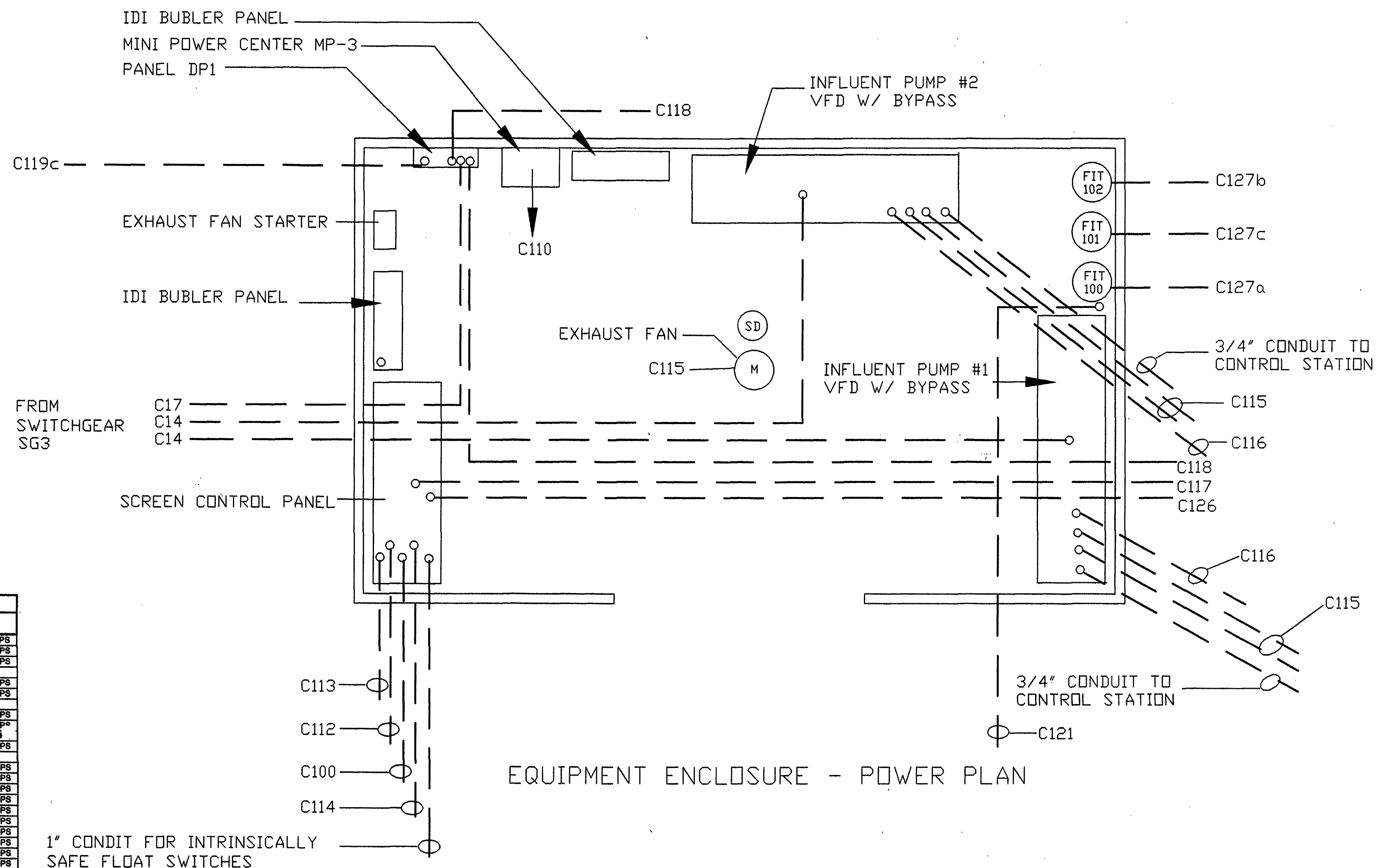


CONDUIT NO.	ORIGIN	DESTINATION	CONDUIT SIZE	WIRE IN CONDUIT	GND	LOCATION
C40A	TSP #3 STARTER	TSP #3	3/4"	(3) #12	#12	THICKEN SLUDGE PS
C42B	TSP #3 STARTER	TSP #3 CONTROLLER	3/4"	(2) #12	#12	THICKEN SLUDGE PS
C43	PNL PP1	TRSDH-1	3/4"	(3) #12	#12	THICKEN SLUDGE PS
C44	PNL PP1	PNL MP-2	1"	(3) #4	#10	THICKEN SLUDGE PS
C47	PNL PP1	TS EUH-1	3/4"	(3) #12	#12	THICKEN SLUDGE PS
C100	MP2	GAS MONITOR/TRANSMTR	3/4"	(2) #12	#12	THICKEN SLUDGE PS
C101	GAS MONITOR/TRANSMTR	ACT-1	3/4"	(8) #14	#12	THICKEN SLUDGE PS
C102	GAS MONITOR/TRANSMTR	H2S SENSOR	3/4"	6/C #16	#12	THICKEN SLUDGE PS
C103	GAS MONITOR/TRANSMTR	GHC SENSOR	3/4"	5/C #16	#12	THICKEN SLUDGE PS
C300	MP-2	J BOX	3/4"	(2) #12	#12	THICKEN SLUDGE PS
C301	J BOX	ACT CONT #4	1"	(3) #12	#12	THICKEN SLUDGE PS
C302	ACTUATOR CTRL #4	ACT CONT #3	1"	(3) #12	#12	THICKEN SLUDGE PS
C303	ACTUATOR CTRL #3	ACT CONT #2	1"	(2) #12	#12	THICKEN SLUDGE PS
C304	ACTUATOR CTRL #2	ACT CONT #1	1"	(1) #12	#12	THICKEN SLUDGE PS
C305	J BOX	(1) #12, (2) #12	1"	(1) #12, (2) #12	#12	THICKEN SLUDGE PS
C306	J BOX	(2) #12, (2) #12	1"	(2) #12, (2) #12	#12	THICKEN SLUDGE PS
C307	J BOX	J BOX	1"	(1) #12, (2) #12	#12	THICKEN SLUDGE PS
C308	J BOX	ACTUATOR #1	1"	(1) #12, (2) #12	#12	THICKEN SLUDGE PS
C309	J BOX	ACTUATOR #2	1"	(1) #12, (2) #12	#12	THICKEN SLUDGE PS
C310	J BOX	ACTUATOR #3	1"	(1) #12, (2) #12	#12	THICKEN SLUDGE PS
C21	MCC #1	RECIRC PUMP	1"	(3) #12, (10) #14	#12	POLYMER BLDG
C22	MCC #1	MP-1	1"	(3) #4	#10	POLYMER BLDG
C23	MP1	RECIRC PUMP PNL	3/4"	(2) #12	#12	POLYMER BLDG
C24	LIT 105	LE 105	3/4"	(1) #14	#12	POLYMER BLDG
C25	MP1	LIT 105	3/4"	(2) #12, 6 #14	#12	POLYMER BLDG
C26	MP1	FILL STATION PNL	3/4"	(2) #12, 6 #14	#12	POLYMER BLDG
C27	MP1	POLYMER HEAT TRACE	3/4"	(4) #12	#12	POLYMER BLDG
C28	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C29	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C30	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C31	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C32	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C33	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C34	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C35	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C36	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C37	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C38	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C39	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C40	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C41	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C42	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C43	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C44	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C45	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C46	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C47	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C48	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C49	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C50	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C51	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C52	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C53	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C54	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C55	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C56	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C57	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C58	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C59	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C60	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C61	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C62	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C63	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C64	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C65	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C66	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C67	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C68	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C69	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C70	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C71	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C72	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C73	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C74	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C75	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C76	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C77	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C78	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C79	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C80	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C81	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C82	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C83	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C84	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C85	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C86	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C87	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C88	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C89	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C90	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C91	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C92	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C93	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C94	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C95	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C96	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C97	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C98	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C99	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG
C100	MP1	POLYMER BLDG	3/4"	(4) #12	#12	POLYMER BLDG



CONDUIT AND WIRE SCHEDULE						
CONDUIT NO.	ORIGIN	DESTINATION	CONDUIT SIZE	WIRE IN CONDUIT	GND	LOCATION
C11	AEP POLE	AEP XFMR @SS-3	(2) 4"	AEP PRIMARY		INFL P.S.
C12	AEP XFMR @SS-13	SG-3	(4) 4"	(4) #500 KCMIL		INFL P.S.
C13	SG-3	MCC 1B51	(2) 4"	(3) #750 KCMIL	#40	INFL P.S.
C14	SG-3	INFL VFD #1	(2) 2"	(3) #40	#1	INFL P.S.
C15	INFL VFD #1	XP J BOX @ INFL PUMP #1	(2) 3-1/2"	(3) #40	#1	INFL P.S.
C16	INFL VFD #1	XP J BOX @ INFL PUMP #1	1-1/2"	(1) #14		INFL P.S.
C16B	INFL VFD #1	INFL PUMP #1 CTRL STATION	3/4"	(3) #14		INFL P.S.
C14A	SG-3	INFL VFD #2	(2) 2"	(3) #40	#1	INFL P.S.
C15A	INFL VFD #2	XP J BOX @ INFL PUMP #2	(2) 2"	(3) #40	#1	INFL P.S.
C16A	INFL VFD #2	XP J BOX @ INFL PUMP #2	(2) 3-1/2"	(1) #14		INFL P.S.
C16C	INFL VFD #2	INFL PUMP #2 CTRL STATION	3/4"	(3) #14		INFL P.S.
C17	SG-3	PANEL DP-1	2"	(3) #40	#4	INFL P.S.
C100	INFL SCREEN CTRL PNL	BAR SCREEN #2	1-1/4"	(4) #12, (20) #14		INFL P.S.
C110	PNL DP-1	PNL MP-3	1"	(3) #4	#10	INFL P.S.
C111	INFL SCREEN CTRL PNL	INFL SCREEN CTRL PNL	3/4"	(2) #8	#10	INFL P.S.
C112	INFL SCREEN CTRL PNL	BAR SCREEN #1	1-1/4"	(4) #12, (20) #14		INFL P.S.
C113	INFL SCREEN CTRL PNL	CONVEYOR #1	1-1/4"	(4) #12, (20) #14		INFL P.S.
C114	INFL SCREEN CTRL PNL	CONVEYOR #2	1-1/4"	(4) #12, (20) #14		INFL P.S.
C115	PNL DP-1	EQ RM EXHAUST FAN	3/4"	(3) #12	#12	INFL P.S.
C117	SCREEN CTRL PNL	INFL MOTORIZED VALVE	3/4"	(12) #14		INFL P.S.
C118	PNL DP1	INFL MOTORIZED VALVE	3/4"	(3) #8	#10	INFL P.S.
C126	SCREEN CTRL PNL	INFL MOTORIZED VALVE	3/4"	(2) 2C #16 (SH)		INFL P.S.
C121	TERMINAL BOX ADMIN CTRL RM	FT 100, FT 101, FT 102	1"	(3) 2C #16 (SH)		INFL P.S.
C119	PNL MP-3	FT 100, FT 101, FT 102	3/4"	(2) #12	#12	INFL P.S.
C119C	PNL MP-3	POLE LIGHT	3/4"	(2) #12	#12	INFL P.S.
C127A	FT 100	FE 100	3/4"	FLOW SENSOR CABLE		INFL P.S.
C127B	FT 102	FE 102	3/4"	FLOW SENSOR CABLE		INFL P.S.
C127C	FT 101	FE 101	3/4"	FLOW SENSOR CABLE		INFL P.S.
C2	SG-1	MCC NO 1	(2) 3-1/2"	(4) #500 KCMIL	#10	GRAVITY THICKNER
C3	SG-1	MCC NO 2	(2) 4"	(4) #750 KCMIL	#10	GRAVITY THICKNER
C4	SG-1	PNL LDP-1	3"	(4) #250 KCMIL	#2	GRAVITY THICKNER
C5	SG-1	MCC NO 3	(2) 4"	(4) #750 KCMIL	#10	GRAVITY THICKNER
C6	SG-1	PNL PP-1 TSPS	3"	(3) #250 KCMIL	#2	GRAVITY THICKNER
C51	SG-2	MCC #12 EFF	(3) 3"	(3) #500 KCMIL	#10	BAF
C52	SG-2	MCC #10 BAF	(3) 3"	(3) #500 KCMIL	#10	BAF
C53	SG-2	MCC #11 BAF	(3) 3"	(3) #500 KCMIL	#10	BAF
C54	AEP POLE	AEP XFMR @ SG-3	(2) 4"	AEP PRIMARY		BAF
C55	AEP XFMR	SG-2	(8) 3-1/2"	(4) #500 KCMIL		BAF
C80	MCC #10	B-EUH-1	3/4"	(3) #12	#12	BAF
C81	MCC #10	B-EF-1	3/4"	(3) #12, (4) #12	#12	BAF
C82	MCC #10	45 KVA XFMR	1-1/4"	(3) #2	#8	BAF
C83	45 KVA XFMR	LP-1	2"	(4) #10	#8	BAF
C84	MCC #10	B-EF-2	3/4"	(3) #12, (4) #12	#12	BAF
C85	MCC #10	B-EUH-2	3/4"	(3) #12	#12	BAF
C86	MCC #10	DREDGE SHORE CTRL PNL	3/4"	(3) #350 KCMIL	#2	BAF
C87	MCC #10	SUMP PUMP CTRL PNL	3/4"	(3) #10	#10	BAF
C88	MCC #11	B-EUH-3	3/4"	(3) #12	#12	BAF
C89	MCC #11	B-EF-3	3/4"	(3) #12, (4) #12	#12	BAF
C90	MCC #11	45 KVA XFMR	1-1/4"	(3) #2	#8	BAF
C91	MCC #11	PNL LP-2	3/4"	(4) #10	#8	BAF
C92	MCC #11	B-EF-4	3/4"	(3) #12, (4) #12	#12	BAF
C93	MCC #11	B-EUH-4	3/4"	(3) #12	#12	BAF
C94	MCC #11	B-EUH-5	3/4"	(3) #12	#12	BAF
C95	MCC #11	VAULT @ EQ BASIN	2"	(3) #40	#4	BAF
C96	MCC #11	75 KVA XFMR	2"	(3) #10	#8	BAF
C97	75 KVA XFMR	ENCLOSED BREAKER	2"	(4) #40	#8	BAF
C98A	ENCLOSED BRKR	BLOWERS @ CL2 BLDG	2"	(4) #40	#8	BAF
C104	PNL LP-2	COMPUTER REC	3/4"	(2) #12	#12	BAF
C105	ATC-1	MCC #10 & #11	1"	(16) #14, (8) #14SP		BAF
C106	PNL LP-2	ATC-1	3/4"	(2) #12	#12	BAF
C107	PNL LP-2	BAF CTRL PNL	3/4"	(4) #12	#12	BAF
C108	PNL LP-2	B-EUH-6	3/4"	(2) #12	#12	BAF
C80	400A FUSED SWITCH	BAF PS CTRL PNL	3"	(3) #350 KCMIL	#2	BAF PS
C84	MCC #12	AIR SCOUR BLOWER #1	3"	(3) #350 KCMIL	#2	EF FILTER BLDG
C85	MCC #12	AIR SCOUR BLOWER #2	3"	(3) #350 KCMIL	#2	EF FILTER BLDG
C86	MCC #12	AIR SCOUR BLOWER #3	3"	(3) #350 KCMIL	#2	EF FILTER BLDG
C87	MCC #12	FAN #5	3/4"	(3) #350 KCMIL	#12	EF FILTER BLDG
C88	MCC #12	FAN #4	3/4"	(3) #12	#12	EF FILTER BLDG
C89	MCC #12	FAN #6	3/4"	(3) #12	#12	EF FILTER BLDG
C70	MCC #12	UH-1	3/4"	(3) #12	#12	EF FILTER BLDG
C71	MCC #12	UH-1	3/4"	(3) #12	#12	EF FILTER BLDG
C72	MCC #12	UH-2	3/4"	(3) #12	#12	EF FILTER BLDG
C73	MCC #12	UH-2	3/4"	(3) #10	#10	EF FILTER BLDG
C74A	30 KVA XFMR	PNL FP	1-1/2"	(3) #2	#8	EF FILTER BLDG
C44	PANEL PP1	THICKENER NO 2 CTRL PNL	3/4"	(3) #12	#12	THICKEN SLUDGE PS
C45	PANEL PP1	EXIST THICKENER NO 1 CTRL PNL	1"	(3) #12	#12	THICKEN SLUDGE PS
C49	DIGESTER BLOWER CTRL PNL	1"	(3) #8	#8	THICKEN SLUDGE PS	
C50	FIT 104 IN PIPING MANHOLE	FILTER BUILDING	1"	(1) 2C #16 (SH)	#8	THICKEN SLUDGE PS
C57	MP #2	FIT 104	3/4"	(2) #10	#10	THICKEN SLUDGE PS
C128	EXIST CKT		2"	(3) #4	#4	THICKEN SLUDGE PS
C129	EXIST CKT		2"	(3) #6	#6	THICKEN SLUDGE PS
C130	EXIST CKT	MH #9	2"	SPARE		THICKEN SLUDGE PS
C131	EXIST CKT	MH #9	2"	SPARE		THICKEN SLUDGE PS
C132	EXIST CKT	MH #9	2"			THICKEN SLUDGE PS
C133	EXIST CKT	METERING VAULT	1"	(2) #10		THICKEN SLUDGE PS
C134	EXIST CKT	METERING VAULT	1"	(1) 2C #16 (SH)		THICKEN SLUDGE PS
C135	EXIST CKT	METERING VAULT	2"	SCADA		THICKEN SLUDGE PS
C38A	TSPCP	TSP #1 STARTER	3/4"	(10) #14		THICKEN SLUDGE PS
C38B	TSPCP	TSP #2 STARTER	3/4"	(10) #14		THICKEN SLUDGE PS
C38C	TSPCP	TSP #3 STARTER	3/4"	(10) #14		THICKEN SLUDGE PS
C40	TSP	TSP PRESSURE SWITCHES	3/4"	(8) #14		THICKEN SLUDGE PS
C40	PNL PP1	TSP #1 STARTER	3/4"	(3) #12	#12	THICKEN SLUDGE PS
C40A	TSP #1 STARTER	TSP #1	3/4"	(3) #12	#12	THICKEN SLUDGE PS
C40B	TSP #1 STARTER	TSP #2 CONTROLLER	3/4"	(2) #12	#12	THICKEN SLUDGE PS
C41	PNL PP1	TSP #2 STARTER	3/4"	(3) #12	#12	THICKEN SLUDGE PS
C41A	TSP #2 STARTER	TSP #1	3/4"	(3) #12	#12	THICKEN SLUDGE PS
C41B	TSP #2 STARTER	TSP #2 CONTROLLER	3/4"	(2) #12	#12	THICKEN SLUDGE PS
C41C	PNL PP1	TSP #3 STARTER	3/4"	(3) #12	#12	THICKEN SLUDGE PS