NEW WALL - 1 HOUR		
EXIT ACCESS TRAVEL DISTANCE		
DEAD END CORR. TRAVEL LENGTH		
COMMON PATH OF TRAVEL LENGTH		
EXIT ENTRANCE		
EXIT ENTRANCE		
FIRE EXTINGUISHER		
SMOKE PARTITION		

Per NFPA 101 table 6.1.14.4.1 (b), the separation is to be 2 hours. This rating is permitted to be reduced by one hour due to the building being protected by an approved automatic sprinkler system in accordance with 9.7.1.1 (1) and supervised in accordance with 9.7.2.

DISTANCE TO COMMON PATH OF TRAVEL = 48'-6"

(distance not to exceed 75'-0")

1014.3 2009 IBC (most restrictive)

DEAD END CORRIDOR DISTANCE = 21'-6"

(length < 2.5 x 10' = 25')

1018.4 Ex. 3 2009 IBC (most restrictive)

Aggregate storage area = 1,428 SF < 1,650 SF = (16,509 x 10%)
Aggregate storage area is less than 10% of this story's area and does not exceed the tabular values in Table 503.

MAXIMUM TRAVEL DISTANCE TO EXIT = 130'-8"

(I-4 not to exceed 200' sprinklered)

1016.1 2009 IBC, NFPA 16.2.6.2-16.2.6.3

SEAL ALL PENETRATIONS IN SMOKE BARRIER

Per NFPA 101 16.3.6, Corridors shall be 1 hr rated unless permitted by the following:
(2) In buildings protected throughout by an approved, supervised automatic sprinkler system, corridor walls shall not be required to be rated, provided that such walls form smoke partitions.

1 | 1ST FLOOR - LIFESAFETY
1/8" = 1'-0"

LICENSED ARCHITECT DAVID LLOYD NO. 936 STATE OF MAINE

Reviewed for Code Compliance Inspectors Division Approved as Noted Date: 01/24/18

Prepared For: Children's Odyssey

Consultant:

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Revisions:
1 Date 1 Revision 1

Scale: 1/8" = 1'-0"

Date: OCT, 2016

LIFE SAFETY

LS1.0