



Pacific BioEnergy Prince George Limited Partnership
Application for Exemption Under Section 88 of the *Utilities Commission Act*

INFORMATION REQUEST NO. 1 TO PACIFIC BIOENERGY PRINCE GEORGE LIMITED PARTNERSHIP

1.0 Reference: APPLICATION FOR EXEMPTION TO BCUC AND WHY AN EXEMPTION IS WARRANTED
Exhibit B-1 (Application), pp. 2, 4, Appendix 1
Exemption

Pacific BioEnergy Prince George Limited Partnership's (PBLP) application for the exemption under section 88 of the *Utilities Commission Act*, dated December 15, 2020 (Application) on page 2 states:

Pacific BioEnergy Prince George Limited Partnership ("PBLP") hereby applies for an exemption under section 88 of the *Utilities Commission Act* (the "Act") from regulation as a public utility under Part 3 and section 71 of the Act in respect of the resale of electricity, supplied by BC Hydro to the NOS Substation located at 8546 Willow Cale Road in Prince George, British Columbia, to purchasers whose facilities are connected to the NOS Substation. The NOS Substation is currently owned by Canfor Forest Products Ltd. ("Canfor") and Commission Order G-141-15 providing similar relief to Canfor was issued August 27, 2015.

PBLP's Application includes British Columbia Utilities Commission (BCUC) Order G-141-15, dated August 27, 2015, as Appendix 1, which, among other things, exempts, Canfor from the requirements of Part 3 of the *Utilities Commission Act* (UCA) except for sections 25, 38, 42, and 43 for its NOS Substation distribution facilities used to supply electricity service to its customers. Order G-141-15 also exempts both Canfor and any person that receives energy from Canfor's NOS Substation distribution (NOS Substation Customers), from section 71 of the UCA provided the person is not re-selling energy to others.

1.1 Please confirm whether PBLP is requesting the same exemption granted to Canfor in BCUC Order G-141-15.

We confirm that PBLP is requesting exemption on the same terms as granted to Canfor in BCUC Order G-141-15. The draft order provided to the BCUC with the Application was a drafting oversight. A revised version of the draft order that mirrors the precise wording of BCUC Order G-141-15 is submitted to the BCUC with this IR response submission.

1.1.1 If PBLP is requesting the same exemption, please include specific explanations for why exemptions from sections 25, 38, 42, and 43 of the UCA are being requested.

Please refer to the response above. BC Order G-141-15 does not exempt Canfor from sections 25, 38, 42 and 43 of the UCA.

1.1.2 If PBLP is not requesting the same exemption, please explain why a different exemption is being sought.

We confirm that PBLP is requesting exemption on the same terms as granted to Canfor in BCUC Order G-141-15.

- 1.2 Please discuss whether sections 24, 39, 41, 52, 53, 54 and 71 of the UCA should be part of the exemption and if so, why such an exemption is warranted in each case.

We confirm that the exemption granted to Canfor in BCUC Order G-141-15 included exemptions from each of sections 24, 39, 41, 52, 53, 54 and 71 of the UCA and that PBLP is seeking the identical exemption as granted to Canfor. There has been no change in the circumstances that made it appropriate for the owner of the NOS Substation to be exempted from regulation on the terms specified in Order G-141-15 as recommended by the BCUC and approved by the Lieutenant Governor in Council. The only change is to the ownership of the NOS Substation, from Canfor to PBLP, and we submit that does not warrant a change to the terms of the exemption.

Section 24 – Commission must make examination and inquiries

The terms of the draft order, as amended, provide that PBLP is directed to provide an annual report within 90 days after fiscal year-end containing the information prescribed therein or as the BCUC may otherwise require. We submit that the BCUC will be provided pertinent information through this specific reporting requirement of the order and application of section 24 is not required.

Section 39 – No discrimination or delay in service

We submit that the obligations under Section 39 are not applicable to the NOS Substation. The NOS Substation is existing underutilized equipment with limited capacity that has been repurposed to supply power to a limited number of connected end users (currently four, one being PBLP). The concepts of application and entitlement to service are not applicable.

Section 41 – No discontinuance without permission

We submit that the protections provided by Section 41 are not applicable to the NOS Substation. The NOS Substation has been repurposed to provide a lower cost option for electricity supply to a limited number of connected end users. The NOS Substation is not a monopoly and is not intended to be operated as a public utility. There are contractual commitments in place that address the arrangements between the parties, including contract term, and further oversight is not required. Further, the application of section 41 would likely necessitate amendments to the existing contractual framework that is in place.

Sections 52, 53, 54 – Restraint on disposition; Consolidation, amalgamation and merger; Reviewable interests

We submit that the protections provided by Section 52-54 are not applicable to the NOS Substation. There are contractual commitments in place that address the arrangements between the parties and further oversight is not required. There were no such restrictions placed on Canfor, and no issues have arisen.

Section 71 – Energy supply contracts

We submit that the requirements of Section 71 are not applicable to the NOS Substation. Section 71 did not apply when Canfor and the end users entered into their contractual commitments respecting electricity supply through the NOS Substation, and those contracts

at 69 kilovolts. The capacity of the NOS Substation is approximately 15/20 MVA ONAN/ONAF (Air Cooled/Fan Cooled)

PBLP's Application on page 3 states: "PBLP, as a manufacturer with long-term production plans for its site in Prince George, intends to invest in the NOS Substation through various capital upgrades which will support continued service to all users."

PBLP's Application on page 3 provides allocated capacities to the NOS Substation Customers receiving electricity service as follows:

- PBLP – minimum of 7.5 MVA and up to 10 MVA
- Falcon Industrial Park Ltd. – up to 1 MVA
- Forland NCP Holdings Ltd. – up to 3 MVA
- Dollar Saver Lumber – up to 1.5 MVA.

2.1 Please provide, in confidence if necessary, a copy of the November 24, 2020 Purchase Agreement.

Enclosed, in confidence, is a copy of the executed Purchase Agreement for NOS Substation Assets dated as of November 24, 2020 between Canfor, PBLP and Pacific BioEnergy Corporation.

2.1.1 Please confirm the effective date of the November 24, 2020 Purchase Agreement.

We confirm that the enclosed Purchase Agreement for NOS Substation Assets is dated as of November 24, 2020. There are numerous conditions to be met prior to completion of the transaction and the closing date (which will be the effective date) thereunder has yet to be determined but the outside date for the closing of the transaction in the Purchase Agreement is April 30, 2021.

2.2 Please explain how PBLP intends to provide safe and reliable service to its customers. In the response, please discuss the resources available to PBLP to maintain the operation and management of the NOS Substation.

PBLP has employed the professional Electrical Engineering and High Voltage Maintenance services of MagnaIV Engineering. A maintenance plan will be developed and on a periodic basis a shut down will occur where components are cleaned, tested and replaced if required for correct and safe operation. Improvements noted by the maintenance team will feed into a capital upgrade plan. PBLP will have named representatives that communicate with Technical Safety BC and provide the NOS Substation Customer all activity, maintenance and documentation changes.

2.3 Please describe the capital upgrades PBLP intends to undertake at the NOS Substation, and provide a cost estimate of the intended capital upgrades and an estimate of when PBLP intends to carry out these upgrades. Please also discuss whether the capital upgrades will impact electricity service to NOS Substation Customers during construction.

There are currently two phases of capital upgrades planned. Phase A focuses on controls and construction of a new building. Inside will be modern, high speed protection relays. Phase B is comprised of the replacement of the current transformer for a new unit. It is currently anticipated that Phase A will cost approximately \$500,000 and be completed by September 2021 and Phase B will cost approximately \$1,000,000 and, dependent on timing of delivery of the transformer, be completed by September 2022. The interruptions of service in connection with the capital upgrades will be limited to four weekends over a 24-month period acknowledging that most customers run operations Monday to Friday. The final weekend of

installation is expected to be longer than two days requiring a Monday power outage but customers will have in excess of 12 months notice of such outage.

- 2.4 Please discuss the reasons for the intended capital upgrades. Please specifically identify whether PBLP is anticipating additional customers and/or higher loads.

There are no anticipated additional customers and no load increases planned by PBLP or, to the best of PBLP's knowledge, by the NOS Substation Customers. The reason for the capital upgrades is that MagnaIV Engineering, in pre-purchase due diligence completed on behalf of PBLP, observed during testing that the substation transformer has a risk of failure in a timeline inconsistent with PBLP's business principles. This issue cannot be fixed in situ so the solution was proposed by MagnaIV Engineering of procuring a replacement transformer. Due to MagnaIV also observing that the substation building and certain equipment does not meet modern standards it was deemed a sensible approach to replace these components.

- 2.4.1 If PBLP is anticipating additional customers, please discuss how many additional customers PBLP anticipates would take service from the NOS Substation and when PBLP anticipates service would begin to the additional customers.

PBLP has not entered into any discussions with and does not anticipate any additional customers.

- 2.4.2 Please explain how the costs of the intended capital upgrades will be recovered.

No recovery of costs will be sought in respect of the capital upgrades. These upgrades are warranted to protect against unplanned outages caused by potentially failing equipment. PBLP has decided to invest in these capital upgrades for its own account.

- 2.5 Please confirm whether PBLP has consulted with BC Hydro and the existing NOS Substation Customers regarding the intended upgrades.

- 2.5.1 If yes, please provide a summary of the feedback received.

PBLP is working with a Key Account Manager at BC Hydro. PBLP intends to ask BC Hydro to commence a System Impact Study for upgrade project on March 1, 2021. Once the impact study has been commenced PBLP will formally contact the NOS Substation Customers.

3.0

**Reference: BACKGROUND AND EXISTING ORDER
Exhibit B-1, p. 2
Status Updates**

PBLP's Application on page 2 states: "Communications between representatives of PBLP, Canfor and BC Hydro have commenced and we will provide updates on the status of communications with BC Hydro and the proposed assignment of the Electricity Supply Agreement between Canfor and BC Hydro dated October 1, 2014."

- 3.1 Please provide a status update on the assignment of the BC Hydro Electricity Supply Agreement. If the BC Hydro Electricity Supply Agreement has been assigned to PBLP, please provide a copy, in confidence if necessary.

PBLP's Key Account Manager with BC Hydro has advised that the current BC Hydro Electricity Supply Agreement held by Canfor will be reassigned to PBLP. This reassignment will be completed when PBLP receives BCUC UCA Section 88 exemption and the purchase of the NOS Substation is completed.

Electricity Supply Agreement:

The form of electricity supply agreement provides that each user pay its Pro Rata Share (as defined therein) of the Direct Service Costs (as defined therein) and Major Capital Expenditures (as defined therein). Direct Service Costs are comprised of; (i) day to day management and operations; (ii) ongoing maintenance and repair; and (iii) management and conduct of Major Capital Expenditures. There are provisions in in the agreement in respect of the calculation of the pro-rata share of a user and it based on the actual amount of electricity used in each service year. There are also provisions in the electricity supply agreement in respect of capital expenditures with payment also being based on Pro Rata Share.

Term Sheet:

The term sheet provisions are similar to the electricity supply agreement and provide that each user pay its Pro Rata Share (as defined therein) of the Direct Service Costs (as defined therein) and Major Capital Expenditures (as defined therein). Direct Service Costs are comprised of; (i) day to day management and operations; (ii) ongoing maintenance and repair; and (iii) management and conduct of Major Capital Expenditures. There are provisions in in the term sheet in respect of the calculation of the pro-rata share of a user and is based on the actual amount of electricity used in each service year. There are also provisions in the term sheet in respect of capital expenditures with payment also being based on Pro Rata Share.

We are advised that customer monthly invoices do not show calculation of amounts owing for capital and maintenance expenses. When there is a capital or maintenance expense a separate invoice is issued containing any calculations or costs that are passed onto end-users.

- 4.4 Please confirm whether the supply contracts include complaint and dispute resolution processes.

Both the electricity supply agreement and the term sheet contain complaint and dispute resolution processes, which are substantially similar, as described below:

- 4.4.1 If yes, please describe the terms.

Electricity Supply Agreement:

In accordance with Section 29 of the electricity supply agreement provided, all disputes arising out of or in connection with the electricity supply agreement shall be referred to and finally resolved by arbitration in accordance with the terms of Section 29.

Term Sheet:

The term sheet contains a mandatory arbitration provision.

- 4.4.2 If not, please explain why not, and how PBLP intends on addressing complaints in the absence of this provision.

Given the response above no response to this question is required.

- 4.5 Please explain the process in which customers are able to terminate service and the events that allow customers to do so.

These provisions are substantially similar under both the electricity supply agreements and the term sheets, which are summarized below.

Electricity Supply Agreement:

The user may terminate its obligations under the electricity supply agreement and commence supply directly from BC Hydro at its own cost of termination and connection on either: (a) 60 days written notice if the user intend to connect directly to the electricity supply of BC Hydro at its own cost; or (ii) upon 30 days written notice if Canfor (which will become PBLP following assignment) is in an uncured default following 30 days notice of the default.

Term Sheet:

The user may terminate its obligations under the term sheet and commence supply directly from BC Hydro at its own cost of termination and connection on either 90 days written notice if the user intend to connect directly to the electricity supply of BC Hydro at its own cost.

- 4.6 Please compare the rate customers are charged on an average billing cycle, including typical capital and maintenance charges, to what customers would be charged had they been direct customers of BC Hydro. Please provide a sample calculation.

Each NOS Substation Customer has made a business decision to take electricity service through the NOS Substation instead of the alternative of connecting directly to the BC Hydro system. The NOS Substation Customers have always had the option of leaving NOS Substation service on reasonable notice and connecting directly to BC Hydro if they wish to do so for any reason. In the case of PBLP (and we fully expect in the cases of the other NOS Substation Customers also) the key benefit of the NOS Substation service option is avoidance of the investment that would be required to connect with BC Hydro. We do not have a reasonable estimate of what those connection costs would be nor have we attempted to calculate what the effective all-in rate would be for service from BC Hydro, including the connection costs.

- 4.7 Please discuss, to the best of PBLP's knowledge, whether there have been any customer complaints regarding the supply of electricity since Canfor's exemption was granted by BCUC Order G-141-15, dated August 27, 2015.

There have been no material complaints made regarding the supply of electricity since Canfor's exemption was granted in 2015.

- 4.8 If there have been complaints, please describe the complaints, the resolution process and the outcome.

There have been no material complaints.

- 4.9 Please discuss, to the best of PBLP's knowledge, whether there have been any safety or reliability issues regarding the supply of electricity since Canfor's exemption was granted.

There has been no safety or reliability issues regarding supply of electricity since 2015. Every effort is made to schedule maintenance that may disrupt electricity supply during times that least impact to end-users and each end-user is notified well in advance of these planned events so preparations can be made for a loss of power at their property.

- 4.10 If there have been any safety or reliability issues, please describe what the safety or reliability issues were and how they were resolved.

PBLP's Application in Appendix 2, pages 19 to 20, PBLP provides the single line diagram of the NOS

Substation.

- 4.11 Please provide a copy of the single line diagram revised to clearly identify the point of demarcation between PBLP and each NOS Substation customer.

The revised single line diagram is included.

- 4.12 Please clarify the location of the metering for the Forland NCP Holdings Ltd. customer and the Falcon Industries customer.

Falcon Industrial and Falcon Contracting have separate meter configurations as follows:

Falcon Industrial has meters at:

- 1) Energy Plant***
- 2) Shop***
- 3) Parking Lot***

Falcon Contracting meter:

- 1) Office***

Since Forland NCP Holdings Ltd. had recently purchased this property from Canfor, a meter has not been installed. The monthly invoice for Forland NCP Holdings Ltd. is currently calculated by subtracting the usage from all the other customers from the BC Hydro substation invoice and the unallocated usage is assigned to Forland NCP Holdings Ltd. It is anticipated that a meter will be installed for Forland NCP Holdings Ltd. following completion of the acquisition of the NOS Substation.

- 4.13 Please discuss whether any of PBLP's assets with respect to its function as a public utility extend beyond the NOS Substation fence.

There will be no further wheeling of power outside of the NOS Substation fence.

- 4.13.1 If yes, please describe the extent of and location of these assets and provide a map if available.

Not applicable.

DRAFT ORDER

WHEREAS:

- A. Canadian Forest Products Ltd. (“Canfor”) is a customer of the British Columbia Hydro and Power Authority (“BC Hydro”), taking service under BC Hydro Rate Schedule 1823 at Canfor’s site located at 8546 Willowdale Road Prince George, British Columbia;
- B. Commission Order G-141-15 providing exemptive relief to Canfor was issued August 27, 2015;
- C. Canfor and Pacific BioEnergy Prince George Limited Partnership (“PBLP”) entered into a Purchase Agreement dated November 24, 2020 (the “Purchase Agreement”) in respect to the purchase and sale of, among other things, the NOS Substation;
- D. PBLP and three other parties with industrial facilities in the vicinity of the NOS Substation receive electricity service via the NOS Substation and distribution lines, and PBLP will continue to provide such service upon completion of the purchase of the NOS Substation;
- E. PBLP proposes to provide service via the NOS Substation to these industrial facilities and the contractual arrangements that Canfor had in place continue going forward following completion of the acquisition of the NOS Substation by PBLP as all of the current contractual arrangements (other than the supply agreement with PBLP as PBLP will be supplied as the owner albeit on the same terms) to which Canfor is a party will be assumed by PBLP but will otherwise be unchanged;
- F. Paragraph 24 of the BC Hydro Tariff Supplement No. 5 Electricity Supply Agreement prohibits the direct or indirect resale of electricity without the prior authorization of the Commission and notice to BC Hydro;
- G. By letter dated ●, 2021 BC Hydro indicated its support for PBLP’s proposed provision of service on the terms described;
- H. On December 15, 2020, PBLP filed an application (the “Application”) requesting that the Commission authorize the proposed resale of electricity and issue an order under section 88(3) of the *Utilities Commission Act* (the “Act”) exempting PBLP and its customers who do not resell energy from the requirements of Section 71 and PBLP for its distribution service from the NOS Substation to its customers from the requirements under Part 3, except for sections 25, 38, 42 and 43;
- I. Subsection 88(3) of the Act provides that the Commission may, on conditions it considers advisable, with the advance approval of the Lieutenant Governor in Council (“LGIC”), exempt a person, equipment or facilities from the application of all or any provisions of the Act;
- J. The Commission has considered the Application and is satisfied that an order, under section 88(3) of the Act, exempting PBLP and its customers who do not resell energy, from the requirements of section 71 and PBLP for its distribution service from the NOS Substation to its customers from the requirements under Part 3, except for sections 25, 38, 42 and 32, properly conserves the public interest;
- K. By Order in Council No. ● dated ● and attached as Appendix ● to this order, the LGIC has granted advance approval to the Commission to exempt PBLP and the NOS Substation customer from certain provisions of the Act for the purpose of and subject to the terms set out in the draft Commission order attached to the Order in Council.

NOW THEREFORE the Commission orders as follows:

1. Pursuant to section 88(3) of the Act, the Commission, having been granted advance approval by the LGIC, effective the date of this order:

- a. Exempts PBLP from the requirements of Part 3 of the Act except for section 25, 38, 42 and 43 for its NOS Substation distribution facilities used to supply electric service to its customers.
 - b. Exempts PBLP and any person that receives energy from PBLP's NOS Substation distribution facilities from section 71 of the Act provided the person is not re-selling energy to others.
 - c. The exemptions are subject to the conditions contained in directive 2.
2. The exemptions, granted pursuant to this order, shall remain in effect until further order of the Commission for reasons that may include the determination of any complaint the Commission receives from a person whose interests are affected.
 3. Pursuant to section 43, PBLP is directed to file an annual report within 90 days after fiscal year-end covering each exempted facility containing the information set out in Appendix I or as the Commission may otherwise require.
 4. Pursuant to Section 38, PBLP shall construct, operate and maintain its facilities referred to in directive 1 to ensure safe, reliable and adequate service.
 5. Pursuant to section 117(2), the Commission orders that the costs of the Commission, incidental to this proceeding and any future proceeding before it, are to be paid by Canfor in such amounts and proportions as the Commission may determine.

DATED at the City of Vancouver, in the Province of British Columbia, this ___ day of _____, 2021.

APPENDIX I

ANNUAL REPORTING REQUIREMENTS

A Report is required for the PBLP's NOS Substation
Distribution Lines supplying BC customers

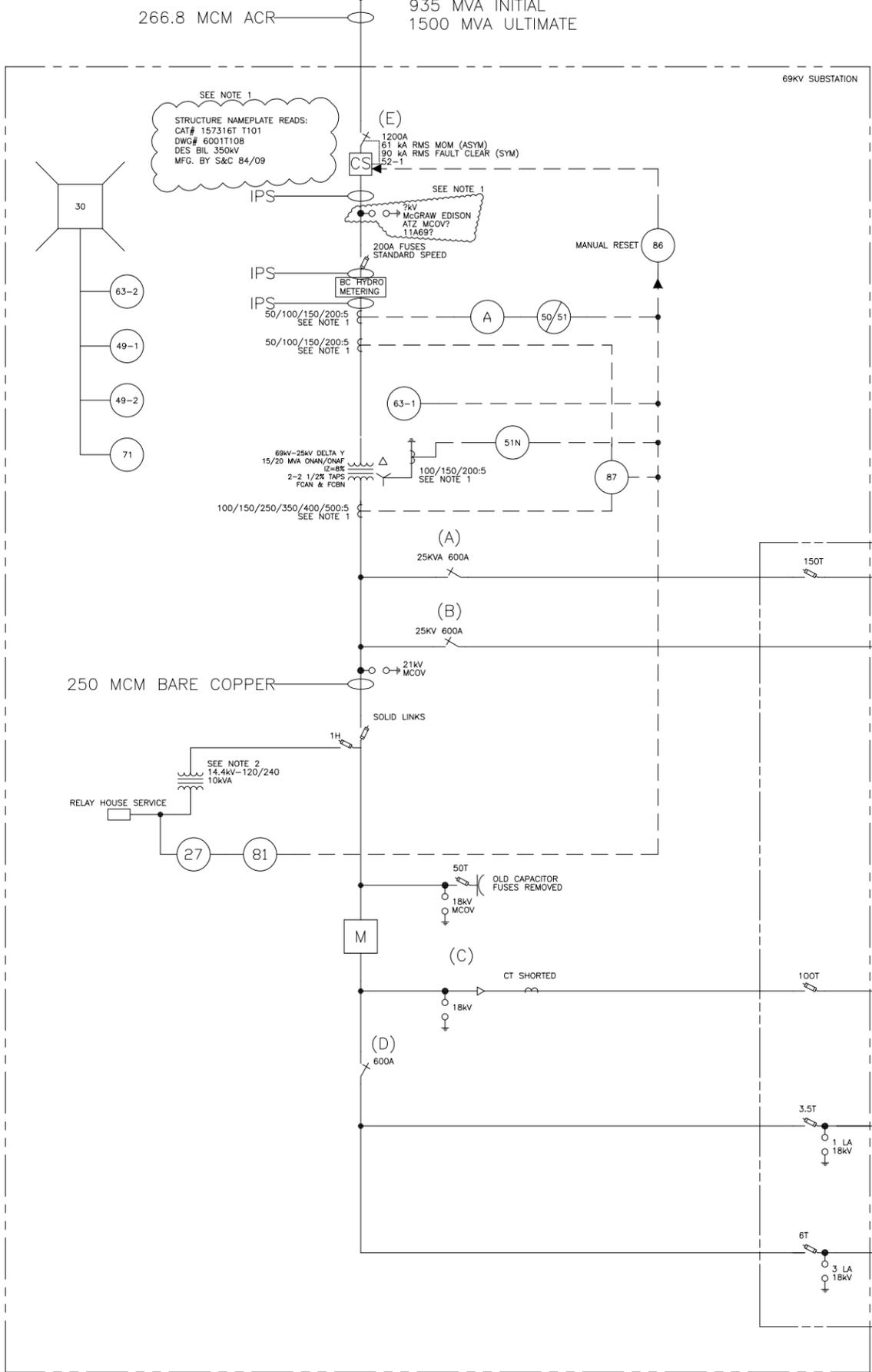
(Reports are to be filed within 90 days after fiscal year end)

Annual Submissions:

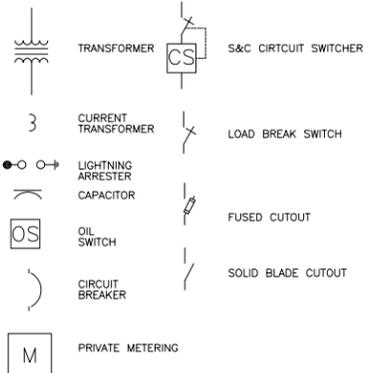
- Update of any changes to PBLP's NOS Substation Single Line Diagram and Map
- Customer names and addresses
- A copy of any permits received or obtained

BC HYDRO 69KV DISTRIBUTION
935 MVA INITIAL
1500 MVA ULTIMATE

DEVICE LIST AND SETTINGS



LEGEND



NOTES:
1. NOT VERIFIED

BREAKER NO.	RELAY			SETTING	INSTRUMENT TRANSFORMER ACCURACY/RATIO
	NO.	DESCRIPTION	TYPE		
52-1	50/51	OVERCURRENT	CWC CO-11	TAP=4A, TD=4, INST 66A	200/150/100/50:5 USE:150:5 ACC 2.5L 100 @ 200:5
	81	UNDERFREQ.	BASLER BE1-81	50hz??, 1 SEC DELAY	
	87	DIFFERENTIAL	CWC HU-4	LOW TAP=8.7 HIGH TAP=4.6A RESTRAINT 35%	PRIMARY 200/150/100/50:5 ACC 2.5L 100 @ 200:5 SECONDARY 500/400/350/250/150/100:5 USE: PRIMARY 200:5 SECONDARY 500:5
	51N	GROUND OVER CURRENT	CWC CO-11	TAP=4 TD=6 NO INST.	200/150/100:5 USE 150:5 ACC 2.5L 100
	63-1	SUDDEN PRESSURE			
	27	UNDERVOLTAGE	CWC CV1	TAP=120V TD=4	
SUBSTATION ALARMS	30	REMOTE ANNUNCIATOR	RONAN		
	49-1	LIQUID TEMP.			
	49-2	HOT SPOT			
	63-2	PRESSURE/VACUUM			
	71	LIQUID LEVEL			

SEE NOTE 1
STRUCTURE NAMEPLATE READS:
CAT# 157316T T101
DWG# 6001T108
DES BIL 350KV
MFG. BY S&C 84/09

SEE NOTE 1
1200A
61 kA RMS MOM (ASYM)
90 kA RMS FAULT CLEAR (SYM)
E-2-1

SEE NOTE 1
200A FUSES
STANDARD SPEED
MANUAL RESET 86

SEE NOTE 1
50/100/150/200:5
50/100/150/200:5

69KV-25KV DELTA Y
15/20 MVA ONAN/ONAF
E=H/6
2-2 1/2% TAPS
FCAN & FCBN
100/150/200:5
SEE NOTE 1

100/150/250/350/400/500:5
SEE NOTE 1

25KVA 600A
25KV 600A

21KV MCOV
SOLID LINKS

SEE NOTE 2
14.4KV-120/240
10kVA

50T
18kV MCOV
OLD CAPACITOR
FUSES REMOVED

CT SHORTED
18kV

600A

3.5T
1 LA
18kV

6T
3 LA
18kV

OVERHEAD → FORLAND NCP HOLDINGS LTD AND FALCON INDUSTRIES REFER TO DWG 13193-02-100B

OVERHEAD → PAC BIO PLANT

UNDERGROUND → 437218 BC Ltd DOLLAR SAVER LUMBER (NOM SAWMILL CASCADE) REFER TO DWG# 13193-02-100B

UNDERGROUND → 437218 BC Ltd DOLLAR SAVER LUMBER (PINNACLE PARKING LOT) REFER TO DWG# 13193-02-100B

UNDERGROUND → 437218 BC Ltd DOLLAR SAVER LUMBER (PINNACLE MAIN OFFICE) REFER TO DWG# 13193-02-100B

MILLTRON IS NOT RESPONSIBLE FOR THE ACCURACY OF THIS DRAWING. DRAWING IS BASED ON INFORMATION PROVIDED BY CUSTOMER, AND OLD DATA

C	09/16/20	UPDATED CUSTOMER NAMES	K.T.																
B	11/14/19	REVISION AND ADJUSTMENTS; ADDED DRAWING B	M.L.	E	02/22/21	ADDED POI LINE	K.T.												
A	06/09/14	ISSUED AS INFORMATION	M.M.	D	09/28/20	UPDATED CUSTOMER NAMES	K.T.												
REV	DATE	DESCRIPTION	BY	REV	DATE	DESCRIPTION	BY												

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DRN. M.M.
CHKD.
APPD.
SCALE NTS

CANFOR NORTHERN SPECIALTIES
SINGLE LINE DIAGRAM
AND DEVICE SETTINGS

DWG. No.
13193-02-100A

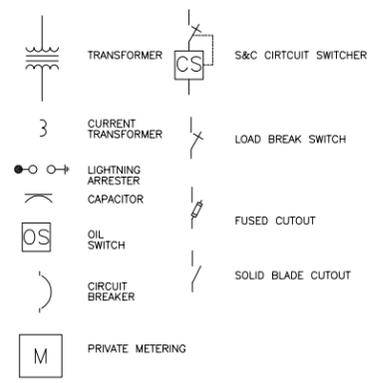
REV. **E**

DESTROY PRINTS BEARING PREVIOUS LETTER

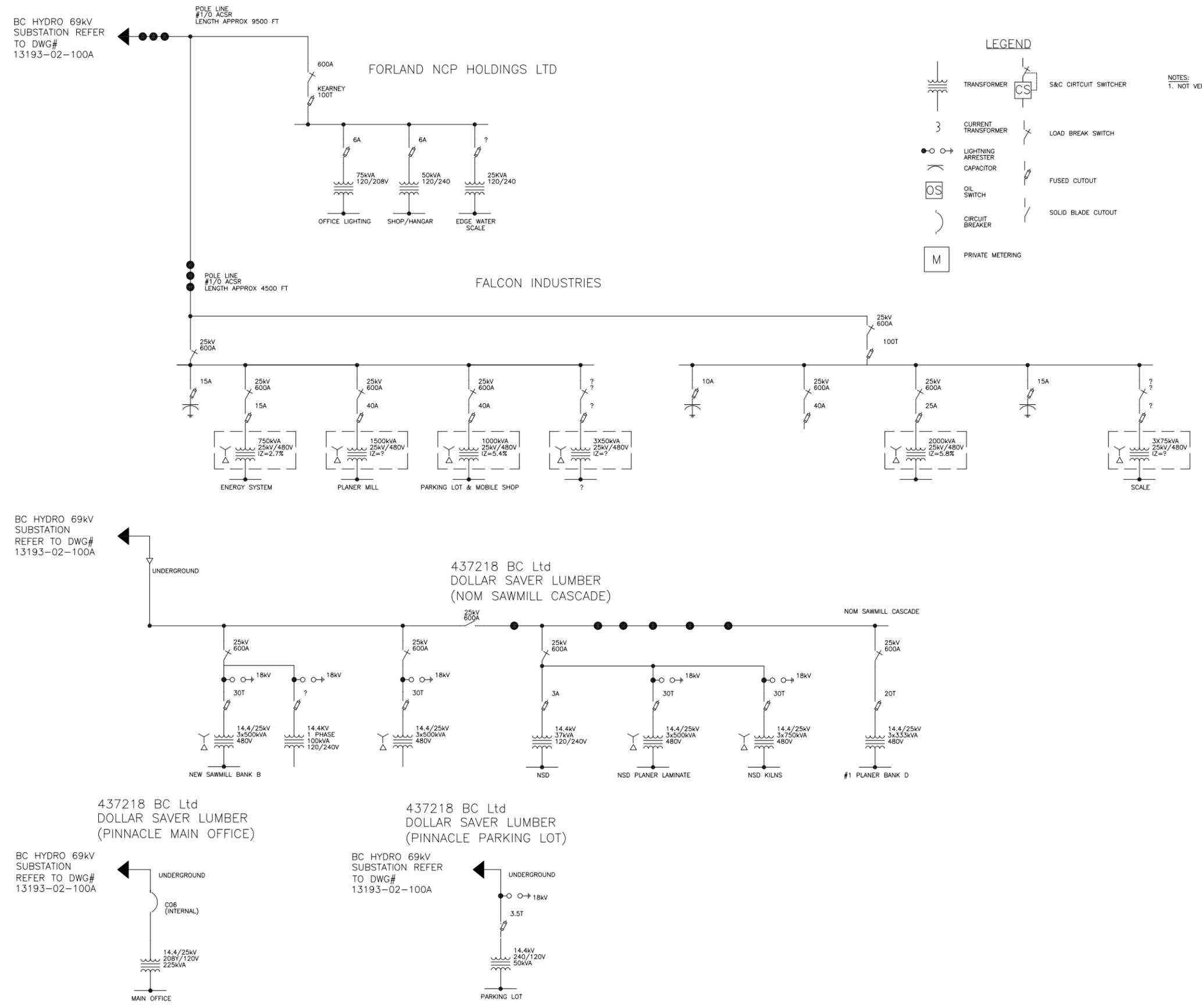
DEVICE LIST AND SETTINGS

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	51N	GROUND OVER CURRENT	CWC CO-11	TAP=4 TD=6 NO INST.	200/150/100:5 USE 150:5 ACC 2.5L 100
	63-1	SUDDEN PRESSURE			
	27	UNDERVOLTAGE	CWC CV1	TAP=120V TD=4	
	43	REMOTE CIRCUIT SWITCHER CONTROL SWITCH	CGE 10AA107		
	43-1	REMOTE CIRCUIT SWITCHER CONTROL SWITCH	CGE 10AA102		
SUBSTATION ALARMS	30	REMOTE ANNUNCIATOR	RONAN		
	49-1	LIQUID TEMP.			
	49-2	HOT SPOT			
	63-2	PRESSURE/VACUUM			
	71	LIQUID LEVEL			

LEGEND



NOTES:
1. NOT VERIFIED



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C	09/16/20	UPDATED CUSTOMER NAMES	K.T.																	
B	11/14/19	REVISION AND ADJUSTMENTS; ADDED DRAWING B	M.L.	E	02/22/21	ADDED POI LINE	K.T.													
A	06/09/14	ISSUED AS INFORMATION	M.M.	D	09/28/20	UPDATED CUSTOMER NAMES	K.T.													
REV	DATE	DESCRIPTION	BY	REV	DATE	DESCRIPTION	BY													



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CHKD.
APPD.
SCALE NTS

CANFOR NORTHERN SPECIALTIES
SINGLE LINE DIAGRAM
AND DEVICE SETTINGS

Dwg. No. **13193-02-100B**

REV. **E**

DESTROY PRINTS BEARING PREVIOUS LETTER