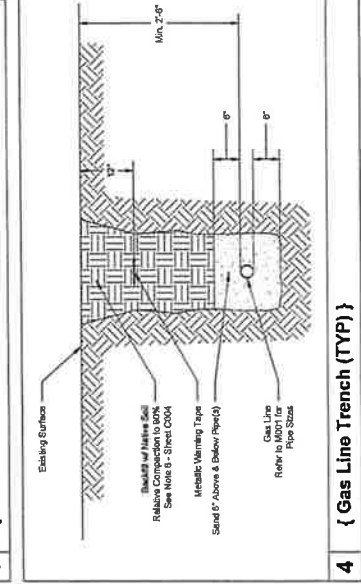
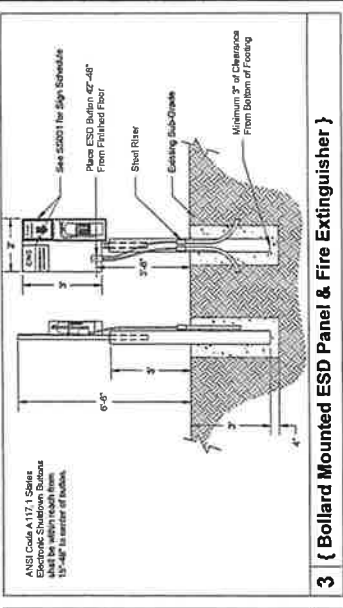
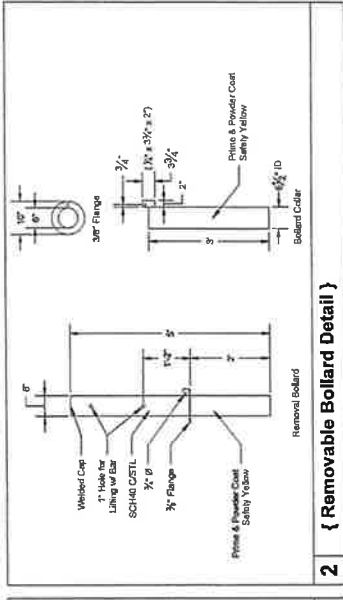
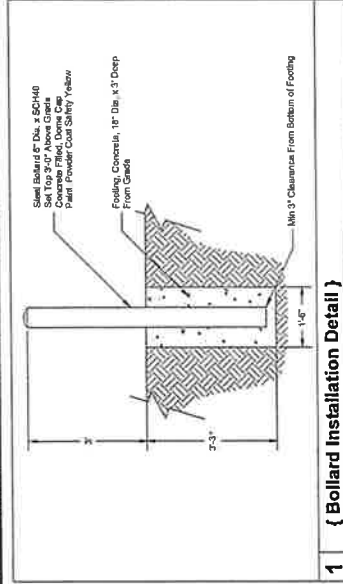
Post of LA CNG Refueling Station - 500 Par A, Berth 101, Long Beach, CA

Gas Line Conduit Schedule

THE POINT OF LAZARUS ENGINEERING DIVISION

425 S. WILSON STREET, LONG BEACH, CA 90802-3309

SC:10-1205-C006



NO.	DATE	REVISION	BY	CHKD.	DATE	REVISION	BY	CHKD.
1	REVISION	REVISED	REVISED	REVISED	REVISED	REVISED	REVISED	REVISED

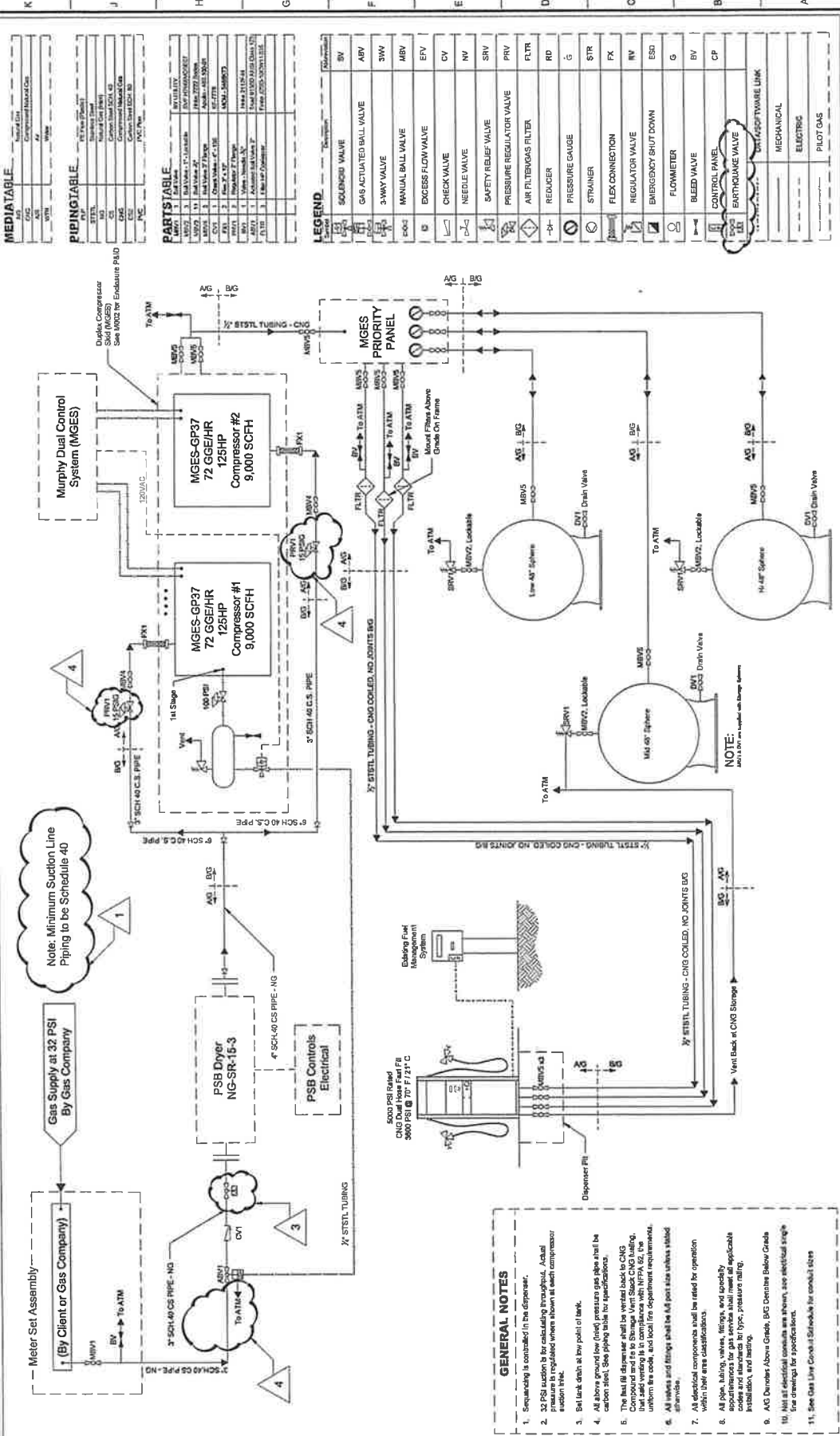
PROJECT INFORMATION		SCALE		DATE		REVISION	
PROJECT NO.	SC10-1205	SCALE	AS SHOWN	DATE	09/10/11	REVISION	
DRAWN BY	SCOTT	DATE	09/10/11	BY	SCOTT	CHKD.	SCOTT
CHECKED BY	SCOTT	DATE	09/10/11	BY	SCOTT	CHKD.	SCOTT

Port of LA CNG Refueling Station - 500 Pier A, Bath 101, Long Beach, CA

C007

THE PORT OF LONG BEACH
ENGINEERING DIVISION
3100 ALABAMA STREET, LONG BEACH, CA 90801-1001

SC10-1205 C007



MEDIA TABLE

AS	303 Aluminum
BR	Bronze
CS	Carbon Steel
SS	Stainless Steel
VTN	Very Low Temperature

PIPING TABLE

1"	1" 150#
1.5"	1.5" 150#
2"	2" 150#
3"	3" 150#
4"	4" 150#
6"	6" 150#
8"	8" 150#
10"	10" 150#
12"	12" 150#

PART TABLE

1	Ball Valve, 1" 150#
2	Ball Valve, 1.5" 150#
3	Ball Valve, 2" 150#
4	Ball Valve, 3" 150#
5	Ball Valve, 4" 150#
6	Ball Valve, 6" 150#
7	Ball Valve, 8" 150#
8	Ball Valve, 10" 150#
9	Ball Valve, 12" 150#
10	Ball Valve, 14" 150#
11	Ball Valve, 16" 150#
12	Ball Valve, 18" 150#
13	Ball Valve, 20" 150#
14	Ball Valve, 24" 150#
15	Ball Valve, 30" 150#
16	Ball Valve, 36" 150#
17	Ball Valve, 42" 150#
18	Ball Valve, 48" 150#
19	Ball Valve, 54" 150#
20	Ball Valve, 60" 150#

LEGEND

	Solenoid Valve
	Gas Actuated Ball Valve
	3-Way Valve
	Manual Ball Valve
	Bypass Valve
	Check Valve
	Needle Valve
	Safety Relief Valve
	Pressure Regulator Valve
	Air Filter/Gas Filter
	Reducer
	Pressure Gauge
	Strainer
	Flex Connection
	Regulator Valve
	Emergency Shut Down
	Flow Meter
	Bled Valve
	Control Panel
	Earthquake Valve
	On-Adjustable Link
	Mechanical
	Electric
	Pilot Gas

- GENERAL NOTES**
- Sequencing is controlled in the dispenser.
 - 32 PSI suction is for calculating throughput. Actual suction will be higher than shown at each compressor station.
 - Set tank drain at low point of tank.
 - All above ground low (mid) pressure gas pipe shall be carbon steel. See piping table for specifications.
 - The first 80 dispenser shall be vented back to CNG Compound and its Storage Vent Stack CNG Lining. All other dispensers shall be vented to a local flare department requirements, uniform fire code, and local fire department requirements.
 - All tanks and fittings shall be full pen state valves, labeled atmosphere.
 - All additional components shall be rated for operation within their area of application.
 - All pipe, tubing, valves, fittings, and specialty codes and standards, list type, pressure rating, installation, and testing.
 - AGG Denotes Above Grade, BKG Denotes Below Grade
 - Use all electrical connections as shown, use electrical single line drawings for specifications.
 - See Gas Line Control Schedule for conduit sizes

Part of LA CNG Refueling Station - 500 Pier A, Berth 161, Long Beach, CA

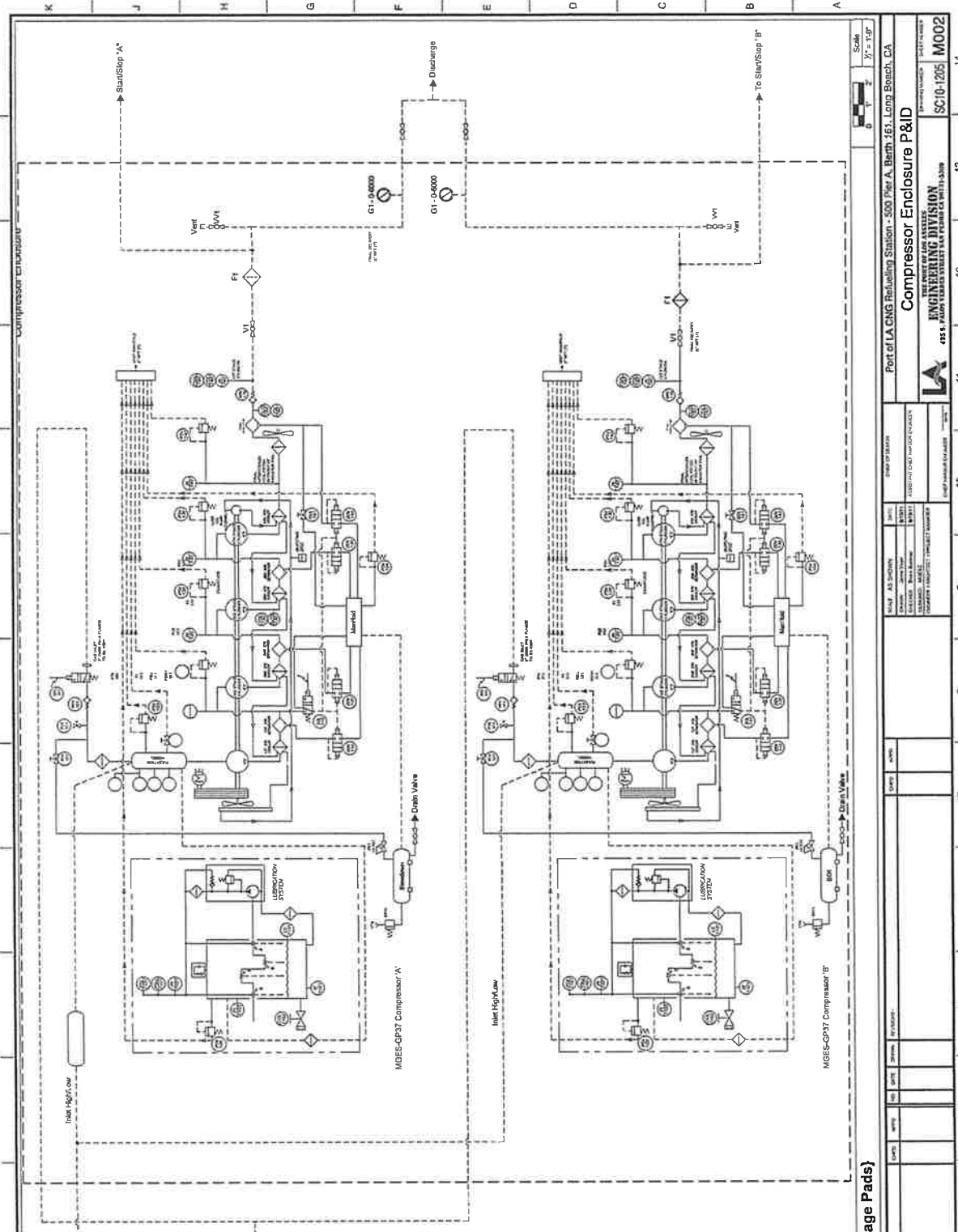
Process & Instrumentation Diagram

THE PIPING OR LINE ANNOTATION SHALL BE THE SAME AS THE PIPING OR LINE ANNOTATION IN THE INSTRUMENTATION DIAGRAM

DATE	REVISION	BY	DATE	DESCRIPTION
08/14/18	1	JWA		ISSUED FOR PERMIT
07/16/18	2	JWA		REVISED TO ADD M001
05/21/18	3	JWA		REVISED TO ADD M001
05/21/18	4	JWA		REVISED TO ADD M001

LA ENGINEERING DIVISION
 405 S. F STREET, SUITE 201, ANAHEIM, CA 92805
 TEL: 714 952-3333 FAX: 714 952-3334

SC10-1205 M001



GENERAL NOTES

1. Piping and High Pressure connections with compressor to be done by manufacturer.
2. Use this P&ID as a reference only. Compressors and accessories may be modified with connections on the exterior of enclosure.
3. Please refer to Compressor Manual for proper point of connection for piping and other equipment.
4. See Site P&ID for connections between compressors and other CHG and equipment.

PARTS TABLE

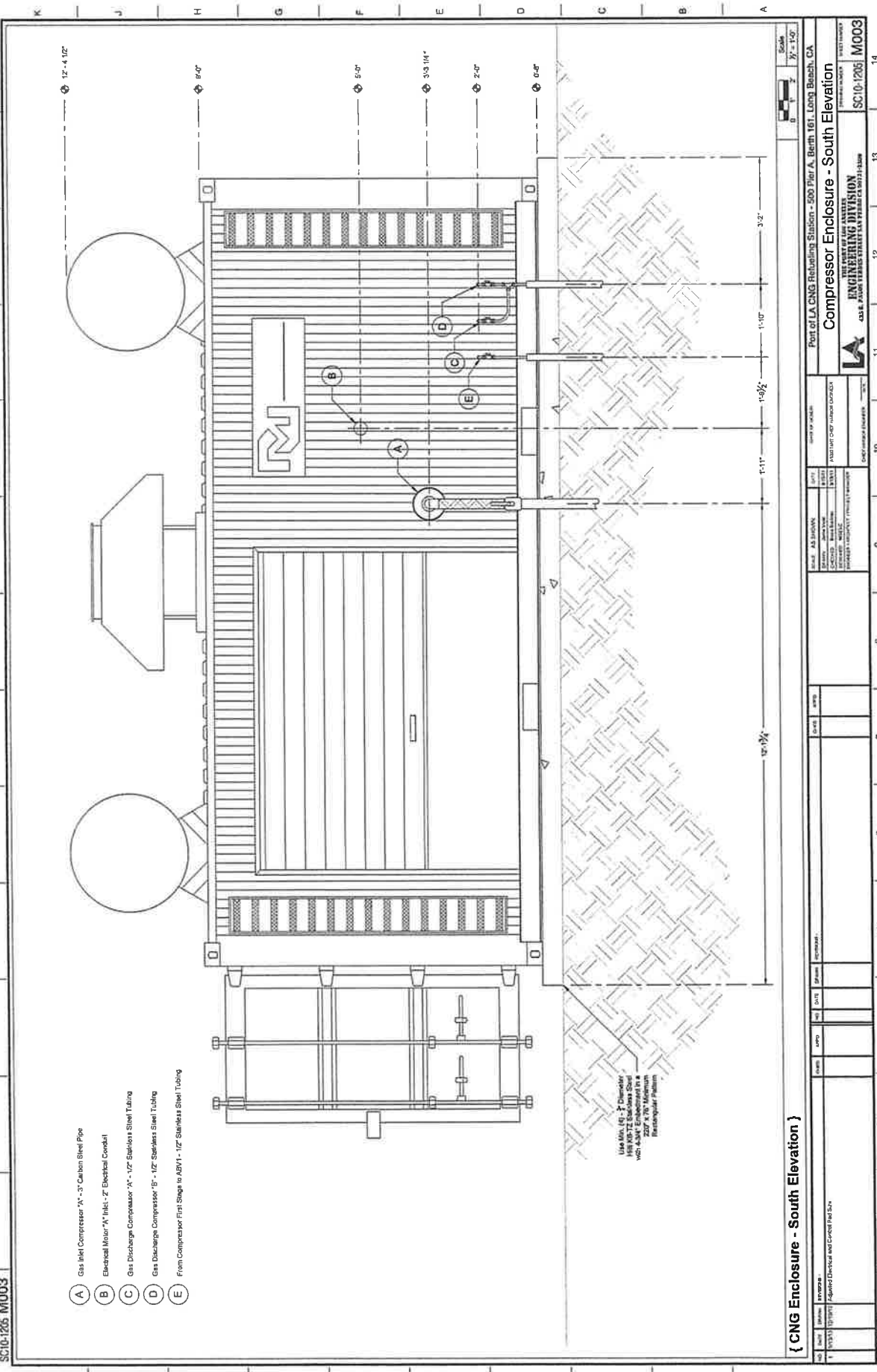
ITEM #	DESCRIPTION	QTY	MANUFACTURER
1	MBES-GP37 Compressor	2	MANITEX
2	Vertical 1500 PSI Tank	2	MANITEX
3	Flow Meter	1	MANITEX
4	High Pressure Valve	2	MANITEX
5	High Pressure Valve	2	MANITEX
6	High Pressure Valve	2	MANITEX
7	High Pressure Valve	2	MANITEX
8	High Pressure Valve	2	MANITEX
9	High Pressure Valve	2	MANITEX
10	High Pressure Valve	2	MANITEX

{ Concrete Details - Dryer & Storage Pads }

DATE	ISSUE	BY	CHKD	REVISED	DESCRIPTION
<p>COMPRESSOR ENCLOSURE</p> <p>MANITEX</p> <p>3000 PEAR A, BERTH 363, LONG BEACH, CA</p> <p>SC10-1205 M002</p>					

SC10-1205 M003

- (A) Gas Inlet Compressor "A" - 3" Carbon Steel Pipe
- (B) Electrical Motor "A" Inlet - 2" Electrical Conduit
- (C) Gas Discharge Compressor "A" - 1/2" Stainless Steel Tubing
- (D) Gas Discharge Compressor "B" - 1/2" Stainless Steel Tubing
- (E) From Compressor First Stage to ADM1 - 1/2" Stainless Steel Tubing



1/2" THICK STAINLESS STEEL
 RECTANGULAR PATTERN

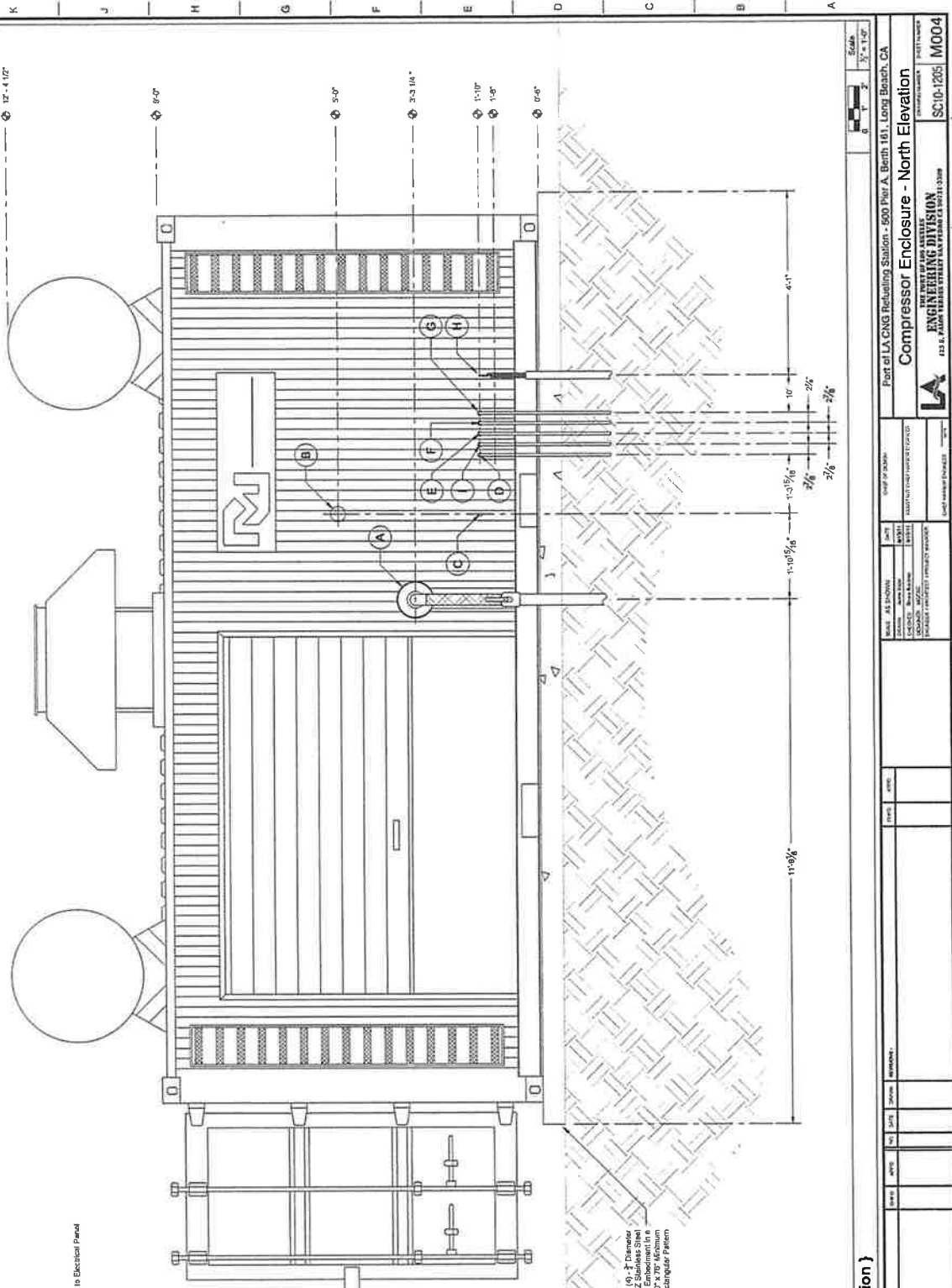
{ CNG Enclosure - South Elevation }

NO.	DATE	BY	CHKD.	APPV.	REV.	DATE	DESCRIPTION
1	10/15/13	SC10-1205	SC10-1205	SC10-1205			

PROJECT: Port of LA CNG Refueling Station - 500 Pier A, Berth 101, Long Beach, CA
 DRAWING NO: SC10-1205 M003
 SHEET NO: 14
 SCALE: 1/4" = 1'-0"
 TITLE: Compressor Enclosure - South Elevation
 DESIGNED BY: [Name]
 CHECKED BY: [Name]
 APPROVED BY: [Name]

SC10-1205 M004

- A Gas Inlet Compressor 9" - 3" Carbon Steel Pipe
- B Electrical Motor 12" Dia. - 2" Electrical Conduit
- C Blowdown System 3/4" Conduit - From compressor to Electrical Panel
- D Spare Conduit - 3/4" Conduit
- E Gas Detection - 3/4" Conduit
- F Lights - 3/4" Conduit
- G Fan Connection - 3/4" Conduit
- H High/Low Gas - 2" Conduit to Murphy Conduit
- I 120V Solenoid - 3/4" Conduit



Use 1/4" (9) - 3" Diameter
 H30 K31 Z Stainless Steel
 with 4-21/2" x 70" Aluminum
 Rectangular Pattern

{ CNG Enclosure - North Elevation }

REV	DATE	BY	CHK	APP	DESC	SHEET NO.	SHEET TOTAL

TITLE: Compressor Enclosure - North Elevation PROJECT: Port of LA CNG Refueling Station - 500 Fair A. Berth 101, Long Beach, CA	SCALE: 1/2" = 1'-0" DRAWING NO: SC10-1205 M004
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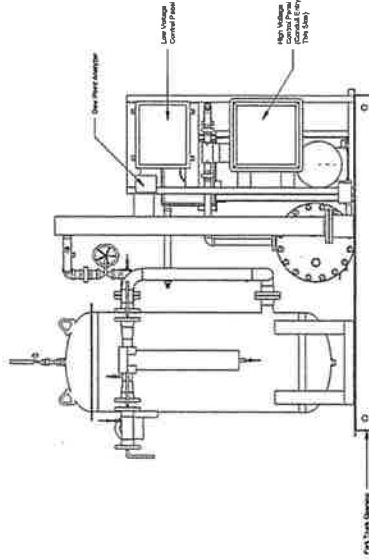
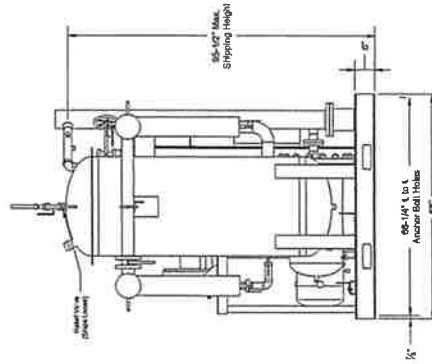
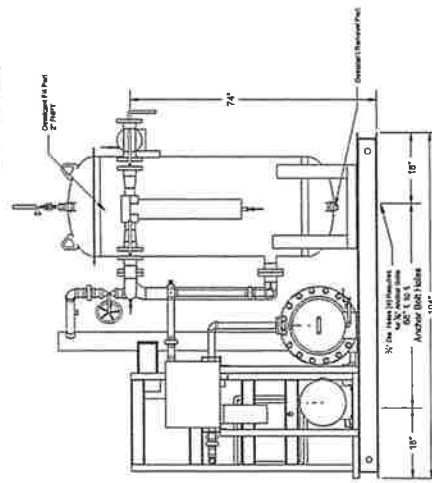
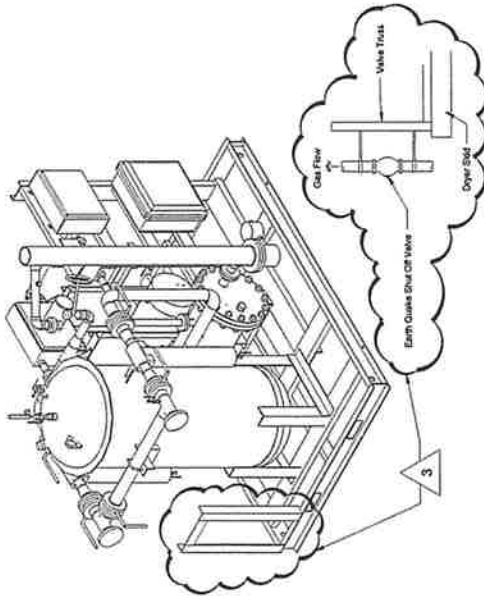
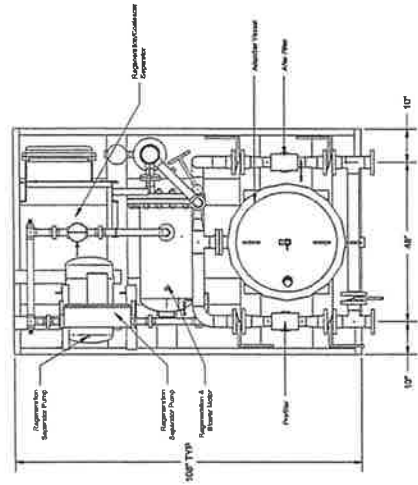
DRYER DATA

DESICCANT VESSEL: ASME U STAMPED 200 MWP B -20" TO 40" F.
 DESICCANT CHARGE: 1050 LBS.
 WEIGHT: 5000 LBS. W/ DESICCANT INSTALLED.

ELECTRICAL FLA: 24.4 @ 460V 3PH 60HZ
 47.7 @ 230V 3PH 60HZ
 44.8 @ 480V 3PH 60HZ

AREA CLASSIFICATION: NEMA 4/7, CLASS 1, DIV. 2, GROUP D

CLEARANCE: ALLOW 36" MINIMUM ON ALL SIDES FOR ACCESS,
 UNLESS OTHERWISE INDICATED



{ CNG Dryer }

REV	DATE	BY	CHKD	DESCRIPTION
1	11/15/12	SC10-1205	SC10-1205	Initial Design and Control Panel
2	12/18/12	SC10-1205	SC10-1205	Revised Design and Control Panel
3	02/15/13	SC10-1205	SC10-1205	Final Design for Earthquake Value

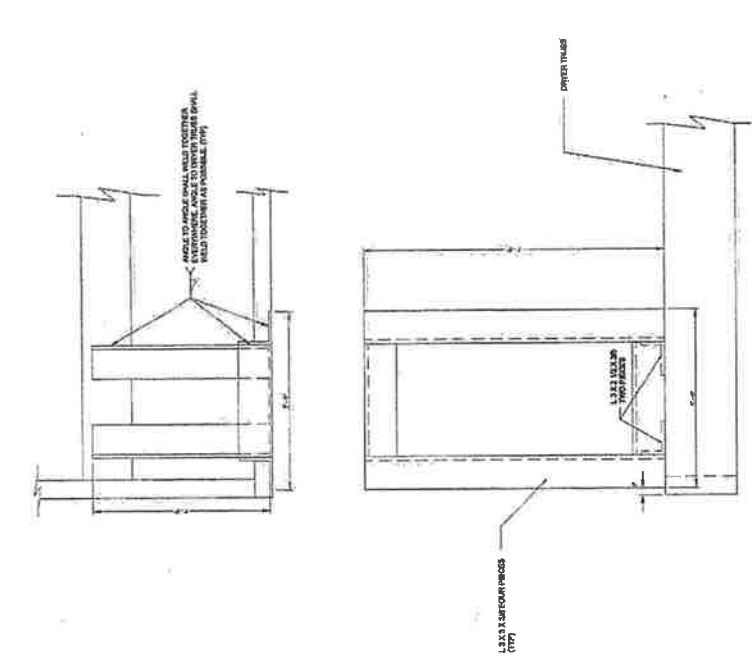
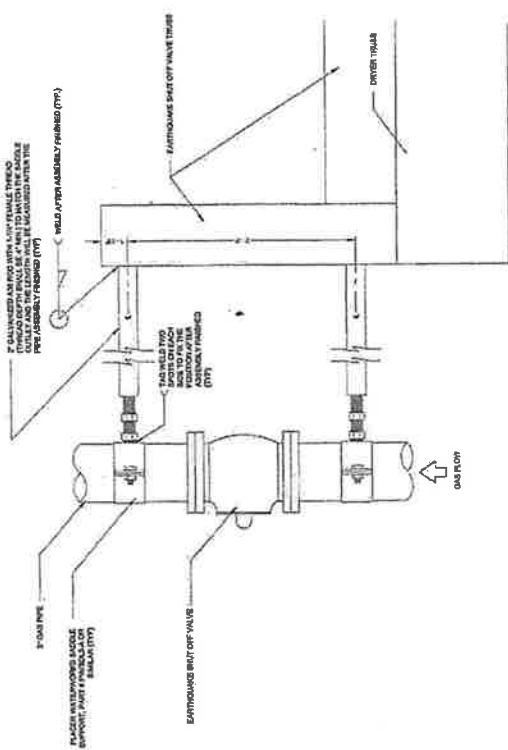
DATE: 02/15/2013	TIME: 10:00 AM	SCALE: 1/2" = 1'-0"
DRAWN: JAMES KILPATRICK	CHECKED: JAMES KILPATRICK	PROJECT: CNG DRYER
DESIGNED: M. J. KILPATRICK	APPROVED: M. J. KILPATRICK	CLIENT: LA CNG REFINING STATION

REVISED FOR: SC10-1205 M005	REVISED FOR: SC10-1205 M005
-----------------------------	-----------------------------

Port of LA CNG Refining Station - 500 Pier A, Berth 161, Long Beach, CA

CNG Dryer

THE PORT OF LONG BEACH
ENGINEERING DIVISION
 400 S. PEARL STREET, LONG BEACH, CA 90802



NOTE:
 1. ALL WELD SHALL BE RUNWAY OR QMAY (TP)
 2. ALL PULL WELD SIZE SHALL BE 1/8\"/>

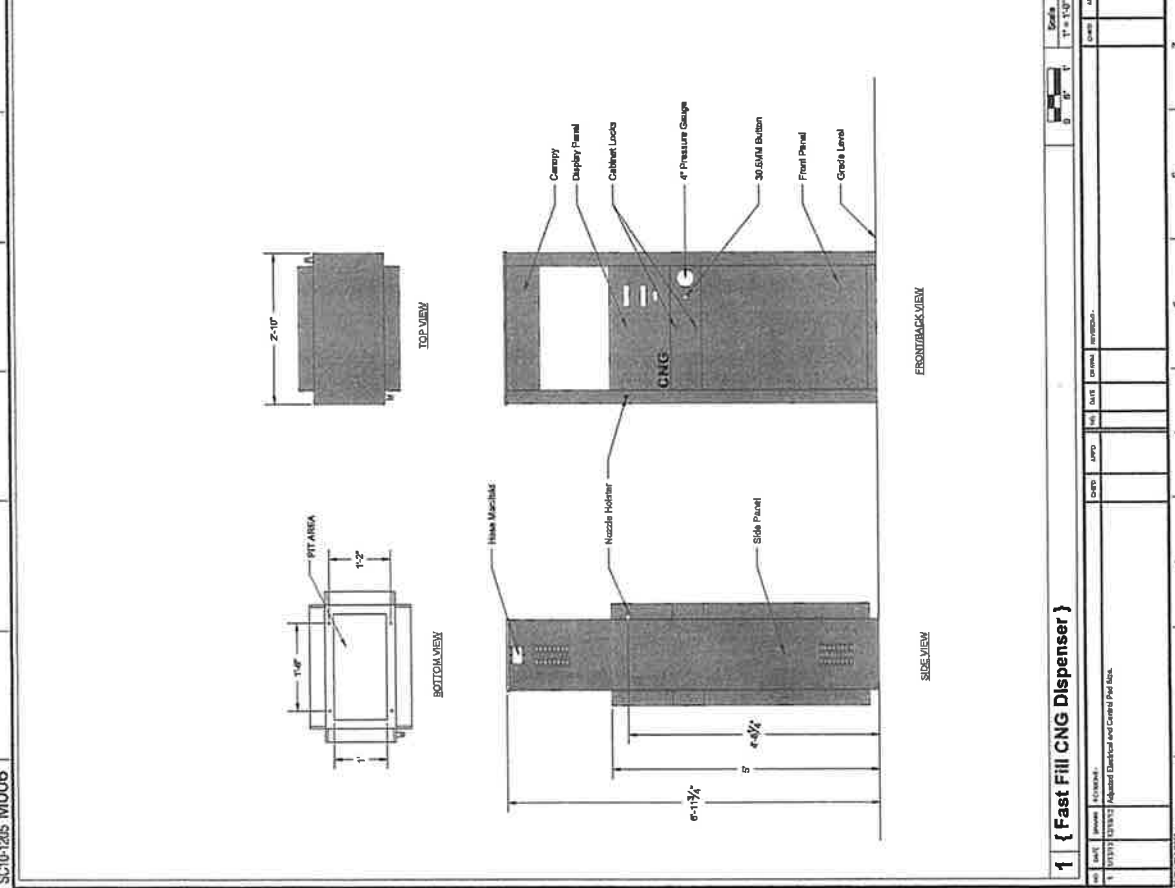
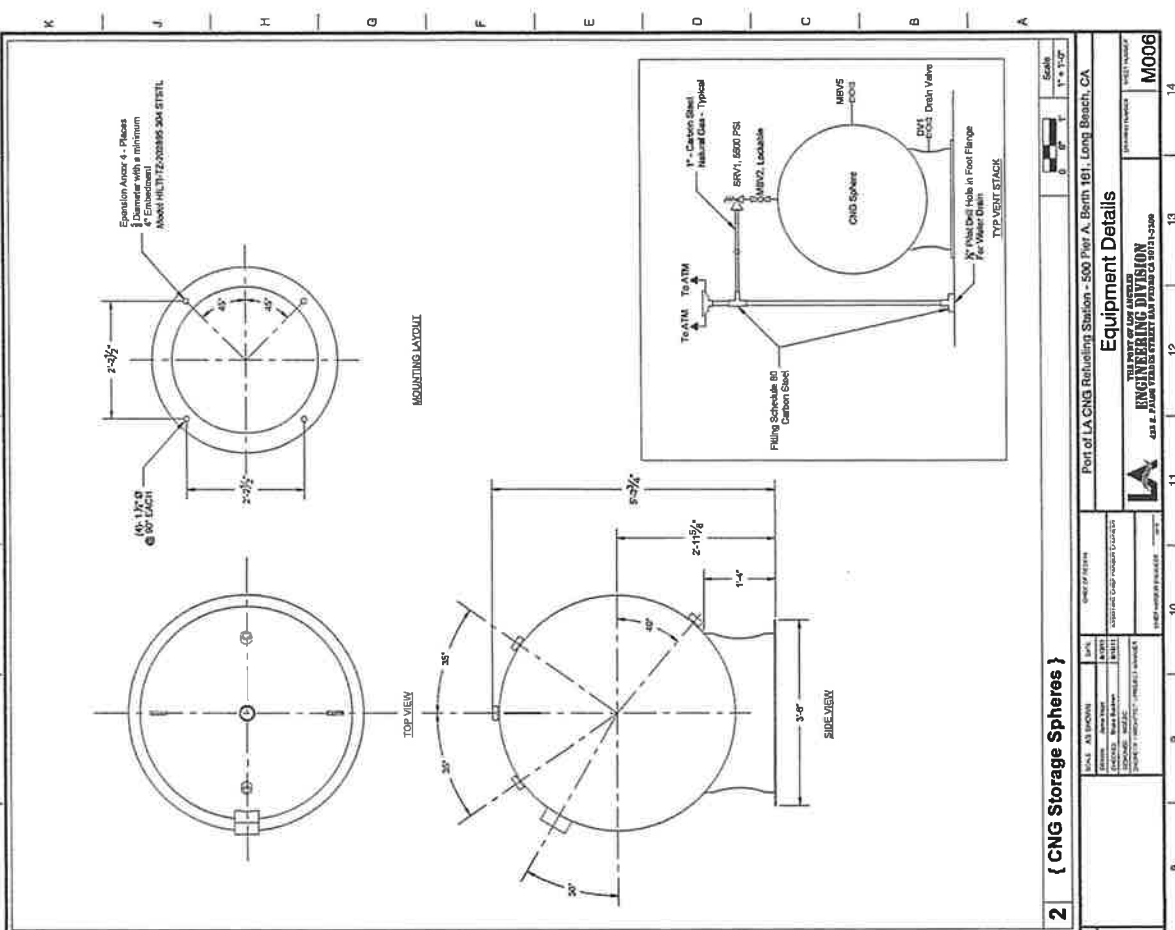
1 EARTHQUAKE SHUT OFF VALVE TRUSS ASSEMBLY
 MD05-A NTS

2 EARTHQUAKE SHUT OFF VALVE ASSEMBLY
 MD05-A NTS

REV. NO.		DATE	BY	CHKD.	DESCRIPTION
1					ISSUED FOR CONSTRUCTION
2					
3					
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11					
12					
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14					

SEALED 6/01 ORIG. STATION EXPANSION
EARTHQUAKE SHUT OFF VALVE ASSEMBLY DETAIL
 MD05-A NTS
 REVISED 11/00
LA
 HAZARDOUS WASTE DIVISION
 401 S. FLOWER ST. SUITE 400 LOS ANGELES, CA 90012-2009
 (213) 373-3333 FAX (213) 373-3340
 SDG-ID: 1006 | MD05-A

SC10-1205 M006



1 { Fast Fill CNG Dispenser }		2 { CNG Storage Spheres }	
REV	DATE	BY	CHKD
1	03/10/2010	00000	00000
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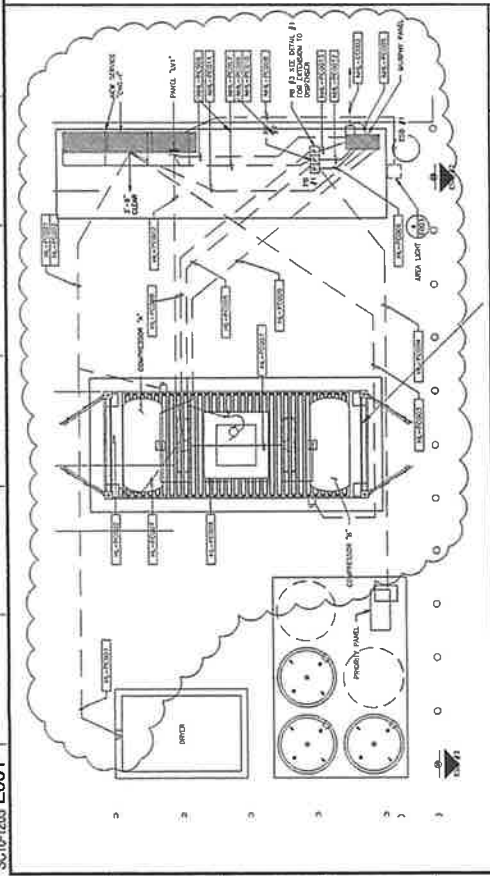
Scale: 1" = 1'-0"

Part of LA CNG Refueling Station - 500 Pier A, Berm 1B1, Long Beach, CA

Equipment Details

LA
DIVISION OF TRANSPORTATION
333 S. MAIN STREET, SUITE 1400, LONG BEACH, CA 90802-4209

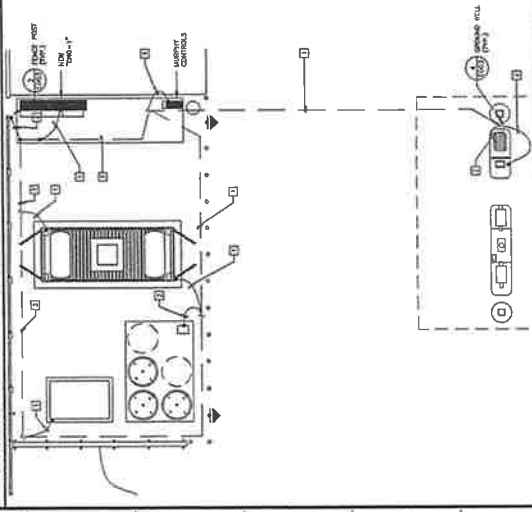
PROJECT NUMBER: M006



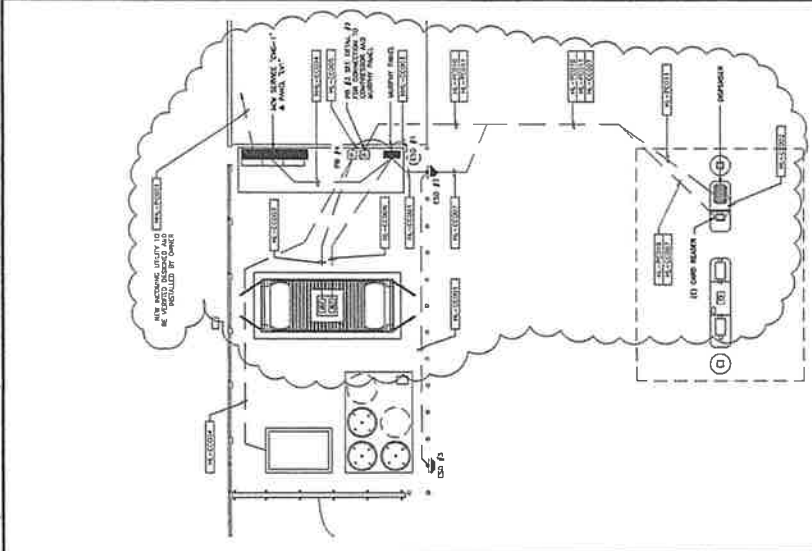
ENLARGED ELECTRICAL SITE PLAN
SCALE: 1/8" = 1'-0"

PLAN NOTES:

- 1) 1/2" SWG CONTROL GROUND CONDUCTOR
- 2) #4 BARE CONTROL GROUND CONDUCTOR
- 3) #252 BARE COPPER GROUND CONDUCTOR



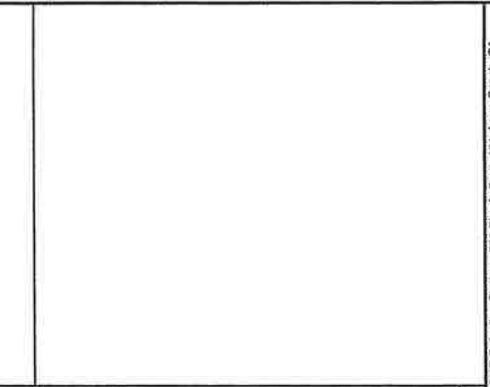
ELECTRICAL GROUNDING PLAN
SCALE: 1/8" = 1'-0"



ELECTRICAL SITE PLAN
SCALE: 1/8" = 1'-0"

SYMBOL LIST

- 1) PANEL MOUNTED AND/OR DETACHABLE TO CABINET, 7/8" DEPTH, 1/2" THICK, 1/2" WIDE, 1/2" HIGH, 1/2" DEPTH, 1/2" WIDE, 1/2" HIGH
- 2) WALL MOUNTED AND/OR DETACHABLE TO WALL, 1/2" THICK, 1/2" WIDE, 1/2" HIGH, 1/2" DEPTH, 1/2" WIDE, 1/2" HIGH
- 3) MOUNTING BRACKET FOR PANEL
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- 100) MOUNTING BRACKET FOR PANEL



DATE	1/10/10	BY	SC10-1205 E001
REVISION			
1	1/10/10	SC10-1205 E001	SC10-1205 E001

Post of L.A. CNGs (Refueling Station) - 600 Phor A. Berni, 181, Long Beach, CA

ELECTRICAL SITE PLANS AND SYMBOL LIST

ENGINEERING DIVISION

SC10-1205 E001

DATE	1/10/10	BY	SC10-1205 E001
REVISION			
1	1/10/10	SC10-1205 E001	SC10-1205 E001

SC10-1205 E002

SINGLE LINE DIAGRAM REF: ENCLOSURE

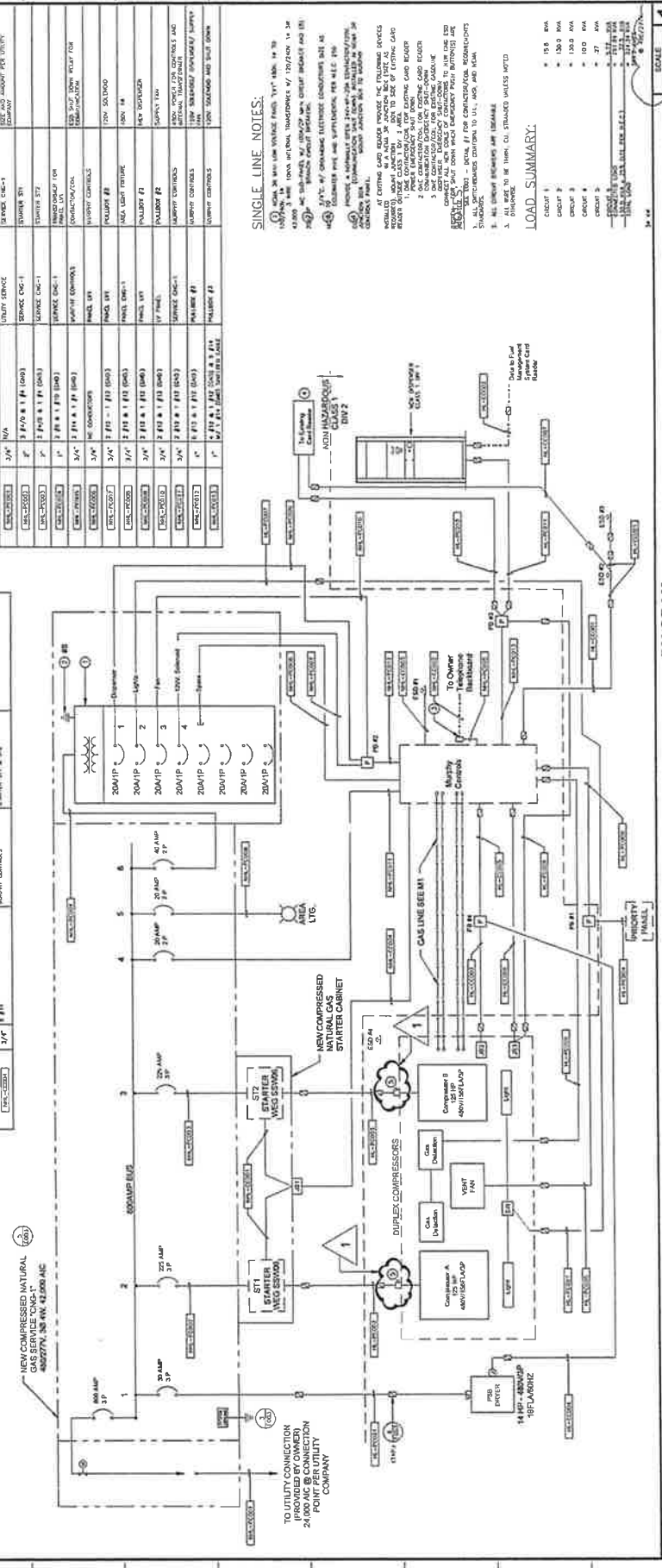
DESCRIPTION	TO	FROM
200 AMP 480VAC	480V	480V
200 AMP 480VAC	480V	480V
200 AMP 480VAC	480V	480V
200 AMP 480VAC	480V	480V
200 AMP 480VAC	480V	480V
200 AMP 480VAC	480V	480V
200 AMP 480VAC	480V	480V
200 AMP 480VAC	480V	480V
200 AMP 480VAC	480V	480V
200 AMP 480VAC	480V	480V
200 AMP 480VAC	480V	480V

ELECTRICAL COMMUNICATION CONDUIT SCHEDULE

CONDUIT	SIZE	TYPE	TO
1/2"	3/4"	R	TO NEW COMPRESSOR STARTER CABINET
3/4"	1"	R	TO NEW COMPRESSOR STARTER CABINET
1"	1 1/2"	R	TO NEW COMPRESSOR STARTER CABINET
1 1/2"	2"	R	TO NEW COMPRESSOR STARTER CABINET
2"	3"	R	TO NEW COMPRESSOR STARTER CABINET
3"	4"	R	TO NEW COMPRESSOR STARTER CABINET
4"	6"	R	TO NEW COMPRESSOR STARTER CABINET
6"	8"	R	TO NEW COMPRESSOR STARTER CABINET
8"	10"	R	TO NEW COMPRESSOR STARTER CABINET
10"	12"	R	TO NEW COMPRESSOR STARTER CABINET
12"	14"	R	TO NEW COMPRESSOR STARTER CABINET

ELECTRICAL POWER CONDUIT SCHEDULE

CONDUIT	SIZE	TYPE	TO
1/2"	3/4"	R	TO PANEL DSC-1
3/4"	1"	R	TO PANEL DSC-1
1"	1 1/2"	R	TO PANEL DSC-1
1 1/2"	2"	R	TO PANEL DSC-1
2"	3"	R	TO PANEL DSC-1
3"	4"	R	TO PANEL DSC-1
4"	6"	R	TO PANEL DSC-1
6"	8"	R	TO PANEL DSC-1
8"	10"	R	TO PANEL DSC-1
10"	12"	R	TO PANEL DSC-1
12"	14"	R	TO PANEL DSC-1



SINGLE LINE NOTES:

- 1. ALL NEW COMPRESSORS ARE 480VAC, 3PH, 3WT, 60HZ.
- 2. ALL NEW COMPRESSORS ARE 480VAC, 3PH, 3WT, 60HZ.
- 3. ALL NEW COMPRESSORS ARE 480VAC, 3PH, 3WT, 60HZ.
- 4. ALL NEW COMPRESSORS ARE 480VAC, 3PH, 3WT, 60HZ.
- 5. ALL NEW COMPRESSORS ARE 480VAC, 3PH, 3WT, 60HZ.
- 6. ALL NEW COMPRESSORS ARE 480VAC, 3PH, 3WT, 60HZ.
- 7. ALL NEW COMPRESSORS ARE 480VAC, 3PH, 3WT, 60HZ.
- 8. ALL NEW COMPRESSORS ARE 480VAC, 3PH, 3WT, 60HZ.
- 9. ALL NEW COMPRESSORS ARE 480VAC, 3PH, 3WT, 60HZ.
- 10. ALL NEW COMPRESSORS ARE 480VAC, 3PH, 3WT, 60HZ.

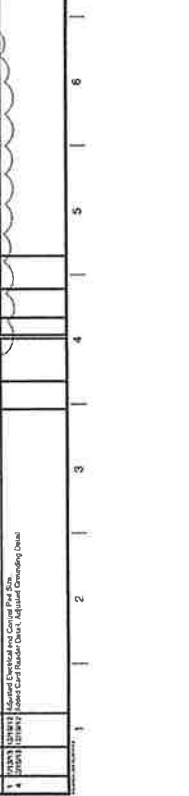
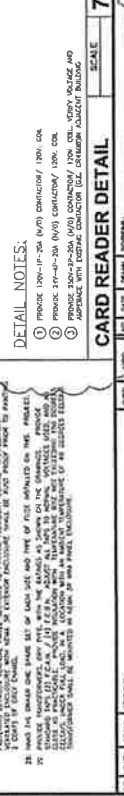
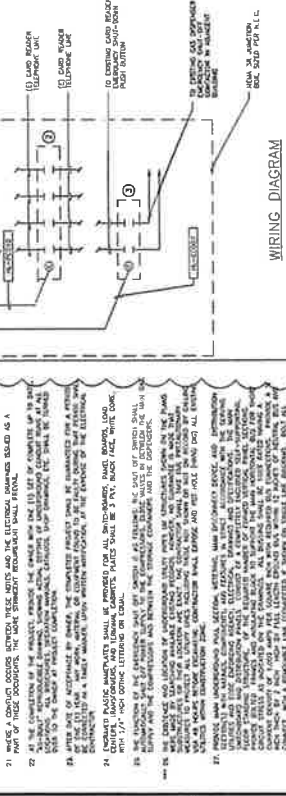
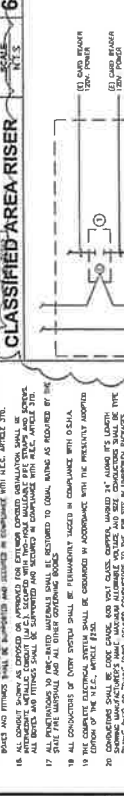
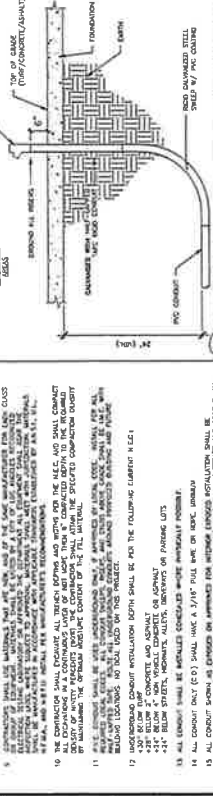
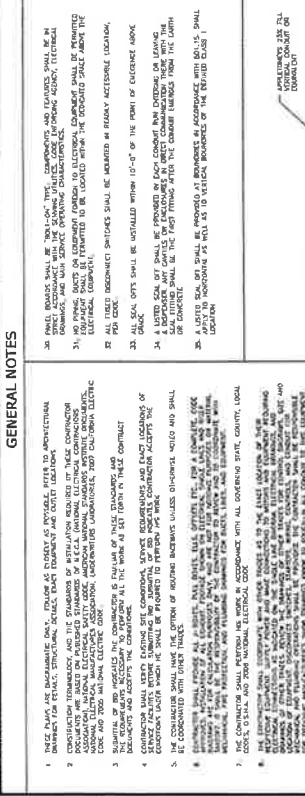
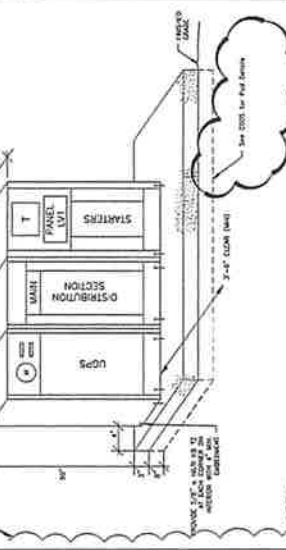
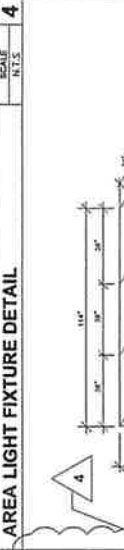
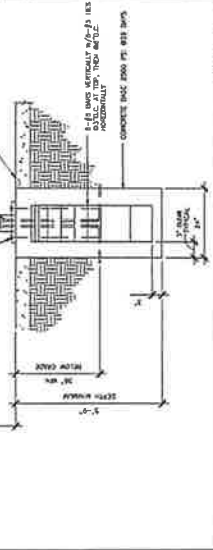
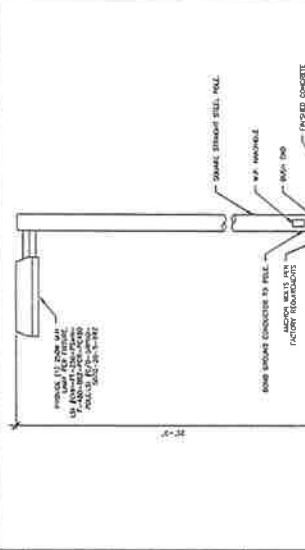
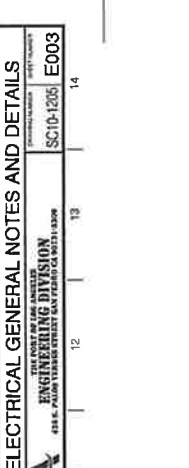
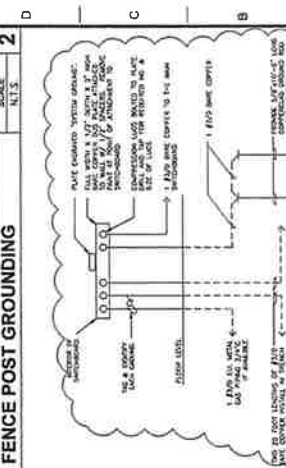
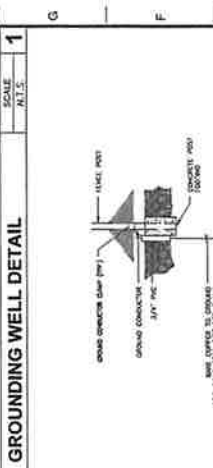
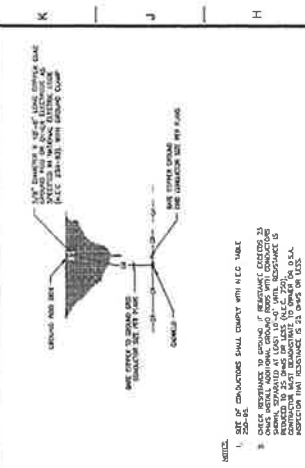
LOAD SUMMARY:

CIRCUIT	LOAD
CIRCUIT 1	150 KW
CIRCUIT 2	150 KW
CIRCUIT 3	150 KW
CIRCUIT 4	150 KW
CIRCUIT 5	150 KW
CIRCUIT 6	150 KW
CIRCUIT 7	150 KW
CIRCUIT 8	150 KW
CIRCUIT 9	150 KW
CIRCUIT 10	150 KW

PROJECT NO.	SC10-1205 E002
DATE	10/11/01
DESIGNED BY	J.G. HARRIS
CHECKED BY	J.G. HARRIS
APPROVED BY	J.G. HARRIS
SCALE	AS SHOWN
PROJECT LOCATION	900 Phor A, Barstow, CA
CLIENT	UNION PACIFIC RAILROAD
CONTRACT NO.	87-172
ISSUED FOR PERMITS	10/11/01

GENERAL NOTES

1. THESE NOTES ARE SUPPLEMENTARY TO THE NOTES ON THE DRAWINGS AND SHALL BE READ IN CONNECTION WITH THEM.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL MATERIALS AND LABOR REQUIRED FOR THE COMPLETION OF THE WORK.
3. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES.
4. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES.
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35. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES.



NO.	DATE	REVISION	BY	CHKD
1				
2				
3				
4				

PROJECT: LA CMS Rebuilding Station - 500 Post A, Bath, 661 Long Beach, CA

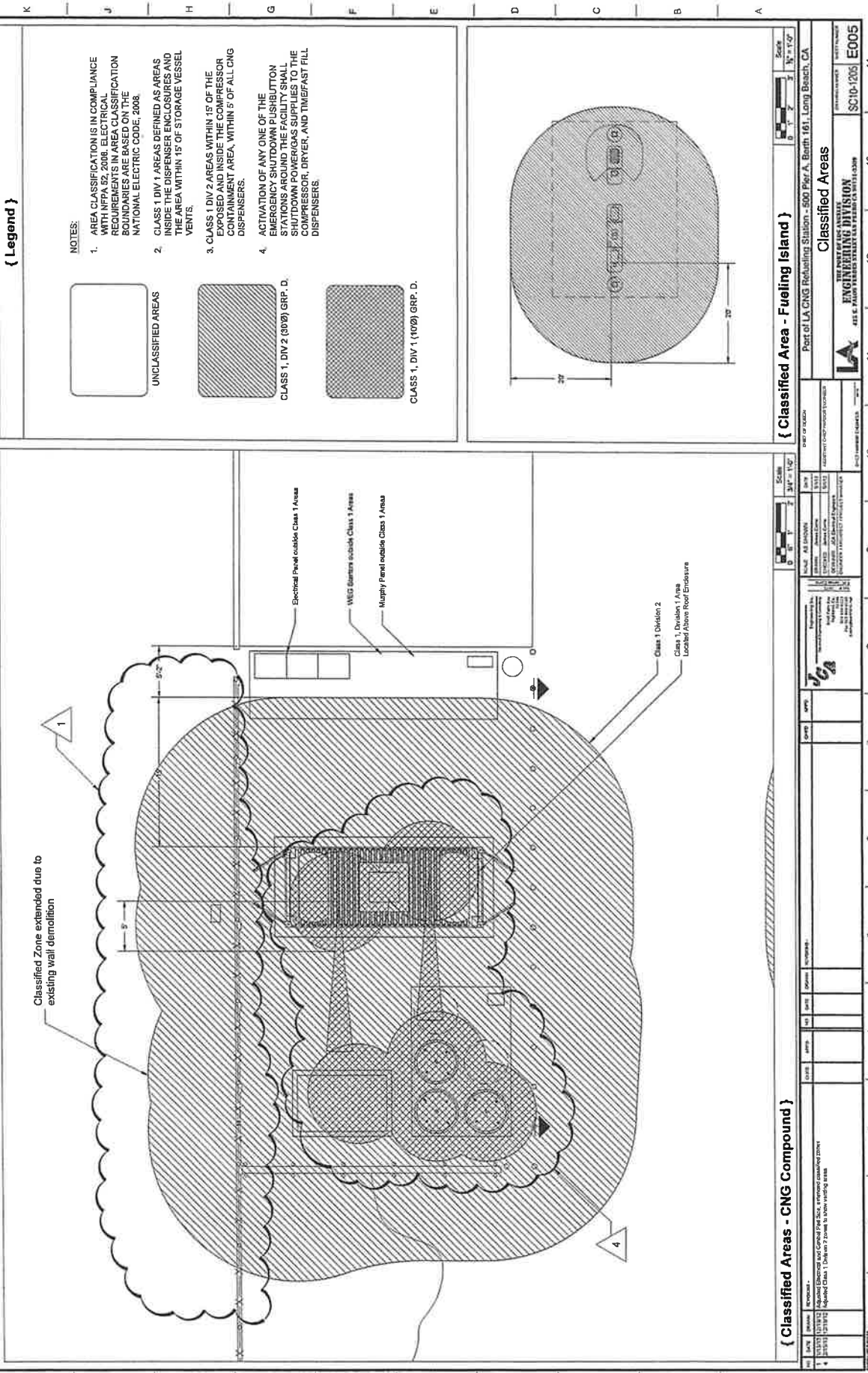
SCALE: N.T.S.

3

SYSTEM GROUNDING DETAIL

ENGINEERING DIVISION

SC10-1205 E003



{ Legend }

NOTES:

1. AREA CLASSIFICATION IS IN COMPLIANCE WITH NFPA 72, 2006. ELECTRICAL REQUIREMENTS IN AREA CLASSIFICATION BOUNDARIES ARE BASED ON THE NATIONAL ELECTRIC CODE, 2008.
2. CLASS 1 DIV 1 AREAS DEFINED AS AREAS INSIDE THE DISPENSER ENCLOSURES AND THE AREA WITHIN 15' OF STORAGE VESSEL VENTS.
3. CLASS 1 DIV 2 AREAS WITHIN 15' OF THE EXPOSED AND INSIDE THE COMPRESSOR ENCLOSURE AND WITHIN 5' OF ALL CNG DISPENSERS.
4. ACTIVATION OF ANY ONE OF THE EMERGENCY SHUTDOWN PUSHLUTTON STATIONS AROUND THE FACILITY SHALL SHUTDOWN POWER/GAS SUPPLIES TO THE COMPRESSOR, DRYER, AND TIMEFAST FILL DISPENSERS.

UNCLASSIFIED AREAS

CLASS 1, DIV 2 (30'Ø) GRP. D.

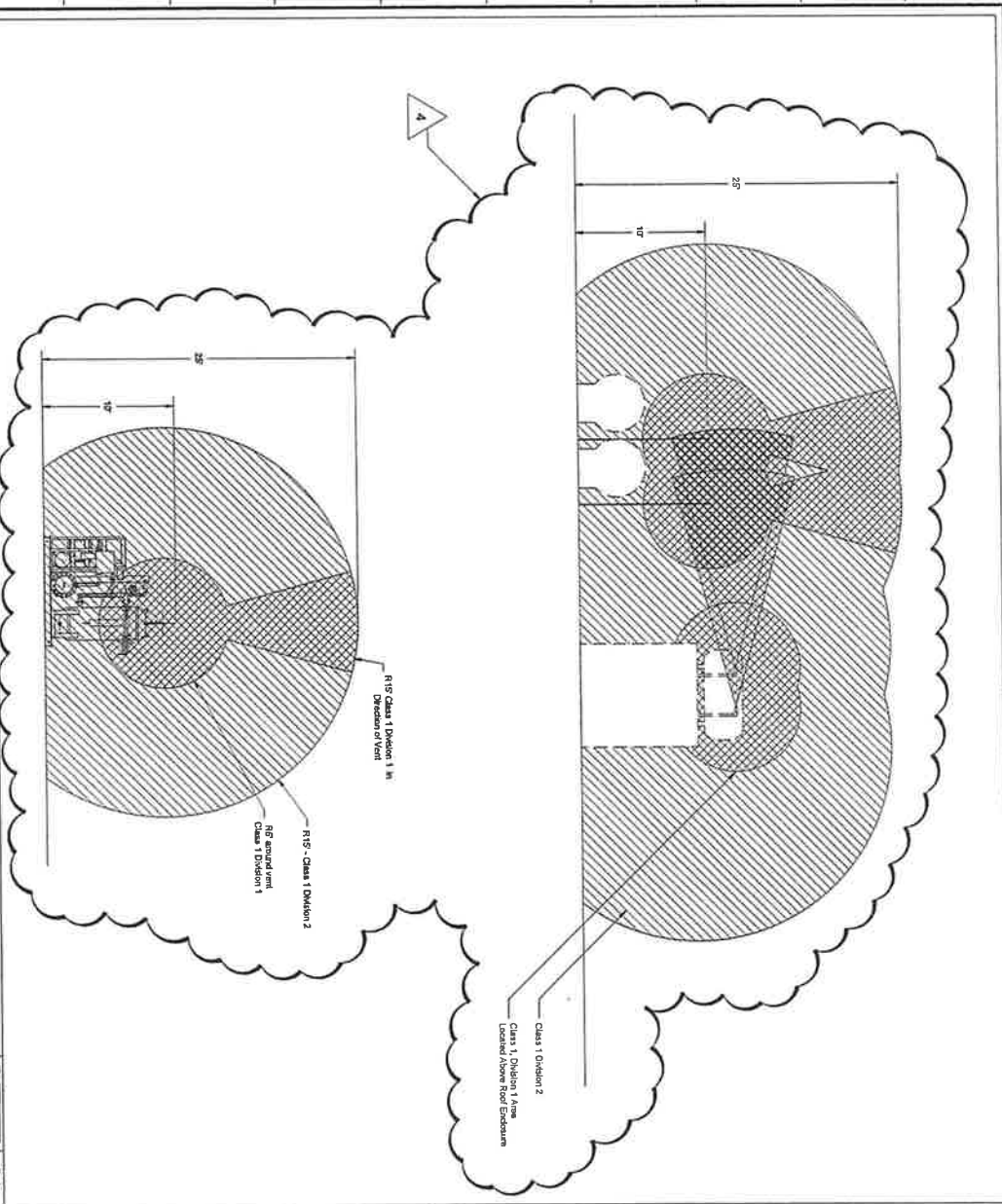
CLASS 1, DIV 1 (10'Ø) GRP. D.

{ Classified Areas - CNG Compound }

{ Classified Area - Fueling Island }

DATE	REVISION	BY	CHK	APP	DESCRIPTION
12/15/10	1	JGA			Initial Design
12/15/10	2	JGA			Revised Class 1 Division 2 Zone to show existing areas

PROJECT NO.	SC10-1206
PROJECT NAME	LA CHNG Refueling Station - 500 Pkg. A, Benth 161 Long Beach, CA
CLIENT	LA CHNG Refueling Station
ENGINEER	JGA
SCALE	3/4" = 1'-0"
DATE	12/15/10



{ Classified Areas - Fast Fill Dispenser }

NO.	DATE	DESCRIPTION	BY	CHECKED	SCALE	STATUS
1	08/15/2011	ISSUED FOR PERMITTING	LA	LA	AS SHOWN	FOR PERMITTING
2	08/15/2011	REVISED TO ADD COMMENTS	LA	LA	AS SHOWN	FOR PERMITTING
3	08/15/2011	REVISED TO ADD COMMENTS	LA	LA	AS SHOWN	FOR PERMITTING
4	08/15/2011	REVISED TO ADD COMMENTS	LA	LA	AS SHOWN	FOR PERMITTING
5	08/15/2011	REVISED TO ADD COMMENTS	LA	LA	AS SHOWN	FOR PERMITTING
6	08/15/2011	REVISED TO ADD COMMENTS	LA	LA	AS SHOWN	FOR PERMITTING
7	08/15/2011	REVISED TO ADD COMMENTS	LA	LA	AS SHOWN	FOR PERMITTING
8	08/15/2011	REVISED TO ADD COMMENTS	LA	LA	AS SHOWN	FOR PERMITTING
9	08/15/2011	REVISED TO ADD COMMENTS	LA	LA	AS SHOWN	FOR PERMITTING
10	08/15/2011	REVISED TO ADD COMMENTS	LA	LA	AS SHOWN	FOR PERMITTING
11	08/15/2011	REVISED TO ADD COMMENTS	LA	LA	AS SHOWN	FOR PERMITTING
12	08/15/2011	REVISED TO ADD COMMENTS	LA	LA	AS SHOWN	FOR PERMITTING
13	08/15/2011	REVISED TO ADD COMMENTS	LA	LA	AS SHOWN	FOR PERMITTING
14	08/15/2011	REVISED TO ADD COMMENTS	LA	LA	AS SHOWN	FOR PERMITTING

LA
 ENGINEERING DIVISION
 4344 PYLE AVENUE, SUITE 100
 FORT WORTH, TEXAS 76105-3208
 TEL: 817.339.2222
 FAX: 817.339.2223
 WWW.LAENGINEERING.COM

Part of LA CNG Refueling Station - 500 Pyle Ave. North, Fort Worth, TX
Classified Areas
 SC10-1205 E007

{ Legend }

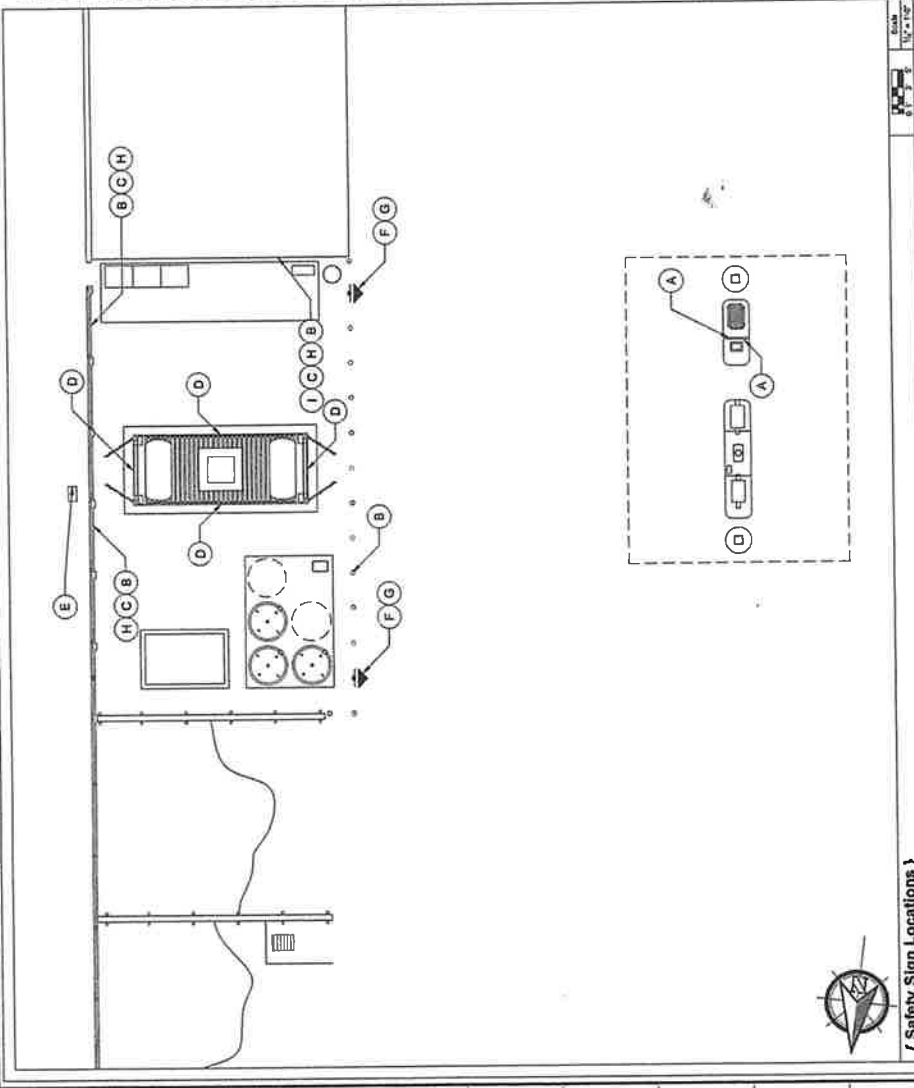
UNCLASSIFIED AREAS

CLASS 1, DIV 2 (3000) GRP. D.

CLASS 1, DIV 1 (1000) GRP. D.

- NOTES:
1. AREA CLASSIFICATION IS IN COMPLIANCE WITH THE NATIONAL ELECTRICAL REQUIREMENTS IN AREA CLASSIFICATION BOUNDARIES ARE BASED ON THE NATIONAL ELECTRIC CODE, 2008.
 2. CLASS 1 DIV 1 AREAS DEFINED AS AREAS INSIDE THE DISPENSER ENCLOSURE AND THE AREA WITHIN 10' OF STORAGE VESSEL VENTS.
 3. CLASS 1 DIV 2 AREAS WITHIN 15' OF THE EXPOSED AND INSIDE THE COMPRESSOR CONTAINMENT AREA, WITHIN 5' OF ALL CNG DISPENSERS.
 4. ACTIVATION OF ANY ONE OF THE EMERGENCY SHUTDOWN PUSHBUTTON STATIONS AROUND THE FACILITY SHALL SHUTDOWN POWER GAS SUPPLIES TO THE COMPRESSOR, DRYER, AND TIMEFAST FILL DISPENSERS.

SC10-1206 SS001



{ Safety Sign Locations }

QTY / SIGN REF.	SYMBOL	SIGN SPECIFICATIONS
2		Sign Material: 30" x 12" - 1/2" Die-Cut vinyl on 1/8" aluminum, rounded corners, bonded with corners or blank. 2" high red letters with white background. Location: At each side of the entrance.
1		Sign Material: 30" x 12" - 1/2" Die-Cut vinyl on 1/8" aluminum, rounded corners, bonded with corners or blank. 2" high red letters with white background. Location: At the top of the ramp leading to the City Clerk's Conference Room.
3		Sign Material: 30" x 12" - 1/2" Die-Cut vinyl on 1/8" aluminum, rounded corners, bonded with corners or blank. 2" high red letters with white background. Location: On each side of the entrance.
3		Sign Material: 30" x 12" - 1/2" Die-Cut vinyl on 1/8" aluminum, rounded corners, bonded with corners or blank. 2" high red letters with white background. Location: On each side of the entrance.
4		Sign Material: 30" x 12" - 1/2" Die-Cut vinyl on 1/8" aluminum, rounded corners, bonded with corners or blank. 2" high red letters with white background. Location: On each side of the entrance.
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2		Sign Material: 30" x 12" - 1/2" Die-Cut vinyl on 1/8" aluminum, rounded corners, bonded with corners or blank. 2" high red letters with white background. Location: On each side of the entrance.
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DATE	SCALE	DATE	SCALE	DATE	SCALE	DATE	SCALE	DATE	SCALE	DATE	SCALE	DATE	SCALE	DATE	SCALE
<p>Part of LA CNG Refueling Station - 500 Post A, Bethel, Lemo, Bessie, CA.</p> <p>SS001</p> <p>LA COUNTY ENGINEERING DIVISION</p> <p>SC10-1206 SS001</p>															