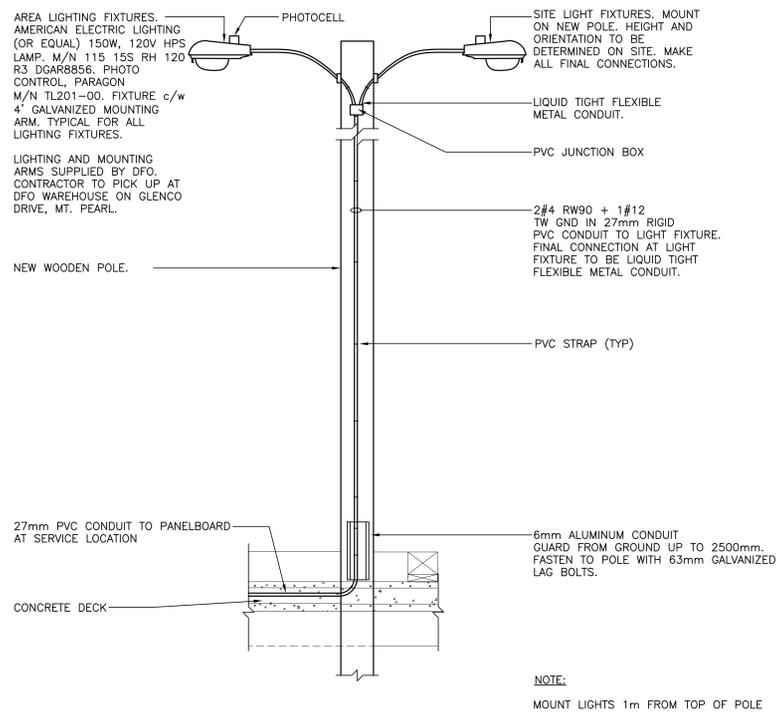
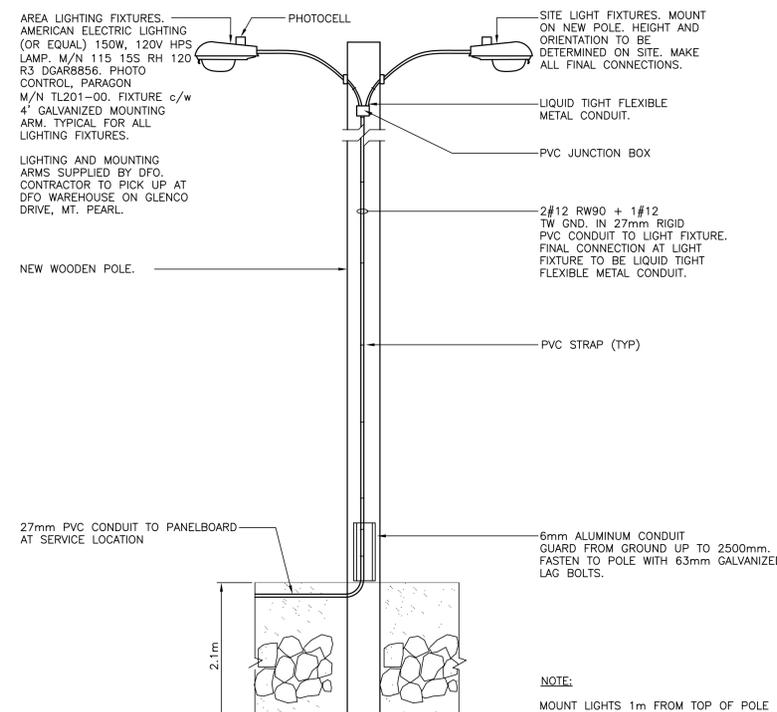


**LIGHTING POLE DETAIL (WHARF LIGHTS)**  
N.T.S. Q  
E2 E6



**LIGHTING POLE DETAIL (WHARF LIGHTS - END)**  
N.T.S. R  
E2 E6



**LIGHTING POLE DETAIL (LAYDOWN LIGHTS)**  
N.T.S. S  
E2 E6

**PANEL SCHEDULE**  
PANEL B  
LOCATION ELECTRICAL SHED #2  
TYPE CIRCUIT BREAKER  
STANDARD OF ACCEPTANCE CUTLER HAMMER PRL-1, 72 CCT, 1Ø, 400A  
RATING 120/240V, 1Ø, 3W  
MINIMUM INTERRUPTING CAPACITY 10,000 R.M.S. SYMM AMPERES  
NOTES: C/W 400A MAIN BREAKER

CIRCUIT DESCRIPTION	LOAD WATTS	WIRE SIZE	BRKR SIZE	CIRCUIT NO.	BRKR SIZE	WIRE SIZE	LOAD WATTS	CIRCUIT DESCRIPTION
BLANK				1	2			BLANK
PED #5 RECEPT #2	9600	50A	3 4	2P	5 6			BLANK
PED #5 RECEPT #3	2880	30A	7 8					BLANK
POWER FOR METERS		15A	9 10					BLANK
PED #3 RECEPT #3	5760	30A	11 12	2P	13 14			BLANK
PED #3 RECEPT #15	2880	30A	15 16	30A	2880			PED #4 RECEPT #16
PED #3 RECEPT #17	2880	30A	17 18	30A	2880			PED #4 RECEPT #18
PED #3 RECEPT #19	2880	30A	19 20	30A	2880			PED #4 RECEPT #20
PED #5 RECEPT #6	5760	30A	21 22	30A	2880			PED #4 RECEPT #22
PED #5 RECEPT #5	2880	30A	25 26					BLANK
PED #4 RECEPT #4	2880	30A	27 28					BLANK
PED #3 RECEPT #29	9600	50A	29 30	15A				OUTSIDE LIGHT
PED #1 RECEPT #1	2880	30A	33 34	2P				ELECTRIC HEAT
PED #1 RECEPT #2	2880	30A	35 36	15A				ELECTR. BLDG. LIGHT
PED #1 RECEPT #3	1440	15A	37 38	30A				ELECTR. BLDG. RECEPT.
PED #1 RECEPT #4	9600	50A	39 40	15A				POWER TO METERS
PED #2 RECEPT #1	2880	30A	43 44	30A	2880			RECEPT. #42
PED #2 RECEPT #2	2880	30A	45 46	30A	2880			RECEPT. #44
PED #2 RECEPT #3	5760	30A	47 48	30A	2880			RECEPT. #45
PED #2 RECEPT #4	9600	50A	51 52	30A	2880			RECEPT. #52
PED #3 RECEPT #1	2880	30A	55 56	30A	2880			RECEPT. #54
PED #3 RECEPT #2	2880	30A	57 58	30A	2880			RECEPT. #58
PED #3 RECEPT #3	1440	15A	59 60	30A	2880			RECEPT. #60
PED #3 RECEPT #4	5760	30A	61 62	30A	2880			RECEPT. #62
WHARF LIGHTS		15A	65 66	30A	5760			RECEPT. #66
BLANK			67 68	2P				RECEPT. #68
POWER FOR METERS		15A	69 70					BLANK
BLANK			71 72					BLANK

NOTES:  
1. EXISTING PANEL B TO BE REMOVED. EXISTING CIRCUITS TO BE RELOCATED TO NEW PANEL A AND NEW PANEL B AS INDICATED ON DETAILS ON THIS SHEET.  
2. EXISTING LAMACOIDS TO BE REMOVED. REINSTALL ALL NEW LAMACOIDS WITH NEW NUMBERING OF PEDESTALS AND RECEPTACLES. CONFIRM ALL EXISTING WIRING ON SITE.  
3. RECEPTACLES 42 TO 68 ARE FOR EXISTING PEDESTALS ON MARGINAL 402 TO BE REMOVED.

**EXISTING PANEL B DETAIL**  
N.T.S.

**PANEL SCHEDULE**  
PANEL A  
LOCATION ELECTRICAL SHED  
TYPE CIRCUIT BREAKER  
STANDARD OF ACCEPTANCE EATON POW-R-LINE 1A, 42 CCT, 1Ø, 400A  
RATING 120/240V, 1Ø, 3W  
MINIMUM INTERRUPTING CAPACITY 10,000 R.M.S. SYMM AMPERES  
NOTES: C/W 400A MAIN BREAKER

CIRCUIT DESCRIPTION	LOAD WATTS	WIRE SIZE	BRKR SIZE	CIRCUIT NO.	BRKR SIZE	WIRE SIZE	LOAD WATTS	CIRCUIT DESCRIPTION
PED #1 RECEPT #1	9600	4	50A	1 2	30A	2P	3 4	PED #3 RECEPT #9
PED #1 RECEPT #2	2880	4	30A	5 6	30A	6	2880	PED #3 RECEPT #10
PED #1 RECEPT #3	2880	4	30A	7 8	30A	6	2880	PED #3 RECEPT #11
PED #1 RECEPT #4	1440	6	15A	9 10	15A	8	1440	PED #3 RECEPT #12
PED #2 RECEPT #5	9600	4	50A	11 12	50A	2P	13 14	PED #4 RECEPT #13
PED #2 RECEPT #6	5760	6	30A	15 16	30A	2P	17 18	PED #4 RECEPT #14
PED #2 RECEPT #7	2880	4	30A	19 20	30A	6	2880	PED #4 RECEPT #15
PED #2 RECEPT #8	2880	4	30A	21 22	30A	6	2880	PED #4 RECEPT #16
WHARF LIGHTS	900	10	15A	23 24	30A	6	2880	PED #4 RECEPT #17
POWER FOR METERS		12	15A	25 26	15A	12		POWER FOR METERS
SPARE				15A	27 28			SPARE
SPARE				30A	29 30	30A		SPARE
SPARE				2P	31 32	2P		SPARE
SPARE				30A	33 34	30A		SPARE
SPARE				30A	35 36	30A		SPARE
SPARE				15A	37 38	15A		SPARE
SPARE				15A	39 40	15A		SPARE

CONNECTED LOAD: 75.78kW

PANELBOARD TO BE C/W GROUNDED NEUTRAL, GROUND AND NEUTRAL BLOCKS, BOLT-ON TYPE BREAKERS WITH AN I.C. RATING AS INDICATED, RMS SYMMETRICAL AT PANEL VOLTAGE. PROVIDE LAMACOID NAMEPLATE STATING PANEL DESIGNATION, VOLTAGE, PHASE AND AMPERAGE, TYPE WRITTEN DIRECTORY, AND LOCKING DOOR. PANELBOARDS TO BE KEYS ALIKE. MOUNT ON 19mm THICK PLYWOOD BACKBOARD. PAINT PLYWOOD LIGHT GRAY.

**NEW PANEL A DETAIL**  
N.T.S.

NOTE:  
EXISTING LAMACOIDS TO BE REMOVED. REINSTALL ALL NEW LAMACOIDS WITH NEW NUMBERING OF PEDESTALS AND RECEPTACLES. CONFIRM ALL EXISTING WIRING ON SITE.

**PANEL SCHEDULE**  
PANEL B  
LOCATION ELECTRICAL SHED  
TYPE CIRCUIT BREAKER  
STANDARD OF ACCEPTANCE EATON POW-R-LINE 1A, 42 CCT, 1Ø, 400A  
RATING 120/240V, 1Ø, 3W  
MINIMUM INTERRUPTING CAPACITY 10,000 R.M.S. SYMM AMPERES  
NOTES: C/W 400A MAIN BREAKER

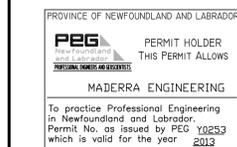
CIRCUIT DESCRIPTION	LOAD WATTS	WIRE SIZE	BRKR SIZE	CIRCUIT NO.	BRKR SIZE	WIRE SIZE	LOAD WATTS	CIRCUIT DESCRIPTION	
PED #5 RECEPT #18	9600	4	50A	1 2	50A	2P	3 4	PED #8 RECEPT #31	
PED #5 RECEPT #19	5760	6	30A	5 6	30A	4	2880	PED #8 RECEPT #32	
PED #5 RECEPT #20	2880	4	30A	9 10	15A	6	1440	PED #8 RECEPT #33	
PED #5 RECEPT #21	2880	4	30A	11 12	50A	2P	7 8	PED #8 RECEPT #34	
PED #5 RECEPT #22	2880	4	30A	13 14	2P	3	9600	PED #9 RECEPT #35	
PED #6 RECEPT #23	5760	10	30A	15 16	30A	2P	17 18	PED #9 RECEPT #36	
PED #6 RECEPT #24	2880	8	30A	19 20	30A	2	2880	PED #9 RECEPT #37	
PED #6 RECEPT #25	2880	8	30A	21 22	30A	2	2880	PED #9 RECEPT #38	
PED #6 RECEPT #26	1440	10	15A	23 24	15A	12	300	LAYDOWN LIGHTS	
PED #7 RECEPT #27	5760	8	30A	25 26	15A	4	900	WHARF 402 LIGHTS	
PED #7 RECEPT #28	2880	4	30A	29 30	2P	12	1000	ELECTRIC HEAT	
PED #7 RECEPT #29	2880	4	30A	31 32	15A	12	100	ELECT. BLDG. RECEPT.	
PED #7 RECEPT #30	1440	8	15A	33 34	15A	12	100	ELECT. BLDG. LIGHT	
SPARE				30A	35 36	15A	12	200	EXTERIOR LIGHT
SPARE				30A	37 38	30A		SPARE	
SPARE				15A	39 40	15A		SPARE	

CONNECTED LOAD: 90.44kW

PANELBOARD TO BE C/W GROUNDED NEUTRAL, GROUND AND NEUTRAL BLOCKS, BOLT-ON TYPE BREAKERS WITH AN I.C. RATING AS INDICATED, RMS SYMMETRICAL AT PANEL VOLTAGE. PROVIDE LAMACOID NAMEPLATE STATING PANEL DESIGNATION, VOLTAGE, PHASE AND AMPERAGE, TYPE WRITTEN DIRECTORY, AND LOCKING DOOR. PANELBOARDS TO BE KEYS ALIKE. MOUNT ON 19mm THICK PLYWOOD BACKBOARD. PAINT PLYWOOD LIGHT GRAY.

**NEW PANEL B DETAIL**  
N.T.S.

NOTE:  
EXISTING LAMACOIDS TO BE REMOVED. REINSTALL ALL NEW LAMACOIDS WITH NEW NUMBERING OF PEDESTALS AND RECEPTACLES. CONFIRM ALL EXISTING WIRING ON SITE.



revision	description	date
0	ISSUED FOR TENDER	08/08/13
C	ISSUED FOR REVIEW	25/07/13
B	ISSUED FOR REVIEW	21/06/13
A	ISSUED FOR REVIEW	31/05/13

**MARGINAL WHARF RECONSTRUCTION LONG COVE, NL**

**ELECTRICAL DETAILS SHEET 4 OF 4**

designed	J. FLYNN	conçu
date	MAY 2013	
drawn	K. SHAPTER	dessiné
date	MAY 2013	
approved		approuvé
date		
Tender		Soumission
PWSC Project Manager	Administrateur de projets TPSC	
project number		no. du projet
	R.065111.001	
drawing no.		no. du dessin
	E6 OF 6	