

FAX TRANSMITTAL SHEET

EAST COAST ELECTRICAL ASSOCIATES INC.

Formerly Jalbert Electric Inc.

P. O. Box 1281

Saco Maine 04072

Offices: Saco 282-1894

Gorham 839-2336

Waterboro 247-3355

Fax 247-0955

To: Mike Collins

Re: Auburn Terrace

Date: 3-26-99

Number of Pages 3

Comments: Here is a copy of the letter
I sent to Portland builders. The Contractor
agrees, however the ~~owner~~ owner ~~will~~ wants
to spend as little as possible and let the liability
rest on someone else.

From: Marcel Desusiers

Title: Mgr.

874-8716

East Coast Electrical Associates, Inc.
" Helping to light your way "

Formerly: Jalbert Electric Inc.
P.O. Box 1281
Saco, ME. 04072

Portland Builders
63 Federal St.
Portland, ME. 04101

Dear Harvey:

March 26, 1999

During the repair of the power outage at unit 42 the following issues were found. By law we are responsible to bring to the attention of the Electrical Inspector any and all safety issues found. Below is a list of problems and possible solutions.

Problems:

Unit 42:

- A) Screw through the back of the panel when cabinets were installed.
- B) 70 amp main breaker did not trip with a dead short.
- C) Screw melted and continued to arch, causing excessive current draw on cable. Once again breaker did not trip.
- D) Neutral and ground wires made up on same busbar.
- E) Busbar grounded with # 10 wire with copper wire arching through the paint.
- F) 70 amp main breaker "burnt" had signs of overheating causing discoloration of breaker.
- G) 70 amp main breaker "fused/welded" to busbar in meter pack.

The wire that was cut:

- A) Carpenter sawzalls through wire melting blade but main breaker does not trip.
- B) 70 amp main breaker "burnt". Shows signs of overheating.
- C) Arching continued through open cut and still not tripping main breaker.

All buildings:

- A) 70 amp main breakers show signs of discoloration and overheating due to over current draw and main breakers not tripping.
- B) Many 70 amp main breakers are literally falling apart in pieces.
- C) Corrosion throughout all meter packs and busbars.
- D) Neutral and ground wires are on the same busbar in all sub panels.
- E) Sub panels not bonded properly.

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F) Other main breakers (fused/welded) to meter pack busbars.


Proposed Solutions:

- A) Install new service meter packs and breakers.
- B) Test insulation on SER feeder cables to insure insulation has not deterioration due to corrosion and excessive amperage,
(replace as necessary) log results of each cable.
- C) rewire sub panels to separate neutral and ground wires as required by N.E.C.
- D) Remove existing bond wire and bond per N.E.C. regulations.

This is what I have found. As I stated at the meeting on 3/25/99 there are significant safety and liability issues. These issues require me to bring them to the attention of the Electrical Inspector. For instance when we smelt the SER cable burning and the main breaker not tripping. Now that I am aware I have to bring it to the attention of authorities to safeguard the people and protect this company lawsuits should a fire start and people are injured or die.

should you have any questions please feel free to call.

Sincerely,



Marcel Desrosiers
Mgr.

cc: Mike Collins (Electrical Inspector)