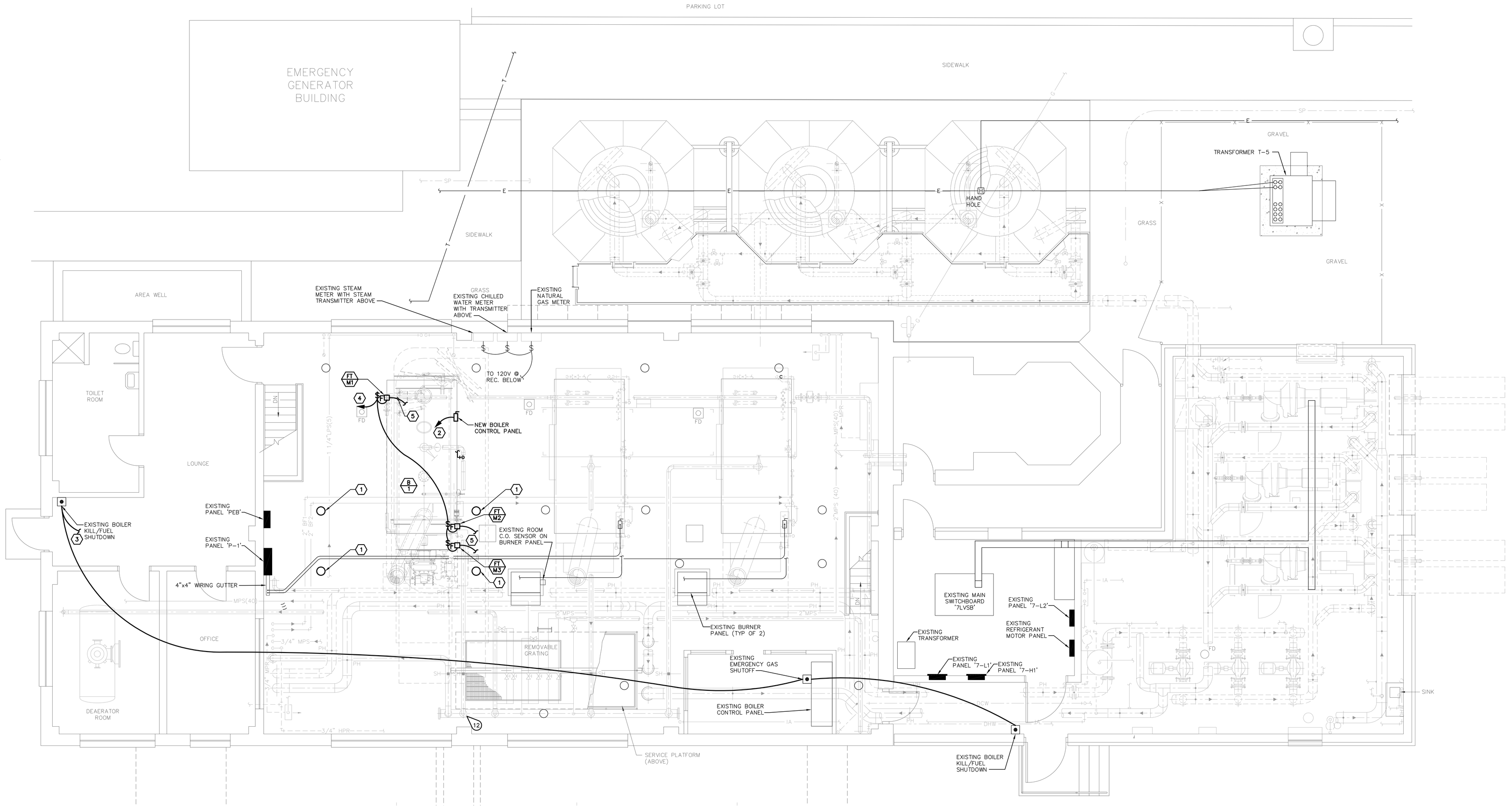

ELECTRICAL – FIRST FLOOR PLAN

SCALE: 1/4 INCH = 1 FOOT

ELECTRICAL KEYNOTES: (⬡)

1. RECONNECT RELOCATED LIGHT FIXTURE TO EXISTING CIRCUIT.
2. PROVIDE CONNECTION TO NEW SQUARE 'D'. I–LINE, 208 VOLT, 3 POLE, 80 AMP CIRCUIT BREAKER IN EXISTING PANEL 'P–1'. PROVIDE 3–#3, 1–#8 GRD., 1 1/2" C. PROVIDE CONNECTION TO BOILER CONTROL PANEL VIA 100 AMP, 3 POLE, FUSIBLE, NEMA 1 DISCONNECT. PROVIDE TIME DELAY FUSES IN DISCONNECT PER MANUFACTURERS REQUIREMENTS.
3. PROVIDE CONNECTION FROM BOILER KILL/FUEL SHUTDOWN SWITCHES TO NEW BOILER B–1. PROVIDE 2–#12, 1/2" C. PROVIDE ADDITIONAL NORMALLY CLOSED CONTACT BLOCKS FOR EACH PUSHBUTTON STATION AS REQUIRED. NORMALLY CLOSED CONTACTS TO BE SERIES CONNECTED. FIELD VERIFY EXACT REQUIREMENTS.
4. PROVIDE CONNECTION TO NEW 20/1 (120 V) CIRCUIT BREAKER IN EXISTING PANEL 'PEB'. PROVIDE 2–#12, 1–#12 GRD., 1/2" C. FIELD VERIFY BREAKER REQUIREMENTS.
5. PROVIDE CONNECTION FROM FLOW METER TO CONTROL PANEL IN BOILER OPERATION OFFICE. PROVIDE 1–#16 AWG TWISTED SHIELDED PAIR, 1/2" C. COORDINATE REQUIREMENTS WITH METER PROVIDED.

Revisions	Date

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IMPORTANT CONTRACTOR'S NOTE

1. ALL CONTRACTORS ARE RESPONSIBLE FOR REVIEWING ENTIRE SET OF DOCUMENTS TO DETERMINE THEIR FULL SCOPE OF WORK. CONTRACTOR SHALL NOT BE ALLOWED EXTRA COSTS DUE TO FAILURE TO REVIEW ENTIRE SET OF DOCUMENTS.
2. ANY USE OF THESE ELECTRONIC DRAWINGS OR SCALING OF THE PRINTED DOCUMENTS ARE DONE SO AT THE CONTRACTORS RISK.

ARCHITECT/ENGINEERS:

Calvin L. Hinz Architects, P.C.
3705 North 200th Street
Elkhorn, Nebraska 68022
Phone:402.291.6941 Fax: 402.291.9193

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Drawing Title	ELECTRICAL - FIRST FLOOR PLAN
Project Title	RENOVATE STEAM SYSTEM PHASE 1
Location	VAMC Grand Island, Nebraska
Project Number	636-12-110
Building Number	7
Drawing Number	7EP101
Dwg.	12 of 12
Approved: Project Director	KEVIN HUTSELL
	CONTRACT DOCUMENTS (CD-1) SUBMITTAL 100% APRIL 19, 2012
Date	APRIL 19, 2012
Checked	D.C.L.
Drawn	S.A.K.

Office of Construction and Facilities Management

Department of Veterans Affairs

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