


PROVINCE OF NEWFOUNDLAND AND LABRADOR
 **ENGINEERING**
PERMIT J0291

STANTEC CONSULTING LTD.

BR 04642

Signature or Member Number
 (Member-in-Responsible Charge)

0	ISSUED FOR TENDER	AUG 26 2016
revisions		date

project

**NORTHWEST ATLANTIC
FISHERIES CENTRE
MAIN ELECTRICAL
UPGRADES**

project

EXISTING SCHEDULES

designed	B. Ropson	conçu
date	March 2016	
drawn	J. Dillon	dessiné
date	March 2016	

date	Tender <i>Sandy</i> <i>20/6-09-17</i>	Submission
	PWNGSC Project Manager	Administrateur de projets TPNGSC
project number		no. du projet
		R.072210.001
drawing no.		no. du dessin

EXISTING BREAKERS, SUB 3 (017)

CB NUMBER	MANUFACTURER	NAME	VOLTS/POLES		AF	AT	KAC	SERIAL #	TAG
①	EATON	MAGNUM DS MDS620	600/3	2000A	65		CAT #: MDS6203MEA	MAIN BREAKER	
②	SCHNIDER ELECTRIC	MASTERPACT NMOBH1	600/3	800A	65		Q0550000653	FEEDER TO EMERGENCY TRANSFER SWITCH NO. 3	
③	FPE	50H-2	600/3	1600A	50	300A	TH10129-76	FEEDER TO PANEL M178PA	
④	FPE	50H-2	600/3	1600A	50	800A	TH10122-76	FEEDER TO PANEL N183PA	
⑤	FPE	50H-2	600/3	1600A	50	800A	TH10121-76	FEEDER TO PANEL N202PA	
⑥	FPE	50H-2	600/3	1600A	50	800A	TH10127-76	FEEDER TO PANEL P162PA	
⑦	FPE	65H-2	600/3	2000A	65		TH10116-76	BUS TIE BREAKER	
⑧	FPE	50H-2	600/3	1600A	50	800A	TH10133-76	FEEDER TO PANEL P183PA	
⑨	FPE	50H-3	600/3	1600A	50	600A	BH-2940S-85	FEEDER TO PANEL P203PA	
⑩	FPE	50H-2	600/3	1600A	50	1000A	TH10125-76	FEEDER TO PANEL R162PA	
⑪	FPE	50H-2	600/3	1600A	50	800A	TH10126-76	FEEDER TO EMERGENCY TRANSFER SWITCH 017	
⑫	FPE	75H-2	600/3	4000A	75	1600A	TH10112-76	MAIN TIE TO SUB #2	

NOTE:
TYPICAL: BREAKER TYPE AND RATINGS LISTED FOR REFERENCE ONLY, EXACT DETAILS TO BE CONFIRMED ON SITE.

EXISTING CIRCUIT BREAKERS, SUB 1 (H7)

CB NUMBER	MANUFACTURER	NAME	VOLTS/POLES	AF	AT	KAIC	SERIAL #	TAG
①	FPE	75H-2	600/3	4000A	1600A	75	TH10113-76	MAIN BREAKER NO. 1 FEED FROM H7 SUBSTATION 1A
②	FPE	50H3	600/3	2000A	1600A	50	BH-49693-97	H17 ELECTRICAL ROOM
③	FPE	50H-2	600/3	1600A	800A	50	TH10136-76	FEEDER TO LIGHTING STATION
④	FPE	50H-2	600/3	1600A	400A	50	TH10130-76	FEEDER TO EMERGENCY TRANSFER SWITCH H7 SCANNER SWITCHBOARD
⑤	FPE	50H-2	600/3	1600A	400A	50	TH10143-76	SALTWATER PUMPHOUSE TRANSFER SWITCH
⑥	FPE	50H-2	600/3	1600A	800A	50	TH10134-76	NOT LABELED
⑦	FPE	65H-2	600/3	2000A	2000A	65	TH10117-76	BUS TIE BREAKER
⑧	FPE	50H-2	600/3	1600A	400A	50	TH10131-76	NOT LABELED
⑨	FPE	50H-2	600/3	1600A	800A	50	TH10135-76	NOT LABELED
⑩	FPE	50H-2	600/3	1600A	175A	50	TH10119-76	FEEDER TO PANEL G104PA
⑪	FPE	50H-2	600/3	1600A	800A	50	TH10124-76	NOT LABELED
⑫	FPE	75H-2	600/3	4000A	1600A	75	TH10114-76	FEED FROM H7 SUBSTATION 3A
⑬	FPE	50H3	600/3	2000A	1600A	50	BH-49694-97	O17 ELECTRICAL ROOM

EXISTING CIRCUIT BREAKERS, SUB 2 (H17)

CB NUMBER	MANUFACTURER	NAME	VOLTS/POLES	AF	AT	KAC	SERIAL #	TAG
①	FPE	50H-2	600/3	1600A	400A	50	TH10132-76	SPARE
②	FPE	50H-2	600/3	1600A	800A	50	TH10138-76	FEEDER TO PANEL J122PA
③	FPE	50H-2	600/3	1600A	800A	50	TH10123-76	FEEDER TO PANEL J122PA
④	FPE	50H-2	600/3	1600A	300A	50	TH10128-76	FEEDER TO PANEL E182PA
⑤	FPE	50H-2	600/3	1600A	800A	50	TH10137-76	FEEDER TO PANEL J182PA
⑥	FPE	65H-2	600/3	2000A	2000A	65	TH10118-76	BUS TIE BREAKER
⑦	FPE	50H-2	600/3	1600A	800A	50	TH10140-76	FEEDER TO PFC CONTROLLER
⑧	FPE	50H-2	600/3	1600A	800A	50	TH10139-76	FEEDER TO PANEL L143PA
⑨	FPE	50H-2	600/3	1600A	800A	50	TH10141-76	FEEDER TO PANEL J163PA
⑩	FPE	50H-2	600/3	1600A	800A	50	TH10120-76	FEEDER TO PANEL L163PA
⑪	FPE	50H-2	600/3	1600A	800A	50	TH10142-76	FEEDER TO EMERGENCY TRANSFER SWITCH I17
⑫	EATON	MAGNUM DS MDS620	600/3	1600A	65	CAT #: MDS6163WEA	MAIN NO. 1	NOT LABELED
⑬	FPE	50H3	600/4	1600A	800A	50	BH-49692-97	