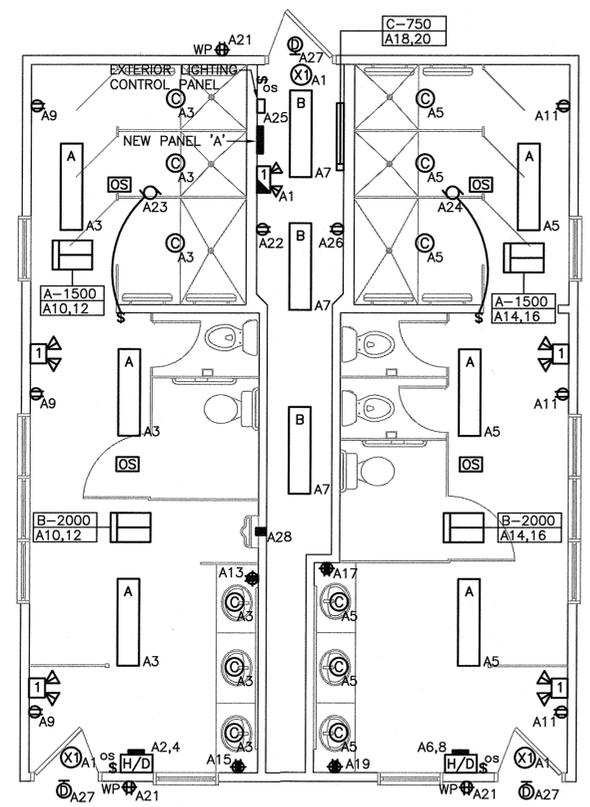
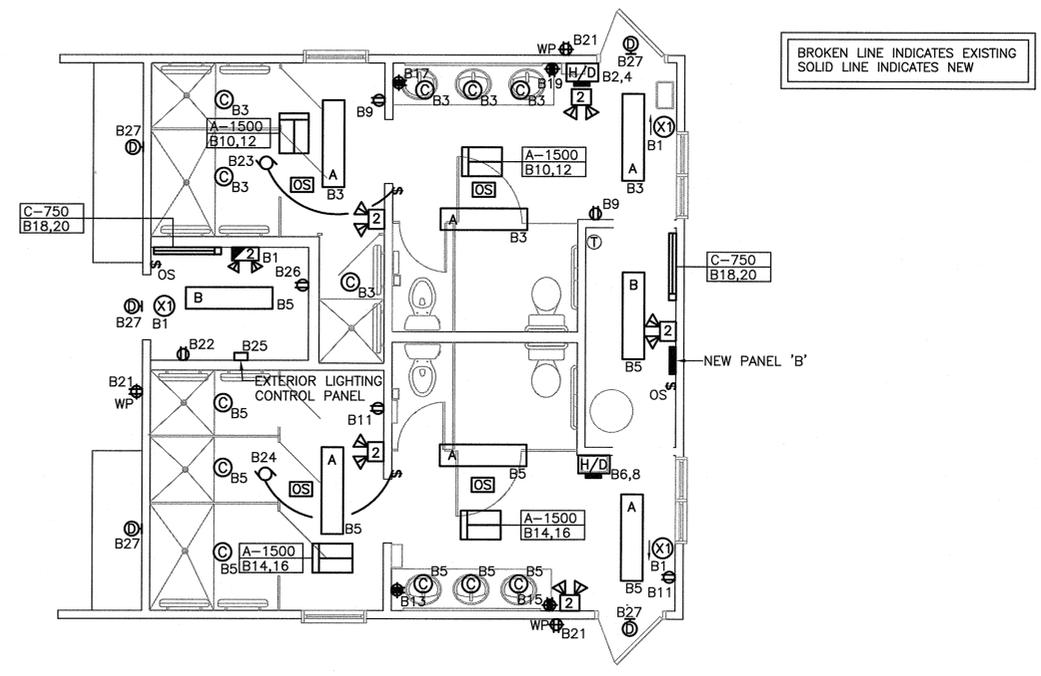


BROKEN LINE INDICATES EXISTING
SOLID LINE INDICATES NEW



NEW BUILDING #32 AND #34 LAYOUT
SCALE: 1:50



NEW BUILDING #38 LAYOUT
SCALE: 1:50



LIGHTING FIXTURE SCHEDULE							
SYMBOL	LIGHT SOURCE	MOUNTING	LAMPS	VOLTS	MANUFACTURER	CAT. NO.	REMARKS
A	FLUORESCENT	CEILING SURFACE	(2) X 32W T8	120	CFI	VSM-232SM55-232	
B	FLUORESCENT	CEILING SURFACE	(2) X 32W T8	120	CFI	SB232	C/W WIRE GUARD
C	COMPACT FLUOR.	CEILING RECESSED	(2) X 26W TTT	120	LIGHTOLIER	8098VWH/8242HUV	
D	LED	EXTERIOR SURFACE	34 WATTS LED	120	GARDCO	102L-35LA	C/W INTEGRAL PHOTOCELL
(X1)	LED	UNIVERSAL	1 x 2 WATT	120	LUMACELL	LA1WU-SP-NBC2010	RUNNING MAN, SINGLE FACE
(X2)	LED	UNIVERSAL	2 x 2 WATT	120	LUMACELL	LA2WU-SP-NBC2010	RUNNING MAN, DOUBLE FACE

NOTES (LIGHTING FIXTURE SCHEDULE):

1. RECESSED FIXTURES INSTALLED IN FIRE RATED CEILINGS SHALL BE COMPLETE WITH A FIRE RATED METAL CAN OR GYPROC BOX TO MAINTAIN THE FIRE RATING INTEGRAL OF THE CEILING. COORDINATE WITH GENERAL CONTRACTOR.

NEW												
VOLTS 120/240		PANEL NAME A		MAINS RATED 100 AMP		C/W 100 AMP, 2 POLE MAIN BREAKER						
PHASE 1		LOCATION UTILITY ROOM		MOUNTING SURFACE								
WIRE 3		FED FROM EXISTING FEEDER		CIRCUITS 30								
DESIGNATION	WATTAGE		WIRE	BKR	CCT	A	B	CCT	BKR	WIRE	DESIGNATION	
	φ A	φ B										φ A
* EXIT/EMERGENCY LIGHTING	206		12	15	1			2	20	12	925	HAND DRYER MALE W/R
LIGHT-MALE W/R		504	12	15	3			4	2	12	925	
LIGHT-FEMALE W/R		504	12	15	5			6	20	12	925	HAND DRYER FEMALE W/R
LIGHT-UTILITY		192	12	15	7			8	2	12	925	
REC-MALE W/R		360	12	15	9			10	30	10	1750	HEAT-MALE W/R
REC-FEMALE W/R		360	12	15	11			12	2	10	1750	
REC-MALE W/R (GFI)		120	12	15	13			14	30	10	1750	HEAT-FEMALE W/R
REC-MALE W/R (GFI)		120	12	15	15			16	2	10	1750	
REC-FEMALE W/R (GFI)		120	12	15	17			18	15	12	375	HEAT-UTILITY
REC-FEMALE W/R (GFI)		120	12	15	19			20	2	12	375	
REC-EXTERIOR		360	12	15	21			22	15	12	120	REC-UTILITY
EXHAUST FAN		135	12	15	23			24	15	12	135	EXHAUST FAN
EXTERIOR LIGHTING CONTROL PANEL		250	12	15	25			26	15	12	120	REC-PROPANE SYSTEM
LIGHT-EXTERIOR		192	12	15	27			28	15	12	100	AUTOMATED FLUSHER
SPARE					29			30	20			SPARE
φ A TOTAL : 8015												
φ B TOTAL : 7713												
TOTAL LOAD 15.8 KW		65.8 AMP										

* - INDICATES LOCK-ON DEVICE
** - INDICATES GROUND FAULT CIRCUIT BREAKER

ELECTRIC HEATER SCHEDULE							
TYPE	DESCRIPTION	VOLTS	WATTS	MANUFACTURER	CAT. NO.	MOUNTING	REMARKS
A	FAN FORCED	240V, 1φ	1500	OUELLET	OACP1500	CEILING RECESSED	NOTE 2
B	FAN FORCED	240V, 1φ	2000	OUELLET	OACP2000	CEILING RECESSED	NOTE 2
C	BASEBOARD	240V, 1φ	750	OUELLET	OFM0750	WALL SURFACE	NOTE 1 & 2

NOTES (ELECTRIC HEATER SCHEDULE):

1. BOTTOM OF HEATER TO BE MOUNTED 25mm ABOVE FINISHED FLOOR.
2. HEATER C/W BUILT IN THERMOSTAT.
3. ALL HEATERS TO BE WHITE IN COLOR.

NEW												
VOLTS 120/240		PANEL NAME B		MAINS RATED 100 AMP		C/W 100 AMP, 2 POLE MAIN BREAKER						
PHASE 1		LOCATION UTILITY ROOM		MOUNTING SURFACE								
WIRE 3		FED FROM EXISTING FEEDER		CIRCUITS 30								
DESIGNATION	WATTAGE		WIRE	BKR	CCT	A	B	CCT	BKR	WIRE	DESIGNATION	
	φ A	φ B										φ A
* EXIT/EMERGENCY LIGHTING	204		12	15	1			2	20	12	925	HAND DRYER MALE W/R
LIGHT-MALE W/R		504	12	15	3			4	2	12	925	
LIGHT-FEMALE W/R		700	12	15	5			6	20	12	925	HAND DRYER FEMALE W/R
SPARE					7			8	2	12	925	
REC-MALE W/R		240	12	15	9			10	20	12	1500	HEAT-MALE W/R
REC-FEMALE W/R		240	12	15	11			12	2	12	1500	
REC-MALE W/R (GFI)		120	12	15	13			14	20	12	1500	HEAT-FEMALE W/R
REC-MALE W/R (GFI)		120	12	15	15			16	2	12	1500	
REC-FEMALE W/R (GFI)		120	12	15	17			18	15	12	750	HEAT-VESTIBULE, UTILITY
REC-FEMALE W/R (GFI)		120	12	15	19			20	2	12	750	
REC-EXTERIOR		360	12	15	21			22	15	12	120	REC-UTILITY
SPARE					23			24	15	12	135	EXHAUST FAN
EXTERIOR LIGHTING CONTROL PANEL		250	12	15	25			26	15	12	120	REC-PROPANE SYSTEM
LIGHT-EXTERIOR		192	12	15	27			28	15	12	100	SPARE
SPARE					29			30	20			SPARE
φ A TOTAL : 7143												
φ B TOTAL : 6779												
TOTAL LOAD 13.9 KW		57.9 AMP										

* - INDICATES LOCK-ON DEVICE
** - INDICATES GROUND FAULT CIRCUIT BREAKER

Stamp: PROFESSIONAL ENGINEER PERMIT HOLDER KENNETH R.P. NEIL, CIVIL ENGINEERING LIMITED, MAR 04 16, NEWFOUNDLAND & LABRADOR. Permit: PROVINCE OF NEWFOUNDLAND PERMIT HOLDER Class 'A' This Permit Allows CIVIL ENGINEERING LIMITED to provide Professional Engineering in Newfoundland and Labrador. Permit No. or Renewal No. PEG-00223 which is valid for the year 2016.

0	ISSUED FOR TENDER	2016/03/04
A	ISSUED FOR TENDER REVIEW	2015/09/11
revisions		date

project: WASHROOM BUILDING RECAPITALIZATION BUILDING 32, 34, & 38 NEWMAN SOUND CAMPGROUND TERRA NOVA NATIONAL PARK, NL

drawing: NEW FLOOR PLANS, PANELS AND SCHEDULES

designed K.N.	conçu
date AUG. 2015	
drawn B.C.	dessiné
date AUG. 2015	
approved D.H.	approuvé
date AUG. 2015	
Tender: PWGSC Project Manager	Administrateur de projets TPSGC
project number	no. du projet
R-079272-001	
drawing no.	no. du dessin
E2	