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**ADDENDUM NO. 1 TO PROJECT NO. 44595**

**CONSTRUCTION WORK, HVAC WORK,  
PLUMBING WORK, ELECTRICAL WORK  
PROVIDE ADDITION TO EXISTING BUILDING,  
MAINTENANCE SUBHEADQUARTERS  
DOT REGION 8, ORANGE COUNTY  
NEELYTOWN ROAD  
MAYBROOK, NY**

March 26, 2014

**NOTE:** This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

**CONSTRUCTION WORK SPECIFICATION GROUP**

1. SECTION 015213 STATE FIELD OFFICE: Add the accompanying section (pages 015213 – 1 thru 015213 – 4) to the Project Manual.
2. Page 042000-2:
  - a. Subparagraph 2.02 F. 1(second F. 1): “Bullnose units.”: Delete this subparagraph.
  - b. Subparagraph 2.02 F. 2: Delete this subparagraph.
3. Page 102813-4, Change Article 2.07 to Read:

**“2.07 WASTE RECEPTACLES - RECESSED (WR-R)**

- A. Units fabricated of 22 gage stainless steel with cabinet access door, and removable and reusable metal or rigid molded plastic waste container equipped with lifting handle. Fabricate door of 22 gage stainless steel double-pan, or 18 gage stainless steel single-pan, construction. Mount door on full length, continuous stainless steel hinge. Approximate overall size: 48 inches high x 14 inches wide x 7 inches deep. Minimum capacity of waste container: 1.3 cu ft. Units shall have integral trim flange and key access.”

**HVAC WORK SPECIFICATION GROUP**

4. Pages 238237-1 and 2, Change Article 2.02 A thru G to Read:

**“2.02 BASEBOARD RADIATORS**

- A. Enclosure (Standard): Sloping top design fabricated from minimum 16 USS gage sheet steel, with integral pencil-proof top outlet louver.
1. Supported at top by continuous wall mounting strip, and at bottom by enclosure/element brackets.
  2. Gusset plates extending from the top and front of enclosure maintains shape during shipment and after installation.
  3. Welded male and female slip joints at each end to allow for positive engagement and alignment of adjoining enclosures.
- B. Heating Elements: Fabricate heating elements from seamless copper tubing, 3/4” or 1” nominal size as indicated, with aluminum fins securely bonded to the tubing by mechanical expansion of the tubing, or equivalent method as approved by the Director. Furnish copper tube with a minimum wall thickness of .032” for 3/4” tube and .035” for 1” tube. Provide fins a minimum of .010” thick, of size and in number per lineal foot of element, as indicated. Furnish fins with an integral finned collar and a stamped pattern for strength and rigidity. Furnish tube ends suitable for use with solder fittings. Do not utilize welding, brazing or soldering in the fabrication of heating elements.
- C. Enclosure Mounting Devices:
1. Wall Mounting Strip: One piece roll formed sheet steel, with continuous full length channel with 3/8 inch wide high temperature open cell polyurethane seal gasket, and finish to match enclosure.
    - a. Material Thickness: Minimum 20 gage.
    - b. Positions top of enclosure 3/4 inch from wall to prevent damage to wall during installation or removal of enclosure.
    - c. Rigidly locks top of enclosure into place.
  2. Back Plate: One piece preformed plate fabricated from minimum 14 gage sheet steel with continuous full length top and bottom mounting strips, and 3/8 inch wide high temperature open cell polyurethane seal gasket.
    - a. Back Plate Height: Full enclosure height.
  3. Enclosure/Element Bracket: Fabricated from No. 14 USS gage die formed sheet steel with mounting holes for sliding cradle.
    - a. Attaches to wall mounting strip, rigidly locks bottom of enclosure into place, and supports element cradle.
    - b. Maximum Spacing: 2’-0” on centers.
  4. Cradles: Fabricated from minimum No. 16 USS gage die formed sheet steel.
    - a. Designed to slide easily and silently on support arms, and allows lengthwise movement of elements during expansion and contraction.
    - b. Allows adjustment of pitch and alignment of elements.
    - c. Maximum Spacing: 4’-0” on center.
  5. Dampers: Full length, full depth, anti-jam type, flanged or rolled for rigidity, and fabricated from minimum No. 20 USS gage sheet steel with factory baked on black enamel finish.
    - a. Operator: Knob type with threaded screw and trunnion device.

6. Access Panels: Full enclosure height by 12 inches wide, fabricated of the same material as enclosure, with minimum 8 inches x 8 inches hinged access door.
  - a. Operator: Knob type.
  - b. Install access panels for each control, shutoff and balancing valve installed in enclosure.
  
- D. Accessories: Provide inside and outside corner pieces, wall-to-wall trim strips, joiner strips, access doors at all valve and vent locations, and other miscellaneous trim pieces of the same manufacture, gage and finish as the enclosures.
  
- E. Finish (Enclosures and Accessories: Steel parts cleaned and phosphatized, and finished with factory baked on primer and factory baked on enamel finish coat.
  1. Color: As selected by the Director from the manufacturer's standard finish chart."

**DRAWINGS**

5. Drawing No. S-510:
  - a. Detail 7/S-510: Change note "1/2x8x8 bearing plate with 1/2" diameter studs embedded 3" min. in solid grout at 2'-0" O.C." to Read:  
  
"1/2x8x8 bearing plate with 1/2" diameter studs embedded 3" min. in solid grout at 4" O.C."
  
6. Revised Drawings, C Contract:
  - a. Drawing Nos. L-100 and A-400, noted "ADDENDUM DRAWING dated 3/24/2014" accompany this Addendum and supersede the same numbered originally issued drawings.
  
7. Revised Drawings, E Contract:
  - a. Drawing Nos. E-100 and ER-100, noted "ADDENDUM DRAWING dated 3/24/2014" accompany this Addendum and supersede the same numbered originally issued drawings.

**END OF ADDENDUM**

Margaret F. Larkin  
Acting Director of Design

## **SECTION 015213**

### **STATE FIELD OFFICE**

#### **PART 1 GENERAL**

##### **1.01 SECTION INCLUDES**

- A. Provide and maintain a field office comprised of new or newly refurbished custom built mobile or relocatable office units as approved, new or newly refurbished, new or newly refurbished furniture, and new equipment, stair and ramp for the sole use of the Director's Representative and staff. Include temporary services and accessories necessary for use of the items specified.

##### **1.02 SUBMITTALS**

- A. Waiver of Submittals: The "Waiver of Certain Submittal Requirements" in Section 01330 does not apply to this Section.
- B. Shop Drawings:
  - 1. Site Plan: Show location of field office where directed. Indicate holding tank, utility services, and connections.
  - 2. Submit trailer layout.
- C. Product Data: Catalog sheets, specifications, and installation instructions, for all major items. Submit within 5 days of notice to proceed.

##### **1.03 SCHEDULING**

- A. Provide units, ready for occupancy by the Director's Representative and staff, within 15 days after shop drawings specified above are approved.

##### **1.04 QUALITY ASSURANCE**

- A. Accessibility Requirements: Provide fully accessible units including stairs and ramps that comply with ICC/ANSI A117.1 as referenced by the Building Code of New York State.
- B. Provide units and all related utility connections in accordance with the NYS Uniform Fire Prevention and Building Code.
- C. Provide certification insignia from New York Department of State that certifies trailer unit is code compliant.

## **PART 2 PRODUCTS**

### **2.01 MOBILE OR RELOCATABLE OFFICE UNITS**

- A. Manufacturers/Companies:
  - 1. ModSpace, 1620 Route 9, Clifton Park, NY 12065-0511, (518) 371-0384, www.modspace.com.
  - 2. Williams Scotsman, Corporate Headquarters, 8211 Town Center Dr., Baltimore, MD 21236, (800) 782-1500, www.willscot.com.
  - 3. Anchor Modular Buildings, PO Box 100, Medford, NJ 08055, (866) 396-0227, www.anchormodular.com.
  
- B. Number, Approximate Size and Model:
  - 1. One, approximately 32 feet x 10 feet.
  
- C. Office Unit Requirements:

NOTE: Units shall be equipped with heavy duty Security Screening over all glass areas and one Lockable Heavy Duty Door Bar at each door. Provide two exterior type weatherproof locks for the door bar w/6 keys. Submit product data to Director's Representative for approval.

- 1. Ceiling Height: 8'-0" minimum.
- 2. Insulation: Exceed code required minimums for insulation.
  - a. Provide insulation under floor of unit.
  - b. Provide insulated skirting with minimum 2" type SM rigid insulation around entire unit between the ground and the trailer.
- 3. Exterior Doors:
  - a. Minimum 2 doors, minimum 36 inches wide.
  - b. Key-in-lever locksets with 4 sets of keys.
- 4. Windows: Provide a minimum of 8 windows with insect screens.
- 5. Complete heating and air conditioning system with sufficient capacity to maintain a summer office temperature of no higher than 75 degrees F on a 95 degree day and a winter office temperature of no lower than 70 degrees F on a 0 degree day.
- 6. VCT or sheet vinyl floor finish.
- 7. Interior partitions to be wood 2 x 4 framing with ½" vinyl covered gypsum board.
- 8. Fluorescent lights in all rooms as required to maintain a minimum of 60-foot candles at desktop level.
- 9. Bulletin board (4 feet x 6 feet).
- 10. Pre-wire unit for voice and data (2 connections each) at four locations as directed.
- 11. Toilet room with toilet, grab bars, toilet tissue dispenser, lavatory, built-in medicine cabinet, paper towel dispenser and mirror.
- 12. Lavatory with hot and cold water.
- 13. Closet.
- 14. Provide and maintain temporary electrical, sewer, and water service.

## **2.02 FURNITURE AND EQUIPMENT**

- A. Furniture:
1. Three swivel type chairs with arms suitable for use at office desks.
  2. Eight straight back stackable chairs.
  3. Three lockable metal office desks, 30 x 60 inches, double pedestal type with keys.
  4. One drafting table, 37 x 60 inches.
  5. One conference table, 44 x 96 inches.
  6. One "Planhold" plan rack, adjustable height, floor supported cantilever type, with plan clamps or plan rack sticks.
  7. Two lockable 4-drawer legal size file cabinet.
  8. One 4' x 6' wall mounted dry erase board mounted where directed.
- B. Office Equipment – Provide:
1. One multifunction Printer – Oki Data MC561 MFP (Multi function with options to Internet, fax, LAN fax, print and scan). No substitution will be allowed. The machine must be compatible with NY State computer system. Provide one-year service agreement, paid in advance.
  2. Phone System: No substitutions will be allowed. Phone system must be compatible with NY State phone system.
    - a. One main line telephone and answering machine, 4 line integrated - Panasonic KX-TS4300B with speaker phone.
    - b. Two extension phones – Panasonic KX-TS4100B.
  3. One refrigerated bottled water dispenser, (Hot & Cold Type) with Cold Compartment, cups, bottled water and necessary supplies. Provide water and cups for duration of contract.
  4. One first aid kit.
  5. Fire Extinguisher: Multipurpose Dry-Chemical Type in Steel Container UL-rated 20-A:120-B:C, 20-lb nominal capacity, with monoammonium phosphate-based dry chemical in enameled-steel container.
  6. One standard metal bookcase at least 4 foot wide x 4 feet high with minimum 4 adjustable shelves.
  7. One 4.4 cubic feet compact refrigerator: Sears Item # 04694299000P Model # 94299.

## **PART 3 EXECUTION**

### **3.01 INSTALLATION**

- A. Locate field office unit where directed. Block unit in level position. Remove wheels and store them where directed. Install the insulated skirting provided above.
- B. Provide manufacturer's stair with platform at one exterior door and ramp with platform(s) at one exterior entrance to comply with the code.

- C. Provide electric service to units from nearest available source (200' max). Include 10' above grade 4x4 mast for overhead connections. Retain and pay an approved Electrical contractor to do the electrical service and connections in accordance with current NEC Code.
  - 1. Coordinate with electrical utility (Central Hudson Gas & Electric) to provide temporary electrical service to field office.
  - 2. Provide service entrance rated 100A fused safety switch and meter socket.
  - 3. Provide wiring from safety switch to panelboard in field office and from safety switch to utility connection point.
- D. Provide water service to office units from nearest available source. Retain and pay for a plumber to run the lines underground below frost line. Include excavation and backfill. (200' max).
- E. Provide sanitary sewer lines including excavation and backfill from office units to existing sewer (200' max).

### **3.02 MAINTENANCE AND CLEANING**

- A. Maintain and clean the office units for the duration of this Contract. Include the following:
  - 1. Daily removal of rubbish.
  - 2. Weekly mopping of floors.
  - 3. Weekly dusting of offices and other rooms.
  - 4. Weekly cleaning of toilet room, including the plumbing fixtures. Replenish toilet room supplies as needed.
- B. Maintain approaches free of mud and snow.
- C. Maintain lighting and all equipment in trailer for duration of project.

### **3.03 OWNERSHIP**

- A. Upon completion of this Project, furnish Bill of Sale and transfer of ownership of all equipment (telephone, multifunction machine, Plan rack) included in this Section to the State of New York, Office of General Services except the trailer and its furniture. Trailer, furniture except as noted above is the contractor's and shall be removed from state property when directed.

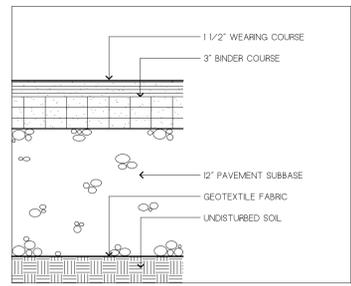
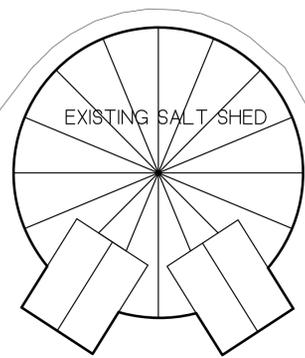
### **3.04 REMOVALS**

- A. Remove off the site, the trailer, furniture, and equipment except as noted above when directed. Restore permanent facilities used for or connected to field office to their original condition or better. Restore area where trailer was parked to original condition or better

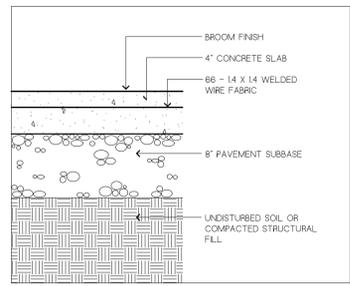
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**SITE PLAN LEGEND**

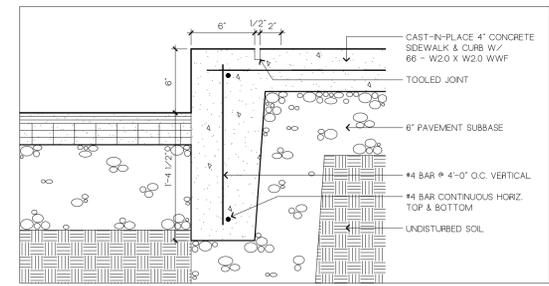
- CONTRACT LIMIT LINE
- STORM LINE
- AREA OF ALTERATION/ADDITION
- ASPHALT PAVING, SEE DETAIL B10/L100
- TEMPORARY STATE FIELD OFFICE (10 X 32)



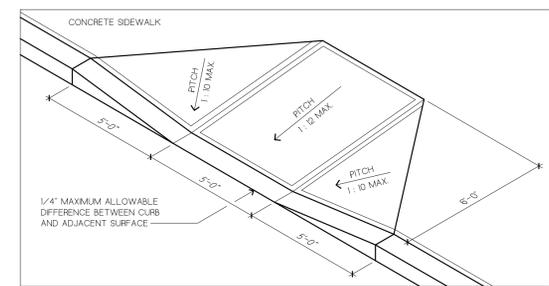
**B10**  
L100  
ASPHALT PAVING DETAIL (TYP.)  
SCALE: 1 1/2" = 1'-0"



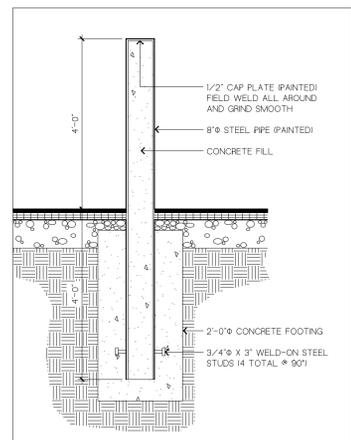
**B12**  
L100  
SIDEWALK DETAIL (TYP.)  
SCALE: 1 1/2" = 1'-0"



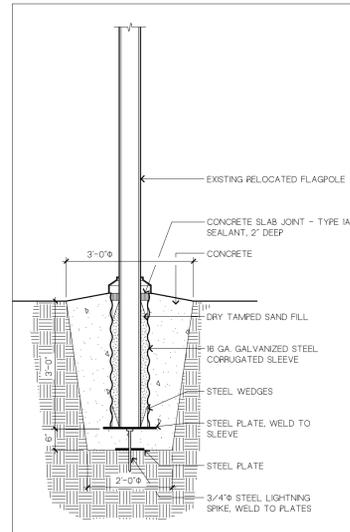
**D11**  
L100  
CONCRETE CURB DETAIL  
SCALE: 1 1/2" = 1'-0"



**F11**  
L100  
CONCRETE CURB CUT AXONOMETRIC  
NO SCALE



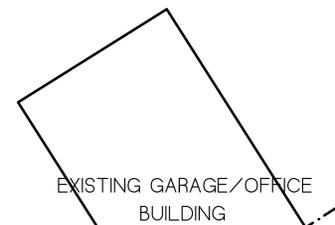
**K10**  
L100  
BOLLARD DETAIL  
SCALE: 1/2" = 1'-0"



**K12**  
L100  
FLAGPOLE BASE DETAIL  
SCALE: 1 1/2" = 1'-0"

3/25/2014 11:13 AM P:\OGS-1111-22 DOT MAINTENANCE SUBHEADQUARTERS\06 BID\04\_ADDENDA\L100

A B C D E F G H J K



PAVING FOR UNDERGROUND ELECTRICAL TO GATE, COORDINATE W/ ELECTRICAL DRAWINGS

EXISTING PARKING LOT

ENTRANCE DRIVE

NEELYTOWN ROAD

ENTRANCE DRIVE

4" DIAMETER STORM LINE FROM BUILDING FOUNDATION DRAIN, TIE INTO EXISTING CATCH BASIN

EXISTING ABOVE GROUND OIL TANKS

GENERATOR PURNISHED BY DIRECTOR'S REPRESENTATIVE INSTALLED BY E-CONTRACT

APPROXIMATE LOCATION OF TEMPORARY ELECTRICAL CONNECTION FOR STATE FIELD OFFICE

APPROXIMATE LOCATION OF TEMPORARY WATER/SEWER CONNECTION FOR STATE FIELD OFFICE

RESTORE SITE AND REINSTALL 12" HIGH CHAINLINK FENCE WITH FABRIC AFTER INSTALLATION OF GAS SERVICE

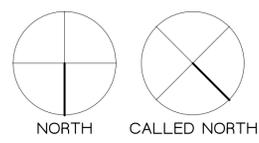
EXISTING GAS SERVICE

EXISTING 12" HIGH CHAINLINK FENCE

EXISTING TREES TO REMAIN TYP.

EXISTING GATE

**OVERALL SITE PLAN**  
SCALE: 1/32"



**OGS**  
NYS OFFICE OF GENERAL SERVICES  
Serving New York  
ANDREW M. CUOMO  
Governor  
RO ANN M. DESTITO  
Commissioner

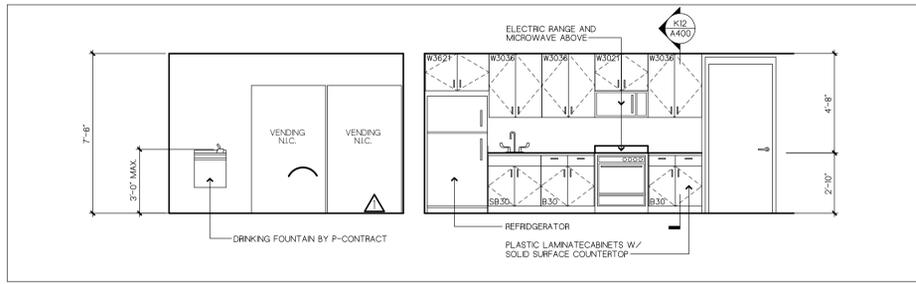
**a+**  
Lomonaco & Pitts, Architects P.C.  
297 River Street, Troy, NY 12180

**WARNING:**  
THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS "A" MISDEMEANOR.

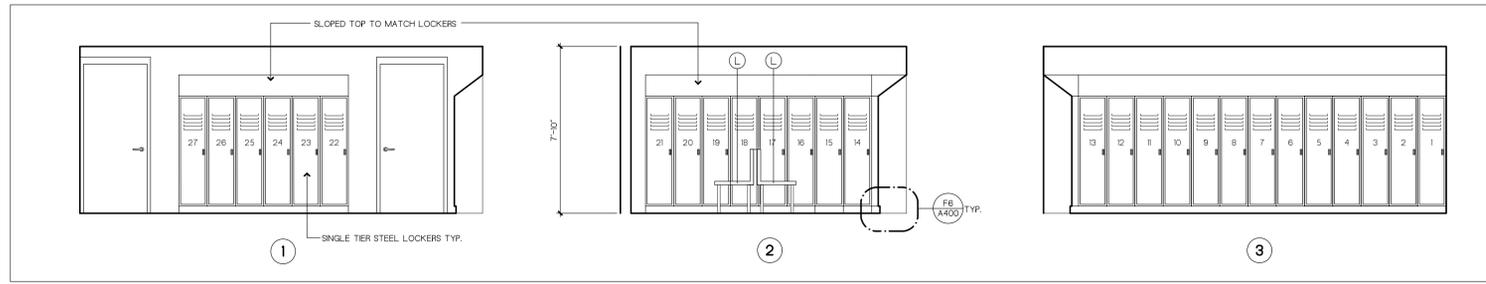


CONTRACT: CONSTRUCTION  
TITLE: PROVIDE ADDITION TO EXISTING BUILDING MAINTENANCE SUBHEADQUARTERS  
LOCATION: DOT REGION 8, ORANGE COUNTY NEELEYTOWN ROAD MAYBROOK, NY 12549  
CLIENT: DEPARTMENT OF TRANSPORTATION

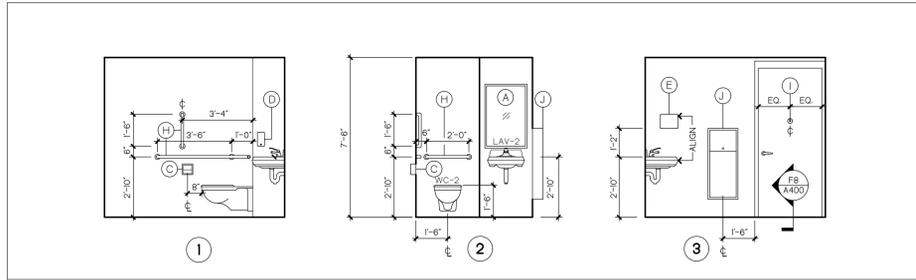
ADDENDUM DRAWING		
MARK	DATE	DESCRIPTION
△	3/24/2014	ADDENDUM 1
	1/15/2014	BID DOCUMENT
PROJECT NUMBER:	44595-C	
DESIGNED BY:	A+	
DRAWN BY:	A+	
FIELD CHECK:		
APPROVED:		
SHEET TITLE:	SITE PLAN	
DRAWING NUMBER:	L100	
SHEET 3	OF 38	



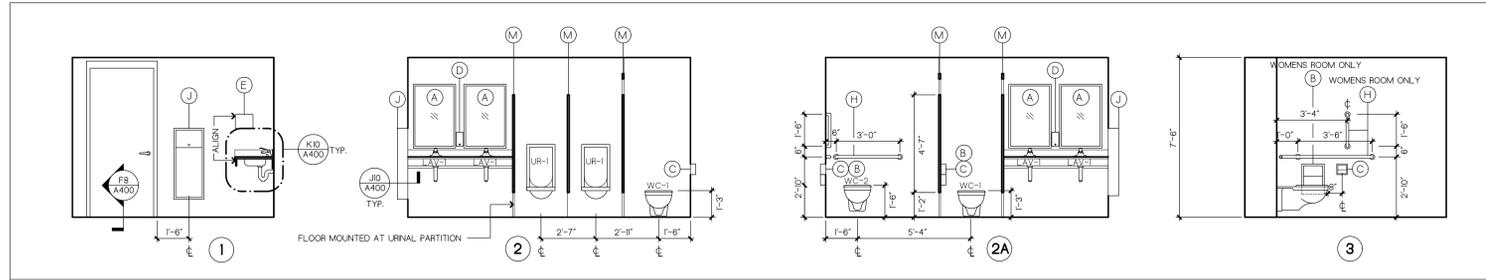
D2 INTERIOR ELEVATION  
A400 SCALE: 1/4" = 1'-0"



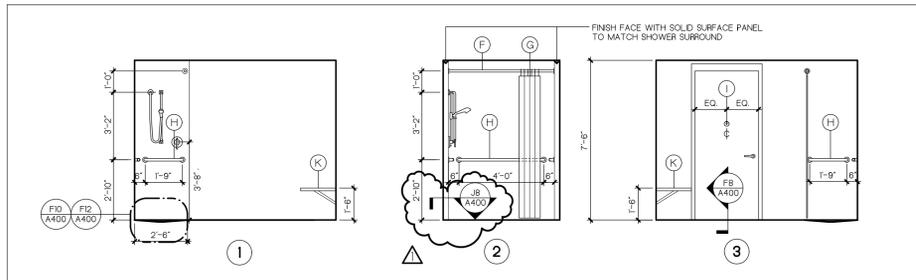
D2 INTERIOR ELEVATION  
A400 SCALE: 1/4" = 1'-0"



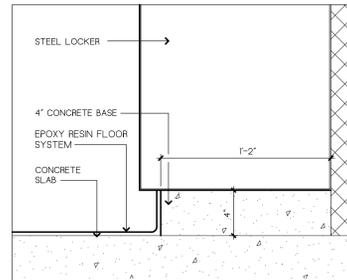
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A400 SCALE: 1/4" = 1'-0"



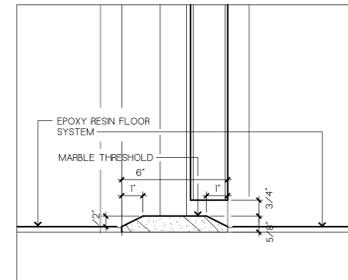
D2 INTERIOR ELEVATION  
A400 SCALE: 1/4" = 1'-0"



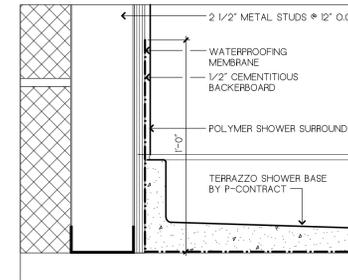
F2 INTERIOR ELEVATION  
A400 SCALE: 1/4" = 1'-0"



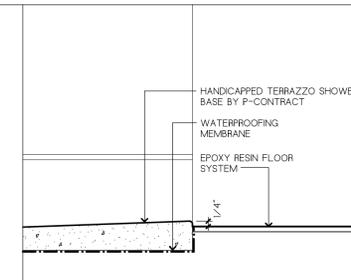
F8 LOCKER BASE DETAIL  
A400 SCALE: 1 1/2" = 1'-0"



F8 DOOR SILL DETAIL  
A400 SCALE: 3" = 1'-0"



F10 SHOWER BASE DETAIL  
A400 SCALE: 3" = 1'-0"



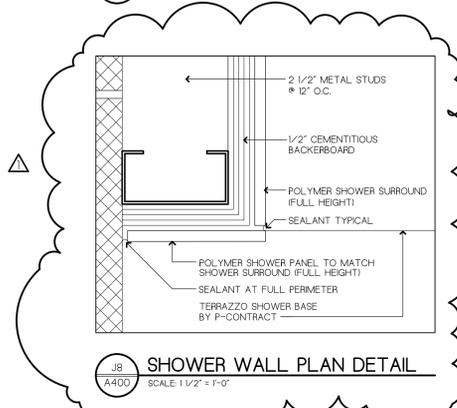
F12 SHOWER BASE DETAIL  
A400 SCALE: 3" = 1'-0"

**TOILET & BATH ACCESSORIES KEY**

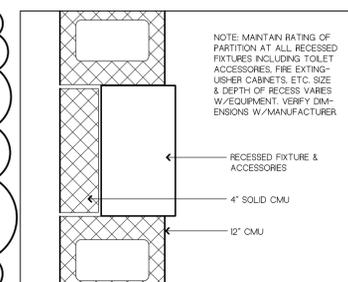
NO.	SPEC. #	ACCESSORIES KEYWORD	MOUNTING HEIGHT	REMARKS
(A)	102813	MIRROR	BOTTOM @ 3'-4" A.F.F.	24" X 36", SURFACE MOUNTED
(B)	102813	FEMININE NAPKIN DISPOSAL		RECESSED, SURFACE MOUNTED AT TOILET PARTITION
(C)	102813	TOILET TISSUE DISPENSER	TOP @ 2'-6" A.F.F.	RECESSED, SURFACE MOUNTED AT TOILET PARTITION
(D)	102813	SOAP DISPENSER	BOTTOM @ 3'-4" A.F.F.	SURFACE MOUNTED
(E)	102813	ELECTRIC HAND DRYER	BOTTOM @ 4'-0" A.F.F.	SURFACE MOUNTED
(F)	102813	SHOWER CURTAIN TRACK		SURFACE MOUNTED
(G)	102813	SHOWER CURTAIN		
(H)	102813	GRAB BARS	CENTERLINE @ 2'-10" A.F.F.	
(I)	102813	TOWEL HOOKS	TOP @ 4'-6" A.F.F.	
(J)	102813	WASTE RECEPTACLE	TOP @ 4'-0" A.F.F.	RECESSED
(K)	102813	ADA SHOWER SEAT		WALL MOUNT
(L)	102813	ADA LOCKER BENCH		FLOOR MOUNT W/ BACK
(M)	102113	TOILET PARTITION/URINAL SCREEN	SEE DRAWINGS	SEE SPECIFICATION SECTION 102100 COMPARTMENTS

**NOTES**

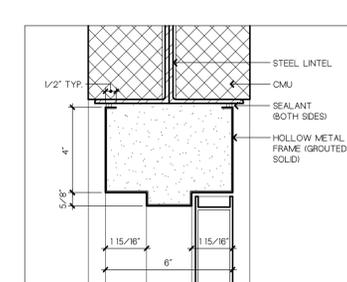
- PROVIDE SOLID BLOCKING FROM 2'-7" A.F.F. TO 3'-1" A.F.F. AT ALL TYPICAL HORIZONTAL GRAB BARS OR AS REQUIRED FOR OTHER ACCESSORIES. COORDINATE LENGTH OF BLOCKING WITH THE LENGTH OF ACCESSORY REFERENCED. EXTEND BLOCKING A MINIMUM OF 6" BEYOND THE END OF THE ACCESSORY AT BOTH ENDS.
- MOUNT ALL ACCESSORIES IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA) AND ANSI 117 (MOST CURRENT VERSION).
- REFER TO THE FINISH SCHEDULE FOR ROOM FINISHES.



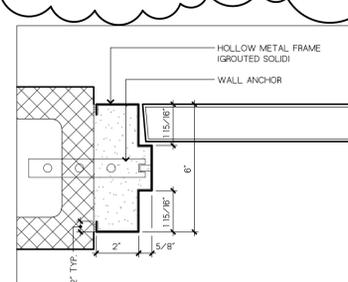
J8 SHOWER WALL PLAN DETAIL  
A400 SCALE: 1 1/2" = 1'-0"



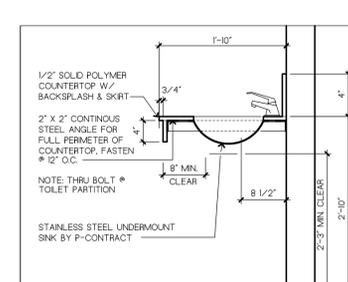
J10 RECESSED FIXTURE DETAIL  
A400 SCALE: 1 1/2" = 1'-0"



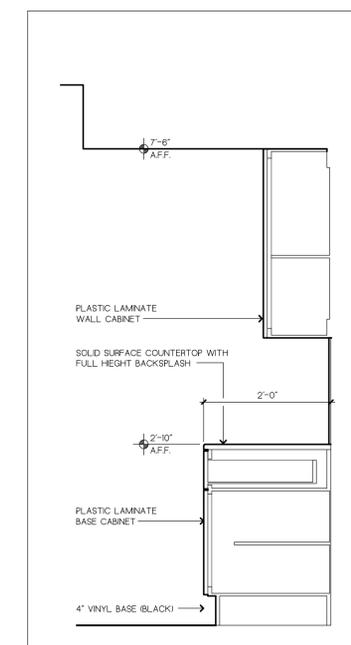
K8 HEAD DETAIL  
A400 SCALE: 3" = 1'-0"



K8 JAMB DETAIL  
A400 SCALE: 3" = 1'-0"



K10 LAVATORY SECTION DETAIL  
A400 SCALE: 3/4" = 1'-0"



K12 CABINET SECTION DETAIL TYP.  
A400 SCALE: 3/4" = 1'-0"

WARNING:  
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TITLE: PROVIDE ADDITION TO EXISTING BUILDING MAINTENANCE SUB-HEADQUARTERS  
LOCATION: DOT REGION 8, ORANGE COUNTY NEELEYTOWN ROAD MAYBROOK, NY 12549  
CLIENT: DEPARTMENT OF TRANSPORTATION

ADDENDUM DRAWING

DATE	DESCRIPTION
3/24/2014	ADDENDUM 1
1/15/2014	BID DOCUMENT

PROJECT NUMBER: 44595-C  
DESIGNED BY: A+  
DRAWN BY: A+  
FIELD CHECK:  
APPROVED:  
SHEET TITLE: INTERIOR ELEVATIONS & DETAILS  
DRAWING NUMBER: A400  
SHEET 9 OF 38

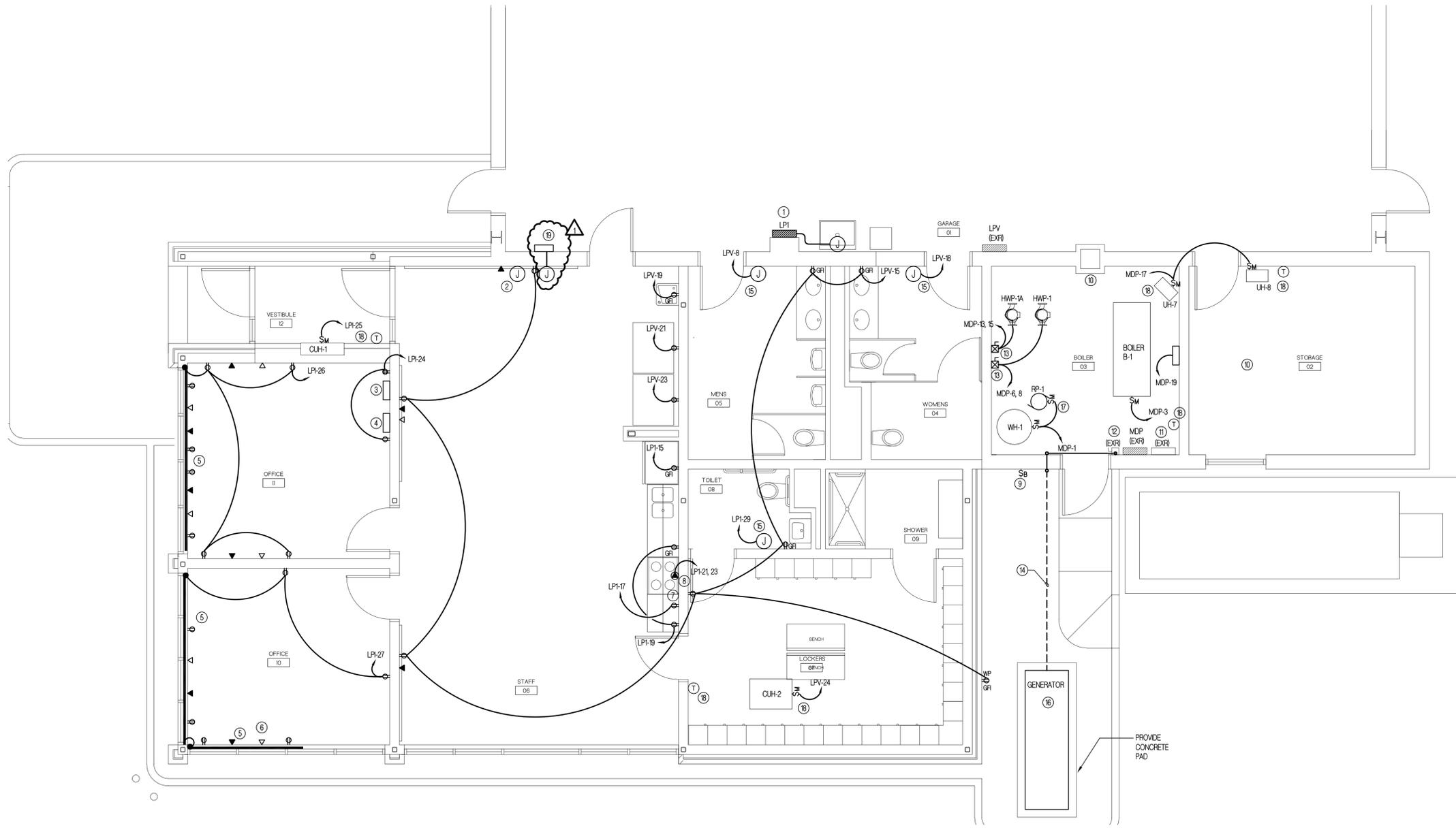
P:\OGS-III-III-22 DOT MAINTENANCE SUB-HEADQUARTERS\08 BID\04\_ADDENDA\A400 3/25/2014 12:24 PM

GENERAL NOTES:

- 1 PROVIDE ALL DEVICES AS FLUSH MOUNTED. RUN ALL CONDUIT TO WALL MOUNTED DEVICES ABOVE CEILING. ROUTE CONDUIT FROM ABOVE CEILING DOWN TO DEVICE CONCEALED IN VOIDS OF BLOCK WALL.
- 2 PROVIDE CAT 3 CABLE FROM EXISTING TELEPHONE TERMINATION CABINET IN BOILER ROOM TO ALL TELEPHONE OUTLETS. PROVIDE DEDICATED LINE TO FAX OUTLET.
- 3 ALL CIRCUITS SHALL BE 20A/1P CONSISTING OF (2) #12, #12G, 3/4" UNLESS OTHERWISE INDICATED.
- 4 PROVIDE 20A/1P BREAKERS IN EXISTING PANELS AS NECESSARY.

KEYED NOTES:

- 1 PROVIDE 120/240V, SINGLE PHASE, 225A, 100A MCB, 42-POLE PANEL LP1 TO REPLACE PANEL LP1. PROVIDE JUNCTION BOX HIGH ON WALL AND EXTEND EXISTING PANEL LP1 FEEDER TO LOCATION OF LP1. EXTEND ALL EXISTING TO REMAIN BRANCH CIRCUITS FED FROM PANEL TO LP1 TO PANEL LP1. PROVIDE BREAKERS IN LP1 FOR ALL EXISTING CIRCUITS WITH RATINGS TO MATCH EXISTING BREAKERS IN LP1.
- 2 PROVIDE 4" SQUARE BOX WITH BLANK COVER. PROVIDE 1" CONDUIT WITH PULLSTRING TO ABOVE ACCESSIBLE CEILING FROM FUTURE AUDIO / VISUAL EQUIPMENT WIRING.
- 3 RELOCATE EXISTING ROUTER, NETWORK SWITCH, AND UPS. COORDINATE WITH TELECOMMUNICATION SERVICE PROVIDER TO ROUTE SERVICE CABLE TO LOCATION INDICATED. PROVIDE CAT 6 CABLE FROM ALL DATA OUTLETS TO NETWORK SWITCH.
- 4 RELOCATE EXISTING RADIO EQUIPMENT. REROUTE EXISTING ANTENNA CABLE FROM RADIO EQUIPMENT UP TO EXISTING ROOM MOUNTED ANTENNA. SEAL ROOF PENETRATION.
- 5 PROVIDE DUAL CHANNEL MULTI-OUTLET ASSEMBLY WITH DEVICES AS INDICATED. MOUNT ASSEMBLY 3" BELOW WINDOW SILL. EXTEND ASSEMBLY TO MEET FULL HEIGHT BLOCK WALL. PROVIDE BOXES ON WALL TO ROUTE BOTH POWER AND COMMUNICATIONS CONDUCTORS INTO CONDUITS CONCEALED IN BLOCK WALL.
- 6 TELEPHONE OUTLET FOR FAX MACHINE. PROVIDE DEDICATED CAT 3 CABLE.
- 7 MOUNT RECEPTACLE AT 60" AFF FOR MICROWAVE MOUNTED ABOVE RANGE.
- 8 PROVIDE NEMA 10-50R RECEPTACLE FOR RANGE. PROVIDE CORD AND PLUG AS NECESSARY FOR EXACT RANGE (RANGE PROVIDED BY OTHERS). PROVIDE 50A/2P BREAKER. PROVIDE (3) #6 #10G, 3/4" C.
- 9 PROVIDE WEATHERPROOF EMERGENCY BOILER SHUTDOWN SWITCH.
- 10 RELOCATE ALL EXISTING CONDUITS IN BOILER ROOM AND STORAGE ROOM AS NECESSARY TO FACILITATE THE INSTALLATION OF STRUCTURAL STEEL.
- 11 EXISTING TELEPHONE TERMINATION CABINET.
- 12 EXISTING DOUBLE THROW DISCONNECT SWITCH. PROVIDE FEEDER FROM GENERATOR TO DOUBLE THROW DISCONNECT SWITCH AS INDICATED.
- 13 INSTALL COMBINATION SIZE 1 240V SINGLE PHASE STARTER WITH 24V COIL / 30A DISCONNECT WITH 30A FUSES. PROVIDE 30A/2P BREAKER. PROVIDE (2) #10, #10G, 3/4" C.
- 14 PROVIDE (4) 500KCMIL, #3G, 4" C UNDERGROUND FROM GENERATOR OUTPUT BREAKER TO EXTERIOR WALL OF BOILER ROOM. ROUTE CONDUIT TO ABOVE GRADE WHERE INDICATED AND PROVIDE 1LB. PROVIDE CORE DRILL LOW ON BOILER ROOM WALL AND ROUTE CONDUIT INTO BOILER ROOM AND UP INSIDE OF WALL. ROUTE CONDUIT TO ENTER TOP OF EXISTING DOUBLE THROW SWITCH. PROVIDE 22V CIRCUIT (MDP-12) TO GENERATOR FOR BLOCK HEATER AND BATTERY CHARGER. PROVIDE (2) #12, #12G, 1" C IN SAME TRENCH AS 4" C.
- 15 PROVIDE CIRCUIT INDICATED TO HAND DRYER. PROVIDE BOX PER MANUFACTURERS INSTRUCTIONS.
- 16 INSTALL OWNER FURNISHED GENERATOR.
- 17 CONNECT CIRCUIT TO RR-1 VIA AQUASTAT. CONNECT SAME CIRCUIT TO WH-1 AHEAD OF AQUASTAT.
- 18 CONNECT CIRCUIT TO UNIT HEATER VIA LINE VOLTAGE THERMOSTAT.
- 19 RELOCATE EXISTING OIL/WATER SEPARATOR CONTROL PANEL. PROVIDE CORE DRILL OF CMU WALL. PROVIDE CONDUIT AND WIRING (TO MATCH EXISTING) TO EXTEND CIRCUITS TO CONTROL PANEL. PROVIDE SEALING FITTING IN CONDUIT ENTERING CONTROL PANEL.

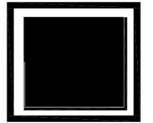


1 ELECTRICAL INSTALLATION PLAN  
 E-100 SCALE: 1/4"=1'-0"  
 NORTH



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CONTRACT: ELECTRICAL

TITLE: PROVIDE ADDITION TO EXISTING BUILDING MAINTENANCE SUBHEADQUARTERS

LOCATION: DOT REGION 8, ORANGE COUNTY NELLETTOWN ROAD MAYBROOK, NY 12549

CLIENT: DEPARTMENT OF TRANSPORTATION

ADDENDUM DRAWING

MARK	DATE	DESCRIPTION
△	3/24/2014	ADDENDUM 1
	1/15/2014	BID DOCUMENT
PROJECT NUMBER:		<b>44595 - E</b>
DESIGNED BY:		GC
DRAWN BY:		JRT
FIELD CHECK:		-
APPROVED:		MOM
SHEET TITLE:		

ELECTRICAL INSTALLATION PLAN

DRAWING NUMBER: E-100

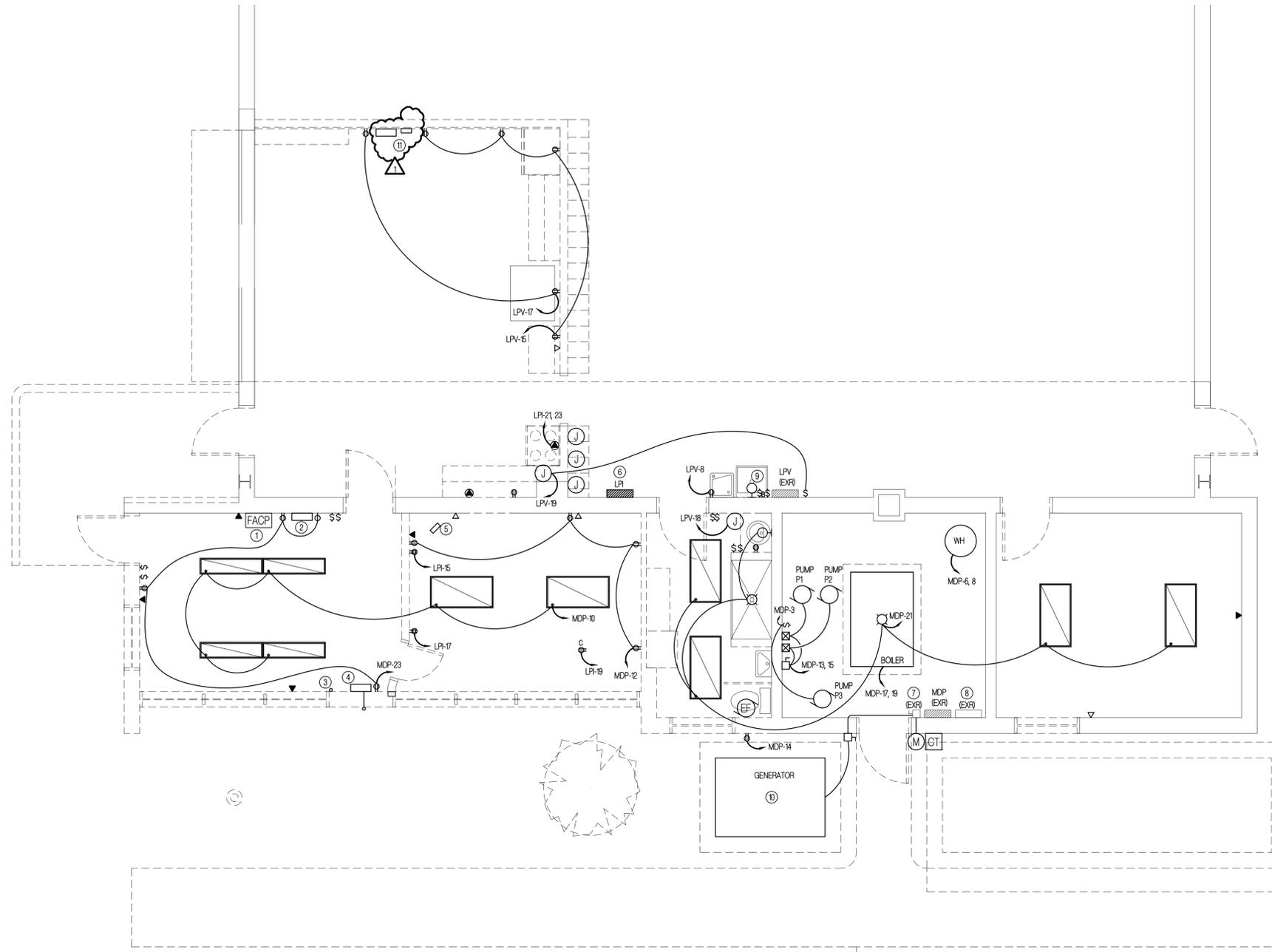
3.6x2.4 PLOT SHEET

GENERAL NOTES:

- 1 REMOVE ALL EXISTING DATA WIRING.
- 2 REMOVE ALL EXISTING TELEPHONE WIRING BACK TO EXISTING TELEPHONE TERMINATION CABINET.

KEYED NOTES:

- ① REMOVE FIRE ALARM CONTROL PANEL AND TURN OVER TO DIRECTOR'S REPRESENTATIVE.
- ② RELOCATE OIL/WATER SEPARATOR CONTROL PANEL AS INDICATED ON E-100.
- ③ REMOVE EXISTING CONDUIT, CUT-OFF FLUSH WITH FLOOR AND CAP.
- ④ RELOCATE EXISTING RADIO EQUIPMENT TO TEMPORARY LOCATION INDICATED ON THIS DRAWING PRIOR TO BEGINNING OF ANY DEMOLITION WORK. RELOCATE EQUIPMENT TO PERMANENT LOCATION INDICATED BY DIRECTOR'S REPRESENTATIVE. REROUTE CABLE TO ANTENNA ON ROOF AS NECESSARY TO FACILITATE RELOCATIONS.
- ⑤ RELOCATE EXISTING ROUTER, NETWORK SWITCH, AND UPS TO TEMPORARY LOCATION INDICATED ON THIS DRAWING PRIOR TO BEGINNING OF ANY DEMOLITION WORK. RELOCATE EQUIPMENT TO PERMANENT LOCATION INDICATED ON E-100 WHEN INDICATED BY DIRECTOR'S REPRESENTATIVE.
- ⑥ REMOVE EXISTING PANEL LPI.
- ⑦ EXISTING DOUBLE THROW SWITCH TO REMAIN.
- ⑧ EXISTING TELEPHONE TERMINATION CABINET TO REMAIN.
- ⑨ RELOCATE EXISTING LIGHT FIXTURE.
- ⑩ REMOVE EXISTING GENERATOR AND TURN OVER TO DIRECTOR'S REPRESENTATIVE. EXISTING GENERATOR IS TO REMAIN PROPERTY OF THE STATE.
- ⑪ TEMPORARY LOCATION OF RADIO EQUIPMENT, ROUTER, NETWORK SWITCH, AND UPS.



1 ELECTRICAL REMOVALS PLAN  
ER-100 SCALE: 1/4"=1'-0"



3.6x2.4 PLOT SHEET

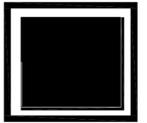


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CONTRACT:

ELECTRICAL

TITLE:  
PROVIDE ADDITION TO EXISTING BUILDING  
MAINTENANCE SUBHEADQUARTERS

LOCATION:  
DOT REGION 8, ORANGE COUNTY  
NELLEYTOWN ROAD  
MAYBROOK, NY 12549

CLIENT:  
DEPARTMENT OF TRANSPORTATION

ADDENDUM DRAWING

MARK	DATE	DESCRIPTION
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	1/15/2014	BID DOCUMENT
PROJECT NUMBER:	<b>44595 - E</b>	
DESIGNED BY:	GC	
DRAWN BY:	JRT	
FIELD CHECK:	-	
APPROVED:	MOM	

SHEET TITLE:

ELECTRICAL  
REMOVALS PLAN

DRAWING NUMBER:

ER-100

SHEET 32 of 38