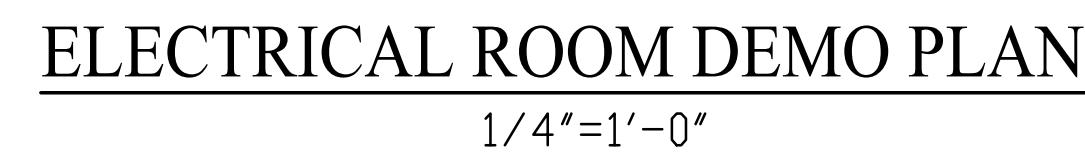


The diagram illustrates a complex process flow involving several key components and control systems:

- Vessels and Pumps:**
 - 101-MFM-1:** A large vertical vessel with a pump (M) at the bottom.
 - 102-AC-1, 102-AC-2, 102-AC-3, 102-AC-4:** Four horizontal vessels, each equipped with a pump (M).
- Control and Instrumentation:**
 - 7:** Multiple temperature or pressure measurement points indicated by small squares.
 - 8:** A specific measurement point on the line between 101-MFM-1 and 102-AC-2.
 - FT (Flow Transmitter):** Located on the line from 101-MFM-1.
 - L6001-31:** A control loop or signal line connecting the FT to the 102-AC-2 pump.
- Flow and Direction:**
 - Flow is generally from left to right, as indicated by the orientation of the vessels and the placement of pumps.
 - Arrows indicate the direction of flow at various junctions.
- Legend:**
 - 102-AC-4, 102-AC-3, 102-AC-2, 102-AC-1:** These labels are associated with the four horizontal vessels.
 - MCC-NE:** Motor Control Center - North East, indicated by arrows pointing to the pumps of 102-AC-3 and 102-AC-2.

- ① PUMP 103-P-1 VFD
- ② PUMP 103-P-2 VFD
- ③ PUMP 101-P-1 MCC
- ④ PUMP 101-P-2 MCC
- ⑤ PUMP 102-1 VFD
- ⑥ PUMP 102-2 VFD
- ⑦ 10#14-1" TO PLC-DG
- ⑧ 1-2/C#16SH-3/4" TO PLC-DG
- ⑨ PUMP 103-P-3 VFD
- ⑩ PUMP 130-P-4 VFD



DWG. NO. C-08 SLUDGE		FIELD BOOK:	SURVEYED BY:	SCALE:
WAVE STATION & ELECTRICAL				VERT.
CONTRACT NO. 14-0036-UT	DATE DRAWN: JULY 2019	DRAWN BY: JPH	HORIZ. AS NOTED	
JOB NO. 03720-048-01	DESIGNED BY: WCH	CHECKED BY: WCH	SHEET NO.: E8	
APPROVED FOR CONSTRUCTION		DATE		
WILLARD C. HOANSHREY, P.E. # 42593				

BID SET