



State of Utah

JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

Department of Administrative Services

KIMBERLY K. HOOD  
Executive Director

Division of Facilities Construction and Management

DAVID G. BUXTON  
Director

## ADDENDUM NO. 1

Date: June 30, 2008

To:	Company	Contact	Fax
	Arnell-West, Inc	Jason Arnell	(801) 975-9967
	Ascent Construction	Brad L. Knowlton	(801) 299-0663
	Benstog Construction Corp	Patrick Benstog	(801) 399-1335
	Big-D Construction	Ryan Carter	(801) 415-6900
	Broderick & Henderson	Gary Broderick	(801) 225-4697
	Garff Construction	Phil Henricksen	(801) 972-1928
	Hidden Peak Electric Co	Dereke Lee	(801) 262-5689
	McCullough Engineering	Jim McCullough	(801) 466-4989
	Rueckert Construction Co	Ken M. Rueckert	(801) 253-1774
	Veritas Inc	Dan A. Parkinson	(801) 572-5899
	Wade Payne Const	Wade Payne	(801) 226-7772

From: Wayne Smith, Project Manager, DFCM

Reference: Forward Operating Base – Camp Williams  
Utah National Guard – Riverton, Utah  
DFCM Project No. 07326480

Subject: **Addendum No. 1**

Pages	Addendum Cover Sheet	2 pages
	Revised Project Schedule	1 page
	Revised Bid Form	2 pages
	<u>Architect/Engineer Addendum</u>	<u>9 pages</u>
	Total	14 pages

**Note:** *This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to Disqualification.*

While we contend that SB220 should only be potentially applicable to a contract issued after the effective date of said bill, this is to clarify that for purposes of this contract, regardless of the execution or effective dates of this contract, the status of Utah Law and remedies available to the State of Utah and DFCM, as it relates to any matter referred to or affected by said SB220, shall be the Utah law in effect at the time of the issuance of this Addendum.

1.1 **SCHEDULE CHANGES** – See attached revised Project Schedule for **Final Addendum Date, Bid Date, Subcontractors List Date, and Substantial Completion Dates.**

1.2 **GENERAL ITEMS**

1.2.1 Revised Bid Form adding Additive Alternates 2 and 3.

1.2.2 Harris & Associates Addendum No. 1



**Stage II PROJECT SCHEDULE – REVISED  
PER ADDENDUM NO. 1 DATED JUNE 30, 2008**

<b>PROJECT NAME:</b>		<b>FORWARD OPERATING BASE - CAMP WILLIAMS UTAH NATIONAL GUARD – RIVERTON, UTAH</b>		
<b>DFCM PROJECT NO:</b>		<b>07326480</b>		
<b>Event</b>	<b>Day</b>	<b>Date</b>	<b>Time</b>	<b>Place</b>
Stage II Bidding Documents Available	Tuesday	June 17, 2008	12:00 NOON	DFCM 4110 State Office Building SLC, UT and the DFCM web site*
Mandatory Pre-bid Site Meeting	Thursday	June 19, 2008	9:00 AM	Building 1190 Camp Williams 17800 South Redwood Road Riverton, UT
Deadline for Submitting Questions	Tuesday	June 24, 2008	4:00 PM	<i>Wayne Smith</i> – DFCM E-mail wfsmith@utah.gov Fax (801)-538-3267
<b>Addendum Deadline (exception for bid delays)</b>	<b>Monday</b>	<b>June 30, 2008</b>	<b>2:00 PM</b>	<b>DFCM web site*</b>
<b>Prime Contractors Turn in Bid and Bid Bond</b>	<b>Wednesday</b>	<b>July 2, 2008</b>	<b>2:00 PM</b>	<b>DFCM 4110 State Office Building SLC, UT</b>
<b>Subcontractors List Due</b>	<b>Thursday</b>	<b>July 3, 2008</b>	<b>2:00 PM</b>	<b>DFCM 4110 State Office Building SLC, UT Fax 801-538-3677</b>
<b>Substantial Completion Date:</b>				
Phase I	Monday	September 1, 2008		
Phase II	Wednesday	December 31, 2008		

\* NOTE: DFCM's web site address is <http://dfcm.utah.gov>



**Division of Facilities Construction and Management**

**DFCM**

**BID FORM – REVISED  
PER ADDENDUM NO. 1 DATED JUNE 30, 2008**

NAME OF BIDDER \_\_\_\_\_ DATE \_\_\_\_\_

To the Division of Facilities Construction and Management  
4110 State Office Building  
Salt Lake City, Utah 84114

The undersigned, responsive to the "Invitation to Bid" and in accordance with the Request for Bids for the **FORWARD OPERATING BASE - CAMP WILLIAMS – UTAH NATIONAL GUARD – RIVERTON, UTAH - DFCM PROJECT NO. 07326480** and having examined the Contract Documents and the site of the proposed Work and being familiar with all of the conditions surrounding the construction of the proposed Project, including the availability of labor, hereby proposes to furnish all labor, materials and supplies as required for the Work in accordance with the Contract Documents as specified and within the time set forth and at the price stated below. This price is to cover all expenses incurred in performing the Work required under the Contract Documents of which this bid is a part:

I/We acknowledge receipt of the following Addenda: \_\_\_\_\_

**BASE BID:** For all work shown on the Drawings and described in the Specifications and Contract Documents for **Phase I** work , I/we agree to perform for the sum of:

\_\_\_\_\_ DOLLARS (\$ \_\_\_\_\_ )  
(In case of discrepancy, written amount shall govern)

**ADDITIVE ALTERNATE NO. 1:** For all work shown on the Drawings for **Phase II** work to provide additional concrete tent slabs, I/we agree to perform for the sum of:

\_\_\_\_\_ DOLLARS (\$ \_\_\_\_\_ )  
(In case of discrepancy, written amount shall govern)

**ADDITIVE ALTERNATE NO. 2:** For all work shown on the Drawings and described in the Specifications to provide stainless steel threaded J bolts with nuts and washers, I/we agree to perform for the sum of:

\_\_\_\_\_ DOLLARS (\$ \_\_\_\_\_ )  
(In case of discrepancy, written amount shall govern)

**ADDITIVE ALTERNATE NO. 3:** For all work shown on the Drawings and described in the Specifications to provide 4” PVC conduit, conductors, and concrete pull boxes as per Spec 12300, I/we agree to perform for the sum of:

\_\_\_\_\_ DOLLARS (\$ \_\_\_\_\_ )  
(In case of discrepancy, written amount shall govern)

I/We guarantee that the Phase I Work will be Substantially Complete by **September 1, 2008** and the Phase II Work will be Substantially Complete by **December 31, 2008**, should I/we be the successful bidder, and agree to pay liquidated damages in the amount of **\$450.00** per day for each day after expiration of the Contract Time as stated in Article 3 of the Contractor's Agreement.

This bid shall be good for 45 days after bid opening.

Enclosed is a 5% bid bond, as required, in the sum of \_\_\_\_\_

The undersigned Contractor's License Number for Utah is \_\_\_\_\_.

Upon receipt of notice of award of this bid, the undersigned agrees to execute the contract within ten (10) days, unless a shorter time is specified in Contract Documents, and deliver acceptable Performance and Payment bonds in the prescribed form in the amount of 100% of the Contract Sum for faithful performance of the contract. The Bid Bond attached, in the amount not less than five percent (5%) of the above bid sum, shall become the property of the Division of Facilities Construction and Management as liquidated damages for delay and additional expense caused thereby in the event that the contract is not executed and/or acceptable 100% Performance and Payment bonds are not delivered within time set forth.

Type of Organization: \_\_\_\_\_  
(Corporation, Partnership, Individual, etc.)

Any request and information related to Utah Preference Laws:

\_\_\_\_\_

Respectfully submitted,

\_\_\_\_\_  
Name of Bidder

ADDRESS:  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
Authorized Signature

**ADDENDUM NO. 1**

Utah National Guard  
Camp Williams Forward Operating Base  
Camp Williams, Utah  
DFCM Project No. 07326480

JUNE 26, 2008



**Utah National Guard  
Camp Williams Forward Operation Base  
DFCM Project No: 07326480  
Addendum 1**

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated June 5, 2008, as noted below. Acknowledge receipt of this Addendum in the space provided on the Proposal. Failure to do so may subject Bidder to disqualification.

This Addendum consists of three (3) addendum pages including the cover, the revised Bid Form, Spectrum Engineers five (5) page Addendum #1, and one (1) 8.5 x 11 inch Harris & Associates drawing.

### **MILESTONE COMPLETION DATES**

All concrete pads as called out in base bid including concrete pads, rough-in of the electrical for those pads, all trenching, conduit installation shall be completed by September 1, 2008. Items unable to be completed due to being long lead items such as the transformer and switch gear will not be assessed liquidated damages. The intent is to have this area complete for use by the Guard by September 1, 2008.

### **BID FORM**

Replace the Bid Form with the attached Bid Form which has been revised to incorporate the following modifications:

1. Add Alternate No. 2
2. Add Alternate No. 3

### **CHANGES TO SPECIFICATIONS**

Section 012300 – ALTERNATES

1. Add the following to paragraph 3.1 Schedule of Alternates:  
C. Add Alternate No. 3: For the primary underground feed between the two medium voltage transformers, provide single conductors in 4-inch schedule 80 PVC conduit. Conductors shall be type MV-105 #2 copper cables with 1/3 concentric neutral. Provide concrete encasement where conduit passes under roadways or drive over areas. Provide 4-each 4'x4'x4' pre-cast concrete pull boxes with heavy duty drive over lids distributed along the pull.

### **CHANGES TO DRAWINGS**

#### **ARCHITECTURAL**

Sheet AE202

1. Detail 2 – Section A: Revise note that reads “SS J-BOLTS AS SHOWN” to read “GALVANIZED J-BOLTS, NUTS AND WASHERS”
2. Detail 3 - Revise note that reads “1/2” SS THREADED ROD BENT TO FORM J-BOLT – W/ NUT & WASHER” to read “1/2” GALVANIZED J-BOLTS, NUTS AND WASHERS”
3. Details 2, 3, &4 - Revise note that reads “6x6 W1.4/1.4 WIRE MESH” to read

"6'-10" x 2'-6" W/ 4"X 10" GRID WIRE MESH PROVIDED BY AND DELIVERED TO THE SITE BY THE NATIONAL GUARD AND INSTALLED BY THE CONTRACTOR WITH A 3" LAP ON ALL SIDES"

Sheet AE201

1. Replace Section 3/AE201 with the attached revised Section 3r/AE201.

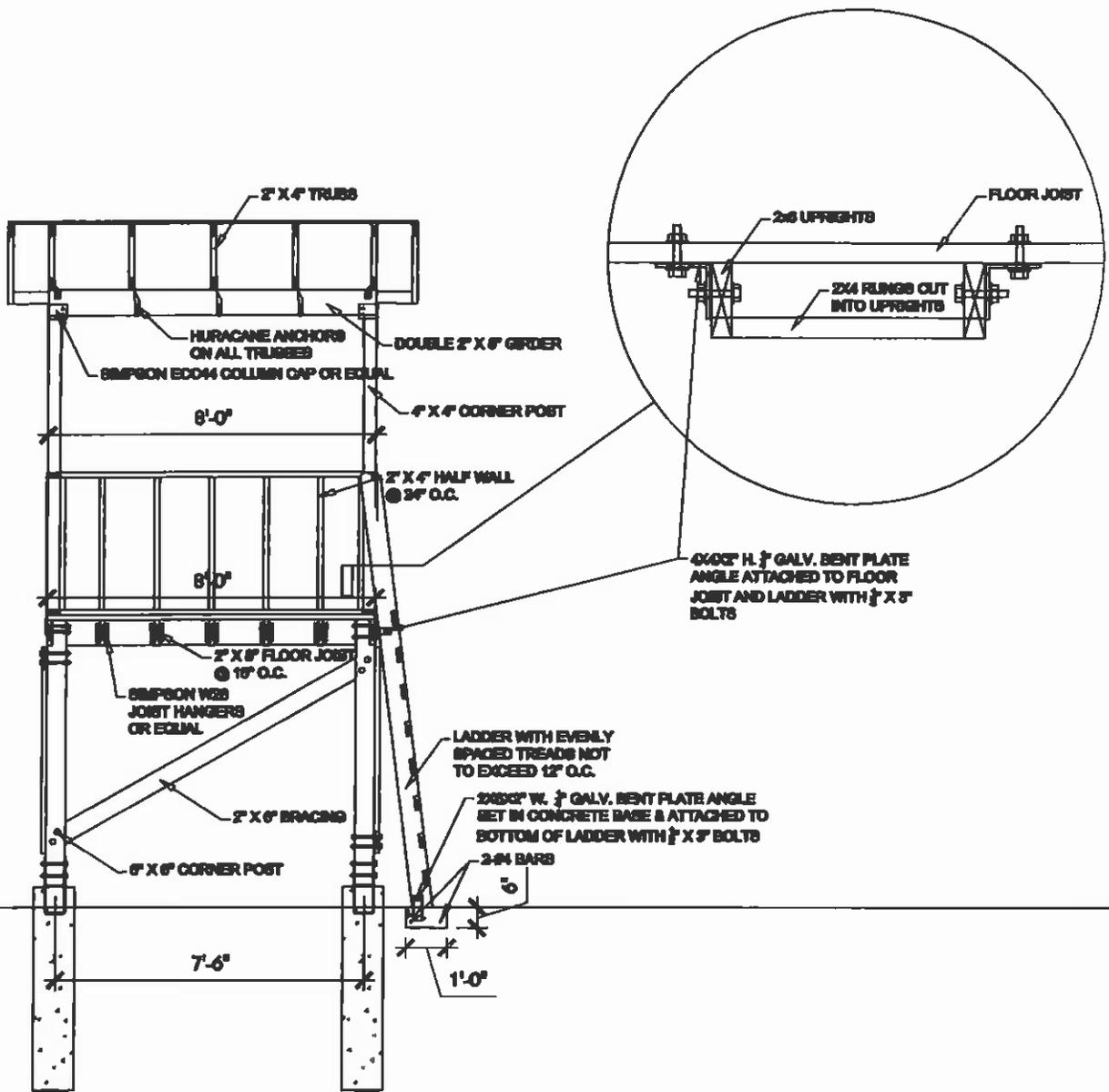
### **ELECTRICAL**

1. See attached Spectrum Engineers Addendum #1.

### **CLARIFICATION OF QUESTIONS RECEIVED DURING BIDDING**

1. The guard towers are constructed of pressure treated wood (see specifications) and will not be painted in this contract
2. The existing water line is 6" pvc.
3. The water line to the Fill station is 3" pvc .
4. The existing water line is believed to be buried at 3'-0" to 4'-0" below grade but this needs to be field verified.
5. The 3" swivel joint in the design of the water fill station was based on a Dixon V-Ring style 20 Swivel Joint. (Or Equal). The Dixon swivel joint can be obtained from Wolseley company 1422 S 4450 West, Salt Lake City, UT 84104 T: (801) 956 3500 F: (801) 908 8880. The contractor is responsible to provide a design by a qualified engineer for this system. (See Note by details 10 & 11 on AE201) The design intent was to show the general concept for the qualified engineer to design from. There is a existing fill station that can be reviewed by the existing building shown to the north of the FOB on sheet GL002.
6. The yard hydrant shown on detail 10/AE201 is a 1" yard hydrant. Make and model to be determined by design engineer as per note by details 10 & 11 on AE201.
7. For clarification of electrical questions see attached Spectrum Addendum #1

END OF ADDENDUM NO. 1



3r SECTION  
 SCALE: 1/4" = 1'-0"



**Harris & Associates**

265 East 100 South Suite 350  
 Salt Lake City, Utah 84111-1604  
 Ph (801) 521-8564 Fax (801) 355-2938



**ADDENDUM # 1**  
**Utah National Guard**

FORWARD OPERATING BASE  
 CAMP W.G. WILLIAMS, UTAH

DESCRIPTION OF CHANGE:

DETAILS FOR THE LADDER CONSTRUCTION HAVE BEEN ADDED TO CLARIFY THE SIZE OF THE UPRIGHTS, RUNGS AND ATTACHMENT TO THE TOWER



**SPECTRUM  
ENGINEERS**

Doing what's right - every day, every time.

# Addendum #1

**Job:** UTNG Forward Operating Base (FOB)  
**Spectrum Job Number:** 20080019  
**Date:** June 26, 2008

## ELECTRICAL

AD2-E01 Sheet EE501

Panels shall have minimum short circuit ratings as indicated in the following table. Provide a minimum 42,000 AIC on the Main Switchboard MSB.

<b>FAULT CURRENT TABLE</b>	
<b>BUS</b>	<b>FAULT CURRENT</b>
1LA	14,872 SCA
1LB	8,421 SCA
1LC	11,102 SCA
1LD	7,831 SCA
1LE	2,140 SCA
MSB	17,844 SCA

PROVIDE FULLY RATED CIRCUIT BREAKERS IN PANELBOARDS FOR THE FAULT CURRENT SHOWN. SERIES RATINGS WITH NEXT LEVEL UPSTREAM OVERCURRENT PROTECTIVE DEVICES ARE PERMITTED SUBJECT TO FACTORY UL DOCUMENTATION OF SERIES RATING SUBMITTED TO ENGINEER.  
 IF DEVICE OR EQUIPMENT FAULT CURRENT RATING IS NOT SHOWN, ASSUME 100,000 AIC.

AD2-E02 Sheets EE501:

1. Conduit sizing on detail H18 shall read "1-inch minimum" in lieu of "1-inch". Sketch EE-501-R1-01
2. One-line diagram: remove the transformer that is not identified with a size. Move the connection from the 225 kVA transformer to the MSB to be from the secondary of the transformer (off the bottom). Sketch EE-501-R1-02

AD2-E03 Sheets EE601:

3. Change the disconnect size for the tent HVAC unit to 60/2.



SPECTRUM  
ENGINEERS

Doing what's right - weekday, today, and tomorrow.

## Addendum #1

### E-MAIL RFI's (Responses indicated in bold case)

Email dated: Wednesday, June 25, 2008 8:29 AM

Subject: Fwd: Utah National Guard FOB

>>> "Dave Gerber" <dgerber@hiddenpeakelectric.com> 6/24/2008 1:41 PM

>>>

Wayne- I have a few questions:

1. See EE501. Detail 12 shows a new 150 Kva transformer at the building, then a new 225 Kva, then another that does not have a size shown. It looks like the one without the size is actually the 225 Kva installed within the FOB. Please confirm that.

**There are only (2) transformers, the 150 kVA feed through transformer to replace the existing 150 kVA at the existing building and the 225 kVA transformer serving the FOB. The other transformer you see on the one-line diagram is not part of the project and has been removed. See the notes above.**

2. See EE501. Detail H18 indicates that the branch conduit size for the weatherproof receptacles is 1". If you look at ES401, some of the conduits are ¾". With the wires that are called for ¾" will do fine. For those locations that are fed with a ¾", I propose to change the detail accordingly. Is that acceptable?

**Provide all underground conduits 1-inch minimum diameter. Provide larger diameter conduit as indicated.**

3. See EE601. At the bottom of the sheet is the Equipment Schedule for the Tent HVAC Unit. It is showing a 30 amp 2 pole disconnect switch, but is also showing 40 amp fuses and a 50 amp breaker feeding it. Should the switch be a 60 amp 2 pole?

**Yes, that disconnect should be a 60-amp, 2-pole fused disconnect.**

Dave Gerber

Hidden Peak Electric

End of Addendum #1

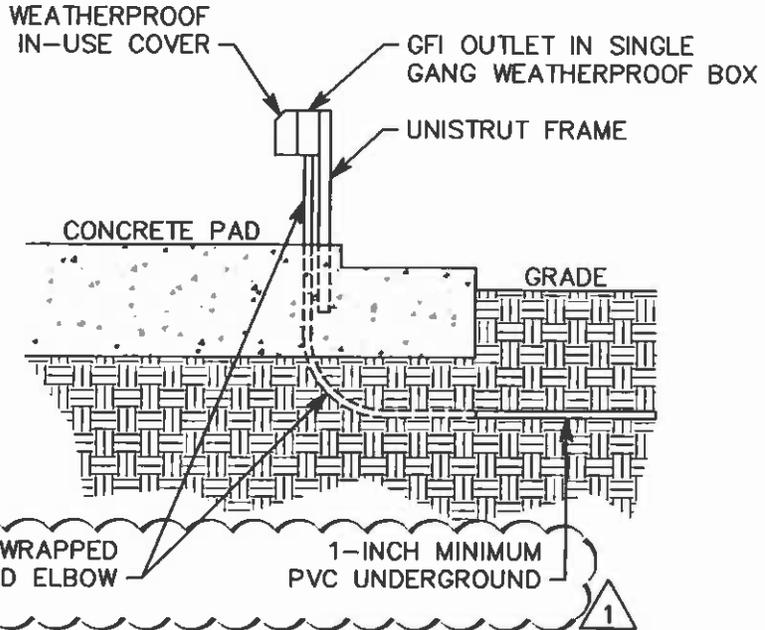
BACK VIEW

SIDE VIEW

E18

# PANELBOARD MOUNTING DETAIL

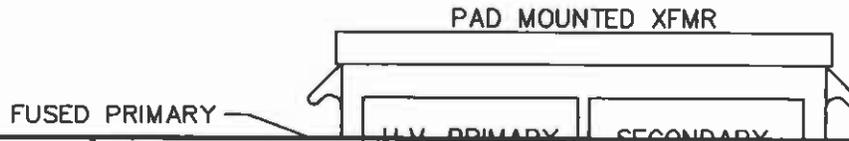
NTS



H18

# OUTLET INSTALLATION DETAIL

NTS



**SPECTRUM ENGINEERS**  
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 Salt Lake City, Utah 84111  
 801-328-5151 800-878-7077  
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 www.spectrum-engineers.com  
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REFERENCE:	EE501
ISSUE:	ADDENDUM #01
DATE:	2008-06-26
PROJ NO:	20080019
DRAWN BY:	PSS
CHECKED BY:	DLA

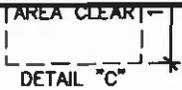
PROJECT  
**UTAH NATIONAL GUARD  
 F.O.B. CAMP W.G. WILLIAMS, UTAH**

SHEET TITLE  
**DETAILS**

SCALE  
 NTS

**EE-501-R1-01**

P: 2008\20080019\5Archive\4CONDOC\ADDENDUM\ADD01\19EE-501-R1-01.dwg Last Plotted: 06/26/2008 @ 10:35 By: Pss



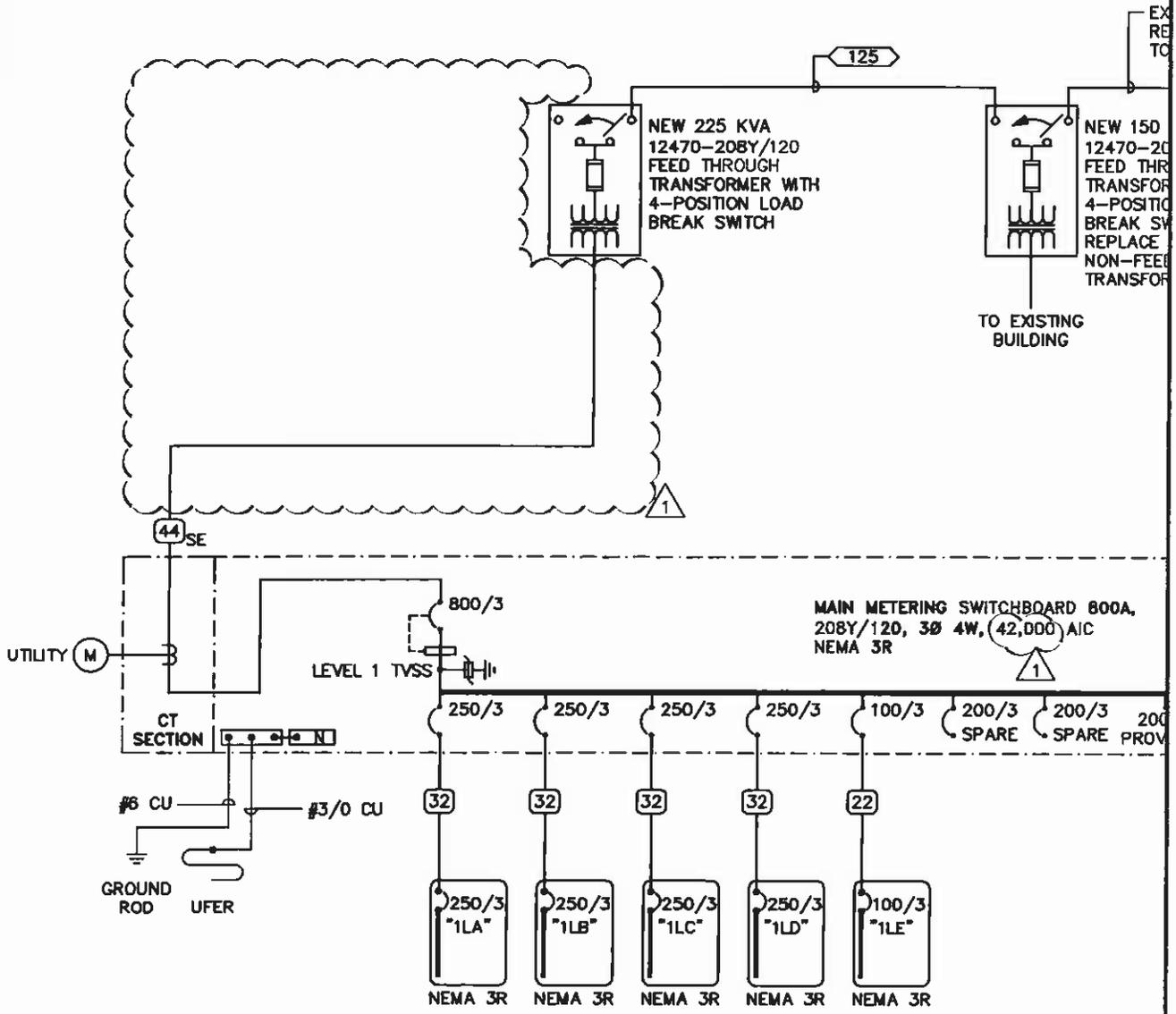
75-500 KVA	96"	78"	48"	15"	20"
750-2500 KVA	100"	105"	60"	16"	30"

TO FIT THE TRANSFORMER USING SAK

**F12**

# TRANSFORMER PAD DETAIL

NTS



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PROJECT  
**UTAH NATIONAL GUARD**  
**F.O.B. CAMP W.G. WILLIAMS, UTAH**

SHEET TITLE  
**DETAILS**

SCALE  
 NTS

**EE-501-R1-02**

