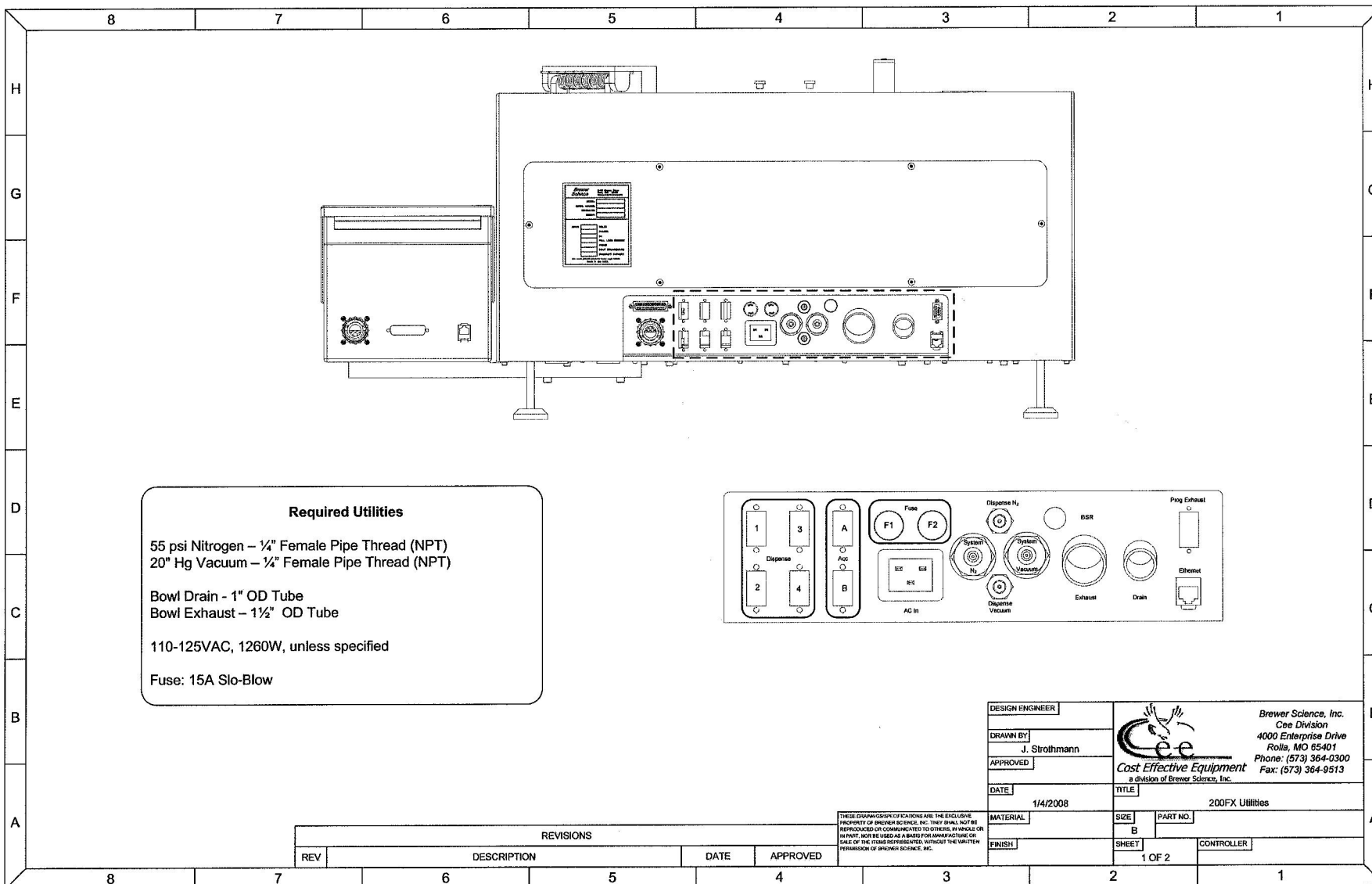
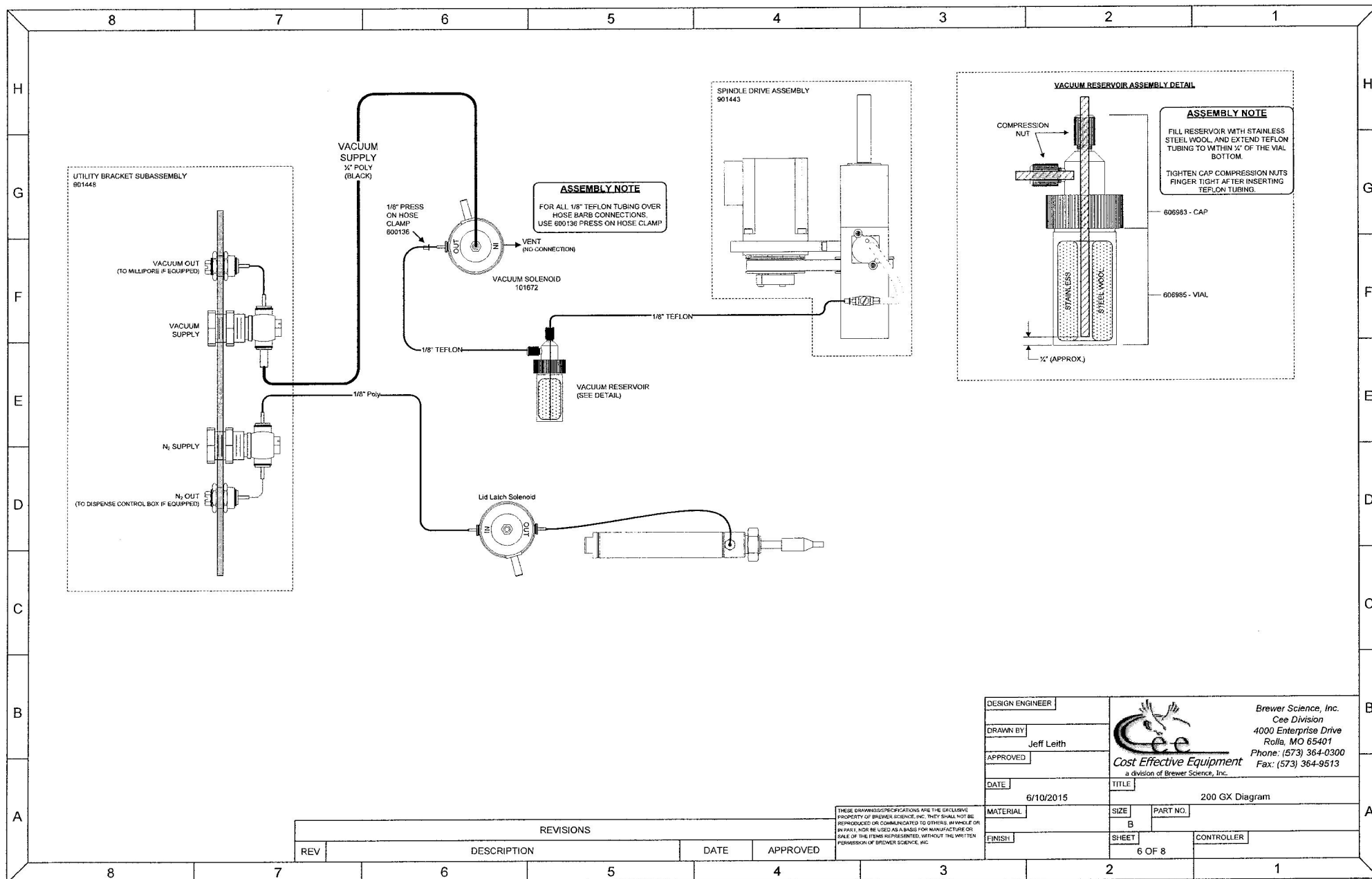






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DATE			
6/10/2015			
TITLE	200 GX Diagram		
MATERIAL	SIZE	PART NO.	
	B		
FINISH	SHEET	CONTROLLER	
	6 OF 8		

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

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HMI Screen Set-Up

- 1) Connect the HMI screen to the PC using a Mitsubishi DB9 connecting cable (black on one end)
- 2) Open E-Designer 7.10
 - Open the File menu
 - Select Open – Select appropriate file
 - 200 HMI
 - 200CB HMI
 - 200CB_PW_(400)_Ramp
 - etc.
- 3) Open the Transfer menu
 - Select Project
 - Settings:
 - Use Serial Transfer
 - Port: COM1
 - Baudrate: 57600
 - Timeout: 10000
 - Retries: 3
 - Parity: None
 - Databits: 8
 - Stopbits: 1
 - When Settings are correct press OK
 - Press Send

The screen should reset while the program is being uploaded.

Note:

If the display is being re-programmed and the IP address is already set, you may program the HMI over ethernet. Do not set up the Serial Transfer, just Press Send.

PLC Set-Up

- 1) Connect the PC to the machine using a ethernet crossover cable.
- 2) Open MelSoft App. GX Developer-FX
 - Open the File menu
 - Select Appropriate File
 - PLC_Logic_W_Ramp
 - etc
- 3) Move the Run/Stop on the PLC to the stop position
- 4) Open the Online menu
 - Select Clear PLC Memory
 - Select PLC Memory
 - Press Execute
- 5) Open the Online menu
 - Select Write to PLC
 - Select Program Main and PLC Parameter
 - Press execute
 - *Press Yes
 - *Press Yes
 - *Press OK
- 6) Move the Run/Stop on the PLC to the run position
- 7) Auto Tune the Bake plate at 120C

Servo Set-Up

- 1) Connect PC to Servo using the Supplied USB Cable
- 2) Open MelSoft Application MR Configurator Set Up 221E
- 3) Select Setup
 - System Settings:
 - Model Selection: MR-J3-A
 - Station Selection: 00
 - Communication Device: USB
 - Press OK
- 4) Click OnLine
 - Select Parameters
 - Parameter List
 - Read All
 - Select Extension Setting tab
 - Highlight the Value in PC20 (station #)
 - Change to 1
 - Click the Write Key
- 5) Cycle Power (Keep power off 10 sec)
- 6) Select Setup
 - Select System Settings:
 - Model Selection: MR-J3-A
 - Station Selection: 01
 - Communication Device: USB
 - Press OK
 - Click OnLine
- 7) Select Project
 - Open Appropriate file
 - Servo Parameters
 - Select Parameters
 - Parameter List
 - Click Write All
 - Click OK
- 8) Cycle Power (Keep power off 10 sec)
 - Click Write All
- 9) Cycle Power (Keep power off 10 sec)

DESIGN ENGINEER

DRAWN BY

Jeff Leith

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DATE

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MATERIAL

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Cee Division
4000 Enterprise Drive
Rolla, MO 65401
Phone: (573) 364-0300
Fax: (573) 364-9513

TITLE

200 GX Diagram

SIZE

B

PART NO.

SHEET

7 OF 8

CONTROLLER

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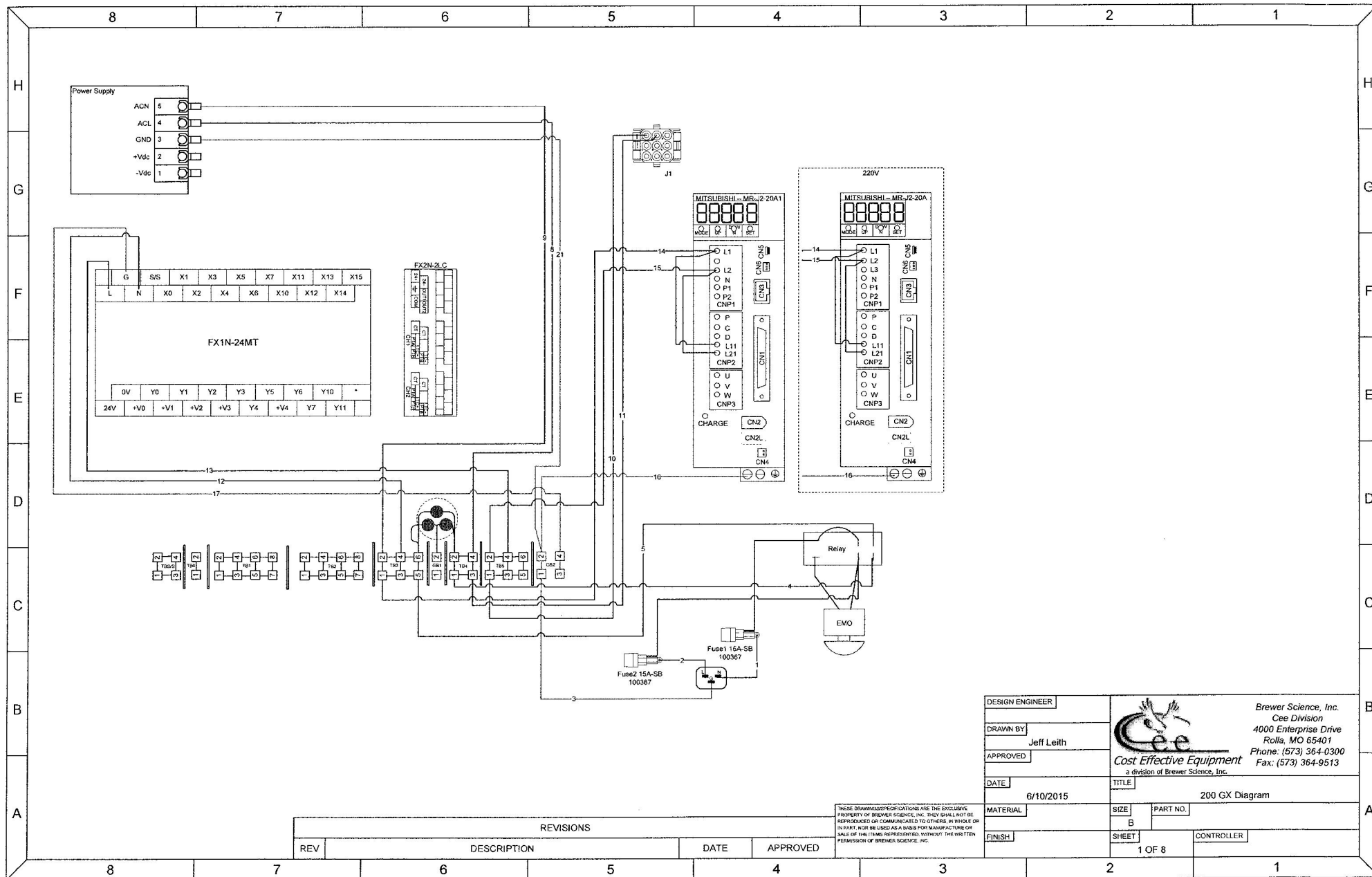
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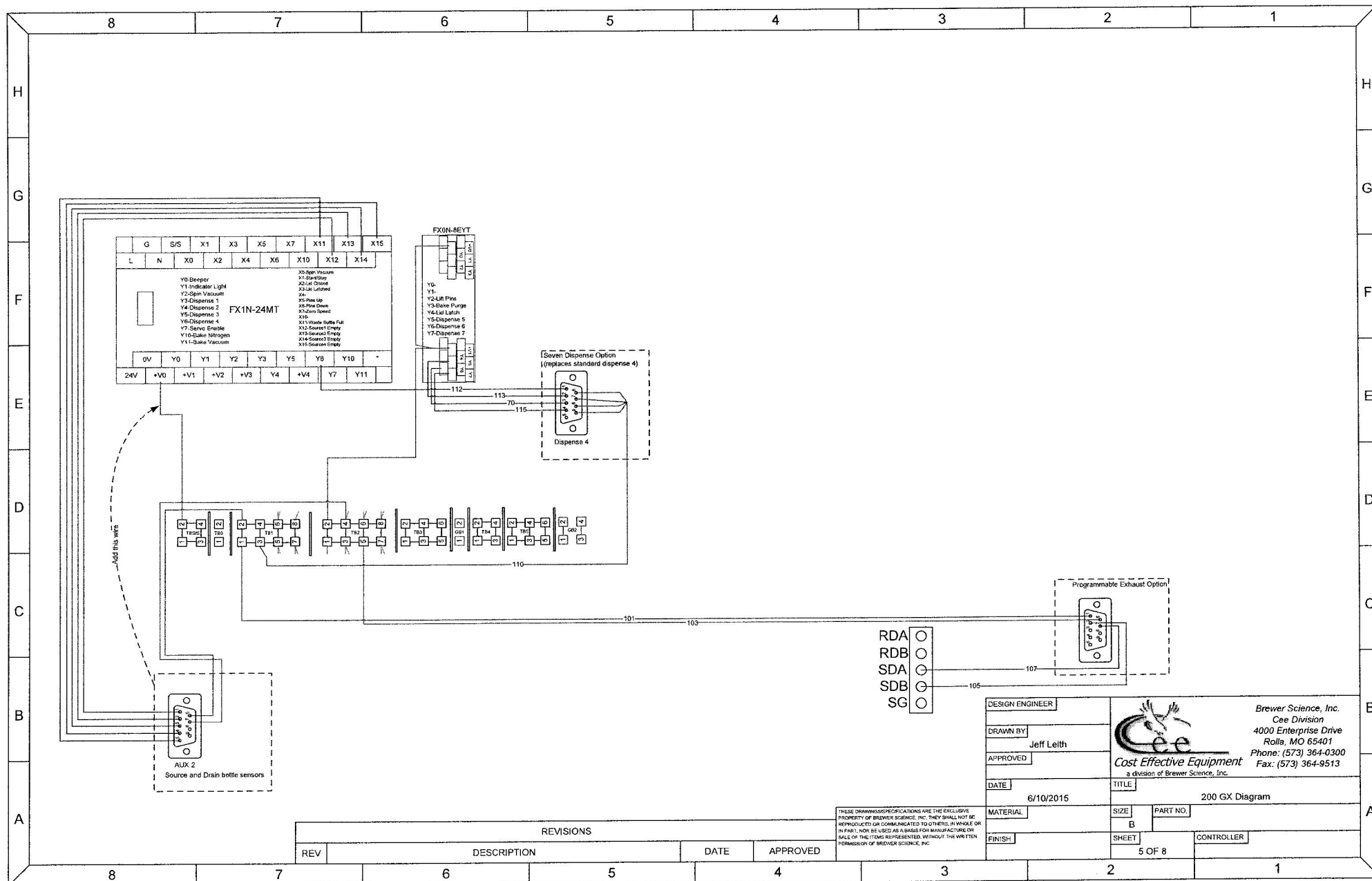
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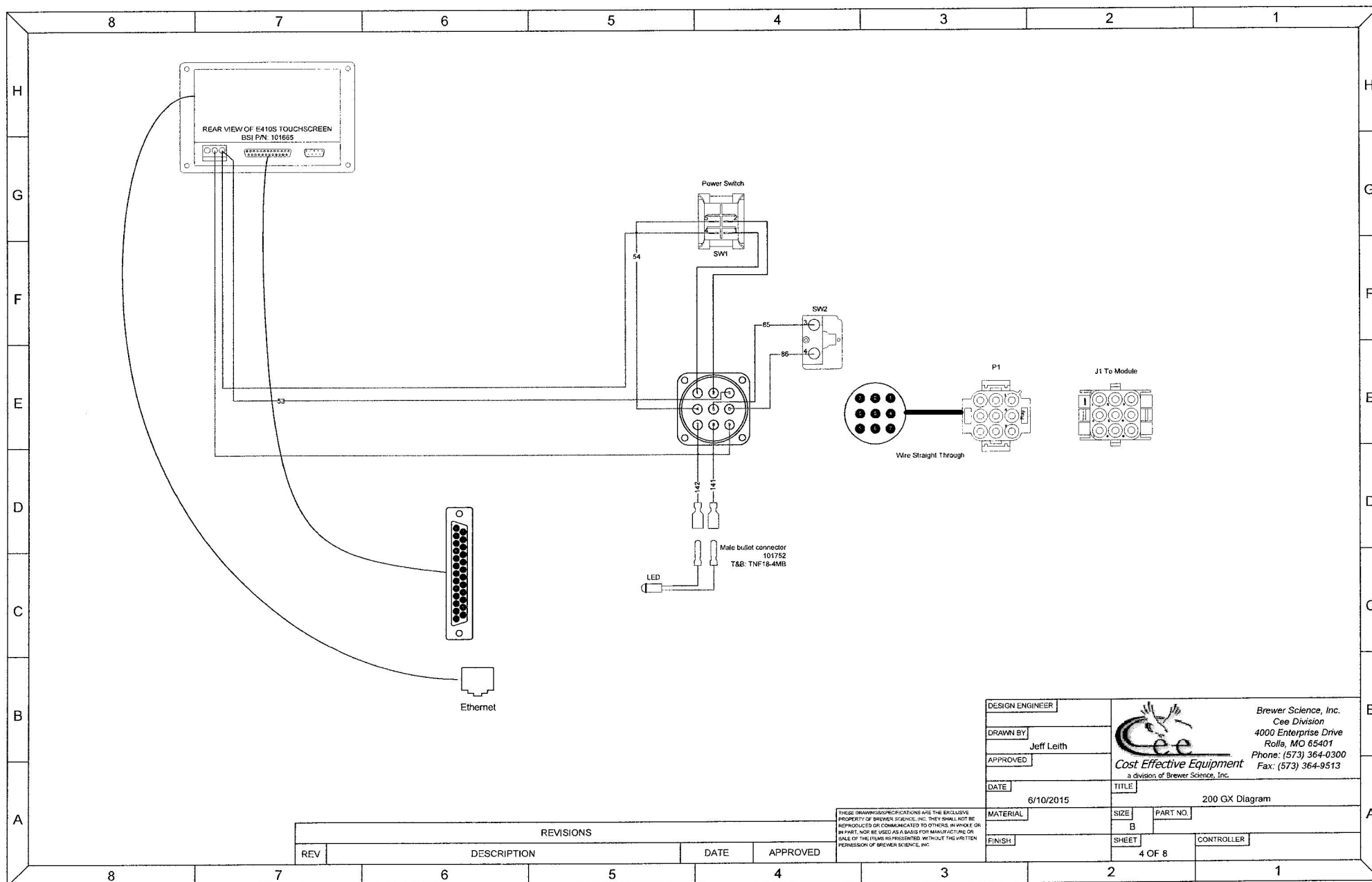
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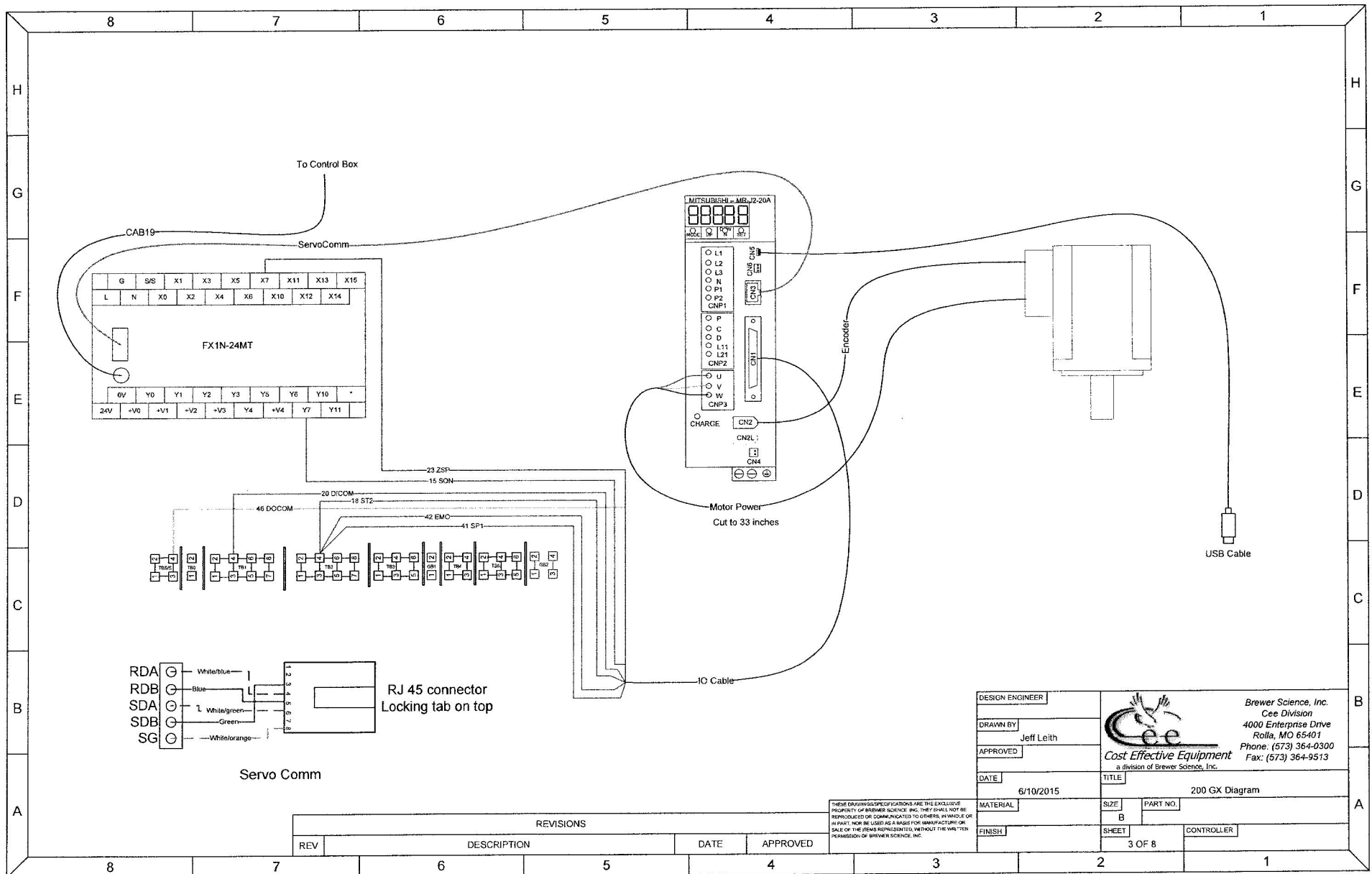




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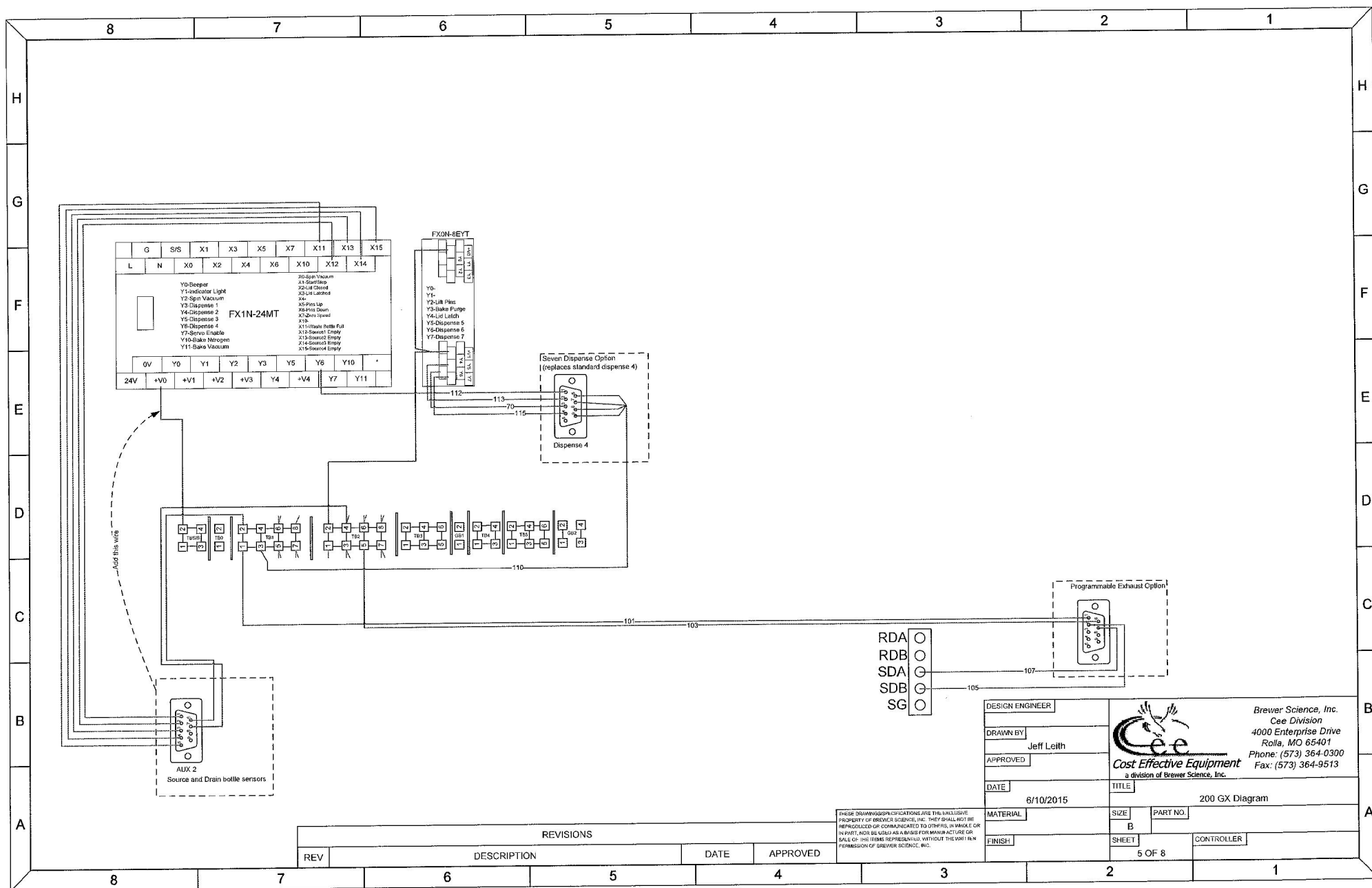
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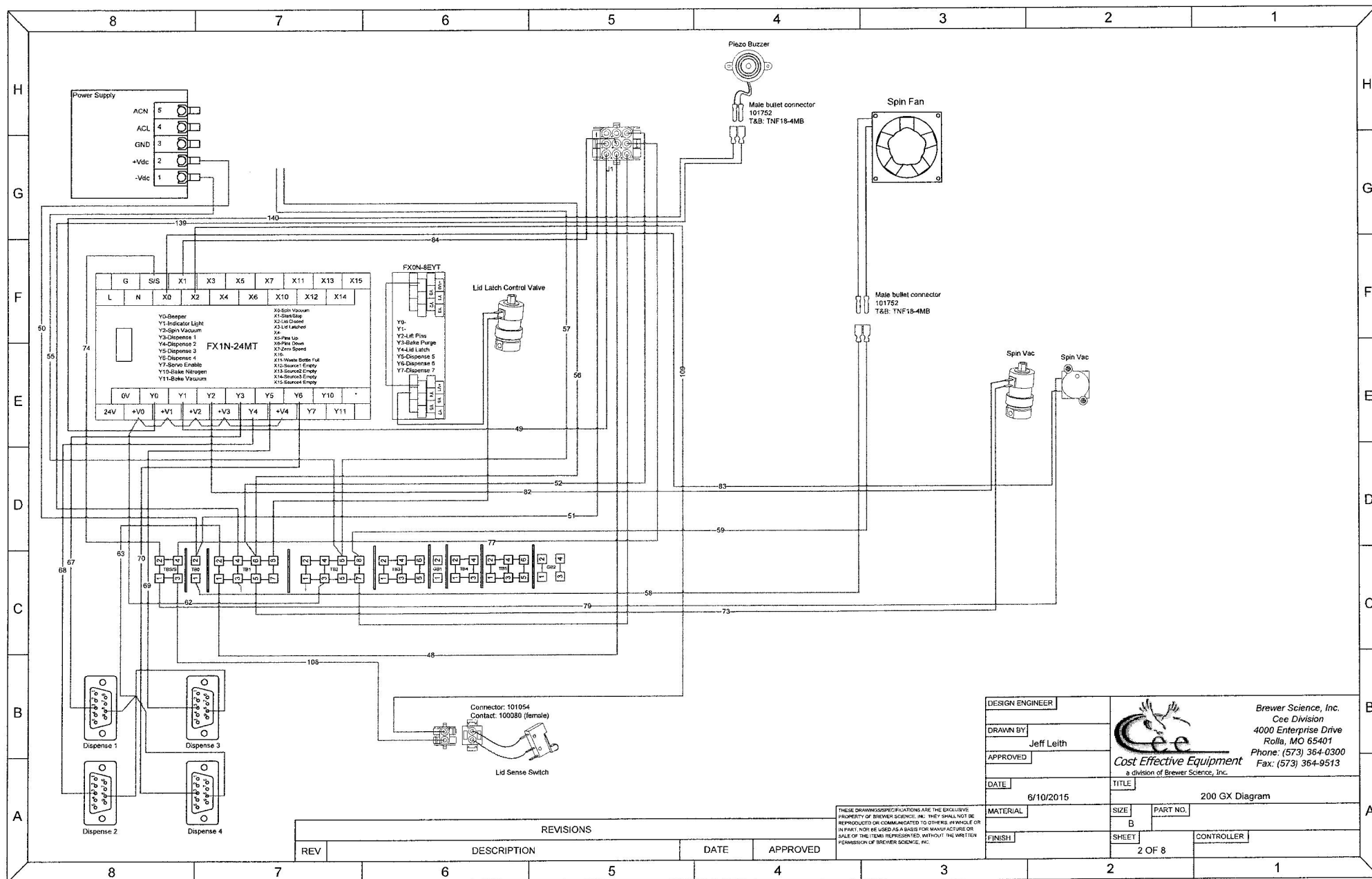


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	8	7	6	5	4	3	2	1	
H	B – Added programmable exhaust circuitry. Moved input common (S/S) to TBS/S C – Added Source and Drain sense circuitry, removed Millipore option.								H
G									G
F									F
E									E
D									D
C									C
B									B
A									A

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