PANELBOARD LE-3

PROJECT: PWD
PANEL DESIGNATION: LE-3
VOLTAGE: 208/120
PHASE: 3
WIRE: 4
AIC: 10,000A RMS

PROJECT NO. 7063A
PANEL LOCATION: PROCESS BLDG. BASEMENT
FEEDER POINT: MCC-PB-1
MOUNTING: SURFACE
MAIN RATING: 100A MCB

CKT NO.	AMPS	NO. POLES	DESCRIPTION	PHASE LOAD (VA) A	B	C	DESCRIPTION	NO. POLES	AMPS	CKT. NO.
1	20	1	CONTROL PANEL CP-3	300 / 200			CONDENSATE DRAIN HEAT TRACES	1	20	2
3	20	1	LIT-80		200 / 300		CONTROL PANEL CP-2 CONTROL POWER	1	20	4
5	20	1	CONTROL PANELS CP-4A AND CP-4B			100 / 1400	ATC-3, SF-1, EF-10	1	20	6
7	20	1	ATC-2, EF-8, EF-9	1400			SPARE	1	20	8
9	20	1	UNIT HEATER UH-1		400 / 50		EXIT SIGNS	1	20	10
11	20	1	ATC-1			100	SPARE	1	20	12
13		1	SPACE				SPACE	1		14
15		1	SPACE				SPACE	1		16
17		1	SPACE				SPACE	1		18
19		1	SPACE				SPACE	1		20
21		1	SPACE				SPACE	1		22
23		1	SPACE				SPACE	1		24
25		1	SPACE				SPACE	1		26
27		1	SPACE				SPACE	1		28
29		1	SPACE				SPACE	1		30
			SUB-TOTAL	1900	950	1600				
			TOTAL	4450						

ESTIMATED DEMAND LOAD 4.4 KVA
DEMAND LINE CURRENT 12 AMP

PANELBOARD L-7

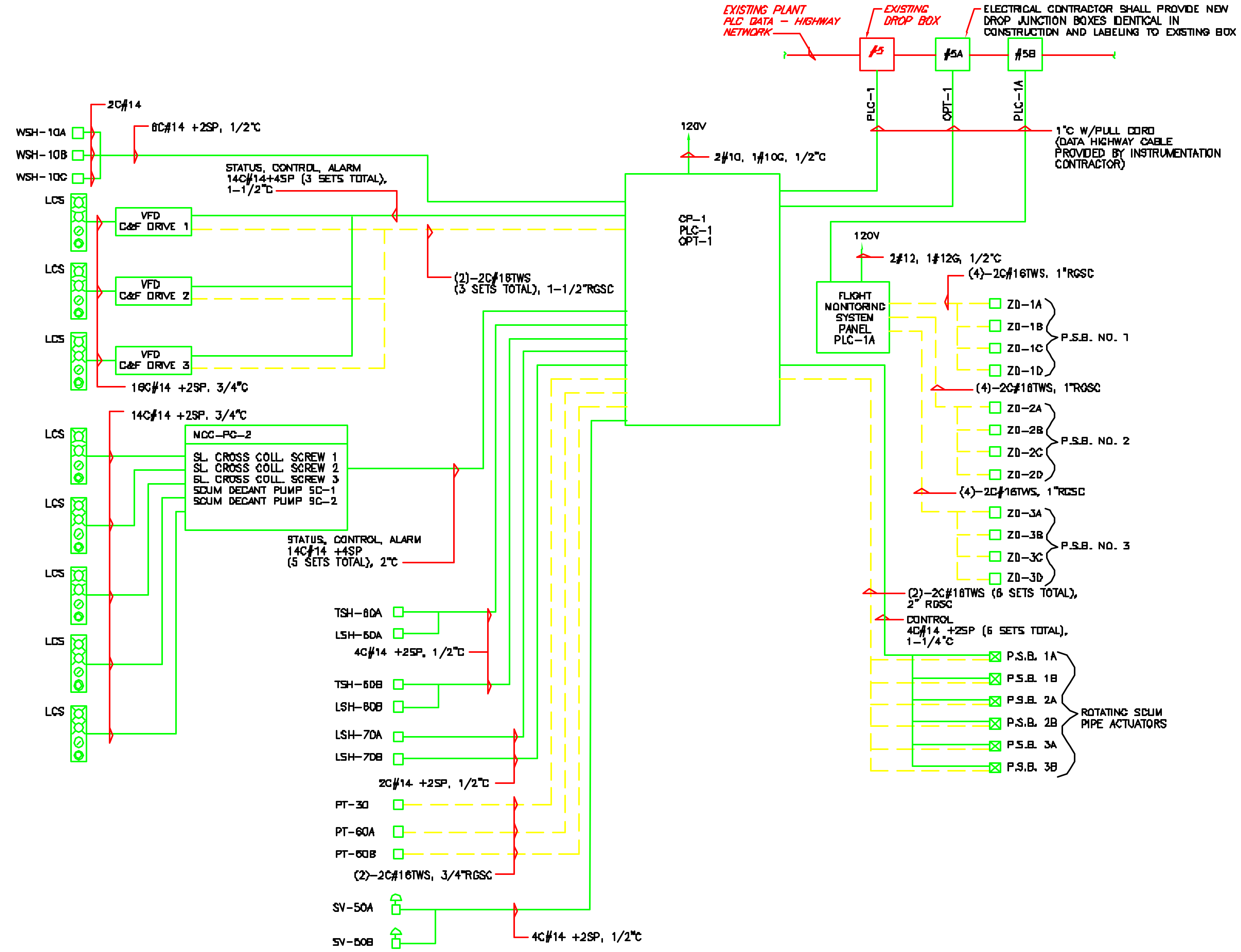
PROJECT: PWD
PANEL DESIGNATION: L-7
VOLTAGE: 208/120
PHASE: 3
WIRE: 4
AIC: 10,000A RMS

PROJECT NO. 7063A
PANEL LOCATION: PROCESS BLDG. BASEMENT
FEEDER POINT: MCC-PB-7
MOUNTING: SURFACE
MAIN RATING: 100A MCB

CKT NO.	AMPS	NO. POLES	DESCRIPTION	PHASE LOAD (VA) A	B	C	DESCRIPTION	NO. POLES	AMPS	CKT. NO.
1	20	1	EXISTING CKT. - SEE NOTE				EXISTING CKT. - SEE NOTE	1	20	2
3	20	1	EXISTING CKT. - SEE NOTE				EXISTING CKT. - SEE NOTE	1	20	4
5	20	1	EXISTING CKT. - SEE NOTE				EXISTING CKT. - SEE NOTE	1	20	6
7	20	1	EXISTING CKT. - SEE NOTE				SPARE	1	20	8
9	20	1	SPARE				SPARE	1	20	10
11	20	1	SPARE				SPARE	1	20	12
13		1	SPACE				SPACE	1		14
15		1	SPACE				SPACE	1		16
17		1	SPACE				SPACE	1		18
19		1	SPACE				SPACE	1		20
21		1	SPACE				SPACE	1		22
23		1	SPACE				SPACE	1		24
25		1	SPACE				SPACE	1		26
27		1	SPACE				SPACE	1		28
29		1	SPACE				SPACE	1		30
			SUB-TOTAL							
			TOTAL							

ESTIMATED DEMAND LOAD ___ KVA
DEMAND LINE CURRENT ___ AMP

NOTE:
SEVEN CIRCUITS IN PANELBOARD L-7 ARE EXISTING CIRCUITS PRESENTLY FED FROM "WET-DX" MCC PANEL. THESE CIRCUITS SHALL BE REFED FROM NEW PANELBOARD L-7 AS INDICATED. ALL SEVEN CIRCUITS ARE 120V, 20 AMPS. CONTRACTOR SHALL COORDINATE WITH OWNER TO VERIFY EXISTING LOADS, AND ACCURATELY IDENTIFY CIRCUITS IN PANELBOARD DIRECTORY.



CONTROL AND INSTRUMENTATION WIRING DIAGRAM
PRIMARY SEDIMENTATION BASINS
NTS

LIGHTING FIXTURE SCHEDULE:

CODE	LIGHT SOURCE TYPE	LAMPING	MOUNTING	MANUFACTURER	CATALOG NO.	VOLTS	DESCRIPTION
A	MH	250W MH	PENDANT	COOPER-LUMARK	MHSS-SDB-15-N-250-277V-F1	277	METAL HALIDE HIGH-BAY INDUSTRIAL, WITH SINGLE FUSE
A1	MH	250W MH	PENDANT	COOPER-LUMARK	MHSS-SDB-15-N-250-277V-F1-EM	277	SAME AS TYPE 'A' WITH QUARTZ RESTRIKE WITH DELAY RELAY
C	FLUORESCENT	(2) F32T8	CEILING SURFACE	COOPER-METALUX	VT2-232DR-277-EB81	277	ENCL. & GASKETED FLUOR., WET LOC., ELECTRONIC BALLAST
	LED		WALL, 7'-6 AFF	COOPER-SURE-LITES	CCX-7070-RWH	120	SELF-POWERED EXIT, NI-CAD BATTERY

PROGRESS PRINTS
ISSUED FOR REVIEW: 4-5-01
ISSUED FOR BIDDING: 5-4-01
VAULT LOCATION
LAST WORKED ON:
FILENAME:

NO	REVISIONS	APP'D	DATE
1			
2			
3			
4			
5			

DRAWN BY SJM
CHECKED BY PFB
DATE 5-4-01
APPROVED BY DWL
DATE 5-4-01
BOOK NO.
PROJECT NO. 7063A
SCALE AS NOTED

Wright-Pierce
99 Main Street Topsham, Maine USA 04086
TEL (207) 725-8721 FAX (207) 729-8414

PORTLAND WATER DISTRICT
PORTLAND, MAINE
PRIMARY SEDIMENTATION BASINS
UPGRADE WITH ODOR CONTROL FACILITIES

ELECTRICAL SCHEDULES AND
CONTROL AND INSTRUMENTATION DIAGRAM

DWG E-14