

Gerald G. Friedel, P.E.  
Michael R. Wigley, AIA, LEED®AP  
Randy B. Duplechain, P.E.  
Charles R. Woodward, Jr., LS  
W. Zachary Crouch, P.E.  
Michael E. Wheedleton, AIA  
Jason P. Loar, P.E.

September 6, 2011

**Addendum No.2**

Addition to Buildings 131 &138  
Bethany Beach Training Site  
Delaware National Guard  
Bethany Beach Delaware  
DEARNG Contract No. 11-2010  
DBF No. 0999J003

This addendum forms a part of the contract documents and modifies the original bidding documents dated 8/12/2011. Acknowledge receipt of this Addendum on the Bid Form. Failure to do so may subject bidder to disqualification.

Jeff L Jones  
Project Administrator  
J S Kramer, Inc.

1. Will a bar chart progress schedule be an acceptable alternative to a CPM schedule, or should we include the cost of preparing a CPM in our bid?

**Answer: Yes, due to the job size and schedule a Bar Chart Progress Schedule will be acceptable.**

2. Please advise of the number, size, and content of any required project sign(s).

**Answer: No signs are required or permitted for the job.**

3. At the pre bid today, it was noted that ground water is approximately 24" below grade. It will probably be a toss up as to whether or not dewatering is required. Would the owner consider establishing an allowance for dewatering, in case it is required? This would help us provide a more responsible bid to the owner.

**Answer: There will not be an allowance added for the dewatering, Contractors to bid the item as is.**

4. I am concerned that the drawings indicate domestic water and drain lines run within a single wythe of CMU wall. Cores are grouted and reinforced at 16" centers - this will be

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difficult, if not impossible, to accomplish in a 6" CMU wall. Please review and confirm if this is how we should proceed with our bid.

**Answer: The 6 inch cmu wall behind the lavatories will be revised to be 8". The cores are to be reinforced with vertical reinforcing bars at 48 inches on center per the drawings. See attached sketch for plan revision.**

5. It would probably be beneficial if we had additional information regarding the ductwork as it enters the building from RTU-1 (section, head detail, height of duct, etc.)

**Answer: The duct enters the building at the height set by the RTU, turns upward at a distance from the wall such that the upper horizontal duct can be run above the bottom chord of the existing ceiling rafters.**

6. There is no mention of perimeter controls, inlet protection, ect. Am I correct in assuming that due to the small footprint of this project Sussex County Soils Conservation District or the EPA is not involved?

**Answer: The site disturbance is less than 5,000 sf and therefore is not reviewed by the agencies listed.**

Conventional Builders

Pierce Thompson, Jr.

1. Drawing P-0 Sanitary Riser Diagram – 6" Sanitary says to see site plan for continuation. There are no site plans. Plan and details are needed for the sanitary sewer and elevations of tie in.

**Answer: See Addendum #1 for information regarding line location. Delete note on sheet PO, detail Sanitary Riser Diagram that reads "6" sanitary, see site plan for continuation". Contractor will locate the existing site sewer in the field and be required to connect to the existing site sewer per the plumbing code.**

2. Drawing P-1 Partial Domestic Plumbing Plan – Where does the 2" water tie in? Need a detail of the tie in, type of material and location of the tie in.

**Answer: See Addendum #1 for information regarding line location. Contractor will locate the existing water supply tap in the field and be required to connect to it per the plumbing code.**

3. Drawing M-1 Mechanical Plan- Regarding RTU #1, detail is needed of how duct enters the existing building for roof or wall penetration. Will unit set on a concrete pad? If so, need detail for pad with size, ect.

**Answer: Duct Detail located on the S1 drawing, referenced from A1. See attached**

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**detail for concrete pad.**

Bilbrough Electric

Jack Wilding

1. On E2 single line demo Note 2.5 states to reuse the existing secondary feeder for reconnection to the new main breaker. The single line new work shows (2) sets of 250 MCM to feed the new main breaker. Does the existing set count as one of the sets and we are only adding one set of (4) 250 MCM?

**Answer: Revise note E2.5as follows: Indicated existing 3" PVC conduit shall remain intact as a spare for future use. E.C. shall cap conduit at both ends of run. Conduit in shed shall extend a minimum of 10" A.F.F. Conductors in same conduit shall be removed in their entirety.**

Jeff L Jones

Project Administrator

J S Kramer, Inc.

1. Plumbing drawings indicate a 6" sanitary line under the 12" CMU common wall between the latrines. What is the elevation of this line with respect to the new footing required to support the new wall?

**Answer: See attached sketch for the solution. Pipes going under the footing are to be placed in pipe sleeves. The footing can be raised 4" if the project requires due to building sewer depth (to be located in field by the contractor). The first course of 12 inch cmu would be 4 inches instead of 8 inches high and there would be no thickened slab.**

2. Marble window sills are called for in the architectural drawings, but a solid surface material may be a better choice - they are somewhat easier to work with, and they would match the counter tops. Would like to request that solid surface material be considered an equal to the marble specified for the sills.

**Answer: Solid Surface Sills 1/2" thick to match counter top will be an equal to marble sills. The Sills shall have beveled edges on the exposed edge, and be wide enough to overhang the ceramic tile by 3/4". Provide sealant at all joints, joints not to exceed 1/4 inch.**

3. Alternate # 1 replaces the specified resinous floor with ceramic tile. Please clarify which areas are considered "wet" and which are considered "non-wet" so we can determine the locations of the depressed slab. (Would shower areas 102 & 106 be wet or non-wet?)

**Answer: Depress slab for ceramic tile alternate in Showers 1 & 2 only. Contractor is not required to provide a depressed slab in Shower Areas 1 & 2.**

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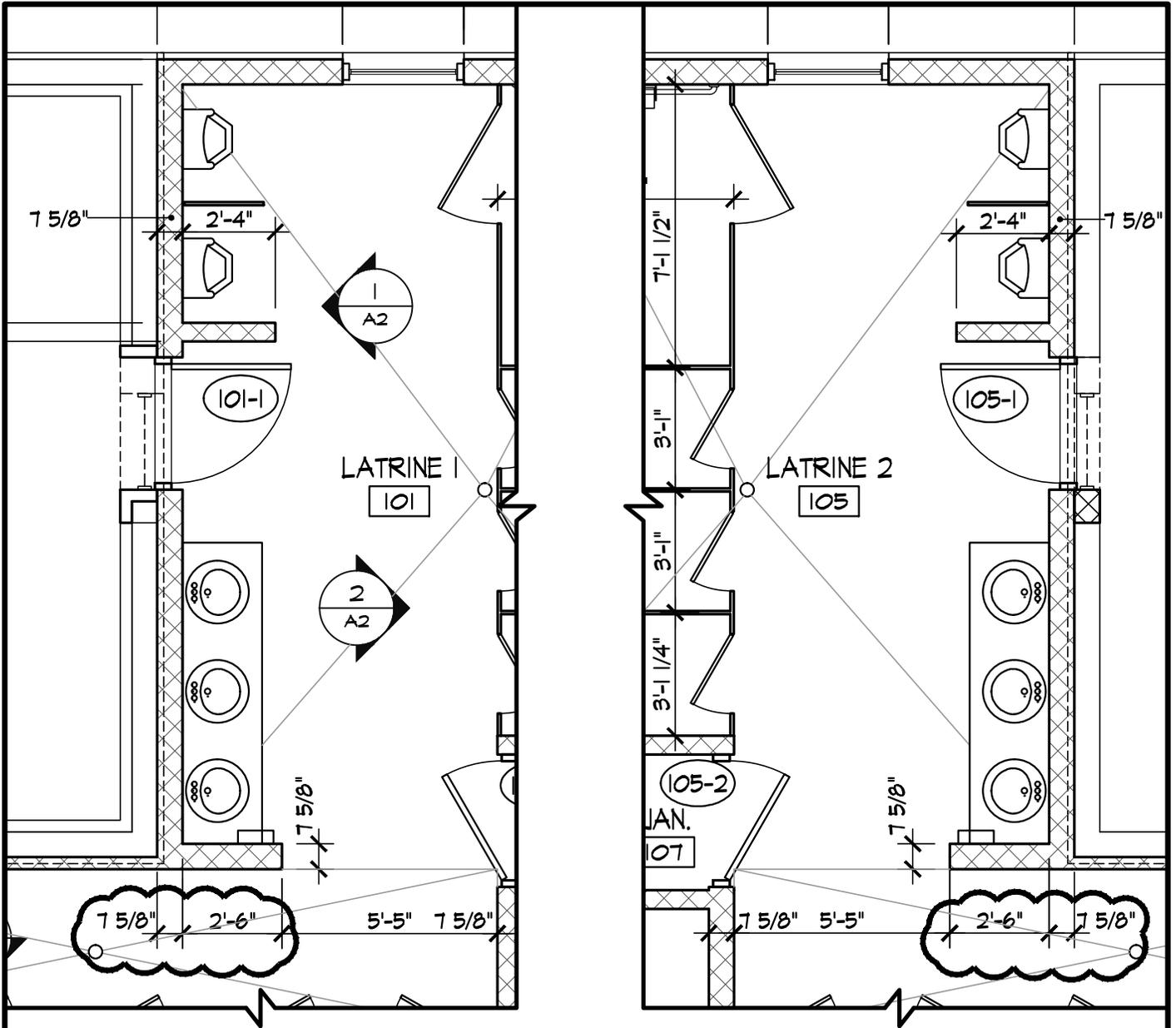
**Other Items:**

- 1. Drawing Revision: T1- IBC Code 2003 is in effect for this job, not 2009**
- 2. Drawing revision: P1 has been revised to reflect the attached SK9-6A sketch.**
- 3. Addendum No. 1 incorrectly noted the Project Documents date as February 21, 2011; they are dated August 12, 2011.**

Respectfully submitted,  
DAVIS, BOWEN & FRIEDEL, INC

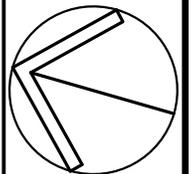
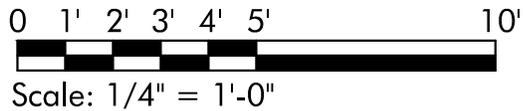
Christopher L Cullen, AIA  
Associate

Attachments



# PARTIAL FLOOR PLAN

1/4"=1'-0"



**DAVIS  
 BOWEN &  
 FRIEDEL, INC.**

ARCHITECTS, ENGINEERS & SURVEYORS  
 SALISBURY, MARYLAND ■ MILFORD, DELAWARE  
 410.543.9091 302.424.1441

ADDITION TO BUILDING 131 & 138  
 BETHANY BEACH TRAINING SITE  
 DELAWARE NATIONAL GUARD  
 BETHANY BEACH, DELAWARE

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Dwg.No.:  
 SK 8-30A

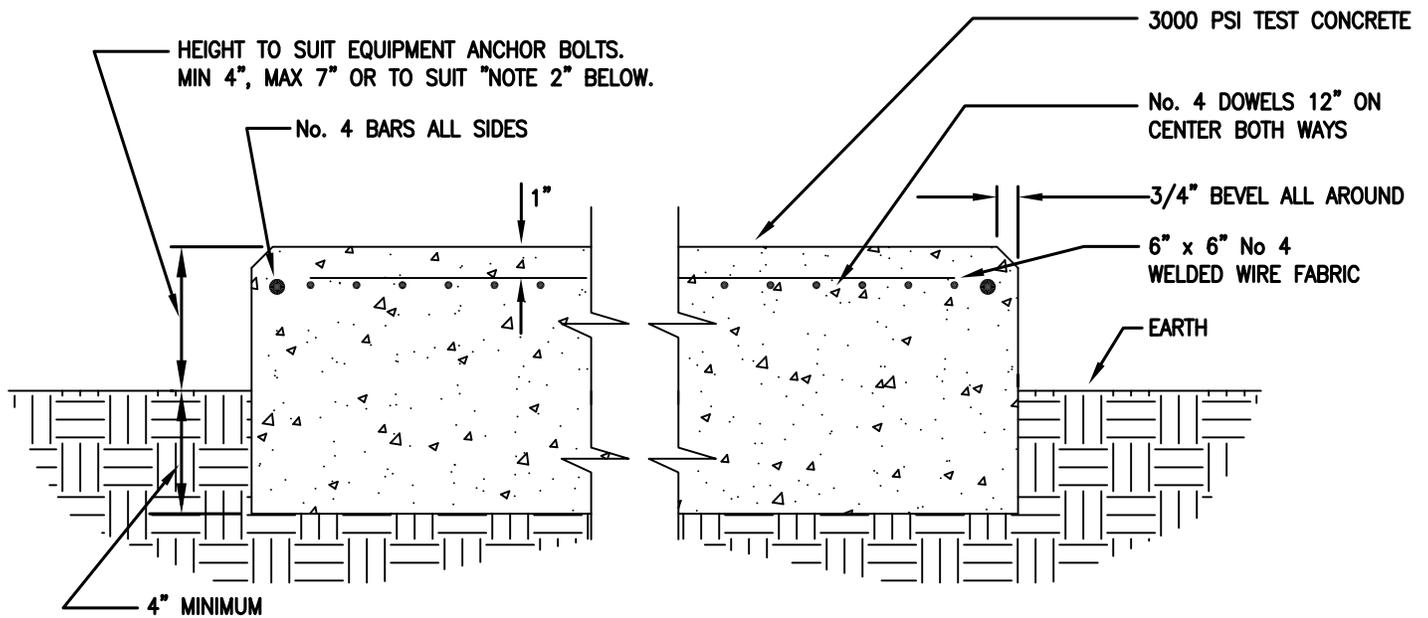
Date: 8/30/2011 Scale: NOTED Proj.No.: 0999J003



**BLAKE & VAUGHAN**  
ENGINEERING, INC.

Mechanical / Electrical Consulting Engineers  
Trolley Square Suite 24C, Wilmington, DE 19806  
P: (302) 888-1780 F: (302) 888-1781

PROJECT NUMBER: 2010057



- 1) PAD DIMENSIONS AND SIZE MUST SUIT EQUIPMENT ACTUALLY INSTALLED. EDGE OF PAD SHALL BE 6" MINIMUM FROM EDGE OF EQUIPMENT.
- 2) HEIGHT OF PAD MUST BE SUFFICIENT TO ACCOMMODATE ANY DRAIN PIPING AT THE INSTALLED EQUIPMENT.

## CONCRETE PAD FOR LIGHT EQUIPMENT DETAIL

NOT TO SCALE



DAVIS, BOWEN & FRIEDEL, INC.  
ARCHITECTS, ENGINEERS & SURVEYORS

SALISBURY, MARYLAND 410-543-9091  
MILFORD, DELAWARE 302-424-1441

**ADDITION TO BLDG. 131  
& 138  
BETHANY BEACH, DELAWARE  
EQUIPMENT PAD DETAIL**

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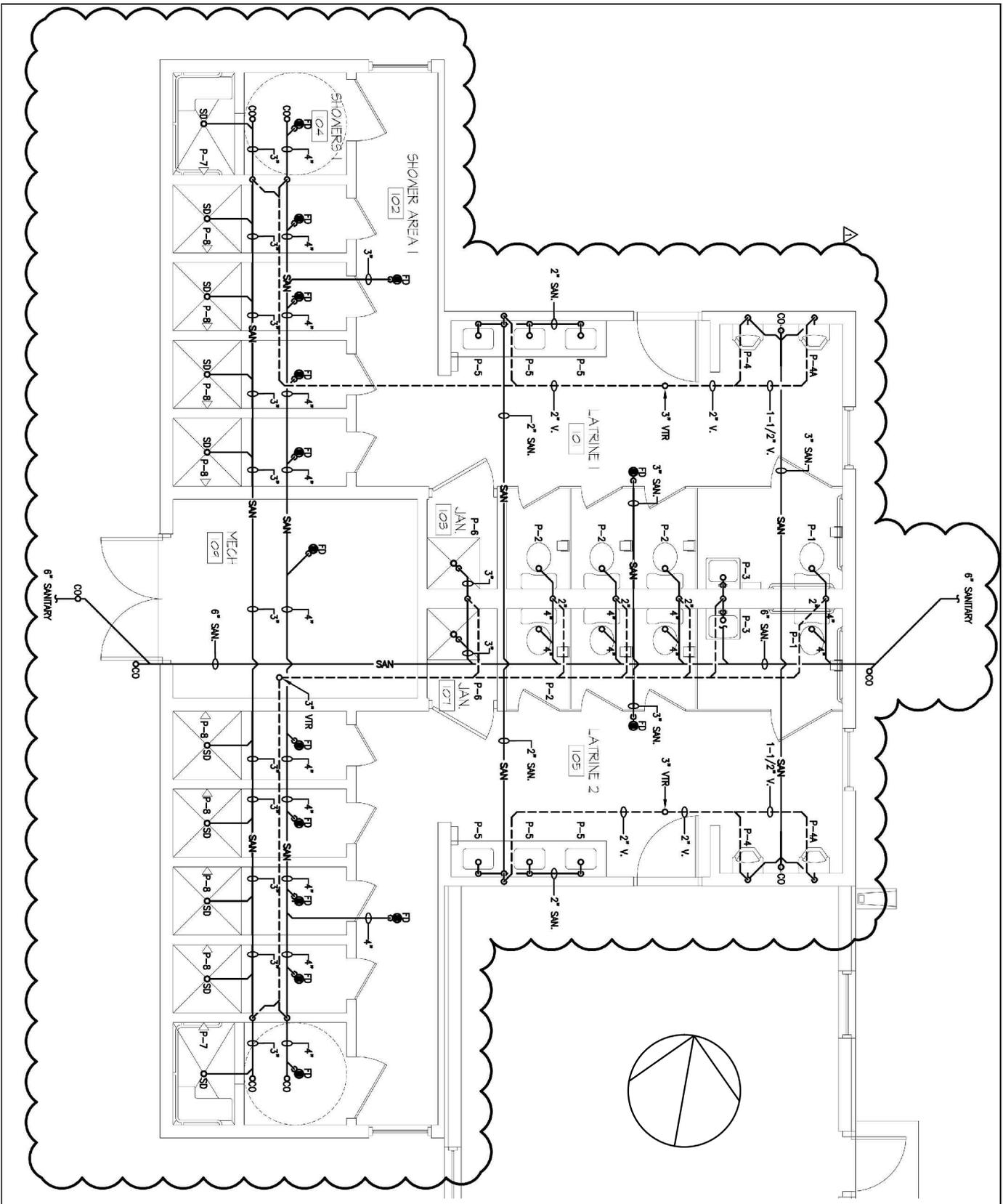
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**SKM-2**

Date: 08.30.11

Scale: AS NOTED

Proj.No.: 0999J003



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 ARCHITECTS, ENGINEERS & SURVEYORS

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 MILFORD, DELAWARE 302-424-1441

**PARTIAL PLUMBING PLAN**

ADDITION TO BUILDING 131 & 138  
 BETHANY BEACH TRAINING SITE  
 DELAWARE NATIONAL GUARD  
 BETHANY BEACH, DELAWARE

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Dwg.No.:  
 SK 9-6A

Date: 9/6/2011

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END OF ADDENDUM #2