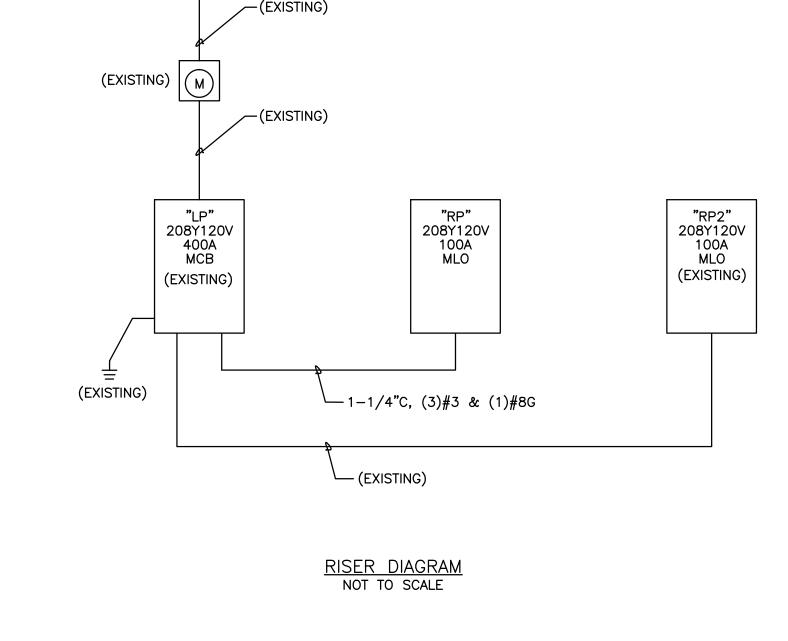
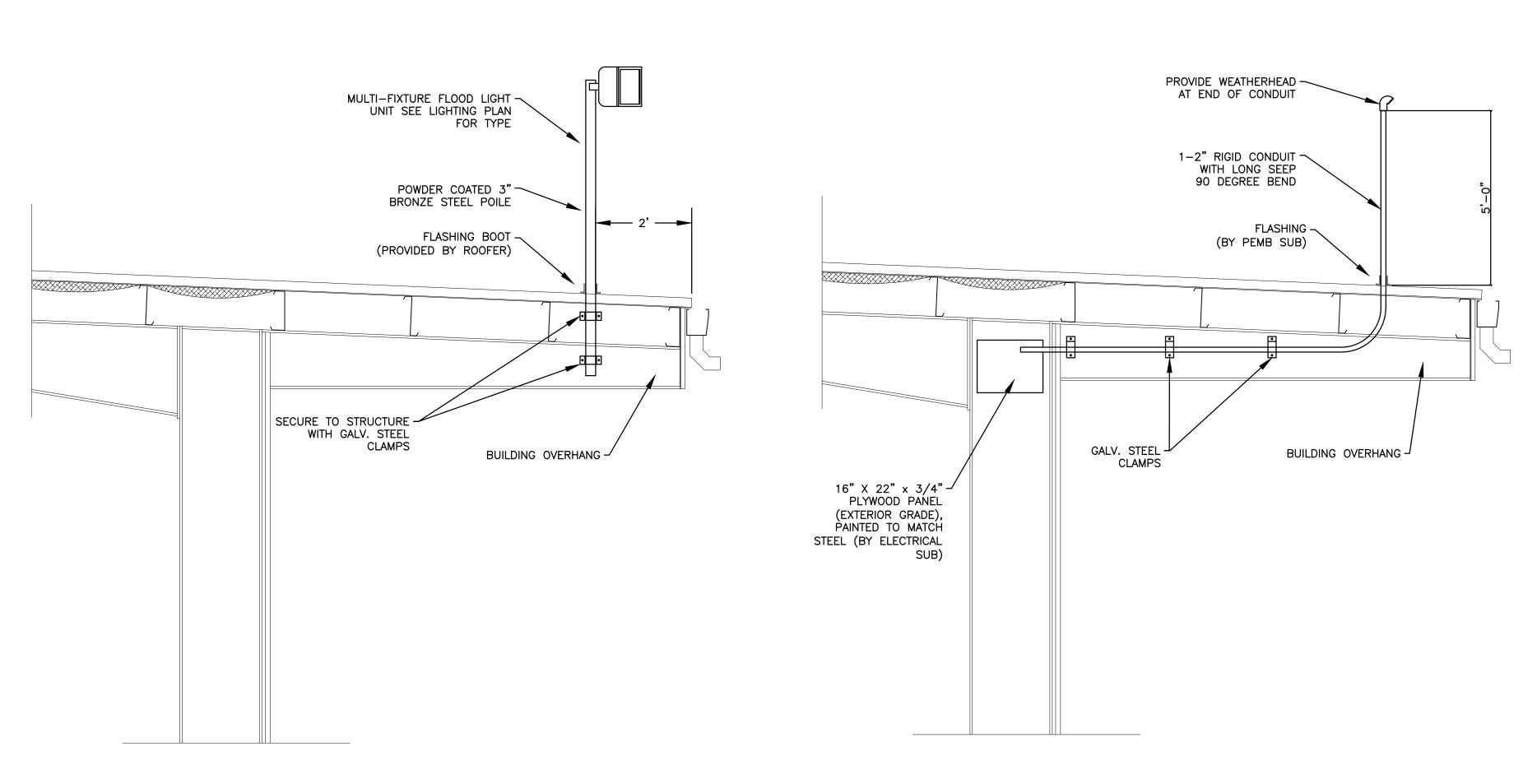
				PANE	EL.	SC	HE	DULE				
PANEL NUMBER	LP (EXISTING)											
LOCATION	SHOP											
DIRECTORY		CKT. NO.	AMPS/ POLES	kW	"A" PHASE	"B" PHASE	"C" PHASE	kW	AMPS/ POLES	CKT. NO.	D	IRECTORY
COMPRESSOR		1		1.92	•			9.03		2		
		3	40/3	1.92		•		9.63	100/3	4	PANEL 'RP2' IN DOCK (EXI	STING)
		5		1.92			•	10.53		6		
LIGHTING			20/1	0.62	•			2.40		8		
	LIGHTING		20/1	0.90		•		2.40	40/3		HP-2	
	SHOP LIGHTING	11	20/1	0.86			•	2.40		12		
	H-2			1.00	•			2.40		14		
П•2		15	20/2	1.00		•		2.40	40/3		HP-3	
	(EXISTING) R-WELDER		50/2	2.60		Ш	•	2.40		18		
	· ·			2.60	•			2.05		20		
SPARE WH-1		-	20/1	0.00	$oldsymbol{ol}}}}}}}}}}}}}}}}}}$	•		2.05	30/3		RTU-1	
		23 25	30/2	2.25	$oxed{oxed}$	Ш	•	2.05		24		
	Wil-i			2.25	<u>.</u>			2.16		26		
		27		1.20		•		2.16	30/3		DOWER TO SERVICE ISLAND (EVISTING)	
	(EXISTING) R - TRUCK HEAT	-	_	1.20		Ш	•	2.16		30		
		31		1.20	·	Ш		1.04		32		
	(EXISTING) R - TRUCK HEAT		20/1	1.20	1	•		1.04	22/4	34		· ,
	(EXISTING) R - TRUCK HEAT		20/1	1.20	$\vdash$	$\sqcup$	•	0.00	20/1	_	SPARE	
	(EXISTING) R - TRUCK HEAT		20/1	1.20	•	$\sqcup$		8.40	400/5	38	DANEL IDDI	
	(EXISTING) R - TRUCK HEAT		20/1	1.20	╀	•		11.55	100/3		PANEL 'RP'	
	(EXISTING) R - TRUCK HEAT	41	20/1	1.20			٠	9.71		42		
MAIN BREAKER:	MCB	NOT	ES:								kW PHASE "A"	38
MAIN BUS:	400A										kW PHASE "B"	38
VOLTAGE:	208Y120V										kW PHASE "C"	40
AIC:	MATCH EXISTING										Π	
FRAME:											TOTAL kW	117.40
TRIP:											I STALKAV	117.40

	PANEL SCHEDULE												
PANEL NUMBER	RP												
OCATION	DOCK												
DIRECTORY		CKT. NO.	AMPS/ POLES	kW	"A" PHASE	B" PHASE	"C" PHASE	kW	AMPS/ POLES	CKT. NO.	DIRECTORY		
	EXTERIOR LIGHTS			1.32	•	Ī	_	0.72	20/1		R - GENERAL PURPOSE RECEPTS		
	MICROWAVE	3	20/1	1.20		•		0.75	20/1	4	R - COPIER		
	GARBAGE DISPOSAL	5	20/1	0.75			•	0.18	20/1	6	R - TIME CLOCK		
	R - GENERAL PURPOSE RECEPTS	7	20/1	0.18	•			0.72	20/1	8	R - SYSTEMS FURNITURE		
	R - VENDING	9	20/1	1.00		•		0.72	20/1	10	R - GENERAL PURPOSE RECEPTS		
	R - VENDING	11	20/1	1.00			•	0.72	20/1	12	R - SYSTEMS FURNITURE		
	R - REFRIDGERATOR	13	20/1	1.50	•			0.30	20/1	14	TELEVISION		
	R - WATER FOUNTAIN	15	20/1	0.50		•		0.72	20/1	16	R - DISPATCH		
	R - COUNTER			0.36			•	0.54	20/1	18	R - DISPATCH		
	R - GENERAL PURPOSE RECEPTS			0.36	•			0.36	20/1	20	R - TELEPHONE BACKBOARD (TBB)		
R - BRADLEY SINK			20/1	1.20		•		0.72	20/1	22	R - GENERAL PURPOSE RECEPTS		
R - BRADLEY SINK			20/1	1.20			•	0.72	20/1	24	R - GENERAL PURPOSE RECEPTS		
	R - GENERAL PURPOSE RECEPTS	25	20/1	0.54	•			1.00	20/1		ELECTRIC GATE *		
	R - GENERAL PURPOSE RECEPTS	27	20/1	0.54		•		1.20	20/1		R - TRUCK HEATER *		
	R - GENERAL PURPOSE RECEPTS	29	20/1	0.54			•	1.20	20/1	30	R - TRUCK HEATER *		
	EF-2	31	20/1	0.20	•			0.20	20/1		RFID GATE READERS *		
	H-2	33	20/2	1.00		•		1.00	20/1		OVERHEAD DOOR *		
		35	20/2	1.00			•	1.00	20/1		OVERHEAD DOOR *		
	H-3	37	20/2	1.00	•			0.00	20/1		SPARE		
		39		1.00		•		0.00	20/1		SPARE		
	H/C LIFT	41	20/1	0.50			•	0.00	20/1	42	SPARE		
	H/C LIFT	41	20/1	0.50			•	0.00	20/1	42	SPARE		
IAIN BREAKER:	MLO	ГОИ	ES:								kW PHASE "A"		
AIN BUS:	100A	* MC	OVED F	ROM EXIST	ΓING	240	/120	OV PANEL			kW PHASE "B"	11	
OLTAGE:	208Y120V										kW PHASE "C"	9	
IC:	10,000												
RAME:											TOTAL kW <b>29.66</b>		
RIP:											29.00		
AOLINITINO:		1											

				PANE	ΞL	SC	HE	DULE					
PANEL NUMBER	RP2 (EXISTING)												
LOCATION	DOCK												
	DIRECTORY	CKT. NO.	AMPS/ POLES	kW	"A" PHASE	"B" PHASE	"C" PHASE	kW	AMPS/ POLES	CKT. NO.	DIRECTORY		
EXTERIOR LIGHTS			20/1	1.76	•			0.54	20/1		R - GENERAL PURPOSE RECEPTS		
	3	20/1	1.41		•		0.54	20/1		R - GENERAL PURPOSE RECEPTS			
DOCK LIGHTS EXTERIOR LIGHTS (EXISTING) LIFT CHARGER			20/1	1.41			•	0.36	20/1		R - GENERAL PURPOSE RECEPTS SPARE		
			20/1	0.25	•			0.00	20/1	8			
				2.16		•		2.16		10	LIET GUARGER (EVICTING)		
			30/3	2.16			•	2.16	30/3		LIFT CHARGER (EXISTING)		
00.00			20/1	2.16	•	┝		2.16	<del>                                     </del>	14			
	SPARE			0.00		•		2.16	٠,,,	16	LUET OLIABOED (EVIOTINO)		
	SPARE			0.00			•	2.16	30/3		LIFT CHARGER (EXISTING)		
	SPARE SPARE		20/1 20/1	0.00	<u>ا</u>	<u> </u>		2.16 1.20	20/1	20	R - TRUCK HEAT (EXISTING)		
	(EXISTING) LIFT CHARGER	<del>                                     </del>				R - TRUCK HEAT (EXISTING)							
MAIN BREAKER:	MLO	ПОЛ	ES:								kW PHASE "A"		
MAIN BUS:	100A										kW PHASE "B"		
VOLTAGE:	208Y120V										kW PHASE "C"		
AIC:	MATCH EXISTING												
FRAME:											TOTAL kW <b>29.19</b>		
TRIP:											29.19		
MOUNTING:													



UNDERGROUND FROM POWER UTILITY TRANSFORMER



ANTENNA	DETAIL
NOT TO S	CALE

				FIVTUD	E CCLIEDIUE	
TYPE	MANUFACTURER	CATALOG#	LAMPS	VOLTAGE	E SCHEDULE  MOUNTING	TYPE/REMARKS
LL-A	COLUMBIA	LLT24-35LWG-FS-A12F-EU	LED	120	RECESSED	2'X4' LED LAY-IN
LL-AE	COLUMBIA	LLT24-35LWG-FS-A12F-EU-ELL14	LED	120	RECESSED	SAME TYPE AS "LL-A" EXCEPT WITH EMERGENCY BATTERY PACK
LL-B	COLUMBIA	LLT24-35MLG-FS-A12F-EU	LED	120	RECESSED	2'X4' LED LAY-IN
LL-BE	COLUMBIA	LLT24-35MLG-FS-A12F-EU-ELL14	LED	120	RECESSED	SAME TYPE AS "LL-B" EXCEPT WITH EMERGENCY BATTERY PACK
LLHP	COLUMBIA	LLHP2-50L-W-E120	LED	120	SURFACE	HIGHBAY
LLHPE	COLUMBIA	LLHP2-50L-W-E120	LED	120	SURFACE	SAME TYPE AS "LLHP" EXCEPT WITH EMERGENCY BATTERY PACK
LLHP2	COLUMBIA	LLHP2-50H-W-E120	LED	120	SURFACE	HIGHBAY WITH EMBEDDED MOTION SENSOR
LLHP2E	COLUMBIA	LLHP2-50H-W-E120	LED	120	SURFACE	SAME TYPE AS "LLHP2" EXCEPT WITH EMERGENCY BATTERY PACK
D	HUBBELL	TRPC-13LU-5K-BZ	LED	120	WALL	TRAPEZOID COMPACT WALLPACK
E1	DUALITE	EVCUGWD4	LED	120	SURFACE	EXIT SIGN WITH REMOTE CAPACITY
E2	DUALITE	EVO-D-B	(2) 1W LED HEADS	120	WALL	REMOTE EMERGENCY LIGHTING UNIT
F	BEACON	AL-D/72NB-220/5K/4X4/UNV/SF3/FV/BZ	LED	120	POLE ABOVE ROOF	2 FLOODLIGHTS ON 3" STEEL, 10' POLE THRU ROOF WITH BULLHORN BRACKET & VISOR

ALL LIGHTING FIXTURES, CX SERIES LIGHTING CONTROL PANELS AND SWITCHES, DIMMER SWITCHES, OCCUPANCY SENSORS AND POWER PACKS SHALL BE PURCHASED BY ELECTRICAL CONTRACTOR THROUGH NATIONAL ACCOUNT. CONTACT TODD TYLER OF CONSOLIDATED ELECTRICAL DISTRIBUTORS FOR LIGHTING PACKAGE QUOTE.

TODD TYLER (todd@cedslc.com) 1819 S 900 W SALT LAKE CITY, UT 84104 (801) 486-3501

	POWER/WIRING INFORMATION FOR HVAC EQUIPMENT								
HVAC#	DISCONNECT SIZE	CON	IDUIT/WIRE SIZE	FEEDER PANEL	FEEDER BREAKER(S)				
AC-2	RATED SWITCH	3/4"	(5)#12 & (1)#12G	HP-2					
AC-3	RATED SWITCH	3/4"	(5)#12 & (1)#12G	HP-3					
EF-2	CIRCUIT BREAKER	1/2"	(2)#12 & (1)#12G	RP	31				
H-1	240V, 30A NON-FUSIBLE	1/2"	(2)#12 & (1)#12G	LP	15,17				
H-2	240V, 30A NON-FUSIBLE	1/2"	(2)#12 & (1)#12G	RP	33,35				
H-3	240V, 30A NON-FUSIBLE	1/2"	(2)#12 & (1)#12G	RP	37,39				
HP-2	240V, 60A NON-FUSIBLE, NEMA 3R	3/4"	(3)#8 & (1)#10G	LP	8,10,12				
HP-3	240V, 60A NON-FUSIBLE, NEMA 3R	3/4"	(3)#8 & (1)#10G	LP	14,16,18				
RTU-1	240V, 30A NON-FUSIBLE, NEMA 3R	1/2"	(3)#10 & (1)#10G	LP	20,22,24				
WH-1	240V, 30A NON-FUSIBLE	1/2"	(2)#10 & (1)#10G	LP	23,25				



Oliver-Rhoads & Associates, Inc. 301 Industrial Boulevard Tullahoma TN 37388 Office: 931.454.9940 Fax: 931.454.2338 www.oliver-rhoads.com





nase, Inc.
mory Drive

TN 37204



ing Terminal Renovation for:

D DOMINION FREIGHT LINE

DFL PORTLAND, ME

FOR PERMIT 2/14/14

Project No. 13061.00

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Sheet Name:
SCHEDULES &
RISER DIAGRAM

Sheet Number:

E2.1

ORA JOB# 01014

## TYPE "F" FLOOD LIGHT DETAIL NOT TO SCALE