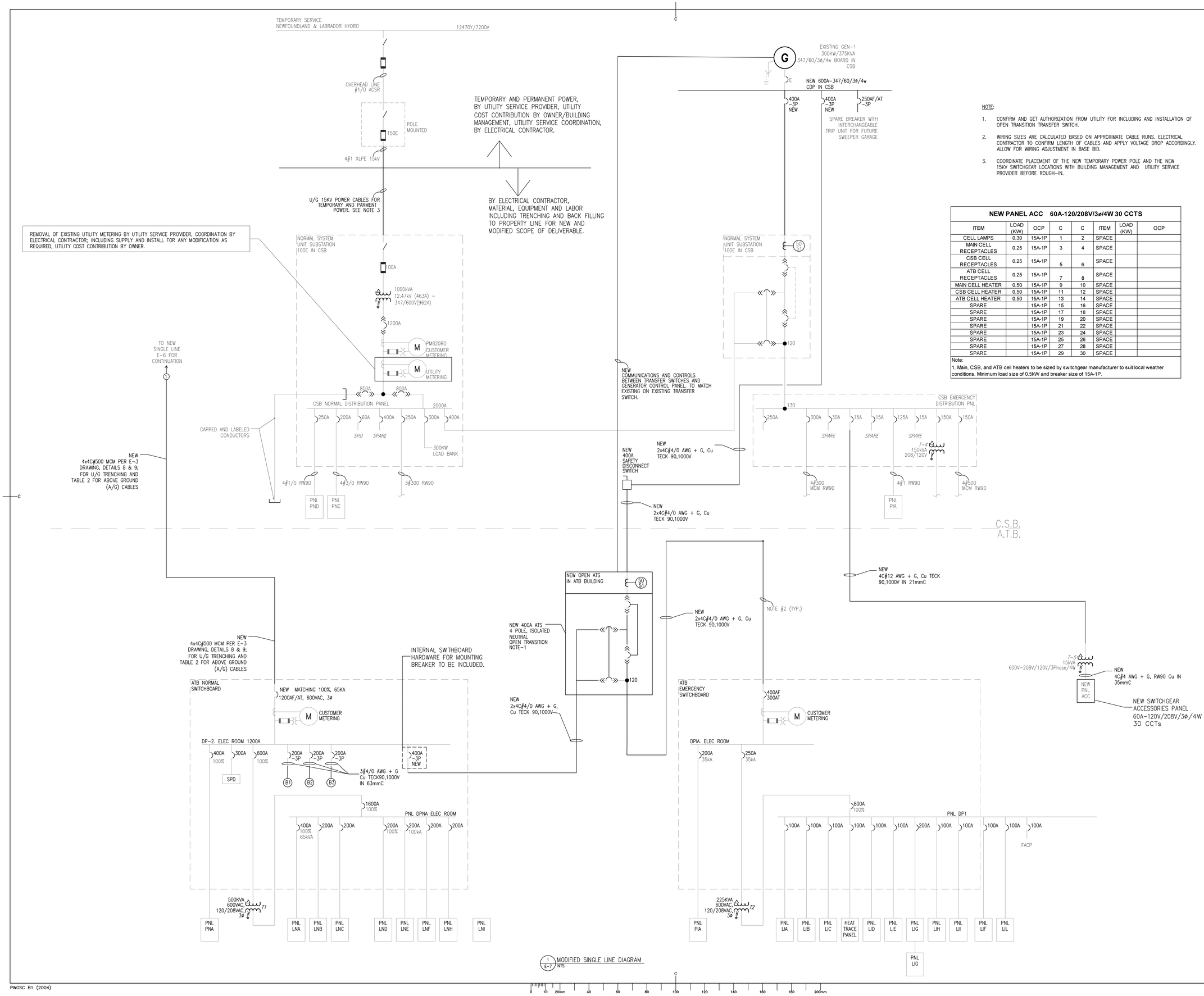

NOTE:

1. CONFIRM AND GET AUTHORIZATION FROM UTILITY FOR INCLUDING AND INSTALLATION OF OPEN TRANSITION TRANSFER SWITCH.
2. WIRING SIZES ARE CALCULATED BASED ON APPROXIMATE CABLE RUNS. ELECTRICAL CONTRACTOR TO CONFIRM LENGTH OF CABLES AND APPLY VOLTAGE DROP ACCORDINGLY. ALLOW FOR WIRING ADJUSTMENT IN BASE BID.
3. COORDINATE PLACEMENT OF THE NEW TEMPORARY POWER POLE AND THE NEW 15KV SWITCHGEAR LOCATIONS WITH BUILDING MANAGEMENT AND UTILITY SERVICE PROVIDER BEFORE ROUGH-IN.

NEW PANEL ACC 60A-120/208V/3ø/4W 30 CCTS

ITEM	LOAD (KW)	OCP	C	C	ITEM	LOAD (KW)	OCP
CELL LAMPS	0.30	15A-1P	1	2	SPACE		
MAIN CELL RECEPTACLES	0.25	15A-1P	3	4	SPACE		
CSB CELL RECEPTACLES	0.25	15A-1P	5	6	SPACE		
ATB CELL RECEPTACLES	0.25	15A-1P	7	8	SPACE		
MAIN CELL HEATER	0.50	15A-1P	9	10	SPACE		
CSB CELL HEATER	0.50	15A-1P	11	12	SPACE		
ATB CELL HEATER	0.50	15A-1P	13	14	SPACE		
SPARE		15A-1P	15	16	SPACE		
SPARE		15A-1P	17	18	SPACE		
SPARE		15A-1P	19	20	SPACE		
SPARE		15A-1P	21	22	SPACE		
SPARE		15A-1P	23	24	SPACE		
SPARE		15A-1P	25	26	SPACE		
SPARE		15A-1P	27	28	SPACE		
SPARE		15A-1P	29	30	SPACE		

Note:
1. Main, CSB, and ATB cell heaters to be sized by switchgear manufacturer to suit local weather conditions. Minimum load size of 0.5kW and breaker size of 15A-1P.

1 E-7 MODIFIED SINGLE LINE DIAGRAM
NTS

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

PROVINCE OF NEWFOUNDLAND AND LABRADOR
pegnl ENGINEERING PERMIT
N1183
HDK CONSULTING INC
Signature or Member Number (Member-in-Responsible Charge)

LICENSED PROFESSIONAL ENGINEER
10274
Hugo A. Cea Canas
SIGNATURE
2022-07-29
DATE
NEWFOUNDLAND & LABRADOR

revisions		date
3	ISSUED FOR CONSTRUCTION	JUL 29 2022
2	100% REVIEW SUBMISSION	JUN 30 2022
1	99% REVIEW SUBMISSION	MAY 27 2022
0	60% REVIEW SUBMISSION	MAR 31 2022

project / projet
Wabush Service Upgrade – Wabush Airport

Wabush Airport Terminal Building (ATB)

drawing / dessin
MODIFIED SINGLE LINE DISTRIBUTION DIAGRAM

designed HCC / conçu
date
drawn / dessiné
date
approved HCC / approuvé
date
Tender / Soumission
PWGSC Project Manager / Administrateur de projets TPSGC
project number / no. du projet
R111141.001
drawing no. / no. du dessin
E-7

PWGSC B1 (2004)

E-DRM/GDD-E: 553477