

May 5, 2014
BOARD OF COUNTY COMMISSIONERS
ORANGE COUNTY, FLORIDA
Addendum No. 6, IFB Y14-782-RM

**ORANGE COUNTY ROADS AND DRAINAGE DIVISION - THREE POINTS
MAINTENANCE FACILITY**

Bid Opening Date: May 13, 2014 at 2:00 P.M.

This addendum is hereby incorporated into the bid documents of the project referenced above. The following items are clarifications, corrections, additions, deletions and/or revisions to, and shall take precedence over, the original documents. Underlining indicates additions, deletions are indicated by ~~strikethrough~~.

A. The bid opening date remains May 13, 2014 at 2:00 P.M.

B. Additions, Deletions and Clarifications:

1. The following drawings, have been revised:
 - a. Sheet E4.3 Dated 04-29-2014. ADD: Lights to the end bay (grid A-B/0-1) of the garage workshop building (see attached).
2. Revised specification Section 16621- Standby Emergency Generator – Radiator Cooled Engine. Part 2: 2.8.H.1
 - a. ~~DELETE: Primary tank shall be of concrete, and must be on current approve EPD list.~~
 - b. ADD: Primary tank shall be integral to base of generator unit, made of steel and must meet all current FDEP regulations.
3. Revised specification Section 16621- Standby Emergency Generator – Radiator Cooled Engine. Part 2: 2.8.H.2
 - a. ~~DELETE: Fuel tank shall be provided with lightning protection per NFPA 780 standards and be part of the UL master label for the facility.~~
4. Revised specification Section 16621- Standby Emergency Generator – Radiator Cooled Engine. Part 2: 2.8.H.6
 - a. ~~DELETE: Day Tank shall be skid mounted integral to the unit and enclosure. Day Tank shall be constructed of a minimum 10 gauge ASTM A36 Mild steel. The day tank shall be equipped with three pumps: Two 4 GPM supply pumps and one 7 GPM return pump~~

~~(adequately sized to keep up with minimum two times the engine transfer pump maximum flow rate). Pumps shall be coupled to an adequately sized, totally enclosed fan-cooled electric motor. The motors shall be installed on the tank top and factory wired to pump control panel or motor starters if required. Supply pumps shall arrive on-site with pressure side pre-plumbed to the day tank supply connections. Suction side shall be connected with field piping by the responsible contractor. Supply pumps shall be shipped with a check valve installed on the pressure side. One normally-closed solenoid valve shall be installed on the suction side of each supply pump. These valves shall be factory wired to the pump control panel. The return pump shall arrive on site with suction side pre-plumbed to a tank fitting with suction tube. Discharge side of the pump shall be connected with field piping by the responsible contractor. A leak sensor probe assembly shall be provided in order to detect liquid in the tank interstitial space. The leak sensor shall be wired to the pump control panel. A visual mechanical leak detection gauge shall also be provided. The primary vent assembly shall be shipped loose, for installation by the mechanical contractor. An emergency vent shall be provided for the primary and secondary tanks, including a pressure-activated vent cap on each vent fitting.~~

5. Revised specification Section 16621- Standby Emergency Generator – Radiator Cooled Engine. Part 2: 2.8.H.7
 - a. ~~DELETE: Size of tank shall be the larger of the following (submit calculations based on proposed generator provider):~~
 - Primary tank:
 - a) ~~Size as required by NFPA 110.~~
 - b) ~~500 Gallons based 24 hours of full load operation.~~
 - Day tank:
 - a) ~~Size as required by NFPA 110.~~
 - b) ~~Sized for 3 hours of full load operation.~~
 - b. ADD: Tank shall be sized based on 24 hours of full load operation. Submit calculations based on proposed generator provider.
6. ADD: Specification Section 16621, part 3.4 FUEL TANK INSTALLATION. Successful bidder shall coordinate and notify Orange County of delivery date of all fuel tanks and generators prior to delivery of these items; so that Orange County Risk Management can inspect said items prior to

tanks and generators being offloaded. As generator has a stand-alone tank, it is considered a aboveground storage tank and is regulated by FDEP Regulations Chapter 62-762.

7. **Question:** Section 15605 FUEL TANK AND ACCESSORIES, Part 3.1 GENERAL REQUIREMENTS; Letter V. Tank shall be filled with fuel by contractor as soon as it is anchored and backfilled. Is this cost to be in our base bid?

Answer: Yes. However, No fuel can be placed in the tank until the FDEP approves the installation. In addition, successful bidder shall coordinate and notify Orange County of delivery date of all fuel tanks and generators prior to delivery of these items; so that Orange County Risk Management can inspect said items prior to tanks and generators being offloaded.

C. ACKNOWLEDGEMENT OF ADDENDA

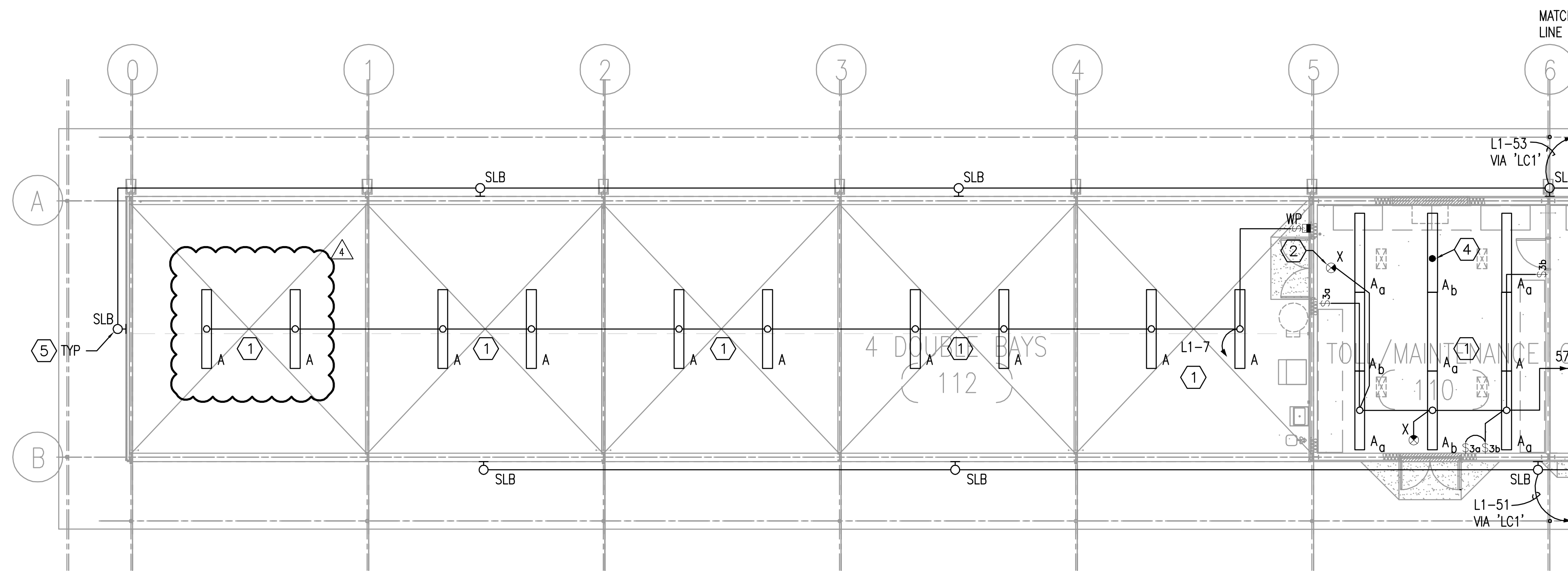
- a. The Bidder/Proposer shall acknowledge receipt of this addendum by completing the applicable section in the solicitation or by completion of the acknowledgement information on the addendum. Either form of acknowledgement must be completed and returned not later than the date and time for receipt of the bid or proposal.
- b. **Receipt acknowledged by:**
- c. All other terms and conditions of the IFB remain the same.

Authorized Signature

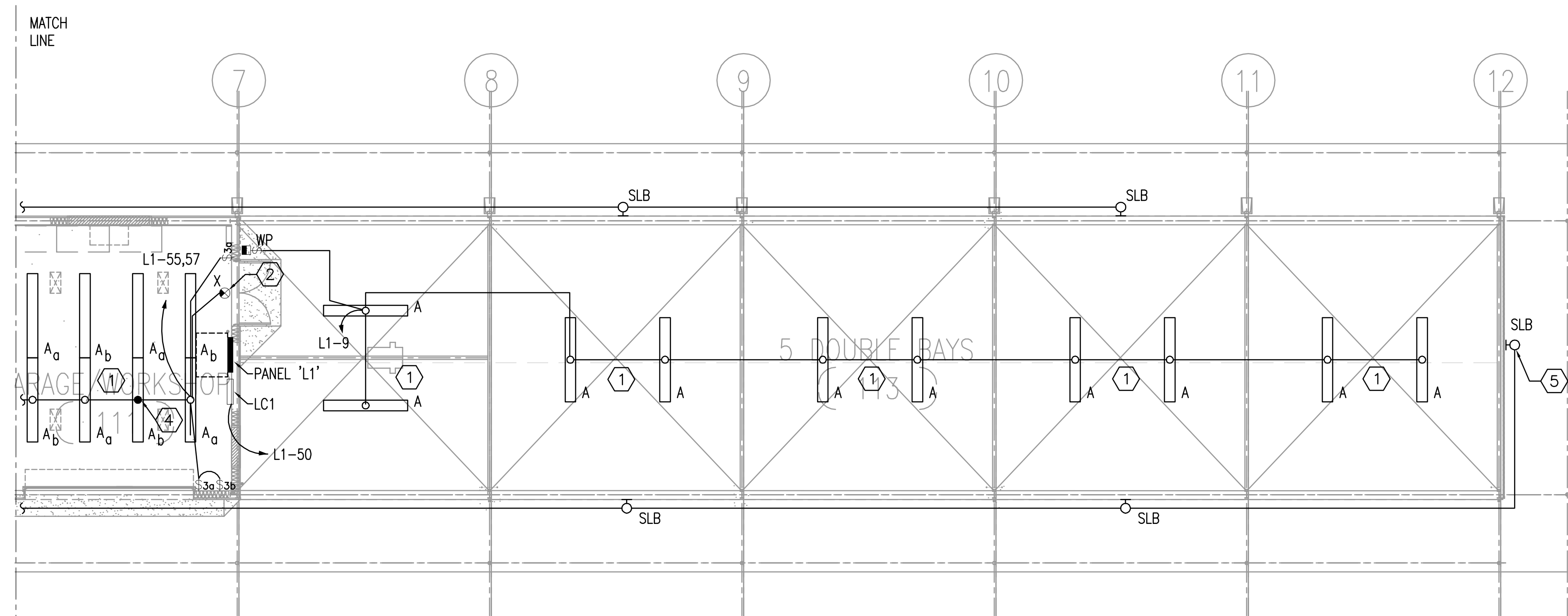
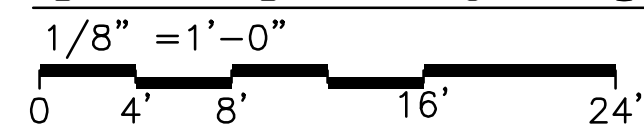
Date Signed

Title

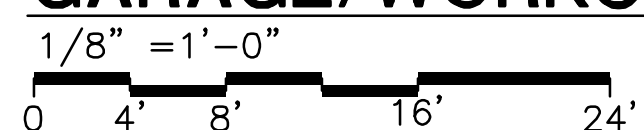
Name of Firm



GARAGE/WORKSHOP AND EQUIPMENT/TOOL STORAGE/JOIST BAYS-WEST-LIGHTING



GARAGE/WORKSHOP AND EQUIPMENT/TOOL STORAGE/JOIST BAYS-EAST-LIGHTING

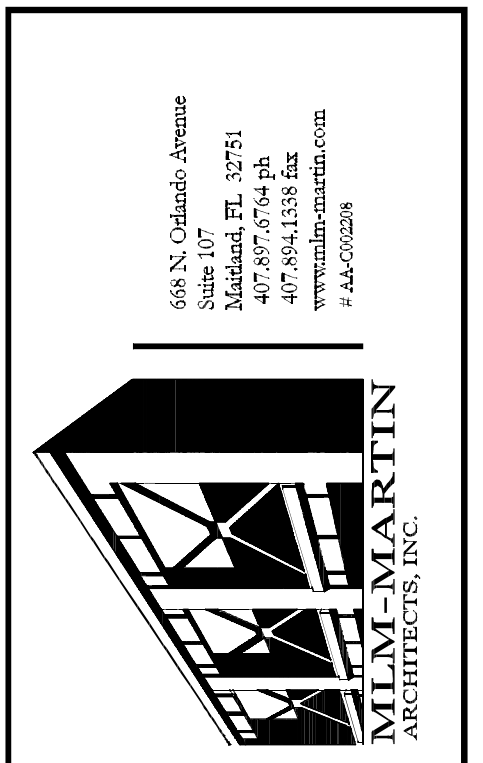


GENERAL NOTES

- 1) REFER TO GENERAL NOTES FOR THIS DISCIPLINE.
- 2) REFER TO SPECIFICATIONS.
- 3) NO MULTI-WIRE BRANCH CIRCUITS ARE TO BE USED. EACH CIRCUIT IS TO HAVE SEPARATE INDIVIDUAL NEUTRAL.

HEX NOTES

- ① SUSPEND 'A' TYPE FIXTURES 13'-0" AFF TO BOTTOM. REFER TO FIXTURE SCHEDULE FOR MOUNTING REQUIREMENTS.
- ② CONNECT EXIT LIGHTS TO LIGHTING CIRCUIT AHEAD OF SWITCH.
- ③ TRUCK WASH BAY. SEE DETAIL ON SHEET E4.1.
- ④ PROVIDE AND INSTALL SINGLE EMERGENCY BATTERY UNIT W/TEST BUTTON, PILOT LIGHT AND 1100 LUMEN OUTPUT. CONNECT BATTERY UNIT TO LIGHTING CIRCUIT AHEAD OF SWITCH.
- ⑤ MOUNT 10'-0" AFF TO BOTTOM OF FIXTURE. COORDINATE WITH ARCHITECTURAL DRAWINGS.



THREE POINTS MAINTENANCE FACILITY
ORANGE COUNTY PUBLIC WORKS COMPLEX
 4651 YOUNG PINE ROAD
 ORLANDO, FLORIDA 32829
 ORANGE COUNTY, FLORIDA

GARAGE / WORKSHOP PLAN - LIGHTING



| PROJECT TITLE | | | |
|-------------------|------------|-----------------|-----|
| NO. | DATE | ISSUE | BY |
| △ | 09-19-2013 | 95% ISSUE | CHC |
| △ | 01-17-2014 | 100% ISSUE | |
| △ | 02/28/14 | CORR.#1& ADD.#1 | |
| △ | 04/15/14 | ADDENDUM #3 | |
| △ | 04/29/14 | ADDENDUM #4 | |
| REVISIONS | | | |
| Date: 01-17-2014 | | | |
| Drawn: RB | | | |
| Chck: CT | | | |
| Apprvd: | | | |
| Project: 2013-127 | | | |

DRAWING DATA

SEAL

E4.3

SHEET NO.
 PHASE: PERMITTING
 CADD FILE: THREE P

mp MATERN PROFESSIONAL ENGINEERING, INC.
 ENG. BUS. No. EB-0009096
 CERT. OF AUTH. No. 5096
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