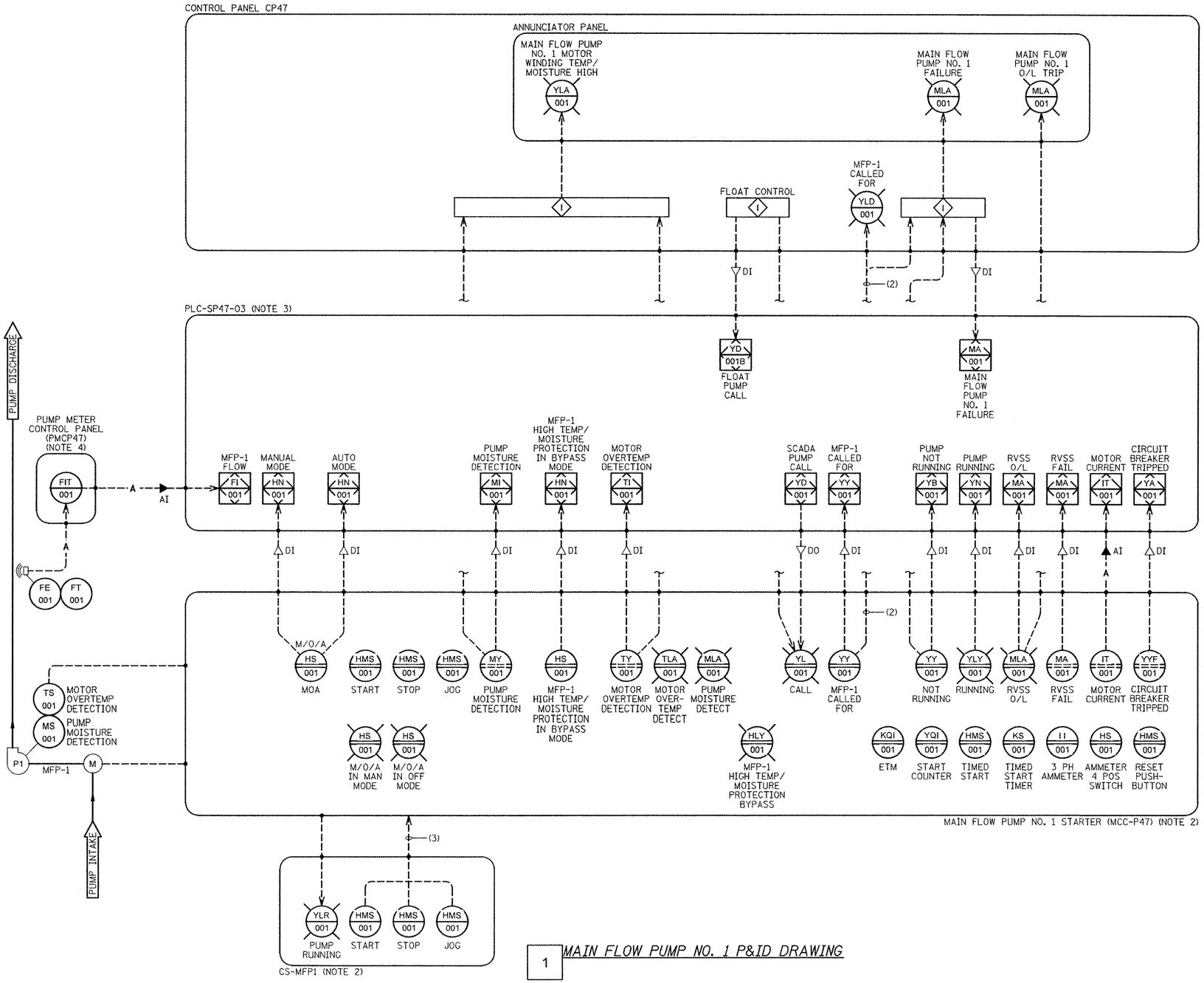

NOTES:

1. SEE SHEETS GI-1 AND GI-2 FOR INSTRUMENTATION SYMBOL LISTS, ABBREVIATIONS, AND GENERAL NOTES.
2. REFER TO SHEET E-3 FOR PUMP CONTROL WIRING DIAGRAM.
3. REFER TO SPECIFICATION SECTION 40 94 23 FOR ADDITIONAL PUMP ALTERNATOR CONTROLLER REQUIREMENTS & SEQUENCE OF OPERATION.
4. PUMP METER CONTROL PANEL INCLUDES A METER FOR EACH OF THE MAIN FLOW PUMPS AND THE LOW FLOW PUMP. REFER TO SHEETS I-4, I-5, I-6, AND ID-4 DETAIL 1 FOR ADDITIONAL INFORMATION.
5. PROVIDE INTRINSICALLY SAFE RELAYS AND BARRIERS FOR CONTROL AND INSTRUMENT CABLES RUN FROM HAZARDOUS LOCATIONS INTO CONTROL PANELS, AS REQUIRED TO INSURE SAFE OPERATION IN HAZARDOUS LOCATIONS.

1 *MAIN FLOW PUMP NO. 1 P&ID DRAWING*

I-3 A

McDonough Associates Inc. Engineers/Architects, 130 East Randolph Street - Suite 1000, Chicago, Illinois 60601 Phone: (312) 946-6600		DESIGNED DKC	REVISED -Addendum A 5-23-12	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I & C MAIN FLOW PUMP NO. 1 P&ID DRAWING PUMP STATION 47	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED KMY	REVISED -			338/IL 59	2011-035-I	DUPAGE	181	137
	SCALE	DRAWN CJM	REVISED -					CONTRACT NO. 60P41		
	DATE 03/22/2012	CHECKED KMY	REVISED -		SHEET NO. I-3 OF 10 SHEETS			ILLINOIS FED. AID PROJECT		