

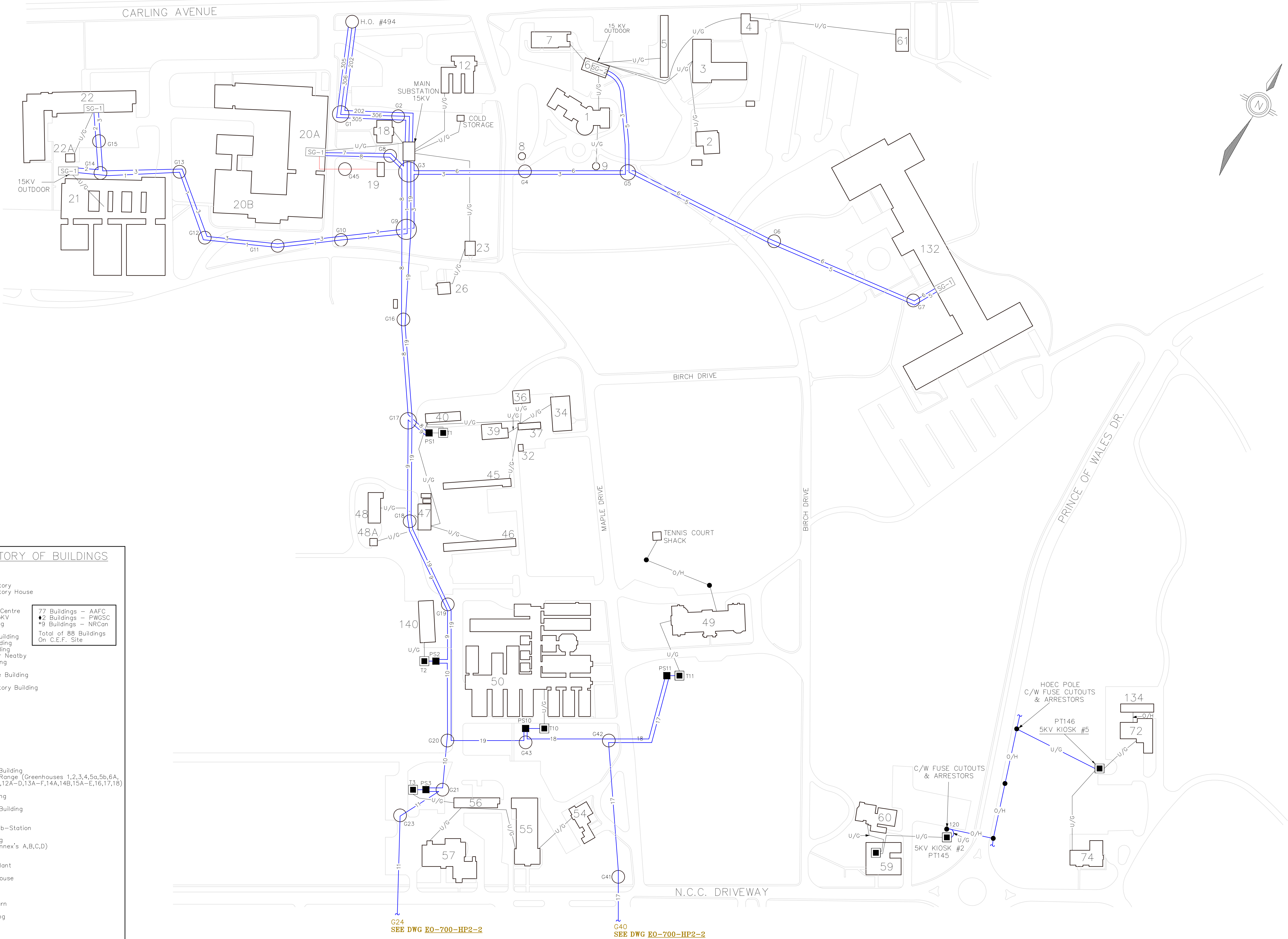
C.E.F. INVENTORY OF BUILDINGS	
BLDG No.	BUILDING NAME
1*	Dominion Observatory
2*	Dominion Observatory House
3*	Geophysical Lab
4*	Machine Shop
5*	Geophysical Data Centre
6*	Electrical Vault 15KV
7*	Seismology Building
8*	Azimuth Building
9*	Phot. Equatorial Building
12	Forage Crops Building
18	Seed Biology Building
19	Diesel Building For Neatby
20	k.W. Neatby Building
21	Header House
22	Laboratory Service Building
22A	Chemical Storage
23	F. P. & L. Laboratory Building
26	Office
32	Storage Building
34	Genetics Building
36	Service Building
37	Service Building
39	Service Building
40	Storage Building
45	Trades Shop
46	Storage Building
47	Implement Shed
48	Implement Shed
48A	Water Fill Station
49	William Saunders Building
50	Main Greenhouse Range (Greenhouses 1,2,3,4,5a,5b,6A, 6B,7,8A,8B,9,10,11,12A-D,13A-F,14A,14B,15A-E,16,17,18)
54	Heritage House
55	Horticulture Building
56	Storage Building
57	Dairy Technology Building
59	Nutrition Building
60	Heritage House
61	PBX Telephone Sub-Station
72	Service Building
74	Arboretum Building
75	Cereal Building (annex's A,B,C,D)
76	Cereal Barn
77	Storage Building
78	Central Heating Plant
82	Storage Building
84	Irrigation Pump House
85	Information Booth
88	Main Dairy Barn
91	Swine Barn
91A	Isolation Swine Barn
92	Storage Building
94	Engineering Building
95	Heritage Barn
97	Vacant
98	Carpentry Shop
99	Service Building
103	Implement Shed
104	Implement Shed
106	Service Building
107	Plant Growth Building
108	Service Building
109A	Greenhouse
109B	Greenhouse
110	Service Building
111	Storage Building
112	Storage Building
113	Storage Building
114	Farm Service Garage
115	Storage Building
116	Storage Building
117	Meteorology Station
118	Vacant Barn
132	Sir John Carling Building
134	Storage Building
136	Bio-Control Laboratory
136A	Storage Building
138	Storage Building (Fletcher Wildlife Centre)
140	Plant growth Building
142	Greenhouse
143	Service Building
144	Service Building
145	Sand and Soil Storage Building
146	Implement Shed
147	Manure Storage
148	Chemical Storage Facility
149	Storage Building
150	Implement Storage
151	Livestock Barn

77 Buildings - AAFC

2 Buildings - PWGSC

9 Buildings - NRCan

Total of 88 Buildings On C.E.F. Site



LEGEND

	PADMOUNT TRANSFORMER ON SITE PLAN
	PADMOUNT SWITCH GEAR
	POLE
	MANHOLE
	EMERGENCY POWER
	HIGH VOLTAGE POWER
	NORMAL POWER

Public Works
Government
Services Canada

Travaux publics
Services
Gouvernement Canada

National Capital
Capitale nationale

Property and
Facilities Management
Gestion des immeubles
et des installations

L. Lanctôt
Director O.S.S.
Directeur S.O.S.

revisions

date

revision	description	
4	ROAD UPDATE	
date	approved for release by	approve par
NOV./2005	S. MACMILLAN	
5	MANHOLE ADDED (G45)	
date	approved for release by	approve par
FEB./2006	S. MACMILLAN	
6	NEATBY S/G #2 REMOVED	
date	approved for release by	approve par
MAY/2006	S. MACMILLAN	
7	BLDG. #62 REMOVED MANHOLE G31 DEMOLISHED	
date	approved for release by	approve par
JAN./2007	S. MACMILLAN	
8	BUILDING 19 UPDATE	
date	approved for release by	approve par
MAY/2008	S. MACMILLAN	
9	COMPLETE ELECTRICAL UPDATE	
date	approved for release by	approve par
JULY/2009	D. FERGUSON	

Property of

Electrical Support Unit

of Maintenance & Operational Assurance

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Central Experimental Farm

1 Observatory Cres.
Ottawa, Ontario

drawing title

titre du dessin

OPERATIONAL
SINGLE LINE DIAGRAM

SITE PLAN - NORTH
CABLES

designed by

R. CARRIÈRE

conçu par

drawn by

R. VASQUEZ

dessiné par

reviewed by

E. MONGEON

révisé par

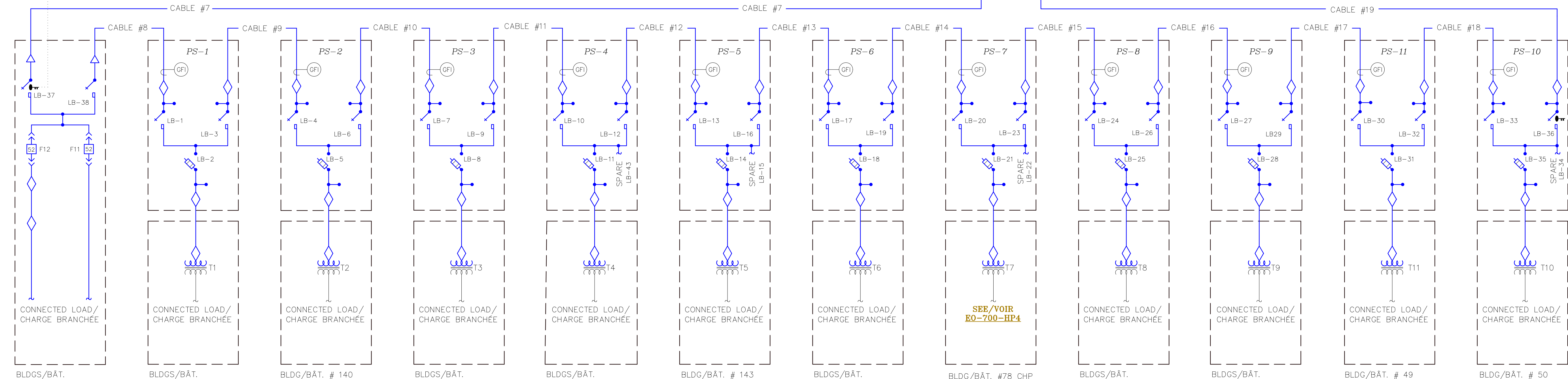
approved by

L. BRASSARD

























approuvé par

Dwg no.
Dessin no.

EO-700-HP2-1

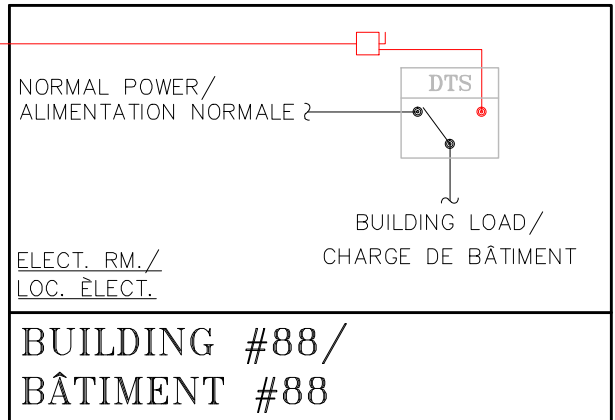
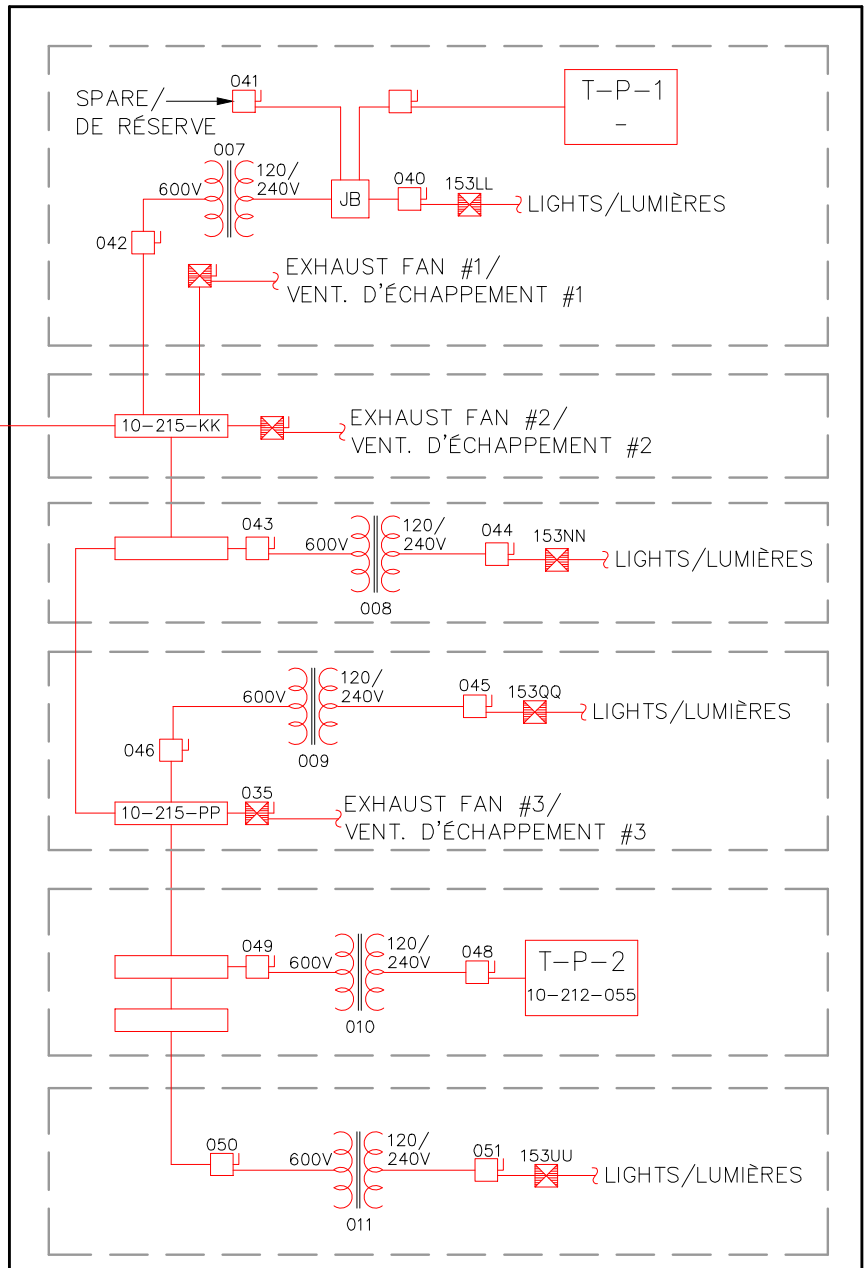


<p>T1 225kVA, 3ϕ 12,800 - 347/600V TYPE: ONAN IMP: 5.22% @ 85°C Δ - ∇</p>	<p>T7 500kVA, 3ϕ 12,800 - 347/600V TYPE: ONAN IMP: 5.6% @ 85°C Δ - ∇</p>
<p>T2 300kVA, 3ϕ 12,800 - 120/208V TYPE: ONAN IMP: 4.41% @ 85°C Δ - ∇</p>	<p>T8 300kVA, 3ϕ 12,800 - 347/600V TYPE: ONAN IMP: 5.6% @ 85°C Δ - ∇</p>
<p>T3 500kVA, 3ϕ 12,800 - 347/600V TYPE: ONAN IMP: 4.52% @ 85°C Δ - ∇</p>	<p>T9 150kVA, 3ϕ 12,800 - 120/208V TYPE: ONAN IMP: 3.6% @ 85°C Δ - ∇</p>
<p>T4 500kVA, 3ϕ 12,800 - 347/600V TYPE: ONAN IMP: 5.6% @ 85°C Δ - ∇</p>	<p>T10 500kVA, 3ϕ 12,800 - 347/600V TYPE: ONAN IMP: 5.6% @ 85°C Δ - ∇</p>
<p>T5 225kVA, 3ϕ 12,800 - 347/600V TYPE: ONAN IMP: 5.22% @ 85°C Δ - ∇</p>	<p>T11 150kVA, 3ϕ 12,800 - 120/208V TYPE: ONAN IMP: 3.9% @ 85°C Δ - ∇</p>

LEGEND / LÉGENDE		 Public Works and Government Services Canada	Travaux publics et services gouvernementaux Canada												
	CURRENT TRANSFORMER / TRANSFORMATEUR DE COURANT	 National Capital Region Real Property Branch Operational Support Services Maintenance and Operational Assurance Région de la capitale nationale Direction générale des biens immobiliers Service de soutien aux opérations Entretien et assurance opérationnelle													
	DIGITAL METER / APPAREIL DE MESURE NUMÉRIQUE														
	FUSED DRAW-OUT POTENTIAL TRANSFORMER / TRANSFORMATEUR DE TENSION A FUSIBLE DÉBRANCHABLES														
	FUSED SWITCH / SECTIONNEUR À FUSIBLE														
	FUSE / FUSIBLE	Property of Propriété de													
	GROUND FAULT INTERRUPTOR / INTERRUPTEUR DE FUITE À LA TERRE														
	GROUND STUD / GOUDON DE MISE À LA TERRE														
	HIGH VOLTAGE BREAKER / DISJONCTEUR HAUTE TENSION DÉBRANCHABLE														
	HIGH VOLTAGE DRAW-OUT BREAKER / DISJONCTEUR HAUTE TENSION DÉBRANCHABLE	Electrical Support Unit For a copy of this drawing, or to report errors or changes to the distribution, call 819-775-4112 . Unité de soutien électrique Pour obtenir une copie du présent dessin ou pour signaler une erreur ou une modification à la diffusion, veuillez communiquer au 819-775-4112 .													
	KIRK KEY INTERLOCK – FULL DOT = NORMAL LOCATION OF KEY / VERROUILLAGE PAR SERRURE KIRK – POINT PLEIN = EMPLACEMENT NORMALE DE SERRURE														
	KILOWATT-HOUR METER / COMPTEUR DE KILOWATTHEURE														
	LIGHTNING ARRESTOR / PARAFODRE														
	LOAD BREAK SWITCH / SECTIONNEUR SOUS CHARGE	REVISION / RÉVISION													
	POTHEAD / BOÎTE D'EXTREMITÉ														
	ELECTRICAL PANEL / PANNEAU ÉLECTRIQUE														
	RELAY / RELAIS														
	STRESS CONE / CÔNE DE CONTRAINTE	<table><tr><td>Revision</td><td>14</td><td>Description</td><td>BLDG. # 6 UPDATE</td></tr><tr><td>Date</td><td>JAN./2007</td><td>Reviewed</td><td>S. MACMILLAN</td></tr><tr><td>Revision</td><td>15</td><td>Description</td><td>ARTIAL OUTDOOR S/G #1</td></tr></table>		Revision	14	Description	BLDG. # 6 UPDATE	Date	JAN./2007	Reviewed	S. MACMILLAN	Revision	15	Description	ARTIAL OUTDOOR S/G #1
Revision	14			Description	BLDG. # 6 UPDATE										
Date	JAN./2007			Reviewed	S. MACMILLAN										
Revision	15			Description	ARTIAL OUTDOOR S/G #1										
	ELBOW CONNECTION / BRANCHEMENT EN COUDE														
	BREAKER MODE POSITION 1. CLOSED 2. ISOLATED 3. GROUNDED / POSITION DU DISJONCTEUR 1. FERMÉ 2. ISOLÉ 3. MIS À LA TERRE														
	TRANSFORMER 600-120/208V UNLESS OTHERWISE NOTED / TRANSFORMATEUR 600-120/208 V, SAUF INDICATION CONTRAIRE														
	HIGH VOLTAGE POWER / ALIMENTATION HAUTE TENSION														
	NORMAL POWER / ALIMENTATION NORMALE														

REVISION/ REVISION			
Revision	14	Description	BLDG. # 6 UPDATE
Date		JAN./2007	
Revision	15	Description	ARTIAL OUTDOOR S/G #1
Date		AUG./2007	
Revision	16	Description	COMPLETE ELECTRICAL UPDATE
Date		AUG./2007	
Revision	17	Description	BUILDING 19 UPDATE
Date		MAY/2008	
Revision	18	Description	REMOVE HWY DRAWING REFERENCE
Date		AUG./2008	
Revision	19	Description	COMPLETE ELECTRICAL UPDATE
Date		APR./2011	
Revision	20	Description	COMPLETE UPDATE/ MISE A JOUR COMPLETE
Date		MAY/MAI 2011	
Revision		Description	
Date			

<h1>Central Experimental Farm</h1>	
<h2>1 Observatory Cres. Ottawa, Ontario</h2>	
Drawing Title	Titre du dessin
<h3>SINGLE LINE DIAGRAM ELECTRICAL DISTRIBUTION</h3>	
<h3>SCHEMA UNIFILAIRE DISTRIBUTION ELECTRIQUE</h3>	
Drawn by	Dessiné par
R. TENN	
Approved by	Approuvé par
L. BRASSARD	
Drawing no.	No. du dessin
<h1>EO-700-HP3</h1>	



Revision / Révision		
Revision	5	Description
AUG. 2001		EMERG. BLDG #88
Date		Reviewed R. ROY Revisé
Revision	6	Description
JUN. 2002		COMPLETE ELECTRICAL UPDATE
Date		Reviewed D. SULLIVAN Revisé
Revision	7	Description
JAN. 2004		COMPLETE ELECTRICAL UPDATE
Date		Reviewed S. MACMILLAN Revisé
Revision	8	Description
JUN. 2005		COMPLETE ELECTRICAL UPDATE
Date		Reviewed S. MACMILLAN Revisé
Revision	9	Description
AUG. 2008		COMPLETE ELECTRICAL UPDATE
Date		Reviewed D. VENTURA Revisé
Revision	10	Description
NOV. 2008		D.T.S. ADDED IN BLDG. #88
Date		Reviewed B. ROCHON Revisé
Revision	11	Description
APR./AVR. 2011		COMPLETE UPDATE / MISE A JOUR COMPLETE
Date		Reviewed E. MONGEON Revisé
Revision		Description
Date		Reviewed Revisé

SINGLE LINE DIAGRAM
ELECTRICAL
DISTRIBUTION

SCHEMA UNIFILAIRE
DISTRIBUTION
ÉLECTRIQUE

Drawn by	R. TENN	Dessiné par
Approved by	L. BRASSARD	Approuvé par
Drawing no.	EO-700-HP4	No. du dessin