

BASE 1	Point	1746-L552	Address	Description			
Slot 0				SLC-505 CPU / processor / controller			

BASE 1	Point	1746-SN	Address	Description			
Slot 1				Remote I/O Scanner #1			

BASE 1	Point	1746-SN	Address	Description			
Slot 2				Remote I/O Scanner #1			

BASE 1	Point	1746-NI8	Address	Description		Tag Name	WW Inputs
Slot 3	0		I:3.0				
	1		I:3.1				
	2		I:3.2				
	3		I:3.3				
	4		I:3.4				
	5		I:3.5				
	6		I:3.6				
	7		I:3.7				N7:13

BASE 1	Point	1746-NI8	Address	Description	Function	Tag Name	WW Inputs
Slot 4	0		I:4.0	Fat Storage, Tank #9	Level % Full	LT-009	N7:108
	1		I:4.1	Fat Storage, Tank #10	Level % Full	LT-010	N7:109
	2		I:4.2	Fat Storage, Tank #11	Level % Full	LT-011	N7:110
	3		I:4.3	Pack Tower #1 (Big), O2 Reduction	0-1000mv, ORP	ORP-04	N7:111
	4		I:4.4	Cooker #1, Level, 0-42"wc	Level % Full	LT-120	N7:112
	5		I:4.5	Cooker #1, Vapor Pressure i-1 O to +1 O)	inch W.C.	PT-120	N7: 113
	6		I:4.6	Cooker#1,SteamPressure(Shaft)0-150	PSIG	PT-121	N7:114
	7		I:4.7	Pressor Fines/Tallow Pump, Motor Load	Current/Amps	CT-145	N7:115

BASE 1	Point	1746-NI8	Address	Description	Function	Tag Name	WW Inputs
Slot 5	0		I:5.0	PreCrusher #1, Motor Load, 0-150A	Current/Amps	CT-102	N7:116
	1		I:5.1	Cooker #1, Main Drive, Motor Load, 0-200A	Current/Amps	CT-120	N7:117
	2		I:5.2	Centrifuge #1, Main Drive, Motor Load, 0-200A	Current/Amps	CT-131	N7:118
	3		I:5.3	Crax Press #1, Main Drive, Motor Load, 0-300A	Current/Amps	CT-141	N7:119
	4		I:5.4	Crax Press #2, Main Drive, Motor Load, 0-300A	Current/Amps	CT-142	N7:120
	5		I:5.5	HammerMill #1, Main Drive, Motor Load, 0-300A	Current/Amps	CT-165	N7: 121
	6		I:5.6	ACHE #1, Fan #1-, Motor Load, 0-100A	Current/Amps	CT-171	N7:122
	7		I:5.7	ACHE #1, Fan #2-, Motor Load, 0-100A	Current/Amps	CT-172	N7:123

BASE 1	Point	1746-NI8	Address	Description	Function	Tag Name	WW Inputs
Slot 6	0		I:6.0	ACHE #1, P-Trap Temp., 0-400°F	Temperature	TT-170	N7:124
	1		I:6.1	Cooker #1, Center (MID) Temp, 0-400°F	Temperature	TT-120	N7:125
	2		I:6.2	Cooker #1, Discharge (END) Temp, 0-400°F	Temperature	TT-121	N7:126
	3		I:6.3	Cross-Flow Scrubber Fan, Motor Load, 0-200A	Current/Amps	CT-180	N7:127
	4		I:6.4	Pack Tower #2 (Small), O2 Reduction	ORP	ORP-01	N7:128
	5		I:6.5	Cooker #1, Add-Fat Tank	Level Xmtr	LT-112	N7: 129
	6		I:6.6	Cross-Flow Scrubber, 1st Stage, O2 Reduction	ORP	ORP-02	N7:130
	7		I:6.7	Cross-Flow Scrubber, 2nd Stage, O2 Reduction	ORP	ORP-03	N7:131

BASE 1	Point	1746-NI8	Address	Description	Function	Tag Name	WW Inputs
Slot 7	0		I:7.0	Cooker #1, Condensate Flow, 0-1 OO GPM	Flow	FT-120	N7:132
	1		I:7.1	Pack Tower #1, (Big) Fan, MotorLoad, 0-200A	Current/Amps	CT-178	N7:133
	2		I:7.2	Cross-Flow Scrubber, Duct Temp #1, 0-500°F	Temperature	TT-180	N7:134
	3		I:7.3	Cooker #1 Steam Flow	Flow	FT-121	N7:135
	4		I:7.4	Steam Supply Pressure	Pressure	PT-123	N7:136
	5		I:7.5				N7: 137
	6		I:7.6				N7:138
	7		I:7.7				N7:139

BASE 1	Point	1746-NI8	Address	Description	Function	Tag Name	WW Inputs
Slot 8	0		I:8.0	Evap #1, Condensate Flow, 0-50 GPM	Flow	FT-411	N7:140
	1		I:8.1	Evap #1, Flash Chamber Level, (0-400"wc)	Level Xmtr	LT-411	N7:141
	2		I:8.2	Evap #1, Recirc Pump, Motor Load, 0-400A	Current/Amps	CT-411	N7:142
	3		I:8.3	Evap #1, Vacuum, 0-25 PSIA	Absolute PSI	PT-411	N7:143
	4		I:8.4	Evap #1, Recirc Heater INLET Temp, 0-400 °F	Temperature	TT-411	N7:144
	5		I:8.5	Evap #1, Recirc Heater OUTLET Temp, 0-400 °F	Temperature	TT-412	N7:145
	6		I:8.6	Evap #1 Vapor Condenser, Inlet Temp. (0-400 °F)	Temperature	TT-413	N7:146
	7		I:8.7	Evap #1 Vapor Condenser, Outlet Temp. (0-400 °F)	Temperature	TT-414	N7:147

BASE 1	Point	1746-NI8	Address	Description	Function	Tag Name	WW Inputs
Slot 9	0		I:9.0	Evap #2, Condensate Flow, 0-50 GPM	Flow	FT-421	N7:148
	1		I:9.1	Evap #2, Flash Chamber Level, (0-400"wc)	Level Xmtr	LT-421	N7:149
	2		I:9.2	Evap #2, Recirc Pump, Motor Load, 0-400A	Current/Amps	CT-421	N7:150
	3		I:9.3	Evap #2, Vacuum, 0-25 PSIA	Absolute PSI	PT-421	N7:151
	4		I:9.4	Evap #2, Recirc Heater INLET Temp, 0-400 °F	Temperature	TT-421	N7:152
	5		I:9.5	Evap #2, Recirc Heater OUTLET Temp, 0-400 °F	Temperature	TT-422	N7:153
	6		I:9.6	Evap #2 Vapor Condenser, Inlet Temp. (0-400 °F)	Temperature	TT-423	N7:154
	7		I:9.7	Evap #2 Vapor Condenser, Outlet Temp. (0-400 °F)	Temperature	TT-424	N7:155

BASE 2	Point	1746-NO4I	Address	Description	Function	Tag Name	WW Outputs
Slot 13	0		O:13.0	Raw Incline, VSD, Speed Ref.	Speed Ref	VSD-112	N7:180
	1		O:13.1	Pre-Crusher, VSD, Speed Ref.	Speed Ref	VSD-113	N7:181
	2		O:13.2	Raw Sludge Pump	Speed Ref	VSD-117	N7:182
	3		O:13.3	Cooker #1, Control Wheel	Speed Ref	VSD-126	N7:183

BASE 2	Point	1746-NO4I	Address	Description	Function	Tag Name	WW Outputs
Slot 14	0		O:14.0	Raw Bin #1, Discharge #1,	Speed Ref	VSD-091	N7:184
	1		O:14.1	Raw Bin #1, Discharge #2,	Speed Ref	VSD-092	N7:185
	2		O:14.2	Raw Bin #1, Discharge #3,	Speed Ref	VSD-093	N7:186
	3		O:14.3	Raw Bin #2, Discharge #1,	Speed Ref	VSD-094	N7:187

BASE 2	Point	1746-NO4I	Address	Description	Function	Tag Name	WW Outputs
Slot 15	0		O:15.0	Raw Bin #2, Discharge #2,	Speed Ref	VSD-095	N7:188
	1		O:15.1	Raw Bin #2, Discharge #3,	Speed Ref	VSD-096	N7:189
	2		O:15.2	Centrifuge #1, Feed Pump	Speed Ref	VSD-133	N7:190
	3		O:15.3	Non-Condensibles, Blower #1	Speed Ref	VSD-173	N7:191

BASE 2	Point	1746-NO4I	Address	Description	Function	Tag Name	WW Outputs
Slot 16	0		O:16.0	Crax Press #1, Feed Screw	Speed Ref	VSD-143	N7:192
	1		O:16.1	Crax Press #2, Feed Screw	Speed Ref	VSD-144	N7:193
	2		O:16.2	Crax Bins Discharge Screw #1	Speed Ref	VSD-156	N7:194
	3		O:16.3	Crax Bins Discharge Screw #2	Speed Ref	VSD-157	N7:195

BASE 2	Point	1746-NO4I	Address	Description	Function	Tag Name	WW Outputs
Slot 17	0		O:17.0	Non-Condensibles, Blower #2	Speed Ref	VSD-174	N7:196
	1		O:17.1				N7:197
	2		O:17.2				N7:198
	3		O:17.3				N7:199

BASE 2	Point	1746-NO4I	Address	Description	Function	Tag Name	WW Outputs
Slot 18	0		O:18.0	Evap #1, Vac-Valve		FCV-411	N7:200
	1		O:18.1	Evap #1, Feed Valve		FCV-412	N7:201
	2		O:18.2	Evap #1, Steam Valve		FCV-413	N7:202
	3		O:18.3	Evap #1, Discharge Valve		FCV-414	N7:203

BASE 2	Point	1746-NO4I	Address	Description	Function	Tag Name	WW Outputs
Slot 19	0		O:19.0	Evap #2, Vac-Valve		FCV-421	N7:204
	1		O:19.1	Evap #2, Feed Valve		FCV-422	N7:205
	2		O:19.2	Evap #2, Steam Valve		FCV-423	N7:206
	3		O:19.3	Evap #2, Discharge Valve		FCV-424	N7:207

BASE 2	Point	1746-NO4I	Address	Description	Function	Tag Name	WW Outputs
Slot 20	0		O:20.0	ACHE #1 Fan #2 Sped Ref		VSD-172	N7:208
	1		O:21.1	ACHE #1 Fan #1 Sped Ref		VSD-171	N7:209
	2		O:22.2				N7:210
	3		O:22.3				N7:211

BASE 3	Point	1746-IA16	Address	Description	Function	Tag Name	WW Inputs
Slot 1-0	0		I:1/0	Centrifuge #1, Feed Tank, Hi-Level		LSH-133	B11/0
	1		I:1/1	Centrifuge #2, Feed Tank, Hi-Level		LSH-431	B11/1
	2		I:1/2	Raw Bin #1, Emergency Stop Switch		ES-1	B11/2
	3		I:1/3	Pre-crusher, Emergency Stop Switch		ES-2	B11/3
	4		I:1/4				B11/4
	5		I:1/5	Cooker #1, Bearing Oil Flow Switch #1		ZSF-121	B11/5
	6		I:1/6	Cooker #1, Bearing Oil Flow switch #2		ZSF-122	B11/6
	7		I:1/7	Centrifuge #1, Bearing Oil Flow Switch #1		ZSF-134	B11/7
	8		I:1/8	Centrifuge #1, Bearing Oil Flow Switch #2		ZSF-135	B11/8
	9		I:1/9	Centrifuge #1, Bearing Oil Pressure Switch		ZSF-136	B11/9
	10		I:1/10	Centrifuge #1, Shear-Pin Safety Switch		ZSS-137	B11/10
	11		I:1/11	ACHE #1, Fan #1, Vibration Safety Switch		ZSV-171	B11/11
	12		I:1/12	ACHE #1, Fan #2, Vibration Safety Switch		ZSV-172	B11/12
	13		I:1/13	ACHE #2, Fan #1, Vibration Safety Switch		ZSV-173	B11/13
	14		I:1/14	ACHE #2, Fan #2, Vibration Safety Switch		ZSV-174	B11/14
	15		I:1/15	Master Control Relay, Enagaed		MCR-01	B11/15

BASE 3	Point	1746-IA16	Address	Description	Function	Tag Name	WW Inputs
Slot 1-1	0						B11/16
	1		I:1/17	Cooling Tower #1, Fan #1: Vibration Safety Switch		ZSV-601	B11/17
	2		I:1/18	Cooling Tower #1, Fan #2: Vibration Safety Switch		ZSV-602	B11/18
	3		I:1/19	Cooling Tower #2, Fan #1: Vibration Safety Switch		ZSV-603	B11/19
	4		I:1/20	Cooling Tower #2, Fan #2: Vibration Safety Switch		ZSV-604	B11/20
	5		I:1/21	PreCrusher #1, Inspection Door, Safety Switch	Prox	ZSS-102	B11/21
	6		I:1/22				B11/22
	7		I:1/23	Raw Material LID Switch, @ top M103	Prox	ZLS-104	B11/23
	8		I:1/24	Raw Material LID Switch, @ top M104	Prox	ZLS-109	B11/24
	9		I:1/25	Control Wheel Open	Prox		B11/25
	10		I:1/26	Control Wheel Close	Prox		B11/26
	11		I:1/27	Press #1 Feed Safety	Prox		B11/27
	12		I:1/28	Press #2 Feed Safety	Prox		B11/28
	13		I:1/29		Prox		B11/29
	14		I:1/30	Pressor Crax Rotolift Zero Speed	Prox		B11/30
	15		I:1/31	Pressor Fines #3 Rotolift Zero Speed	Prox		B11/31

BASE 3	Point	1746-IA16	Address	Description	Function	Tag Name	WW Inputs
Slot 1-2	0		I:1/32			ZX-??	B11/32
	1		I:1/33	Centrifuge #2 Bearing Oil Flow Switch #1		ZSF-431	B11/33
	2		I:1/34	Centrifuge #2 Bearing Oil Flow Switch #2		ZSF-432	B11/34
	3		I:1/35	Centrifuge #2 Bearing Oil Pressure Switch		ZSP-431	B11/35
	4		I:1/36	Centrifuge #2, Shear-Pin Safety Switch		ZSS-431	B11/36
	5		I:1/37				B11/37
	6		I:1/38				B11/38
	7		I:1/39	M-109 Lid Switch			B11/39
	8		I:1/40	M-110 Lid Switch			B11/40
	9		I:1/41	Drainor #1 Discharge Gate Shut	Prox		B11/41
	10		I:1/42	Press #1 Feed Gate Shut	Prox		B11/42
	11		I:1/43	Press #2 Feed Gate Shut	Prox		B11/43
	12		I:1/44	Raw Sludge Discharge Valve is OPEN	Prox	ZS-117A	B11/44
	13		I:1/45	Raw Sludge Discharge Valve is SHUT	Prox	ZS-117B	B11/45
	14		I:1/46				B11/46
	15		I:1/47	Alarm Acknowledge, Push Button	Alarm Ack	PB-010	B11/47

BASE 3	Point	1746-OW16	Address	Description		Tag Name	WW Inputs
Slot 1-3	0		O:1/48	Control Wheel, Discharge Gate,	Solenoid	SG-126	
	1		O:1/49	Centrifuge #1, Bearing Oil Cooling Water Valve	Solenoid	SV-132	
	2		O:1/50	Centrifuge #2, Bearing Oil Cooling Water Valve	Solenoid	SV-431	
	3		O:1/51	Presser #1, Hydraulic Choke	Solenoid	SV-141	
	4		O:1/52	Presser #2, Hydraulic Choke	Solenoid	SV-142	
	5		O:1/53	Presser #1, Choke Water Valve	Solenoid	SV-143	
	6		O:1/54	Presser #2, Choke Water Valve	Solenoid	SV-144	
	7		O:1/55	Cooker #1, Bearing #1, Cooling Water	Solenoid	SV-125	
	8		O:1/56	Cooker #1, Bearing #2, Cooling Water	Solenoid	SV-128	
	9		O:1/57	Drainor Gate	Solenoid		
	10		O:1/58	Press #1	Solenoid		
	11		O:1/59	Press #2	Solenoid		
	12		O:1/60	Raw Sludge Discharge Valve, OPEN Solenoid	Relay	SV-117A	
	13		O:1/61	Raw Sludge Discharge Valve, SHUT Solenoid	Relay	SV-117B	
	14		O:1/62	Grinding System -- Alarm Light	Visual Alarm	AL-010	
	15		O:1/63	Grinding System -- Alarm Horn	Audible Alarm	AH-010	

BASE 2	Point	1746-IA16	Address	Description		Tag Name	WW Inputs
Slot 1-4	0		I:1/64	Raw Bin #1, Discharge #1	Start Aux	ZM-091	B11/48
	1		I:1/65	Raw Bin #1, Discharge #2	Start Aux	ZM-092	B11/49
	2		I:1/66	Raw Bin #1, Discharge #3	Start Aux	ZM-093	B11/50
	3		I:1/67	Raw Bin #2, Discharge #1	Start Aux	ZM-094	B11/51
	4		I:1/68	Raw Bin #2, Discharge #2	Start Aux	ZM-095	B11/52
	5		I:1/69	Raw Bin #2, Discharge #3	Start Aux	ZM-096	B11/53
	6		I:1/70	Raw Material Incline Screw #1	Start Aux	ZM-101	B11/54
	7		I:1/71	PreCrusher #1, FORWARD	Start Aux	ZM-102F	B11/55
	8		I:1/72	PreCrusher #1, REVERSE	Start Aux	ZM-102R	B11/56
	9		I:1/73	PreCrusher #1, Discharge	Start Aux	ZM-103	B11/57
	10		I:1/74	Raw Material, Emergency Loadout	Start Aux	ZM-104	B11/58
	11		I:1/75		Start Aux	ZM-105	B11/59
	12		I:1/76	Raw Matertal,- Transfer Screw #1	Start Aux	ZM-109	B11/60
	13		I:1/77	Raw Material, Transfer Screw #2	Start Aux	ZM-110	B11/61
	14		I:1/78				B11/62
	15		I:1/79	Crude Fat Pump	Start Aux	ZM-119	B11/63

BASE 3	Point	1746-OW16	Address	Description		Tag Name	WW Inputs
Slot 1-5	0	(VSD)	O:1/80	Raw Bin #1, Discharge #1	Start Relay	M-091	
	1	(VSD)	O:1/81	Raw Bin #1, Discharge #2	Start Relay	M-092	
	2	(VSD)	O:1/82	Raw Bin #1, Discharge #3	Start Relay	M-093	
	3	(VSD)	O:1/83	Raw Bin #2, Discharge #1	Start Relay	M-094	
	4	(VSD)	O:1/84	Raw Bin #2, Discharge #2	Start Relay	M-095	
	5	(VSD)	O:1/85	Raw Bin #2, Discharge #3	Start Relay	M-096	
	6		O:1/86	Raw Material Incline Screw #1	Start Coil	M-101	
	7		O:1/87	PreCrusher #1, FORWARD	Start Relay	M-102F	
	8		O:1/88	PreCrusher #1, REVERSE	Start Relay	M-102R	
	9		O:1/89	PreCrusher #1, Discharge	Start Coil	M-103	
	10		O:1/90	Raw Material, Emergency Loadout	Start Coil	M-104	
	11		O:1/91		Start Coil	M-105	
	12		O:1/92	Raw Matertal,- Transfer Screw #1	Start Coil	M-109	
	13		O:1/93	Raw Material, Transfer Screw #2	Start Coil	M-110	
	14		O:1/94				
	15		O:1/95	Crude Fat Pump	Start Coil	M-119	

BASE 3	Point	1746-IA16	Address	Description		Tag Name	WW Inputs
Slot 1-6	0		I:1/96	Raw Grease Transfer Pump	Start Aux	ZM-114	
	1		I:1/97	Cooker #1, Add-Fat Pump	Start Aux	ZM-116	
	2		I:1/98	Raw Sludge Pump	Start Aux	ZM-117	
	3		I:1/99	Raw Blood Pump	Start Aux	ZM-118	
	4		I:1/100	Cooker #1, Main Drive	Start Aux	ZM-120	
	5		I:1/101	Cooker #1, Level Control Screw	Start Aux	ZM-121	
	6		I:1/102	Cooker #1, Low Level Feed Screw	Start Aux	ZM-122	
	7		I:1/103	Cooker #1, Bottom Discharge Screw	Start Aux	ZM-123	
	8		I:1/104	Cooker #1, Bottom Transfer Screw	Start Aux	ZM-124	
	9		I:1/105	Cooker #1, Bearing Oil Pump #1 (Feed-end)	Start Aux	ZM-125	
	10		I:1/106	Cooker #1, Control Wheel #1 Running	Start Aux	ZM-126	
	11		I:1/107		Start Aux		
	12		I:1/108	Control Wheel #1, Transfer Screw	Start Aux	ZM-127	
	13		I:1/109	Cooker #1, Bearing Oil Pump #2 (Discharge-End)	Start Aux	ZM-128	
	14		I:1/110	Drainor #1	Start Aux	ZM-129	
	15		I:1/111	Finish Fat sweco Screen #1	Start Aux	ZM-130	

BASE 3	Point	1746-OW16	Address	Description		Tag Name	WW Inputs
Slot 1-7	0	(VSD)	O:1/112	Raw Grease Transfer Pump	Start Relay	M-114	
	1	(VSD)	O:1/113	Cooker #1, Add-Fat Pump	Start Relay	M-116	
	2	(VSD)	O:1/114	Raw Sludge Pump	Start Relay	M-117	
	3	(VSD)	O:1/115	Raw Blood Pump	Start Relay	M-118	
	4		O:1/116	Cooker #1, Main Drive	Start Relay	M-120	
	5		O:1/117	Cooker #1, Level Control Screw	Start Coil	M-121	
	6		O:1/118	Cooker #1, Low Level Feed Screw	Start Coil	M-122	
	7	(VSD)	O:1/119	Cooker #1, Bottom Discharge Screw	Start Relay	M-123	
	8		O:1/120	Cooker #1, Bottom Transfer Screw	Start Coil	M-124	
	9		O:1/121	Cooker #1, Bearing Oil Pump #1 (Feed-end)	Start Coil	M-125	
	10	(VSD)	O:1/122	Cooker #1, Control Wheel #1 FORWARD	Start Relay	M-126F	
	11	(VSD)	O:1/123	Cooker #1, Control Wheel #1 Reverse	Start Relay	M-126R	
	12		O:1/124	Control Wheel #1, Transfer Screw	Start Coil	M-127	
	13		O:1/125	Cooker #1, Bearing Oil Pump #2 (Discharge-End)	Start Coil	M-128	
	14		O:1/126	Drainor #1	Start Coil	M-129	
	15		O:1/127	Finish Fat sweco Screen #1	Start Coil	M-130	

BASE 3	Point	1746-IA16	Address	Description		Tag Name	WW Inputs
Slot 1-8	0		I:1/128	Centrifuge #1, Main Drive	Start Aux	ZM-131	B11/80
	1		I:1/129	Centrifuge #1, Bearing Oil Pump	Start Aux	ZM-132	B11/81
	2		I:1/130	Centrifuge #1, Feed Pump	Start Aux	ZM-133	B11/82
	3		I:1/131	Centrifuge #1, Solids Discharge Screw	Start Aux	ZM-134	B11/83
	4		I:1/132	Centrifuge #1, Solids Transfer Screw	Start Aux	ZM-135	B11/84
	5		I:1/133	Finish Fat Pump	Start Aux	ZM-136	B11/85
	6		I:1/134	Wet Crax, Rerun #1	Start Aux	ZM-137	B11/86
	7		I:1/135	Wet Crax, Rerun #2	Start Aux	ZM-138	B11/87
	8		I:1/136	Overpressor Screw	Start Aux	ZM-139	B11/88
	9		I:1/137	Presser #1 & #2, Hydraulic Console	Start Aux	ZM-140	B11/89
	10	Soft Start	I:1/138	Crax Press #1, Main Drive	Start Aux	ZM-141	B11/90
	11	Soft Start	I:1/139	Crax Press #2, Main Drive	Start Aux	ZM-142	B11/91
	12	(VSD)	I:1/140	Crax Press #1, Feed Screw	Start Aux	ZM-143	B11/92
	13	(VSD)	I:1/141	Crax Press #2, Feed Screw	Start Aux	ZM-144	B11/93
	14		I:1/142	Presser Fines/Tallow Pump #1	Start Aux	ZM-145	B11/94
	15		I:1/143	Pressor Fines Rerun Screw #1	Start Aux	ZM-146	B11/95

BASE 3	Point	1746-OW16	Address	Description		Tag Name	WW Inputs
Slot 1-9	0		O:1/144	Centrifuge #1, Main Drive	Start Relay	M-131	
	1		O:1/145	Centrifuge #1, Bearing Oil Pump	Start Coil	M-132	
	2		O:1/146	Centrifuge #1, Feed Pump	Start Coil	M-133	
	3		O:1/147	Centrifuge #1, Solids Discharge Screw	Start Coil	M-134	
	4		O:1/148	Centrifuge #1, Solids Transfer Screw	Start Coil	M-135	
	5		O:1/149	Finish Fat Pump	Start Coil	M-136	
	6		O:1/150	Wet Crax, Rerun #1	Start Coil	M-137	
	7		O:1/151	Wet Crax, Rerun #2	Start Coil	M-138	
	8		O:1/152	Overpressor Screw	Start Coil	M-139	
	9		O:1/153	Presser #1 & #2, Hydraulic Console	Start Coil	M-140	
	10	Soft Start	O:1/154	Crax Press #1, Main Drive	Start Relay	M-141	
	11	Soft Start	O:1/155	Crax Press #2, Main Drive	Start Relay	M-142	
	12	(VSD)	O:1/156	Crax Press #1, Feed Screw	Start Relay	M-143	
	13	(VSD)	O:1/157	Crax Press #2, Feed Screw	Start Relay	M-144	
	14		O:1/158	Presser Fines/Tallow Pump #1	Start Coil	M-145	
	15		O:1/159	Pressor Fines Rerun Screw #1	Start Coil	M-146	

BASE 3	Point	1746-IA16	Address	Description		Tag Name	WW Inputs
Slot 1-10	0		I:1/160	Pressor Fines Rerun Screw #2, (VERTICAL)	Start Aux	ZM-147	B11/96
	1		I:1/161	Pressor Fines Rerun Screw #3	Start Aux	ZM-148	B11/97
	2		I:1/162	Pressor Fines Rerun Screw #4	Start Aux	ZM-149	B11/98
	3		I:1/163	Pressor Crax, Common Discharge Screw	Start Aux	ZM-150	B11/99
	4		I:1/164	Pressor Crax, Roto-Lift Screw	Start Aux	ZM-151	B11/100
	5		I:1/165	Pressor Crax, Transfer Screw #1	Start Aux	ZM-152	B11/101
	6		I:1/166	Pressor Crax, Transfer Screw #2	Start Aux	ZM-153	B11/102
	7		I:1/167	Pressor Crax, Transfer-Screw #3	Start Aux	ZM-154	B11/103
	8		I:1/168	Crax Bin, Leveling Screw	Start Aux	ZM-155	B11/104
	9	(VSD)	I:1/169	Crax Bin, Discharge Screw #1	Start Aux	ZM-156	B11/105
	10	(VSD)	I:1/170	Crax Bin, Discharge Screw #2	Start Aux	ZM-157	B11/106
	11		I:1/171	Crax Bin, Transfer Screw #1	Start Aux	ZM-158	B11/107
	12		I:1/172	Crax Bin, Transfer Screw #2	Start Aux	ZM-159	B11/108
	13		I:1/173	Crax Bin, Transfer Screw #3	Start Aux	ZM-160	B11/109
	14		I:1/174	HammerMill #1 Discharge Screw	Start Aux	ZM-161	B11/110
	15		I:1/175	Sweco Meal Screen #1	Start Aux	ZM-162	B11/111

BASE 3	Point	1746-OW16	Address	Description		Tag Name	WW Inputs
Slot 1-11	0		O:1/176	Pressor Fines Rerun Screw #2, (VERTICAL)	Start Coil	M-147	
	1		O:1/177	Pressor Fines Rerun Screw #3	Start Coil	M-148	
	2		O:1/178	Pressor Fines Rerun Screw #4	Start Coil	M-149	
	3		O:1/179	Pressor Crax, Common Discharge Screw	Start Coil	M-150	
	4		O:1/180	Pressor Crax, Roto-Lift Screw	Start Coil	M-151	
	5		O:1/181	Pressor Crax, Transfer Screw #1	Start Coil	M-152	
	6		O:1/182	Pressor Crax, Transfer Screw #2	Start Coil	M-153	
	7		O:1/183	Pressor Crax, Transfer-Screw #3	Start Coil	M-154	
	8		O:1/184	Crax Bin, Leveling Screw	Start Coil	M-155	
	9	(VSD)	O:1/185	Crax Bin, Discharge Screw #1	Start Relay	M-156	
	10	(VSD)	O:1/186	Crax Bin, Discharge Screw #2	Start Relay	M-157	
	11		O:1/187	Crax Bin, Transfer Screw #1	Start Coil	M-158	
	12		O:1/188	Crax Bin, Transfer Screw #2	Start Coil	M-159	
	13		O:1/189	Crax Bin, Transfer Screw #3	Start Coil	M-160	
	14		O:1/190	HammerMill #1 Discharge Screw	Start Coil	M-161	
	15		O:1/191	Sweco Meal Screen #1	Start Coil	M-162	

BASE 3	Point	1746-IA16	Address	Description		Tag Name	WW Inputs
Slot 1-12	0		I:1/192	Regrind Meal Screw #1	Start Aux	ZM-163	B11/112
	1		I:1/193	Regrind Meal Screw #2	Start Aux	ZM-164	B11/113
	2		I:1/194	HammerMill #1, Main Drive.	Start Aux	ZM-165	B11/114
	3		I:1/195	Rotex Discharge	Start Aux	ZM-166	B11/115
	4		I:1/196	Finished Meal, Transfer Screw #1 (Rotolift)	Start Aux	ZM-167	B11/116
	5		I:1/197	Finished Meal, Transfer Screw #2	Start Aux	ZM-168	B11/117
	6		I:1/198	Finished Meal, Transfer Screw #3	Start Aux	ZM-169	B11/118
	7		I:1/199	ACHE #1, Fan #1	Start Aux	ZM-171	B11/119
	8		I:1/200	ACHE #1, Fan #2	Start Aux	ZM-172	B11/120
	9	(VSD)	I:1/201	Non-Condensibles, .Blower #1	Start Aux	ZM-173	B11/121
	10		I:1/202	Non-Condensibles, .Blower #2	Start Aux	ZM-174	B11/122
	11		I:1/203	Venturi Vapors, Blower	Start Aux	ZM-175	B11/123
	12		I:1/204	Pack Tower #2 (Small) Blower	Start Aux	ZM-176	B11/124
	13		I:1/205	Pack Tower #2, Recirc Pump	Start Aux	ZM-177	B11/125
	14	Soft Start	I:1/206	Pack Tower #1 (Big)Blower	Start Aux	ZM-178	B11/126
	15		I:1/207	Pack Tower #1 , Recirc Pump	Start Aux	ZM-179	B11/127

BASE 3	Point	1746-OW16	Address	Description		Tag Name	WW Inputs
Slot 1-13	0		O:1/208	Regrind Meal Screw #1	Start Coil	M-163	
	1		O:1/209	Regrind Meal Screw #2	Start Coil	M-164	
	2		O:1/210	HammerMill #1, Main Drive.	Start Relay	M-165	
	3		O:1/211	Rotex Discharge	Start Coil	M-166	
	4		O:1/212	Finished Meal, Transfer Screw #1 (Rotolift)	Start Coil	M-167	
	5		O:1/213	Finished Meal, Transfer Screw #2	Start Coil	M-168	
	6		O:1/214	Finished Meal, Transfer Screw #3	Start Coil	M-169	
	7		O:1/215	ACHE #1, Fan #1	Start Coil	M-171	
	8		O:1/216	ACHE #1, Fan #2	Start Relay	M-172	
	9	(VSD)	O:1/217	Non-Condensibles, .Blower #1	Start Relay	M-173	
	10		O:1/218	Non-Condensibles, .Blower #2	Start Relay	M-174	
	11		O:1/219	Venturi Vapors, Blower	Start Coil	M-175	
	12		O:1/200	Pack Tower #2 (Small) Blower	Start Coil	M-176	
	13		O:1/221	Pack Tower #2, Recirc Pump	Start Coil	M-177	
	14	Soft Start	O:1/222	Pack Tower #1 (Big)Blower	Start Coil	M-178	
	15		O:1/223	Pack Tower #1 , Recirc Pump	Start Coil	M-179	

BASE 3	Point	1746-IA16	Address	Description		Tag Name	WW Inputs
Slot 1-14	0		I:1/224	Cooker Rerun Screw	Start Aux	ZM-115	B11/128
	1		I:1/225				B11/129
	2		I:1/226				B11/130
	3		I:1/227	Cross-Flow.Scrubber, Fan	Start Aux	ZM-180	B11/131
	4		I:1/228	Cross-Flow Scrubber, Recirc Pump #1	Start Aux	ZM-181	B11/132
	5		I:1/229	Cross~Flow Scrubber, Recirc Pump #2	Start Aux	ZM-182	B11/133
	6		I:1/230				B11/134
	7		I:1/231				B11/135
	8		I:1/232				B11/136
	9		I:1/233				B11/137
	10		I:1/234				B11/138
	11		I:1/235				B11/139
	12		I:1/236				B11/140
	13		I:1/237				B11/141
	14		I:1/238				B11/142
	15		I:1/239				B11/143

BASE 3	Point	1746-OW16	Address	Description		Tag Name	WW Inputs
Slot 1-15	0		O:1/240	Cooker Rerun Screw	Start Coil	ZM-115	
	1		O:1/241				
	2		O:1/242				
	3		O:1/243	Cross-Flow.Scrubber, Fan	Start Relay	ZM-180	
	4		O:1/244	Cross-Flow Scrubber, Recirc Pump #1	Start Relay	ZM-181	
	5		O:1/245	Cross~Flow Scrubber, Recirc Pump #2	Start Relay	ZM-182	
	6		O:1/246				
	7		O:1/247				
	8		O:1/248				
	9		O:1/249				
	10		O:1/250				
	11		O:1/251				
	12		O:1/252				
	13		O:1/253				
	14		O:1/254				
	15		O:1/255				