

St. Paul, Minn., December 16, 1927.


Mr. L. W. Hill, Chairman,
Board of Directors.

Dear Sir: -

For your information I am sending you herewith
copy of fire inspection report made of properties owned
by the Glacier Park Hotel Company and the Canadian Rockies
Hotel Company, Ltd.,

A copy of this report has been sent to Mr. H.A.
Noble and I will arrange to follow to conclusion the various
recommendations contained therein.

Yours truly,


Comptroller.

AIB.5.

INSURANCE REPORT

ON PROPERTY OF

GLACIER PARK HOTEL COMPANY

and

CANADIAN ROCKIES HOTEL COMPANY

LOCATION

GLACIER PARK, MONTANA

and

WATERLOO LAKES PARK, ALBERTA, CANADA.

DATE

August 13-19, 1927.

MADE BY

ALEXANDER & ALEXANDER, INC.

BALTIMORE, MD.

NEW YORK, N. Y.

TULSA, OKLAHOMA.

CLARKSBURG, W. VA.

GLACIER PARK HOTEL CO. AND CANADIAN ROCKIES HOTEL COMPANY

GLACIER PARK, MONTANA

and

, WATERTON LAKES PARK, ALBERTA, CANADA.

August 13-19, 1927.

H. W. Chinn, Insp'r.

ASSURED GLACIER PARK HOTEL CO. AND CANADIAN ROCKIES HOTEL CO.PROPERTY GLACIER PARK, MONTANA AND ALBERTA, CANADA. (WATERTON LAKES PARK)SUMMARY

These hotel properties are owned and operated by the Glacier Park Hotel Company and the Canadian Rockies Hotel Company for a three months period from June 15th to September 15th, each season.

The hotels are all frame, mainly constructed of logs, with large lobbies in the center extending to roof and sleeping rooms opening on balconies around same. Roofs are frame, extending out over large porches and balconies and overhanging walls from three feet to five feet on other portions of buildings. Walls are covered with heavy weatherboarding outside and plastered inside. Chimneys are large, well constructed of stone.

Buildings are heated by steam, open fireplaces and wood stoves in part. *Remove ?*

Electricity for lighting and other purposes is furnished by Diesel oil engine operated generators, hydro-electric generators and one gasoline engine operated generator.

Major portions of properties are covered by watchman with approved clock, during open season.

Glacier Park Hotel at the entrance is the only one adjacent to the railroad, and in case of replacement of properties at other locations, materials would have to be hauled from the following points:

| | |
|----------------------|-----------------------------------------------------------------------------------------|
| Many Glacier Hotel - | 55 Mile haul from Glacier Park entrance (G.N.Railroad) |
| St. Marys - | 33 Mile haul from Glacier Park entrance (G.N.Railroad) |
| Prince of Wales - | 45 Mile haul from Cardson, Canada (Can.Pac.Railroad) |
| Going to Sun - | 12 Miles by boat from St. Marys - 33 Mile haul to Glacier Park entrance. (G.N.Railroad) |

The properties were found to be in good condition as to general maintenance, fire protection and cleanliness.

GLACIER PARK HOTEL (CAMP NO. 1)OUTSIDE FIRE PROTECTION

Water supply comes from river, with 190' head, 14" main down to 4" at outside 2½"-twoway hydrants, having approximately 80 lbs. pressure.

ASSURED GLACIER PARK HOTEL CO. AND CANADIAN ROCKIES HOTEL CO.

PROPERTY GLACIER PARK, MONTANA AND ALBERTA, CANADA. (WATERTON LAKES PARK)

There are three hose reels on wheels on premises: One in basement of hotel with 500' - 2½" C.R.L. hose; One at Chalet, with 500' - 2½" C.R.L. hose, and 600' of extra hose and one at store office with 500' - 2½" C.R.L. hose. The two frame garages are not protected by these fire hydrants. 1610/10

WATCHMAN SERVICE

Hourly rounds are made by watchman at night with approved Newman clock, covering premises during open season. There are at least three men on premises during closed season, and watchman makes rounds every 1½ hours, but does not enter building.

FIRE BRIGADE

Fire drills are held weekly, and all employes are instructed as to their respective duties in case of fire.

HOTEL BUILDING

CONSTRUCTION: Wood log, walls plastered inside, wood shingle roof.

LIGHTING: Electric, conduit and open wiring.

HEAT: Steam, open fireplaces and camp fire in lobby, on concrete floor with adjustable metal hood.

Moving picture booth on second floor balcony, frame asbestos lined, automatic vent through ceiling, Powers approved projection machines.

Hotel cut off from annex at enclosed sun parlor by vertical automatic rolling steel fire door.

INSIDE FIRE PROTECTION

FIRE HOSE: Basement - 3 outlets, 2 with 50'-1½" unlined linen hose and 1 with 50'-1½" C.R.L. hose.

1st Floor- 2 outlets, each with 50'-1½" linen hose.

2nd Floor- 2 outlets, each with 50'-1½" linen hose.

3rd Floor- 4 outlets, each with 50'-1½" linen hose.

EXTINGUISHERS:

Basement - 6-2½ gal. soda acid and 1-1 qt. Pyrene.

1st Floor- 7-2½ gal. soda acid and 1-1 qt. Pyrene.

2nd Floor- 7-2½ gal. soda acid and 2-1 qt. Pyrenes in moving picture booth balcony.

3rd Floor- 10 2½ gal. soda acid extinguishers.

Enclosed Sun Parlor - 2-2½ gal. soda acid ext.

Outside porches - 5-2½ gal. soda acid ext. first and second floors.

ASSURED GLACIER PARK HOTEL CO. AND CANADIAN ROCKIES HOTEL CO.
PROPERTY GLACIER PARK, MONTANA AND ALBERTA, CANADA. (WATERTON LAKES PARK)

ROOF SPRINKLERS: Roof protected by manual sprinklers, with 4" to 1" piping, operated by valves in basement. No sprinklers on enclosed Sun Parlor connecting hotel and amex, 75' long.

HOTEL ANNEX

CONSTRUCTION: Same as Hotel.
LIGHTING: Electric, conduit and open wiring.
HEAT: Steam and open fireplaces.

INSIDE FIRE PROTECTION

FIRE HOSE: Basement- 3 outlets, each with 50'-1½" C.R.L.hose.
1st, 2nd, 3rd & 4th Floors-Each have two outlets, with 50' of 1½" unlined linen hose at each outlet.

EXTINGUISHERS:
Basement - None, X
1st, 2nd, 3rd & 4th Floors-Each have five 2½ gallon soda acid extinguishers.

ROOF SPRINKLERS:
Roof protected by manual sprinklers, with 4" to 1" piping, operated by valves in basement.

CHALET

(EMPLOYEES QUARTERS AND CLOTHES CLEANING AND PRESSING IN BASEMENT)

CONSTRUCTION: Frame, shingle roof.
LIGHTING: Electric.
HEAT: Steam and open fireplaces.

INSIDE FIRE PROTECTION

EXTINGUISHERS:
Basement - 1-2½ gallon soda acid extinguisher.
1st and 2nd Floors-Each 2-2½ gal. soda acid ext.
3rd Floor- 1-2½ gallon soda acid extinguisher.

EMPLOYEES DORMITORIES (ONE STORY)

CONSTRUCTION: Frame, shingle roofs.
LIGHTING: Electric.
HEAT: Steam.

INSIDE FIRE PROTECTION

Dormitories Nos. 1, 2 and 4, each have two outlets, each with 50' of 1½" linen hose.
Dormitory No. 3 has two outlets each with 50'-1½" C.R.L. hose.
Each dormitory has two 2½ gal. soda acid extinguishers.

ASSURED GLACIER PARK HOTEL CO. AND CANADIAN ROCKIES HOTEL CO.
PROPERTY GLACIER PARK, MONTANA AND ALBERTA, CANADA. (WATERTON LAKES PARK)

BOILER ROOM AND LAUNDRY (ONE STORY)

CONSTRUCTION: Frame, asphalt prepared roof.
LIGHTING: Electric.
HEAT: Steam.

Boiler room is cut off from laundry by 12" brick wall, no openings.
Laundry contains electric and steam operated machinery. Boiler room has fuel oil heated boilers, supplied by gravity from 500 gallon elevated steel tank in building, burners drain back to 1,000 gallon steel tank underground outside. Main supply, 25,000 gallon steel tank underground approximately 1200' away.

INSIDE FIRE PROTECTION

FIRE HOSE: 4 outlets, each with 50'-1½" C.R.L. hose.

GENERAL STORE (ONE STORY)

CONSTRUCTION: Frame, shingle roof.
LIGHTING: Electric.
HEAT: Coal stove, brick chimney.

INSIDE FIRE PROTECTION

FIRE HOSE: 1 outlet inside with 50'-1½" linen hose, one outlet outside with 50'-1½" C.R.L. hose.
EXTINGUISHERS:- 4 - 2½ gallon soda acid extinguishers.

STORE OFFICE (ONE STORY)

CONSTRUCTION: Frame, shingle roof.
LIGHTING: Electric.
HEAT: Coal stove, brick chimney.

INSIDE FIRE PROTECTION

EXTINGUISHERS:- 1 - 2½ gallon soda acid extinguisher.

POWER PLANT (ONE STORY)

CONSTRUCTION: Frame, shingle roof.
LIGHTING: Electric.
HEAT: None.

Power Room: 120 H.P. Fairbanks Morse Diesel oil engine, electric generator, 6,000 gal. fuel oil tank 35' away from building and small supply tank outside. Turbine generator for emergency use.

INSIDE FIRE PROTECTION

EXTINGUISHERS:- 1 - 1 qt. Pyrene extinguisher.

ASSURED GLACIER PARK HOTEL CO. AND CANADIAN ROCKIES HOTEL CO.
PROPERTY GLACIER PARK, MONTANA AND ALBERTA, CANADA. (WATERTON LAKES PARK)

GARAGE (ONE AND TWO STORY)

(Small second floor rear used for employes quarters)

CONSTRUCTION: Frame, asphalt prepared roof.
LIGHTING: Electric.
HEAT: None, small heating plant in building but not used.

Small amount of repairing and usual garage hazards.
Cars owned by Transportation Company, operating bus service through park.
Small second floor rear used as chauffers sleeping quarters.
560 gallon gasoline tank underground approximately 75' from building, with approved Gilbert & Barker pump.

NO OUTSIDE FIRE PROTECTION

INSIDE FIRE PROTECTION

EXTINGUISHERS: 1 - 2½ gallon soda acid extinguisher 1st floor.

GARAGE (ONE STORY)

(Storage and washing cars only)

CONSTRUCTION: Frame, asphalt prepared roof.
LIGHTING: Electric.
HEAT: None.

NO INSIDE FIRE PROTECTION

RECOMMENDATIONS

The following recommendations are suggested for the improvement of fire protection facilities:

HOTEL BUILDING

1. All extension electric light wiring should be examined and installed in a standard manner, wiring at present in contact with woodwork in lobby, photo developing room and beauty parlor in basement.
2. Extinguishers should be recharged where necessary.
3. Additional extinguishers should be provided as follows:
2 - 1 qt. carbon tetra-chloride extinguishers in photo developing room in basement, 1 - 2½ gallon soda acid extinguisher on outside wall of locker room in plunge in basement and 2 - 2½ gallon soda acid extinguishers in rear of news stand first floor.
4. "No Smoking" sign should be posted in stationery storage room in basement.

ASSURED GLACIER PARK HOTEL CO. AND CANADIAN ROCKIES HOTEL CO.PROPERTY GLACIER PARK, MONTANA AND ALBERTA, CANADA. (WATERTON LAKES PARK)

5. Fir trees should be removed from lobby.
6. Open spaces under heavy log columns in lobby should be filled in with some fireproof material.

HOTEL ANNEX

7. Electric drop lights from ceiling in basement should be provided with porcelain rosettes.
8. A metal clad automatic fire door should be installed on doorway to paint room in basement.
9. 1 - 2½ gallon foamite extinguisher should be installed in paint room in basement.
10. 6 - 2½ gallon soda acid extinguishers should be installed in storage section of basement.
11. Storage section of basement should be cleaned up and all unnecessary accumulation removed. ✓

CHALET

12. The five gallon can of gasoline used in basement for clothes cleaning should be kept outside of building and used from an approved metal can. ✓ *W.C. ...*

EMPLOYEES DORMITORIES

13. The use of pressing irons (electric) in employes rooms should be prohibited. ✓ *smoking?*

BOILER ROOM & LAUNDRY

14. 2 - 2½ gallon foamite extinguishers and two 2½ gallon soda acid extinguishers should be installed in laundry.

GENERAL STORE

15. The 50'-1½" unlined linen hose in building which has been used should be replaced, and kept for fire purposes only.

POWER PLANT

16. "No Smoking" signs should be posted on wall.
17. 1 - 2½ gallon foamite extinguisher should be installed.
18. 2 additional one quart carbon tetra-chloride extinguishers should be installed.

GARAGES

19. Would recommend that three fire hydrants with 2½" - twoway connections be installed for the protection of these garages, one located at a point 75' north of repair building and 75' east of car storage building, one located 75' south of repair building, across road and one located 75' west of car storage building. Each hydrant should be provided with hose house containing 150' - 2½" C.R.L. hose.

ASSURED GLACIER PARK HOTEL CO. AND CANADIAN ROCKIES HOTEL CO.
PROPERTY GLACIER PARK, MONTANA AND ALBERTA, CANADA (WATERTON LAKES PARK)

REPAIR GARAGE

20. Electric light fuse and switch box second floor should be provided with door and lined with asbestos.
21. "No Smoking" signs should be posted throughout building and this rule rigidly enforced.
22. 8 - 2½ gallon foamite extinguishers should be installed at convenient locations on first floor and three 2½ gallon soda acid extinguishers on second floor.

AUTO STORAGE GARAGE

23. 3 - 2½ gallon foamite extinguishers and three 2½ gallon soda acid extinguishers should be installed at convenient locations in this building.

MANY GLACIER HOTEL (CAMP NO. 8)

OUTSIDE FIRE PROTECTION

Water supply from lake with Fairbanks Morse electric fire pump, approximately 580 gallons per minute, 6" suction from lake to 70,000 gallon elevated tank. 12" main down to 4" at nine outside 2½"-twoway hydrants, having approximately 75 lbs. pressure.

There are three hose reels on wheels at present located together in hose house at south end of hotel, each with 300' - 2½" C.R.L. hose. 50' - 2½" C.R.L. hose is also located in hose house at each hydrant and wrenches in each hose house. Ajax chemical extinguisher on wheels located in hose reel house.

WATCHMAN SERVICE

Hourly rounds are made by watchman at night with approved Newman clock, covering hotel and dormitory only, during open season. There are at least two men on premises during closed season and watchman makes rounds but does not use clock.

FIRE BRIGADE

Fire drills are not held, but all employes are instructed as to their respective duties in case of fire. ✓

ASSURED GLACIER PARK HOTEL CO. AND CANADIAN ROCKIES HOTEL CO.PROPERTY GLACIER PARK, MONTANA AND ALBERTA, CANADA. (WATTETON LAKES PARK).HOTEL AND OLD AND NEW ANNEXES

CONSTRUCTION: Wood log, walls plastered inside, Johns-Man-ville asbestos shingle roof.
LIGHTING: Electric, conduit and open wiring.
HEAT: Steam, open fireplaces and camp fire in lobby and in basement, on concrete floors with ad-justable metal hoods. Franklin wood stoves in several rooms.

Remove all

INSIDE FIRE PROTECTIONHOTEL BUILDING

FIRE HOSE: Ground floor-3 outlets each with 100'-1 $\frac{1}{2}$ " linen hose.
1st Floor - 4 outlets each with 50'-1 $\frac{1}{2}$ " linen hose.
2nd Floor - 3 outlets each with 100'-1 $\frac{1}{2}$ " linen hose.
3rd Floor - 2 outlets each with 100'-1 $\frac{1}{2}$ " linen hose.
4th Floor - 3 outlets each with 100'-1 $\frac{1}{2}$ " linen hose.

EXTINGUISHERS:
Ground floor-4-2 $\frac{1}{2}$ gallon soda acid extinguishers.
1st Floor - 7-2 $\frac{1}{2}$ gallon soda acid and 2-1 qt. Pyrenes.
2nd Floor - 4-2 $\frac{1}{2}$ gallon soda acid extinguishers.
3rd Floor - 4-2 $\frac{1}{2}$ gallon soda acid extinguishers.
4th Floor - 3-2 $\frac{1}{2}$ gallon soda acid extinguishers.

OLD ANNEX

FIRE HOSE: Ground Floor-3 outlets each with 100'-1 $\frac{1}{2}$ " linen hose.
1st Floor - 2 Outlets each with 100'-1 $\frac{1}{2}$ " linen hose.
2nd Floor - 3 Outlets each with 100'-1 $\frac{1}{2}$ " linen hose.
3rd Floor - 2 Outlets each with 100'-1 $\frac{1}{2}$ " linen hose.
4th Floor - 2 Outlets each with 100'-1 $\frac{1}{2}$ " linen hose.

EXTINGUISHERS:
Ground Floor-5-2 $\frac{1}{2}$ gallon soda acid extinguishers.
1st Floor - 4-2 $\frac{1}{2}$ gallon soda acid extinguishers.
2nd Floor - 4-2 $\frac{1}{2}$ gallon soda acid extinguishers.
3rd Floor - 3-2 $\frac{1}{2}$ gallon soda acid extinguishers.
4th Floor - 3-2 $\frac{1}{2}$ gallon soda acid extinguishers.

NEW ANNEX

FIRE HOSE: Ground Floor-1st, 2nd, 3rd and 4th Floors-Each have two outlets with 50'-1 $\frac{1}{2}$ " linen hose at each outlet.

EXTINGUISHERS:
Ground Floor-3-2 $\frac{1}{2}$ gallon soda acid extinguishers.
1st Floor - 3-2 $\frac{1}{2}$ gallon soda acid extinguishers.
2nd Floor - 2-2 $\frac{1}{2}$ gallon soda acid extinguishers.
3rd Floor - 3-2 $\frac{1}{2}$ gallon soda acid extinguishers.
4th Floor - 3-2 $\frac{1}{2}$ gallon soda acid extinguishers.

SUN PARLOR: 1 Outlet with 100'-1 $\frac{1}{2}$ " linen hose.
1-2 $\frac{1}{2}$ gallon soda acid extinguisher.

ASSURED GLACIER PARK HOTEL CO. AND CANADIAN ROCKIES HOTEL CO.
PROPERTY GLACIER PARK, MONTANA AND ALBERTA, CANADA. (WATERTON LAKES PARK)

DORMITORY

CONSTRUCTION: Frame, shingle roof.
LIGHTING: Electric.
HEAT: Steam.

INSIDE FIRE PROTECTIONWOMENS SECTION (3 STORY)

FIRE HOSE: 1st Floor-1 outlet with 100'-1 $\frac{1}{2}$ " linen hose.
2nd Floor-1 outlet with 100'-1 $\frac{1}{2}$ " linen hose.
3rd Floor-2 outlets each with 100'-1 $\frac{1}{2}$ " linen hose.
EXTINGUISHERS:
1st Floor-1-2 $\frac{1}{2}$ gallon soda acid extinguisher.
2nd Floor-1-2 $\frac{1}{2}$ gallon soda acid extinguisher.
3rd Floor-2-2 $\frac{1}{2}$ gallon soda acid extinguishers.

MENS SECTION (1 STORY)

FIRE HOSE: 1 Outlet with 50'-1 $\frac{1}{2}$ " C.R.L. hose.
EXTINGUISHERS:-1 - 2 $\frac{1}{2}$ gallon soda acid extinguisher.



HYDRO ELECTRIC PLANT

Small frame and concrete building at lake outlet containing two Allis Chambers 2300 volt turbine generators.
EXTINGUISHERS:-2 - 1 qt. Pyrene extinguishers.

RECOMMENDATIONS

The following recommendations are suggested for the improvement of fire protection facilities:

GENERAL

1. An additional hose reel with 300'-2 $\frac{1}{2}$ " C.R.L. hose should be installed, and reels located at convenient points as advised engineer on premises.
2. Fire brigade should be organized immediately at opening of hotel each season and drills held weekly. Notices can be posted for drills so as to avoid the use of fire alarm. 
3. Additional fire ladders should be provided where there are none at present.
4. The Ajax chemical extinguisher on wheels in reel house should be recharged.
5. Camp fire in lobby should not be used until concrete base is rebuilt, as center of same has settled several inches. 

ASSURED GLACIER PARK HOTEL CO. AND CANADIAN ROCKIES HOTEL CO.
PROPERTY GLACIER PARK, MONTANA AND ALBERTA, CANADA. (WATERFORD LAKES PARK)

HOTEL AND ANNEXES.

6. All extension electric light wiring should be examined and installed in a standard manner, where same is in contact with woodwork in boiler room, engineers store room and soda fountain in basement.
7. All fuse boxes in hallways should be lined with asbestos.
8. Boiler room and laundry should be removed from basement and installed in a separate building. Laundry is very congested and clothes cleaning is at present done in corner of laundry. This should also be removed, as it constitutes a serious hazard. ?
9. The five gallon can of gasoline now used in laundry for clothes cleaning should be kept outside of building and used from an approved can while this work is done here. X OK
10. Fir trees should be removed from lobby.
11. Franklin stoves should be removed from rooms in annex.
12. 50'-1 $\frac{1}{2}$ " C.R.L. hose should be provided for use in boiler room in basement.
13. Additional extinguishers should be installed:
3 - 2 $\frac{1}{2}$ gallon soda acid type in laundry in basement and
1 - 2 $\frac{1}{2}$ gallon soda acid type in kitchen first floor.

DORMITORY

14. Extension electric light wiring should be installed in a standard manner, where same is in contact with woodwork.
15. Fuse boxes in hallways should be lined with asbestos.
16. The use of electric pressing irons in employes rooms should be prohibited.

OLD WAREHOUSE & RECREATION HALL

17. Porcelain rosettes should be provided on electric drop cords in dance hall.
18. 1 - 2 $\frac{1}{2}$ gallon soda acid extinguisher should be installed in warehouse.
19. 1 - 2 $\frac{1}{2}$ gallon foamite extinguisher should be installed in paint shop.

CHALETS

20. 1 - 2 $\frac{1}{2}$ gallon soda acid extinguisher should be maintained in each Chalet during open season.
-

ASSURED

GLACIER PARK HOTEL CO. AND CANADIAN ROCKIES HOTEL CO.

PROPERTY

GLACIER PARK, MONTANA AND ALBERTA, CANADA. (WATERTON LAKES PARK).

ST. MARYS (CAMP NO. 4)OUTSIDE FIRE PROTECTION

Water supply from spring down mountain to 5,000 gallon tank on hill, also 125 gallon per minute auxiliary fire pump having 1½" suction from lake. 4" main from tank to four 1½" twoway outside hydrants, each equipped with 50'-1½" C.R.L. hose.

NO WATCHMAN ON PREMISESMAIN BUILDING (DINING ROOM & KITCHEN)

CONSTRUCTION: Wood log, walls plastered inside, wood shingle roof.

LIGHTING: Electric, conduit and open wiring.

HEAT: *Enow* Steam and open fireplace.

only heat by fire place
INSIDE FIRE PROTECTION

EXTINGUISHERS: 3 - 2½ gallon soda acid extinguishers.

RECREATION BUILDING

CONSTRUCTION: Wood log, walls plastered inside, wood shingle roof.

LIGHTING: Electric,

HEAT: *Enow* Steam and open fireplace.

only heat by fire place
INSIDE FIRE PROTECTION

FIRE HOSE: 1 outlet with 50'-1½" C.R.L. hose in store room.

EXTINGUISHERS: 2 - 2½ gallon soda acid extinguishers.

All other buildings are one and two story frame with shingle roofs, electric lighting and open fireplaces.

INSIDE FIRE PROTECTION

FIRE HOSE: 1 outlet with 50'-1½" linen hose in Chalet "F".

EXTINGUISHERS: 2½ gallon soda acid extinguishers located as follows: 1 each in Chalets "A", "C", "D", "E" and "F" and old Dining Room. 2 each in Chalet "B", and Laundry and generator building.

RECOMMENDATIONS

The following recommendations are suggested for the improvement of fire protection facilities:

GENERAL

1. Valves on fire hose outlets should be examined and repaired, and provided with drains so as to prevent water from leaking into hose.

ASSURED GLACIER PARK HOTEL CO. AND CANADIAN ROCKIES HOTEL CO.PROPERTY GLACIER PARK, MONTANA AND ALBERTA, CANADA. (WATERTON LAKES PARK)GENERATOR ROOM

2. A 1 qt. carbon tetra-chloride extinguisher should be installed in this room.

EMPLOYEES SLEEPING QUARTERS

(Formerly Dining Room)

3. This building should be cleaned out thoroughly and paper and rubbish should not be allowed to accumulate.

PRINCE OF WALES HOTELOUTSIDE FIRE PROTECTION

Water supply from lake, 6" suction to two pumps, one gasoline and one electric, each 250 gallons per minute capacity. 100,000 gallon elevated steel tank with 8" main to 8 - 2½" two-way outside hydrants having approximately 52 lbs. minimum pressure, also 500 gallon per minute electric pump in Power House. Hose house with 100'-2½" C.R.L. hose at each hydrant, also hose reel on wheels with 500'-2½" C.R.L. hose located between hotel and power plant.

AUTOMATIC FIRE ALARM

Alarm boxes in hallways as follows: 3 on second floor, 4 each on third and fourth floors and 2 each on fifth and sixth floors. This alarm registers at switchboard in office first floor.

WATCHMAN SERVICE

Hourly rounds are made by watchman at night with approved Detex clock covering premises during open season. Watchman to be located on premises during the closed season, but will not use clock or enter hotel building.

FIRE BRIGADE

Employees have been instructed as to their respective duties in case of fire, but no fire drills are held at present.

HOTEL BUILDING

CONSTRUCTION: Wood log, walls plastered inside, Wood shingle roof.
LIGHTING: Electric, conduit and open wiring.
HEAT: Steam and open fireplaces in lobby.

NOTE: Employees' quarters located on fifth, sixth and seventh floors.

ASSURED GLACIER PARK HOTEL CO. AND CANADIAN ROCKIES HOTEL CO.PROPERTY GLACIER PARK, MONTANA AND ALBERTA, CANADA. (WATERTON LAKES PARK)INSIDE FIRE PROTECTION

FIRE HOSE: Basement-1 outlet with 50'-1½" linen hose.
1st Floor-2 outlets, one with 100'-1½" linen hose and one with 50'-1½" linen hose.
2nd Floor-2 outlets, each with 50'-1½" linen hose.
3rd & 4th Floors-2 outlets each floor with 50'-1½" linen hose at each outlet.
5th & 6th Floors-2 outlets each floor with 50'-1½" linen hose at each outlet.

EXTINGUISHERS: Basement - 3 Pyrenes and 1 - 2½ gal. pump tank.
1st Floor- 1 Pyrene and 1 - 2½ gal. pump tank and 16 - 2½ gallon soda acid ext.
2nd Floor- 1 - 2½ gallon pump tank and 7 - 2½ gallon soda acid ext.
3rd & 4th Floors- 7 - 2½ gal. soda acid ext. each floor.
5th & 6th Floors- 4 - 2½ gal. soda acid ext. each floor.
7th Floor- 2 - 2½ gallon soda acid ext.

ROOF SPRINKLERS: Roof protected by manual sprinklers, with 4" piping operated by valve in basement.

POWER PLANT AND LAUNDRY

CONSTRUCTION: Frame, wood roof.
LIGHTING: Electric.
HEAT: Steam.
CONTENTS: 2 - Fairbanks Morse Diesel oil engines, electric generators.
2 - 225 gallon oil tanks buried outside, oil pumped to engines through 1½" feed pipe.
Main supply 13,200 gallon steel tank approximately 200' from building.
Oil fired steam boilers, 1025 gallon tank buried outside, oil pumped to burners through 1" feed pipe. Main supply, 18,000 gallon steel tank approximately 200' from building.
Laundry contains electric and steam operated machinery.

INSIDE FIRE PROTECTION

EXTINGUISHERS: 4 Pyrenes and two 2½ gal. foamite ext. in Enging Rm.
3 - 2½ gal. soda acid ext. in Laundry.

PUMP HOUSE

Small frame pump house on lake containing electric and gasoline pumps, 35 H.P., 250 gallons per minute each for water tank supply. 2 Pyrene extinguishers in Pump House.

ASSURED GLACIER PARK HOTEL CO. AND CANADIAN ROCKIES HOTEL CO.
PROPERTY GLACIER PARK, MONTANA AND ALBERTA, CANADA. (WATERTON LAKES PARK)

RECOMMENDATIONS

The following recommendations suggested for improvement of fire protection facilities:

GENERAL

1. Fire drills should be held weekly during open season. Notices can be posted for drills so as to avoid the use of fire alarm. X

HOTEL BUILDING

2. The use of electric pressing irons in employes rooms should be prohibited. X

GOING TO SUN (CAMP NO. 5)

OUTSIDE FIRE PROTECTION

Water supply down mountain with 10" main having approximately 60 lbs. pressure.

WATCHMAN SERVICE

Watchman on premises but no clock or regular rounds.

MAIN BUILDING (DINING ROOM & KITCHEN)

CONSTRUCTION: Wood log, walls plastered inside, asphalt prepared roof.
LIGHTING: Electric.
HEAT: Steam and open fireplace lobby.

INSIDE FIRE PROTECTION

FIRE HOSE: 1st Floor - 2 outlets each with 50'-1½" linen hose.
2nd Floor - 2 outlets each with 50'-1½" linen hose.
EXTINGUISHERS: 2nd Floor - 2-2½ gal. soda acid ext., dining room and one Pyrene in kitchen.

DORMITORY "B"

CONSTRUCTION: Wood log, walls plastered inside, asphalt prepared roof.
LIGHTING: Electric.
HEAT: Steam and open fireplace.

ASSURED GLACIER PARK HOTEL CO. AND CANADIAN ROCKIES HOTEL CO.PROPERTY GLACIER PARK, MONTANA AND ALBERTA, CANADA. (WATERTON LAKES PARK)INSIDE FIRE PROTECTION

FIRE HOSE: Basement-1 outlet with 50'-1½" linen hose.
1st and 2nd Floors-4 outlets each floor with
50'-1½" linen hose at each outlet.

EXTINGUISHERS: 1st Floor - 2 - 2½ gallon soda acid ex-
tinguishers.

GENERATOR BUILDING

Small frame building containing electric generator operated by gasoline engine, with 75 gallon gasoline tank under building. Building isolated and does not expose other property. One 1 qt. Pyrene extinguisher and one 2½ gallon soda acid extinguisher in this building.

All other buildings are one and two story frame with shingle roofs, electric lighting and open fireplaces.

FIRE PROTECTION

FIRE HOSE: 1 Outlet with 50'-1½" linen hose in Laundry and Toilet Building and 1 outlet with 50' 1½" C.R.L. hose on outside wall.

EXTINGUISHERS: 1 - 2½ gallon soda acid extinguisher each in Chalets "D", "E", "F", "H" and "I", and 1 - 1 qt. Pyrene extinguisher each in Chalets "C" and "G".

RECOMMENDATIONS

The following recommendations are suggested for the improvement of fire protection facilities:

GENERAL

1. A separate building should be provided for storage of paints and materials, which are now stored under various buildings.
2. A 1½" outlet with 50'-1½" C.R.L. hose should be installed on outside wall of Chalet "C".
3. All valves on fire hose outlets should be examined and repaired, so as to prevent water leaking into hose.
4. 12 Additional 2½ gallon soda acid extinguishers should be provided and located as advised engineer on premises.
5. The use of electric pressing irons should be prohibited in employes rooms.

ASSURED GLACIER PARK HOTEL CO. AND CANADIAN ROCKIES HOTEL CO.PROPERTY GLACIER PARK, MONTANA AND ALBERTA, CANADA. (WATERTON LAKES PARK)MAIN BUILDING (DINING ROOM & KITCHEN)

6. Electric light fuse box on balcony over kitchen should be provided with door and lined with asbestos.
7. All extension electric light cords in lobby should be examined and installed in a standard manner, where wiring is nailed to wood column; and lanterns in dining room should not be suspended on electric light wires from ceiling.

BUILDING K-10.

8. Electric light wiring should be installed in a standard manner, where same is in contact with woodwork.
 9. Proper metal or concrete base should be provided under heating stove.
-

copy

ALEXANDER & ALEXANDER

Insurance

Baltimore - November 5, 1927.

Mr. George H. Hess, Comptroller,
Great Northern Railway Company,
St. Paul, Minnesota.

GREAT NORTHERN RAILWAY COMPANY
Hotel Properties - Inspections

Dear Sir: -

Since return of our Mr. Chinn with his reports on your properties, especially the Hotels and Camps, the question of adequate cold weather protection has been a subject of discussion and consideration, and especial thought being given to the advisability of laying out a large sum of money for an unknown fire prevention equipment.

After perusal of his reports and considering the location, climatic conditions, et cetera, we do not recommend the installation of any additional fire protection equipment for protection purposes during the closed season of these properties; but, would respectfully point to the two periods in this class of occupancy which are considered the most dangerous - while open and in operation, and immediately after the closing and shutting up of the property, the latter of which we want to especially deal with at this time.

It is suggested that all rubbish, paper, food stuff, and like materials, which would attract rats or other small animals, be gathered up and disposed of. ~~OK~~

That mops, matches, floor waxing apparatus, old rags and polishing materials, be removed from the valuable properties. ~~OK~~

That all chemical extinguishers should be removed to the Watchman's quarters, which we understand are heated during the winter months. ~~OK~~

Watchman's telephone connections, if not considered too expensive, should be maintained.

All electric current should be cut out of the properties. ~~XXXX~~

We understand that the Watchman has access to the basements of the hotel buildings during these months, and we assume that nothing but an electric torch or flashlight is used by him at the time of these visits, if not, this is urgently recommended, and the use of an oil lantern should not by any means be permitted. ?
not done

Yours very truly,

ALEXANDER & ALEXANDER, INC.

(Sgd.) F. T. Drake,

Vice President.

15-18

St. Paul, Minn., December 20, 1927

Messrs. L. W. Hill,
R. Budd,
W. P. Kemy.

For your information I quote letter from Mr. C. A. Davidson,
Highway Commissioner, Province of Alberta, dated Edmonton, December 15th:

"I have your letter of December 6th, and append for your information estimated total cost of the Cardston - Waterton Highway project which I have compiled from Estimates already issued to the Contractor, together with percentage of incomplete work. These are as follows:-

| | |
|-------------------------------|--------------------|
| Right of Way | \$ 900.00 |
| Fencing | 3,075.00 |
| Grading | 57,400.00 |
| Bridges | 7,900.00 |
| Culverts | 14,400.00 |
| Gravelling (First Course) | 41,400.00 |
| Engineering & Superintendence | 11,700.00 |
| Advertising | 260.00 |
| | <hr/> \$136,035.00 |

At the present time, construction has closed down and there remains to be graded, four miles of work which has not yet opened up. The remainder is practically completed. Gravel surfacing continued under difficulties at the west end until the beginning of this week, when a wind storm resulted in considerable drifting of snow, making it practically impossible for trucks to operate from the gravel pit at the westerly end of the work.

Our Contractor has assembled his crushing plant and built his camp at the east end of the contract, and is ready to commence operations when the weather moderates. We are still hopeful of completing the work by June 15, but this will be entirely dependent upon the time we are able to open up our work in the spring. Meanwhile, camps are being maintained on this work and the Contractor's horses are wintering in the vicinity in order that there may be no delay in resuming operations just as soon as weather conditions permit."

A. H. Hogeland



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