

PROVINCE OF BRITISH COLUMBIA
Ministry of Justice
Emergency Management BC / Office of the Fire Commissioner

FIRE REPORT - STRUCTURE

INCIDENT NUMBER: **DEL 2014 06 02 07 01**

Location of Incident: **2500 A BALMER DRIVE
ELKFORD BC V0B1H0**

of Occupants (At time of fire): **0** # of Injured: **0** # of Deaths: **0** Total Dollar Loss Estimate: **\$2,500,000**

Related to Wildland Interface Fire: **NO** Property Value: **\$12,563,000** Content Value: **\$3,500,000** Total Value at Risk: **\$16,063,000**

Code Name : Code Description

PROPERTY COMPLEX : 1300 EDUCATIONAL INSTITUTION (NON-RESIDENTIAL)
PROPERTY CLASSIFICATION : 3610 SCHOOL, COLLEGE OR UNIVERSITY DORMITORY
GENERAL CONSTRUCTION : 4000 NON-COMBUSTIBLE CONSTRUCTION - EXPOSED STEEL
BUILDING HEIGHT : 0020 2 STORIES ABOVE GRADE
GROUND FLOOR AREA : 5000 2501 TO 5000M2 (26911 - 53820FT2)
YEAR OF CONSTRUCTION : 1981 1981
MANUAL FIRE PROTECTION : 4000 EXTINGUISHER ONLY
OUTSIDE FIRE PROTECTION : 1000 PUBLIC HYDRANT PROTECTION & FIRE DEPARTMENT
SPRINKLER PROTECTION : 1000 COMPLETE SPRINKLER PROTECTION - SUPERVISED (ON-SITE OR OFF-S
AUTOMATIC FIRE ALARM SYSTE : 3000 FIRE ALARM SYSTEM - OFF-SITE MONITORING AGENCY
SMOKE ALARM OPERATION : 9900 NO SMOKE ALARM INSTALLED
INITIAL DETECTION : 7000 VISUAL SIGHTING OR OTHER MEANS OF PERSONAL DETECTION (E.G. S
TRANSMISSION OF ALARM : 1000 911
FIRE SERVICE : 2000 VOLUNTEER/PAID-ON-CALL FIRE DEPARTMENT ONLY
INCIDENT : 1000 FIRE - FIRE DEPARTMENT ATTENDED
ACTION TAKEN : 2000 BURNED OUT - NO EXTINGUISHMENT ATTEMPTED/NEEDED
METHOD OF FIRE CONTROL : 8900 BURNED OUT - UNCLASSIFIED (DESCRIBE)
FIRE ORIGIN, LEVEL : 3000 GROUND FLOOR, GRADE LEVEL OR GRADE TO 3M (10FT)
FIRE ORIGIN, AREA : 2000 4 OR MORE AREAS OF ORIGIN (DESCRIBE LOCATIONS)
EXTENT OF FIRE : 1000 CONFINED TO OBJECT OF ORIGIN
EXTENT OF DAMAGE : 3000 CONFINED TO ROOM OF ORIGIN
IGNITING OBJECT : 2900 HEATING EQUIPMENT - UNCLASSIFIED (DESCRIBE)
FUEL OR ENERGY : 6000 ELECTRICITY
FORM OF HEAT : 0009 FORM OF HEAT - UNCLASSIFIED (DESCRIBE)
MATERIAL FIRST IGNITED : 7300 PLASTICS - (EXCLUDES CELLULOSE NITRATE CLASSIFIED UNDER 720.
ACT OR OMISSION : 4400 ELECTRICAL SHORT CIRCUIT

Investigating Officer LAFC Badge #
KORTMEYER, COREY 2453

Telephone ReportDate
250-865-4000  2014-09-05

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FIRE REPORT - **STRUCTURE**
(PRODUCT/EQUIPMENT)
INCIDENT NUMBER: **DEL 2014 06 02 07 01**

LOG #	: 170789		
ITEM TYPE	: HEATER, OIL FILLED ELECTRIC		
ITEM DESCRIPTION	:		
MAKE	: CHANGE AIR - FRESHMAN SERIES	CERT. AGENCY1	: KIMCO CONTROL LTD
MODEL	: CAH 1000A NA VPS DD	CERT. AGENCY2	:
YEAR	:	CERT. AGENCY3	:
LICENSE NO.	:	CERT. AGENCY4	:
SERIAL NO.	: 3116 0257F	CERT. AGENCY5	:
MAKE	: CHANGE AIR - FRESHMAN SERIES		

COMMENTS :

12 OF THE 13 HVAC SYSTEMS WERE DAMAGED BY FIRE. THE UNITS WERE NUMBERED FROM V1 - V13. HVAC - V2 WAS UNDAMAGED - I USED THIS UNIT TO SUPPLY THE INFORMATION NOTED ABOVE

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FIRE REPORT - **STRUCTURE** (NARRATIVE)

INCIDENT NUMBER: **DEL 2014 06 02 07 01**

Remarks:

THERE MAY HAVE BEEN A CHANGE IN ELECTRICAL DELIVERY TO THE BUILDING THE ON MAY 31, 2014 AND JUNE 1, 2014. THIS POTENTIAL CHANGE IN ELECTRICAL SERVICE MAY HAVE OVER LOADED THE SCM FREQUENCY INVERTER (S) WHICH CAUSED FIRES IN 12 OF THE 13 HVAC SYSTEMS. HVAC SYSTEM(S) (INSTALLED IN APRIL 2007) O V1 ? ROOM 136 ? 2 SCM FREQUENCY INVERTER(S) FAILED O V2 ? ROOM 141 ? UNAFFECTED O V3 ? ROOM 142 ? 1 SCM FREQUENCY INVERTER(S) FAILED O V4 ? ROOM 137 - 1 SCM FREQUENCY INVERTER(S) FAILED O V5 ? ROOM 145 - 2 SCM FREQUENCY INVERTER(S) FAILED O V6 ? ROOM 135 - 2 SCM FREQUENCY INVERTER(S) FAILED O V7 ? ROOM 132 - 1 SCM FREQUENCY INVERTER(S) FAILED O V8 ? ROOM 131 - 2 SCM FREQUENCY INVERTER(S) FAILED O V9 ? ROOM 124 - 1 SCM FREQUENCY INVERTER(S) FAILED O V10 ? ROOM 152 - 1 SCM FREQUENCY INVERTER(S) FAILED O V11 ? ROOM 149 - 2 SCM FREQUENCY INVERTER(S) FAILED O V12 ? ROOM 148 - 2 SCM FREQUENCY INVERTER(S) FAILED O V13 ? ROOM 128 - 2 SCM FREQUENCY INVERTER(S) FAILED IN TOTAL 19 OF 26 SCM FREQUENCY INVERTERS FAILED CAUSING AN ELECTRICAL FIRE WITHIN THE 12 COMPARTMENTALIZED HVAC UNITS AND ONLY ONE HVAC UNIT WAS NOT AFFECTED BY FIRE (V2 ? ROOM 141). SMOKE WAS SPREAD THE ENTIRE SCHOOL AS A RESULT OF THESE 12 COMPARTMENTALIZED FIRES.

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FIRE REPORT - **STRUCTURE** (NAMES)INCIDENT NUMBER: **DEL 2014 06 02 07 01**

Name no. : 1
Name : PROVINCE OF BC , PROVINCE OF BC
Address :
ELKFORD BRITISH COLUMBIA

Name Status : BUSINESS OCCUPANT
Phone :

Claims Adjuster Name :
Claims Adjuster Firm :
Claim Number :
Insurance Company :
Policy Number :

LOSS ESTIMATES:

Property Loss : \$1,250,000

Content Loss : \$1,250,000

Total Loss : \$2,500,000

REMARKS:

LOSS AMOUNTS ARE ONLY APPROXIMATE WITH CONVERSATIONS WITH CONTRACTORS IN PLACE FOR REPAIRS

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