

LOAD DESCRIPTION	LOAD	WIRE	BKR	CIRCUIT	BKR	WIRE	LOAD	LOAD DESCRIPTION	PHASE LOAD		
									A	B	C
POWER FOR SYSTEMS FURNITURE	2500	12	15A <sup>+</sup>	1	2	15A <sup>+</sup>	2500	POWER FOR SYSTEMS FURNITURE	1666	1666	1666
POWER FOR SYSTEMS FURNITURE	2500	12	15A <sup>+</sup>	3	4	15A <sup>+</sup>	2500	POWER FOR SYSTEMS FURNITURE	1666	1666	1666
POWER FOR SYSTEMS FURNITURE	2500	12	15A <sup>+</sup>	5	6	15A <sup>+</sup>	2500	POWER FOR SYSTEMS FURNITURE	1666	1666	1666
POWER FOR SYSTEMS FURNITURE	2500	12	15A <sup>+</sup>	7	8	15A <sup>+</sup>	2500	POWER FOR SYSTEMS FURNITURE	1666	1666	1666
POWER FOR SYSTEMS FURNITURE	2500	12	15A <sup>+</sup>	9	10	15A <sup>+</sup>	2500	POWER FOR SYSTEMS FURNITURE	1666	1666	1666
POWER FOR SYSTEMS FURNITURE	2500	12	15A <sup>+</sup>	11	12	15A <sup>+</sup>	2500	POWER FOR SYSTEMS FURNITURE	1666	1666	1666
POWER FOR SYSTEMS FURNITURE	2500	12	15A <sup>+</sup>	13	14	15A <sup>+</sup>	2500	POWER FOR SYSTEMS FURNITURE	1666	1666	1666
POWER FOR SYSTEMS FURNITURE	2500	12	15A <sup>+</sup>	15	16	15A <sup>+</sup>	2500	POWER FOR SYSTEMS FURNITURE	1666	1666	1666
POWER FOR SYSTEMS FURNITURE	2500	12	15A <sup>+</sup>	17	18	15A <sup>+</sup>	2500	POWER FOR SYSTEMS FURNITURE	1666	1666	1666
SPLIT RECEPTACLES	400	12	15A <sup>+</sup>	19	20	15A <sup>+</sup>	400	RECEPTACLES	600	600	
SPLIT RECEPTACLES	400	12	15A <sup>+</sup>	21	22	15A <sup>+</sup>	400	RECEPTACLES	600	600	
SPLIT RECEPTACLES	400	12	15A <sup>+</sup>	23	24	15A <sup>+</sup>	1000	RECEPTACLES	1600	1200	
SPLIT RECEPTACLES	400	12	15A <sup>+</sup>	25	26	15A <sup>+</sup>	1400	RECEPTACLES	1600	1200	
RECEPTACLE FRIDGE	700	12	15A <sup>+</sup>	27	28	15A <sup>+</sup>	800	RECEPTACLES		1500	
RECEPTACLES	1000	12	15A <sup>+</sup>	29	30	15A <sup>+</sup>	600	RECEPTACLES		1600	

COMMENTS:  
1. FEDERAL PIONEER NBLP 30-4L. CONTRACTOR TO BE RESPONSIBLE PRIOR TO TENDERING TO VERIFY PANEL TYPE AND BREAKER INTERRUPTING CAPACITY.  
2. PROVIDE NEW BREAKERS AS INDICATED AND ANY ASSOCIATED MOUNTING HARDWARE REQUIRED.

\* - INDICATE C/W CLASS 'A' GROUND FAULT BREAKER  
+ - INDICATE REUSE EXISTING BREAKER. Δ - INDICATE NEW BREAKER

LOAD DESCRIPTION	LOAD	WIRE	BKR	CIRCUIT	BKR	WIRE	LOAD	LOAD DESCRIPTION	PHASE LOAD		
									A	B	C
RECEPTACLES	400	12	15A <sup>+</sup>	1	2	15A <sup>+</sup>	1000	RECEPTACLE MICROWAVE	1666		
RECEPTACLES	600	12	15A <sup>+</sup>	3	4	15A <sup>+</sup>	1000	RECEPTACLE MICROWAVE	1666		
RECEPTACLES	600	12	15A <sup>+</sup>	5	6	15A <sup>+</sup>	1200	RECEPT. FOR CONF. EQUIP.	1666	1666	
EXISTING LOAD TO REMAIN	800	12	15A <sup>+</sup>	7	8	15A <sup>+</sup>	700	POWER FOR SCREEN	1666		
RECEPTACLES	200	12	15A <sup>+</sup>	9	10	15A <sup>+</sup>	400	DDC CONTROL PANEL	1666		
RECEPTACLES	1000	12	20A <sup>+</sup>	11	12			SPACE		1666	
RECEPTACLES	800	12	15A <sup>+</sup>	13	14	15A <sup>+</sup>			1666		
RECEPTACLES	400	12	15A <sup>+</sup>	15	16	15A <sup>+</sup>			1666		
RECEPTACLES	1000	12	20A <sup>+</sup>	17	18			SPACE		1666	
RECEPTACLES	1000	12	20A <sup>+</sup>	19	20	15A <sup>+</sup>			600		
RECEPTACLES SOUND MASKING	1000	12	15A <sup>+</sup>	21	22	15A <sup>+</sup>			600		1200
				23	24	15A <sup>+</sup>					1600
				25	26	15A <sup>+</sup>					1500
				27	28	15A <sup>+</sup>					1600
				29	30	15A <sup>+</sup>					1600

COMMENTS:  
1. FEDERAL PIONEER NBLP 30-4L. CONTRACTOR TO BE RESPONSIBLE PRIOR TO TENDERING TO VERIFY PANEL TYPE AND BREAKER INTERRUPTING CAPACITY.  
2. PROVIDE NEW BREAKERS AS INDICATED AND ANY ASSOCIATED MOUNTING HARDWARE REQUIRED.

\* - INDICATE C/W CLASS 'A' GROUND FAULT BREAKER  
+ - INDICATE REUSE EXISTING BREAKER. Δ - INDICATE NEW BREAKER

LOAD DESCRIPTION	LOAD	WIRE	BKR	CIRCUIT	BKR	WIRE	LOAD	LOAD DESCRIPTION	PHASE LOAD		
									A	B	C
EXISTING BREAKER TO REMAIN. REMOVE ALL ASSOCIATED BRANCH WIRING AND CONDUIT				1	2	30A <sup>+</sup>					
EXISTING BREAKER TO REMAIN. REMOVE ALL ASSOCIATED BRANCH WIRING AND CONDUIT				3	4	20A <sup>+</sup>					
EXISTING BREAKER TO REMAIN. REMOVE ALL ASSOCIATED BRANCH WIRING AND CONDUIT				5	6						
EXISTING BREAKER TO REMAIN. REMOVE ALL ASSOCIATED BRANCH WIRING AND CONDUIT				7	8	20A <sup>+</sup>	5250	PERIMETER HEATING	5250		
EXISTING BREAKER TO REMAIN. REMOVE ALL ASSOCIATED BRANCH WIRING AND CONDUIT				9	10	20A <sup>+</sup>	12	5250	PERIMETER HEATING		5250
EXISTING BREAKER TO REMAIN. REMOVE ALL ASSOCIATED BRANCH WIRING AND CONDUIT				11	12	20A <sup>+</sup>	12	4750	PERIMETER HEATING		4750
PERIMETER HEATING	4500	12	20A <sup>+</sup>	13	14				4500		
PERIMETER HEATING	5250	12	20A <sup>+</sup>	15	16					5250	
PERIMETER HEATING	3500	12	15A <sup>+</sup>	17	18						3500

COMMENTS:  
1. FEDERAL PIONEER NHDP SERIES 0434. CONTRACTOR TO BE RESPONSIBLE PRIOR TO TENDERING TO VERIFY PANEL TYPE AND BREAKER INTERRUPTING CAPACITY.  
2. PROVIDE NEW BREAKERS AS INDICATED AND ANY ASSOCIATED MOUNTING HARDWARE REQUIRED.

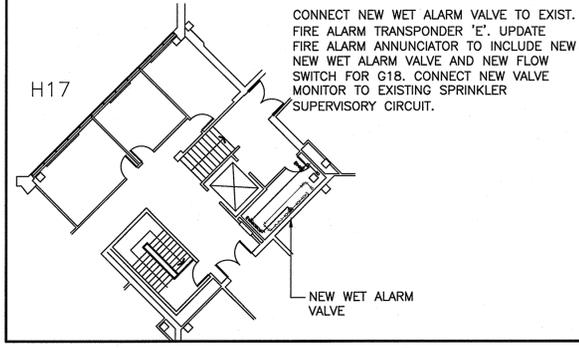
Δ - INDICATES NEW BREAKER

CONNECTED LOAD 28.5 KW. TOTAL WATTS 9750 10500 8250  
ESTIMATED DEMAND 28.5 KW. TOTAL AMPS 28 30 24

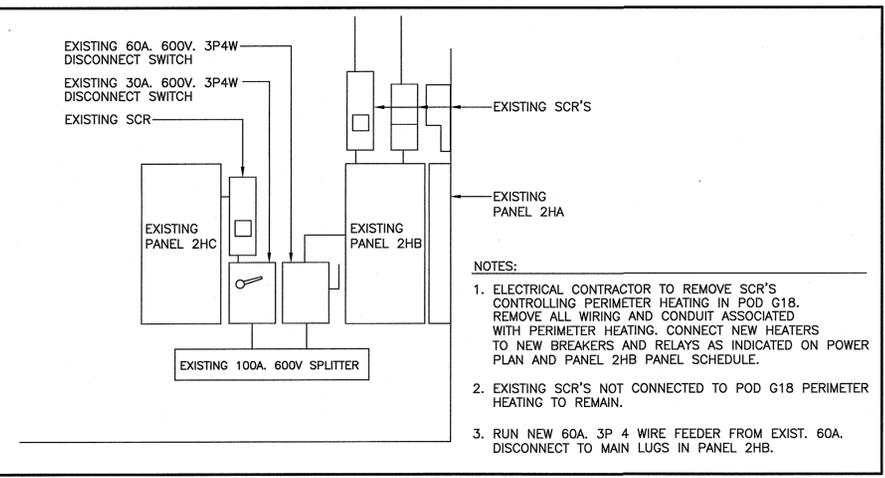
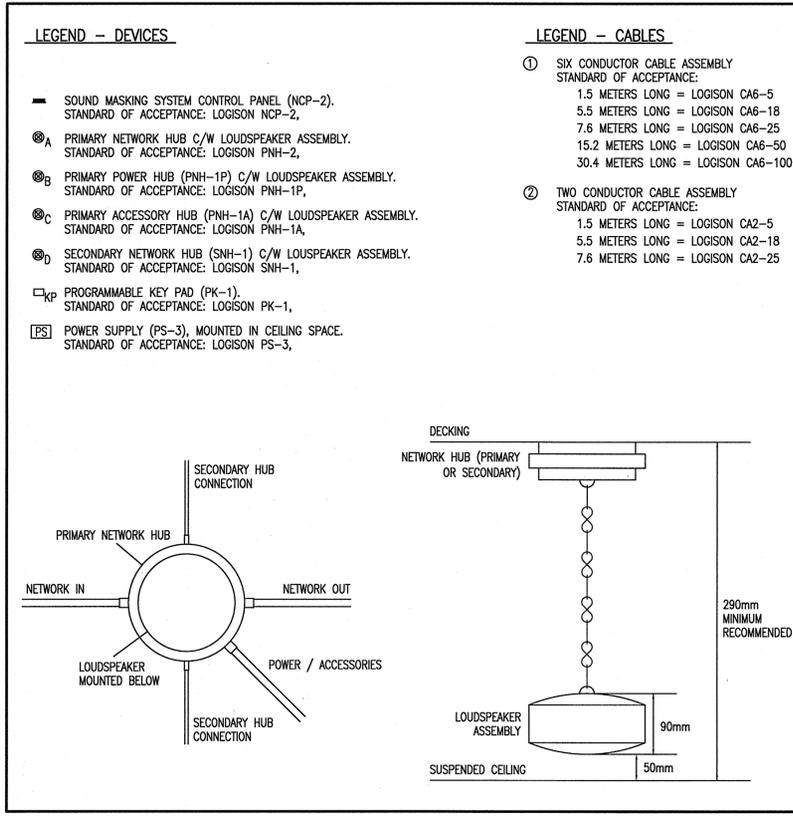
LOAD DESCRIPTION	LOAD	WIRE	BKR	CIRCUIT	BKR	WIRE	LOAD	LOAD DESCRIPTION	PHASE LOAD		
									A	B	C
DH-1, DH-2	5000	12	15A	1	2	20A <sup>+</sup>		EXIST. DUCT HTG. COIL C67			
EXIST. UNKNOWN LOAD TO REMAIN			15A	3	4	30A					
EXIST. DUCT HTG. COIL C58,59,60,62,63,64			30A	5	6	30A	5500	DH-3			
DH-4	5500	10	30A	7	8	15A		EXIST. H17 HEATER			
EXIST. DUCT HTG. COIL C56			30A	9	10	15A		EXIST. PENTHOUSE HEATER			
EXIST. DUCT HTG. COIL C63,64			30A	11	12	15A		EXIST. PENTHOUSE HEATER			
EXIST. PENTHOUSE HEATER			15A	13	14			SPACE			
SPACE				15	16	20A		SPACE			
				17	18			SPACE			
				19	20			SPACE			
				21	22			SPACE			

COMMENTS:  
1. FEDERAL PIONEER NBLP SERIES 0433. CONTRACTOR TO BE RESPONSIBLE PRIOR TO TENDERING TO VERIFY PANEL TYPE AND BREAKER INTERRUPTING CAPACITY.  
2. ALL BREAKERS INDICATED ARE EXISTING.

CONNECTED LOAD KW. TOTAL WATTS  
ESTIMATED DEMAND KW. TOTAL AMPS



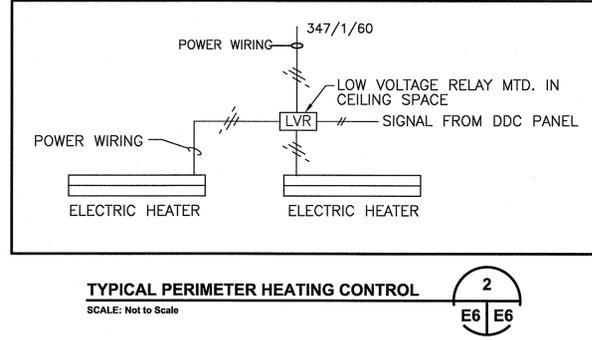
LEVEL 1 H17  
SCALE: Not to Scale



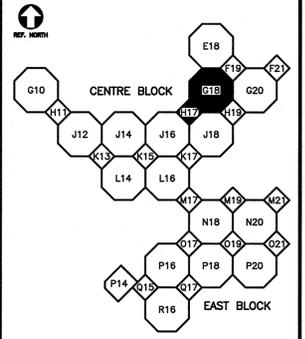
ELEVATION  
SCALE: Not to Scale

TAG	FIXTURE			MOUNTING			LAMPS			ELECTRICAL		REMARKS	
	MANUF.	CAT. No.	TYPE	SIZE	METHOD	CEILING TYPE	MOUNTING HEIGHT A.F.F.	NO. of LAMPS	LAMP TYPE	LAMP WATTS	BALLAST TYPE		VOLTS
A	PHILIPS	2AVEG38L835-4-ACR-347	LED	2' X 4'	RECESSED	T-BAR	-	-	LED			347	60
A1	PHILIPS	2AVEG38L835-2-ACR-347	LED	2' X 2'	RECESSED	T-BAR	-	-	LED			347	60
B	PHILIPS	2AVEG38L8354ACR347DIM	LED	2' X 4'	RECESSED	T-BAR	-	-	LED			347	60
C	CALCULITE	C7L10N1-347/C7L10DL35WCCLW	LED	7" DIA.	RECESSED	T-BAR	-	-	LED			347	14
D	PHILIPS	7806LBCQ047-347V-EW	LED	11" X 4'	SUSPENDED	T-BAR	SEE NOTE 1	-	LED			347	85
E	PHILIPS	OWL440L835347	LED	8" X 4'	SUSPENDED	EXPOSED	-	-	LED			347	60

NOTES:  
1. MOUNT AT APPROX. 2133mm A.F.F.



Public Works and Government Services Canada / Travaux Publics et Services gouvernementaux Canada



revisions	date	description
4	09/28/2015	REVISED ISSUED FOR TENDER
1	04/07/2014	REVISED ISSUED FOR TENDER
A	03/24/2014	ISSUED FOR TENDER
0	02/28/2014	ISSUED FOR REVIEW

G18 LEVEL 2 INTERIOR RENOVATIONS  
NORTHWEST ATLANTIC FISHERIES CENTRE  
St. John's, NL

ELECTRICAL SCHEDULES AND DETAILS

designed G.N.S. conq  
date FEB. 2014  
drawn G.N.S. dessin  
date FEB. 2014  
approved approuvé  
date  
Tender Submission  
PWGSC Project Manager Administrateur de projets TPSGC  
project number no. du projet  
R068178.001  
drawing no. no. du dessin  
E06