

**DEPARTMENT OF VETERANS AFFAIRS
 SYRACUSE VA MEDICAL CENTER
 800 IRVING AVENUE, SYRACUSE, NEW YORK 13210**

ADD KITCHEN RE-THERM UNITS TO EMERGENCY POWER

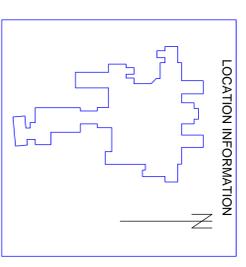
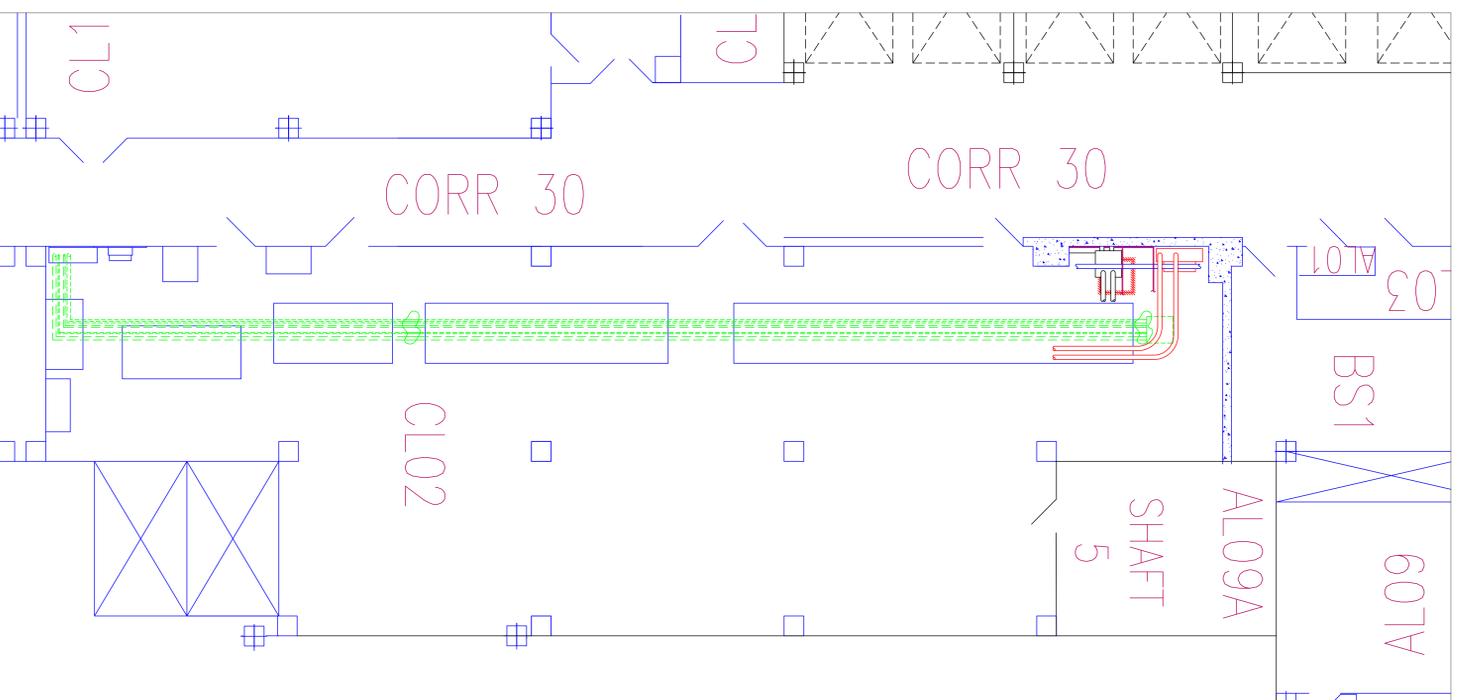
PROJECT: 528A7-12-720

The vendor shall perform all mechanical and electrical work required to transfer the kitchen re-therms to emergency power. Some of the tasks are:

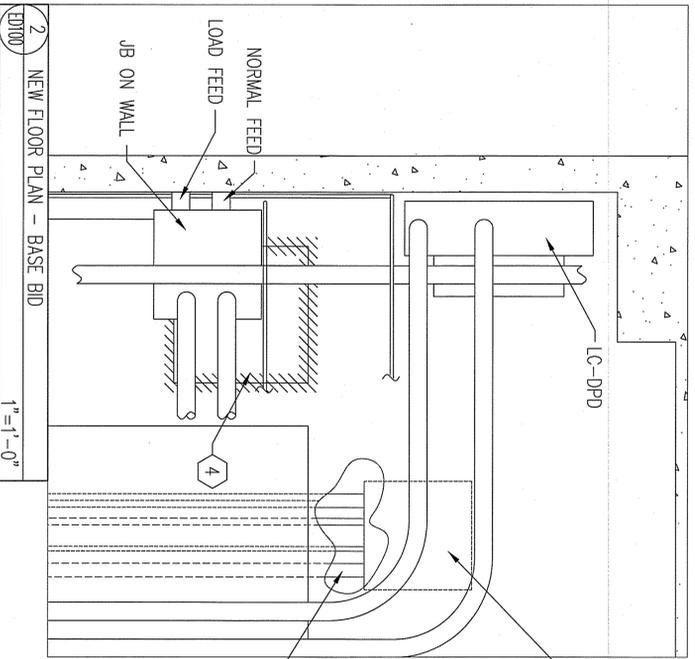
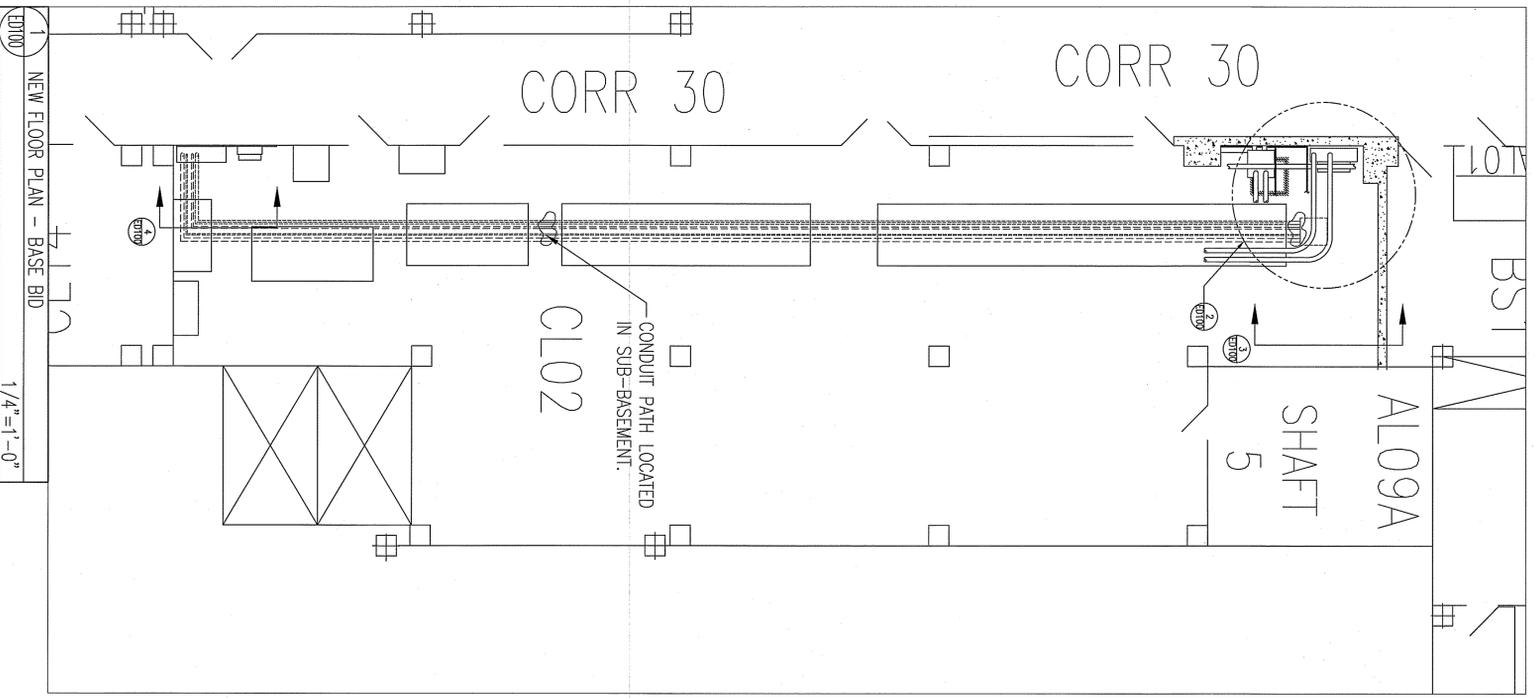
1. In the basement, room CLO2, remove & relocate two existing electrical circuits, and replace or relocate junction box as required to allow for the installation of a new Manual Transfer Switch.
2. Demo unused conduit as required in sub-basement from junction box to electrical panel ELC-DPB, Section 1 and utilize pathway to add new conduit as required.
3. Add a new 500A breaker to left side of panel ELC-DPB, Section 1. Core drill thru floor to run conduit/wire noted in Item 2 above.
4. Demo the existing hinged access panel/frame as needed to install a new access cover (one with no hinges) that will not interfere with new Manual Transfer Switch.

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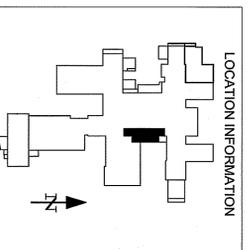
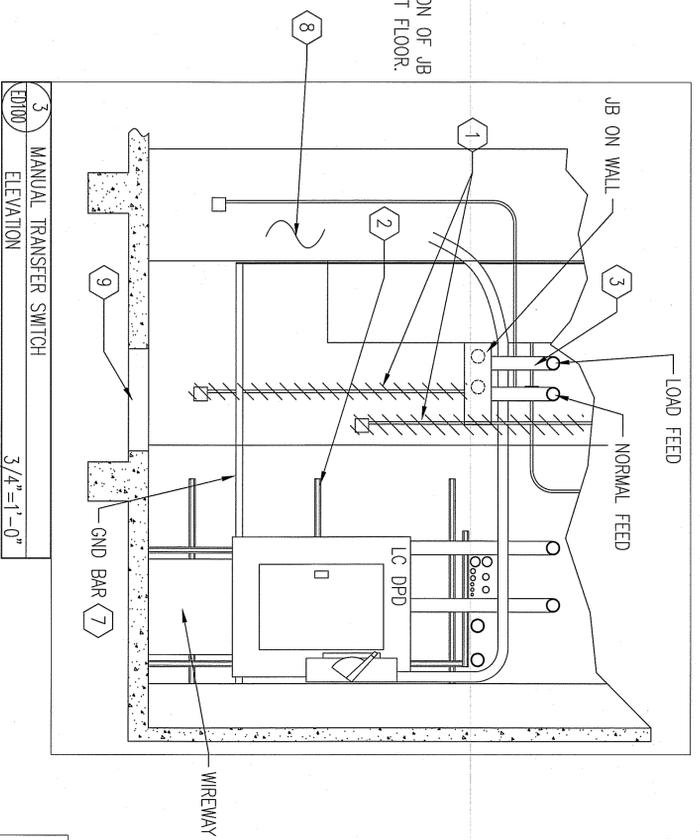
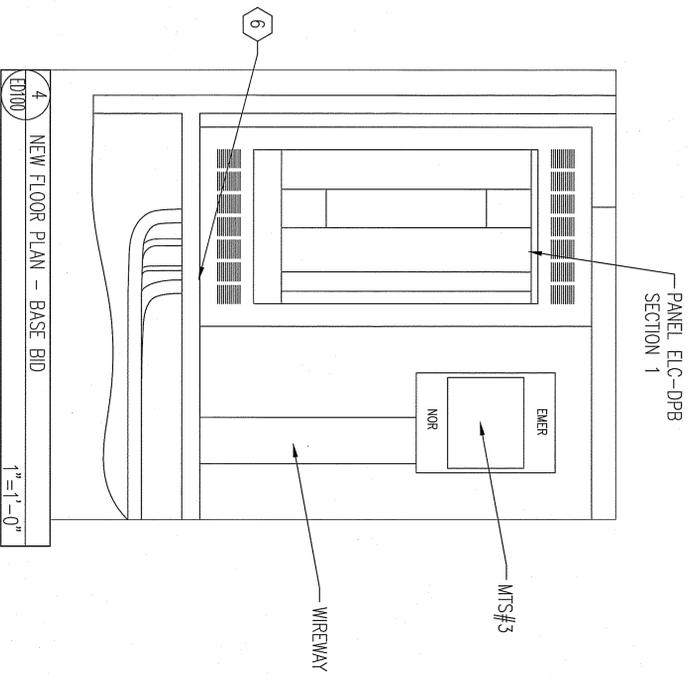
C-100	COVER & INDEX
E-001	SYMBOLS & ABBREVIATIONS
ED-100	DEMO DETAILS
EP-101	INSTALLATION DETAILS



Drawing Title COVER & INDEX		Project Title ADD KITCHEN RE-THERMS TO EMERGENCY POWER		Date 2/17/2012	
Approved Facility Manager _____		Building Number 1		Project No. 528A7-12-720	
Location VAMC SYRACUSE, NY		Checked AJ		Drawing No. C-100	
Drawn DHA		Drawing No. 528A7-12-720		Date 2/17/2012	
Revision NOTE 4 WAS...A NEW HINGED ACCESS COVER...		BY DA		DATE 4/24/12	



- 1 DEMO BOXES/CONDUIT BACK TO NEAREST JUNCTION BOX. RELOCATE AS NOTED ON SHEET EP-101. IF ABANDONED, DO NOT RELOCATE.
- 2 MODIFY AND EXTEND EXISTING CHANNEL MOUNT TO ACCOMMODATE NEW MANUAL TRANSFER SWITCH.
- 3 RELOCATE OR RECONFIGURE JB AND ASSOCIATED CONDUIT AS REQUIRED TO ACCOMMODATE NEW MANUAL TRANSFER SWITCH.
- 4 DEMO ACCESS DOOR AND FRAME IN BASEMENT FLOOR.
- 5 DEMO CONDUIT UNDER FLOOR AS REQUIRED TO RUN NEW CONDUIT.
- 6 CORE DRILL THRU FLOOR AS REQUIRED TO ALLOW CHANGES IN CONDUIT SIZE/LOCATION.
- 7 GROUND BAR MUST REMAIN IN PLACE.
- 8 ASBESTOS CHASE NO TO BE DISTURBED.
- 9 REMOVE HINGED COVER. IF EXISTING FRAME CAN'T BE USED, SAWCUT NEW OPENING APPROXIMATELY 2" WIDER THAN EXISTING. DO NOT CUT INTO BEAMS UNDER FLOOR.



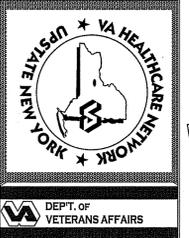
REVISION	DESCRIPTION	BY	DATE

Company Logo/Information Block	
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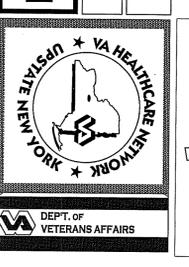
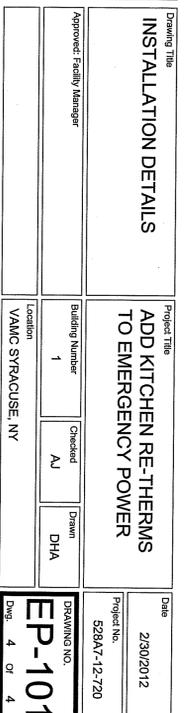
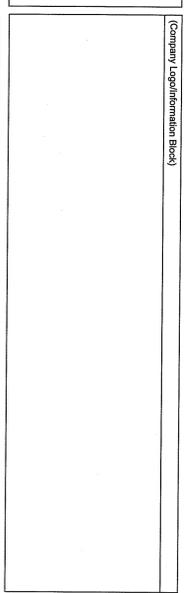
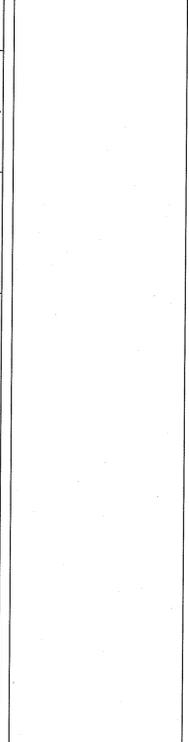
Drawing Title		Project Title	
DEMOLITION DETAILS		KITCHEN RE-THERM EMERGENCY POWER	
Approved: Facility Manager	Building Number	Checked: AJ	Drawn: DHA
Location: VAMC SYRACUSE, NY			

Date: 2/1/2012	Project No.: 528A7-12-720
Drawing No.: ED-100	

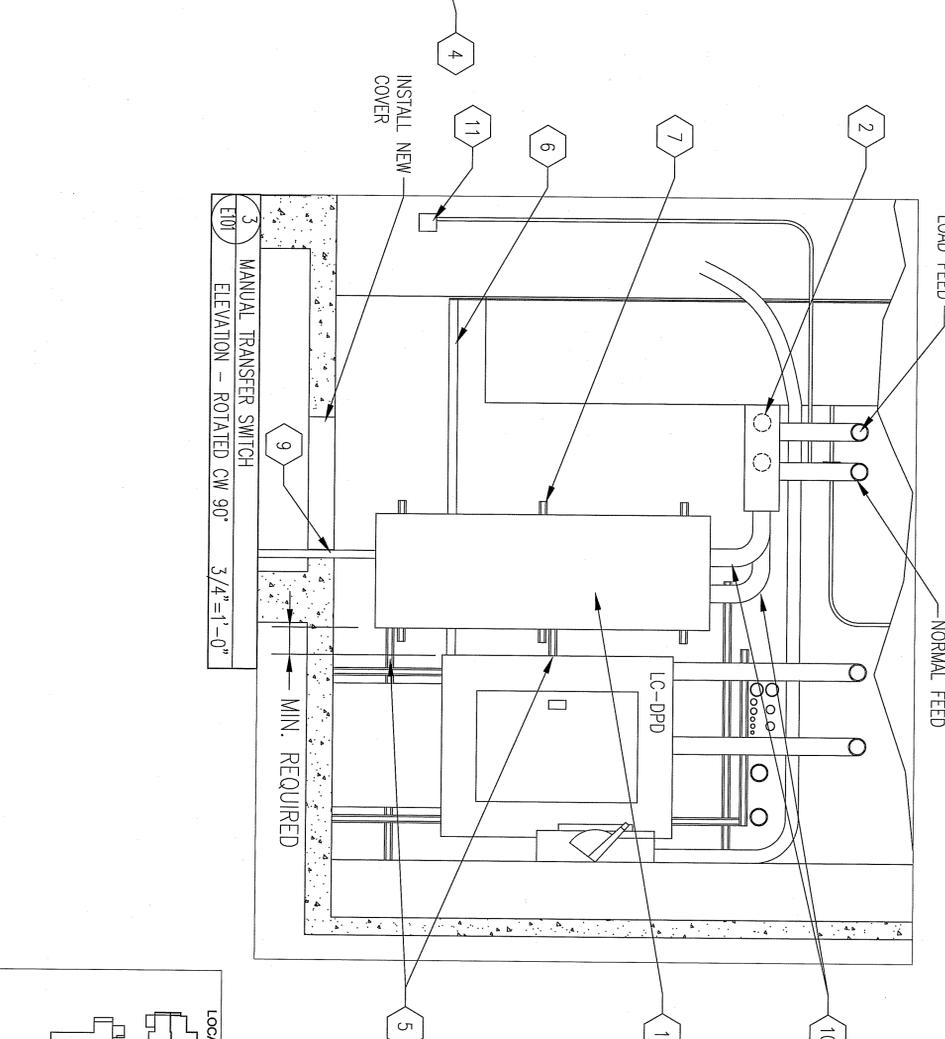
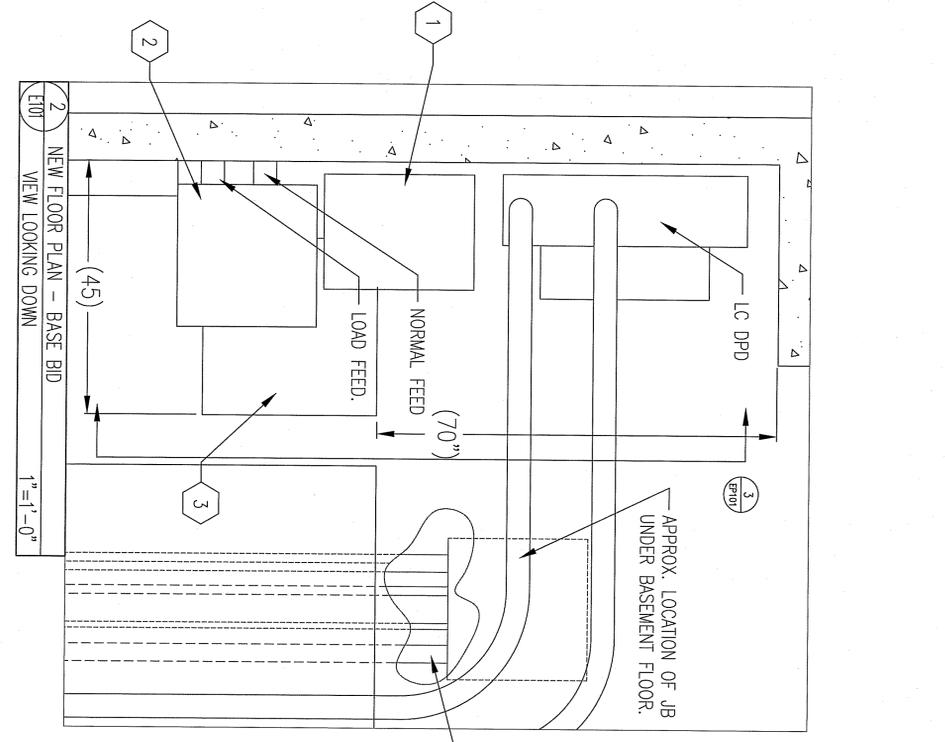
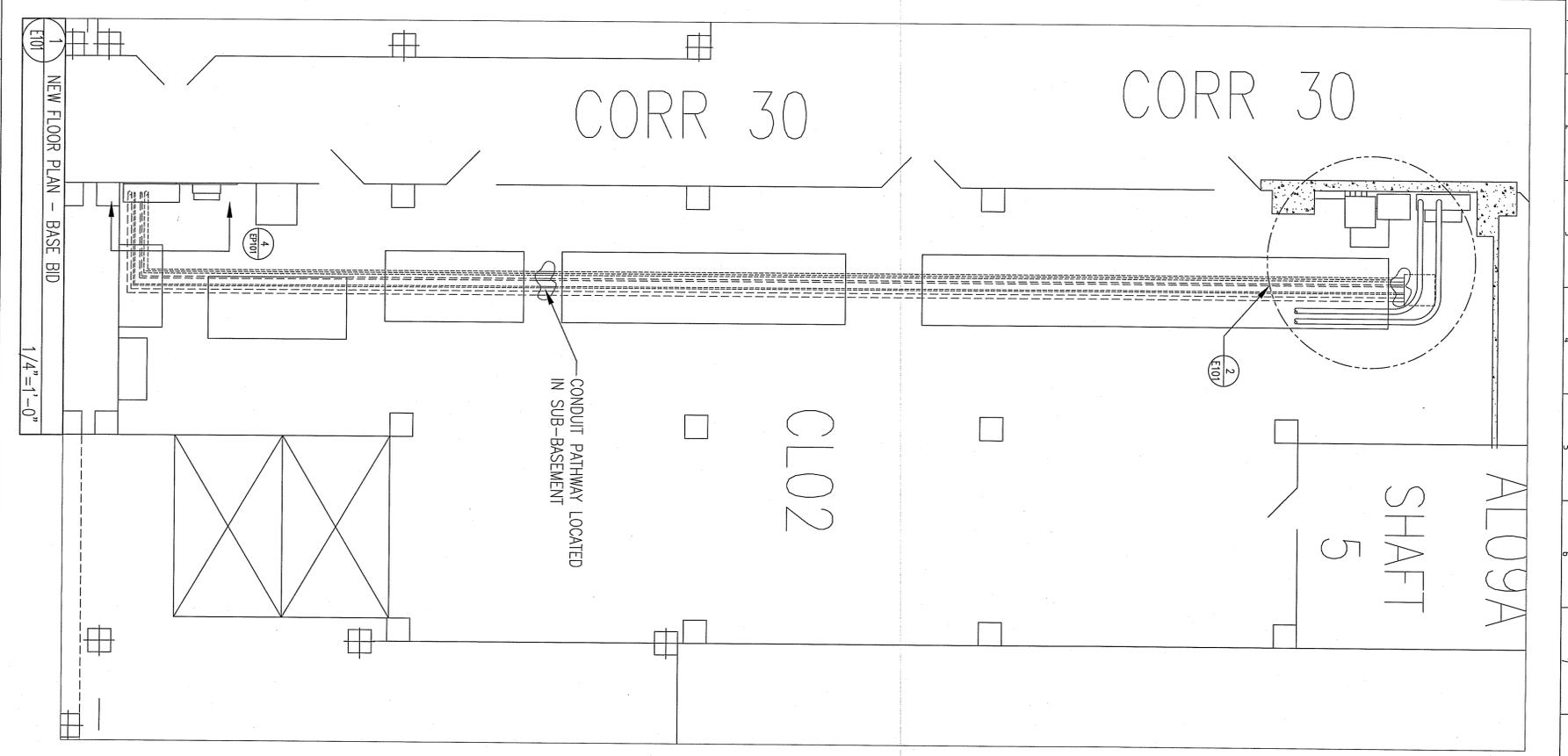
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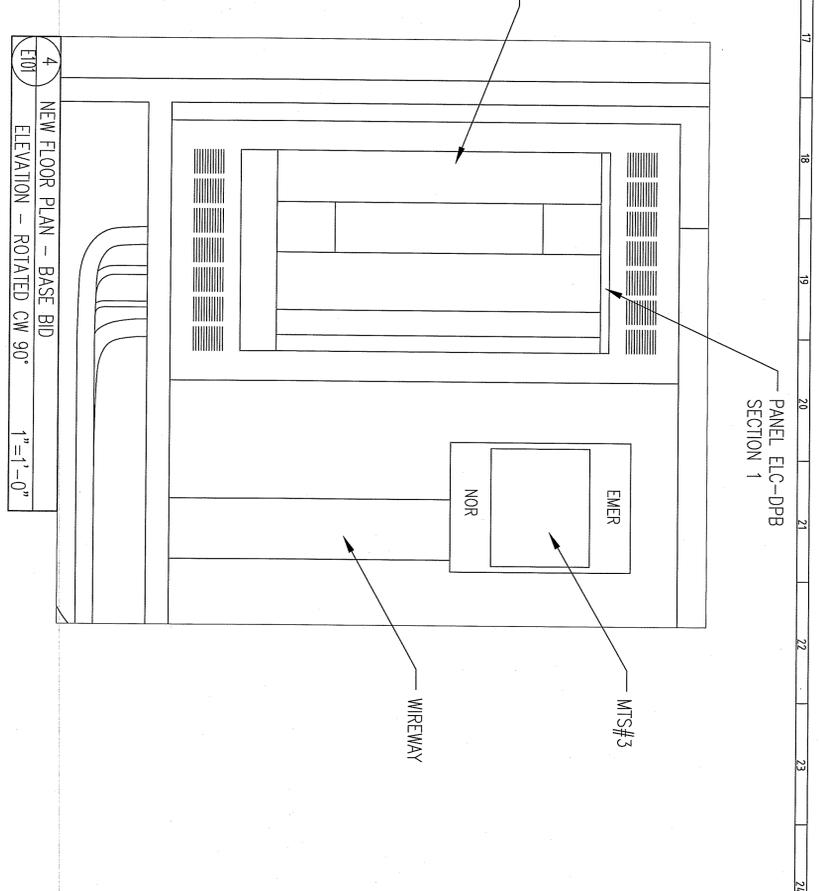
REVISION	DESCRIPTION	BY	DATE



DEPT. OF VETERANS AFFAIRS



- 1 ADD MANUAL TRANSFER SWITCH. LOCATE AS CLOSE TO LC-DPD AS ALLOWED BY CODE. MAXIMIZE HEIGHT ABOVE FLOOR TO ALLOW ACCESS TO DOOR IN FLOOR. BASIS OF DESIGN : EATON TYPE, CATALOG NUMBER N1EMDB306600BSU.
- 2 JUNCTION BOX RECONFIGURED AS NECESSARY.
- 3 ADD NEW ACCESS COVER (APPROX. 30" x 30"), SAME MATERIAL AS EXISTING. MUST SUPPORT 350PSF WHEN INSTALLED IN FRAME. MAY USE EXISTING FRAME (WITH HINGES REMOVED).
- 4 INSTALL NEW CONDUIT TO ACCOMMODATE NEW CIRCUITS. INSTALL (8) 250 MCM CIRCUITS, COLOR: BLACK, (1) #4 GROUND WIRE, (2) 250MCM/PHASE IN (2) 2-1/2" CONDUITS. INSTALL PARALLEL 2-1/2" CONDUITS, PROVIDE (4)-250MCM CONDUCTORS AND (1) #4 GROUND PER CIRCUIT.
- 5 REVISE EXISTING MOUNTING CHANNEL AS REQUIRED TO ACCOMMODATE MANUAL TRANSFER SWITCH INSTALLATION WHILE STILL MAINTAINING STRUCTURAL INTEGRITY OF EXISTING PANEL LC-DPD.
- 6 MOUNT MANUAL TRANSFER SWITCH TO CLEAR GROUND BAR.
- 7 ADD CHANNEL SUPPORTS PER RECOMMENDATION OF MANUAL TRANSFER SWITCH MANUFACTURER.
- 8 ADD 500A CIRCUIT BREAKER TO PANEL ELC-DPB SECTION 1, SQUARE "D" 1-LINE MINIMUM AC 42K BREAKER LUGS MUST ACCOMMODATE PANEL CONDUCTORS.
- 9 NEW EM FEED TO TRANSFER SWITCH. CORE DRILL THRU FLOOR, KEEPING HOLE(S) AS SMALL AS POSSIBLE. DO NOT DRILL THRU BEAM UNDER FLOOR.
- 10 INSTALL 2, NEW 2-1/2" CONDUITS TO EXISTING JB.
- 11 LOCATE OUTLET APPROX. AS SHOWN.



Drawing Title INSTALLATION DETAILS		Project Title ADD KITCHEN RE-THERMS TO EMERGENCY POWER	
Approved: Facility Manager _____	Building Number 1	Checked: AJ _____	Drawn: DHA _____
Location VAHC SYRACUSE, NY		Date 2/30/2012	Project No. 628A7-12-720
Drawing No. EP-101		Date 4 OF 4	_____