

2016 North Dakota
Legislative Procedure and Arrangements Committee

Rep. Al Carlson - Chairman
Sen. Rich Wardner – Vice Chairman

Concerning Renovation of the Haugland Room
To Provide an Accessible Ramp

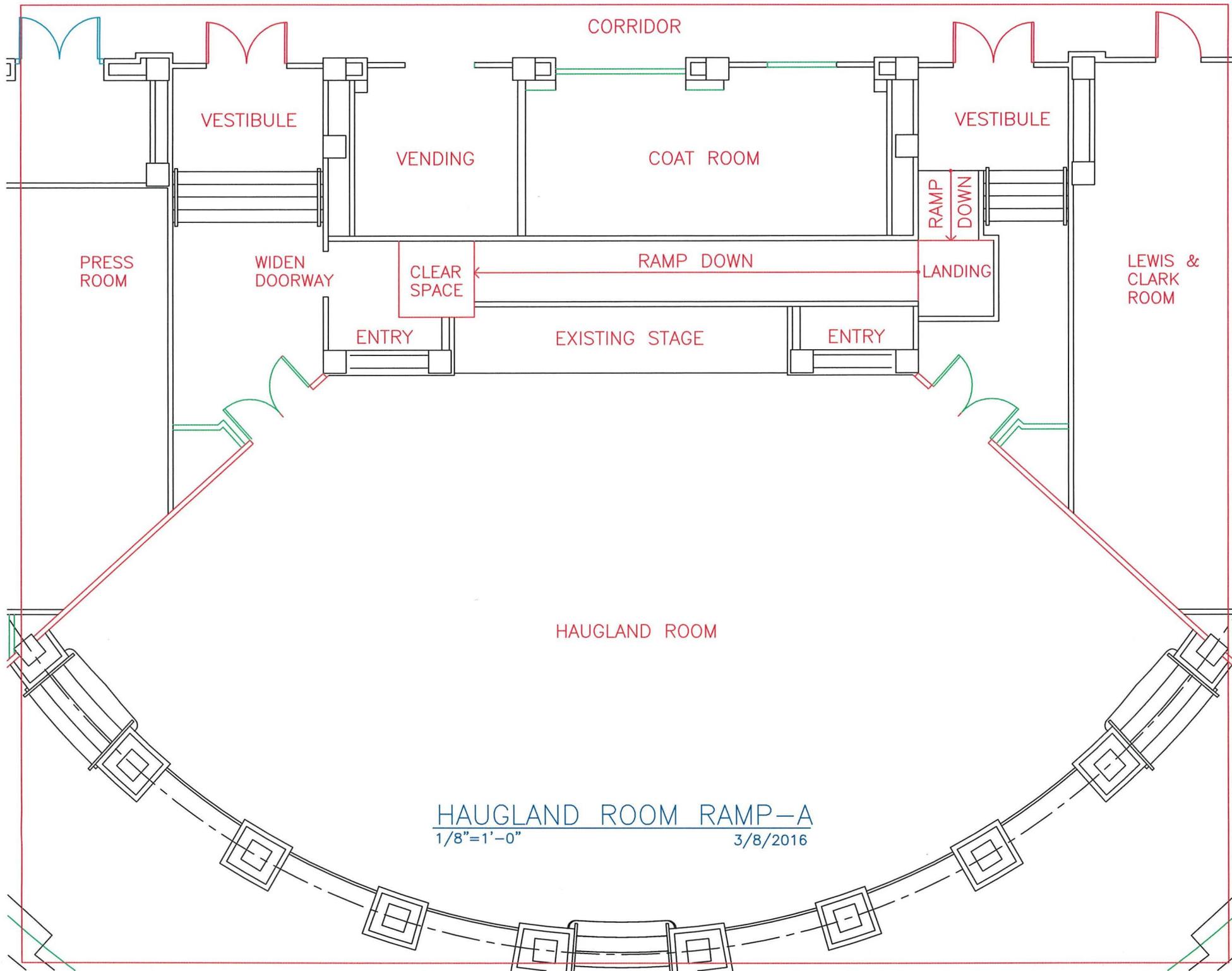
For the record, my name is Joel Leapaldt. I am the State Facility Planner in the Office of Management and Budget. I was asked at the last committee meeting to look into the possibility of adding an accessible ramp to the Haugland room.

The following parameters are required for an accessible ramp: The minimum width between handrails is 36". The handrails are 1 ½" wide and are 1 ½" from the wall. That makes the minimum width 42". The ramp slope is a minimum 12" run for every inch of drop. There is 34" from the stair top to stair bottom. That makes the ramp 34 feet long. The maximum run of ramp without a landing is 30'. Landings are required to be a minimum of 5' square. The ramp, therefore, is a minimum of 39'. I have two possible layouts for you to consider.

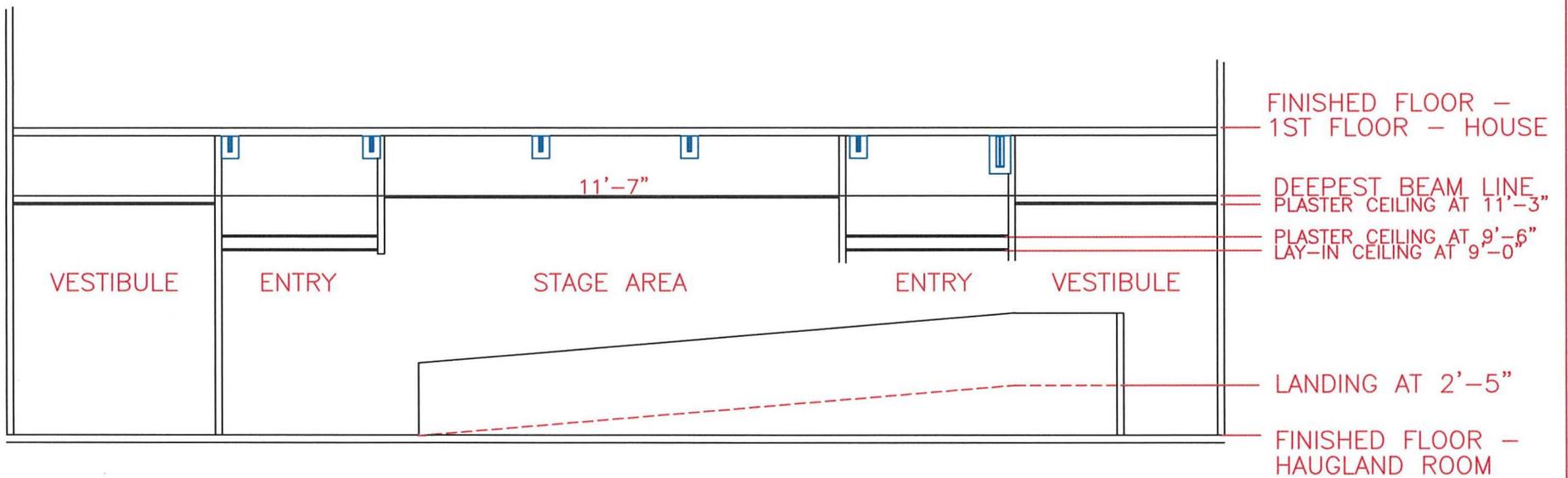
The first and simplest utilizes the existing stairwell and wraps along the back of the stage. The second begins in the existing coat room and also ends along the back of the stage. This would preserve the existing stairwell as it exists today. The complication is that the landing cuts through an existing grade beam.

The first layout, "A", is estimated to cost \$32,000. I do not have a cost estimate for "B" since a structural engineer would need to weigh in on the ramifications of cutting the grade beam.

I will go into more detail utilizing the drawings that were handed out.



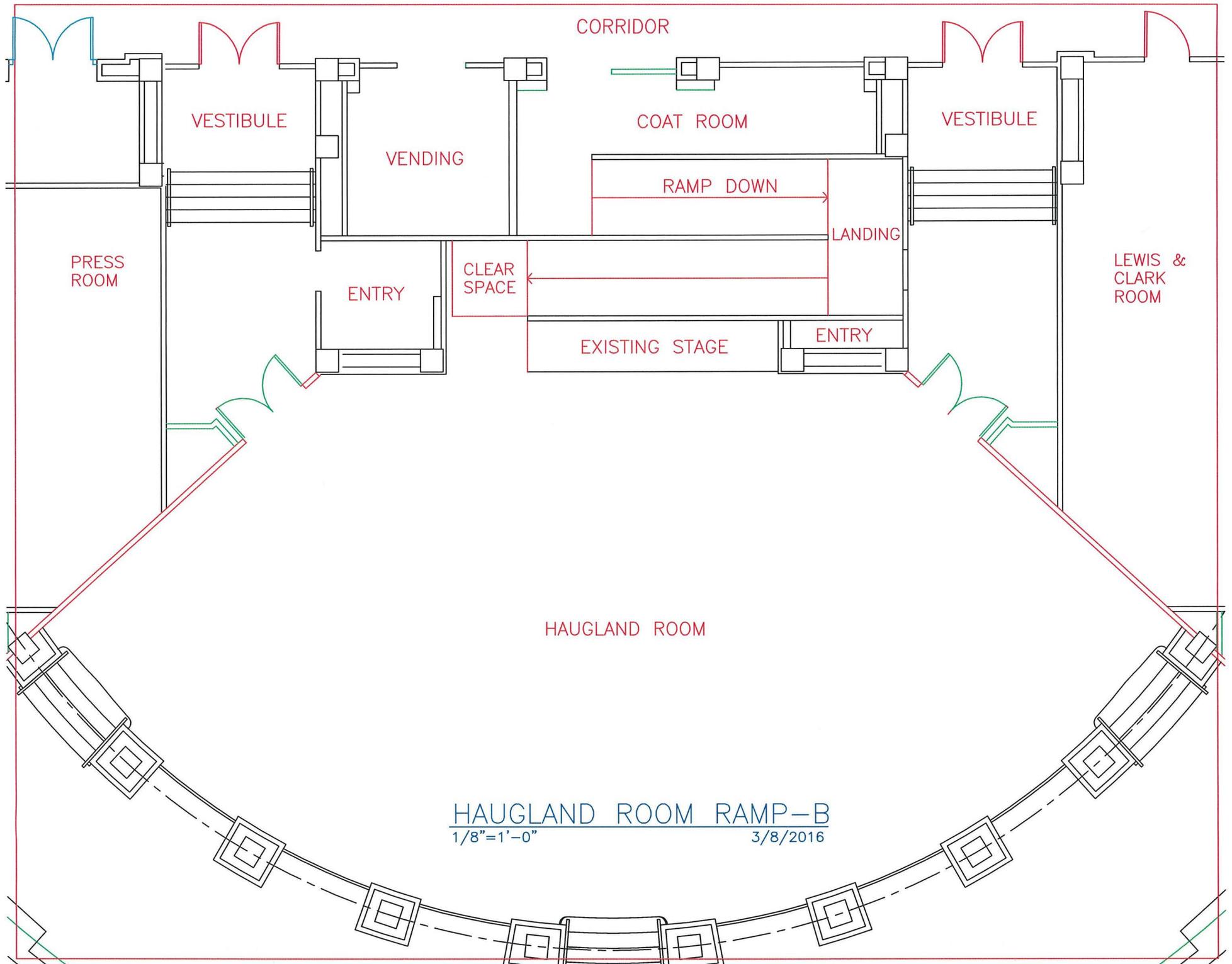
HAUGLAND ROOM RAMP-A
1/8"=1'-0" 3/8/2016



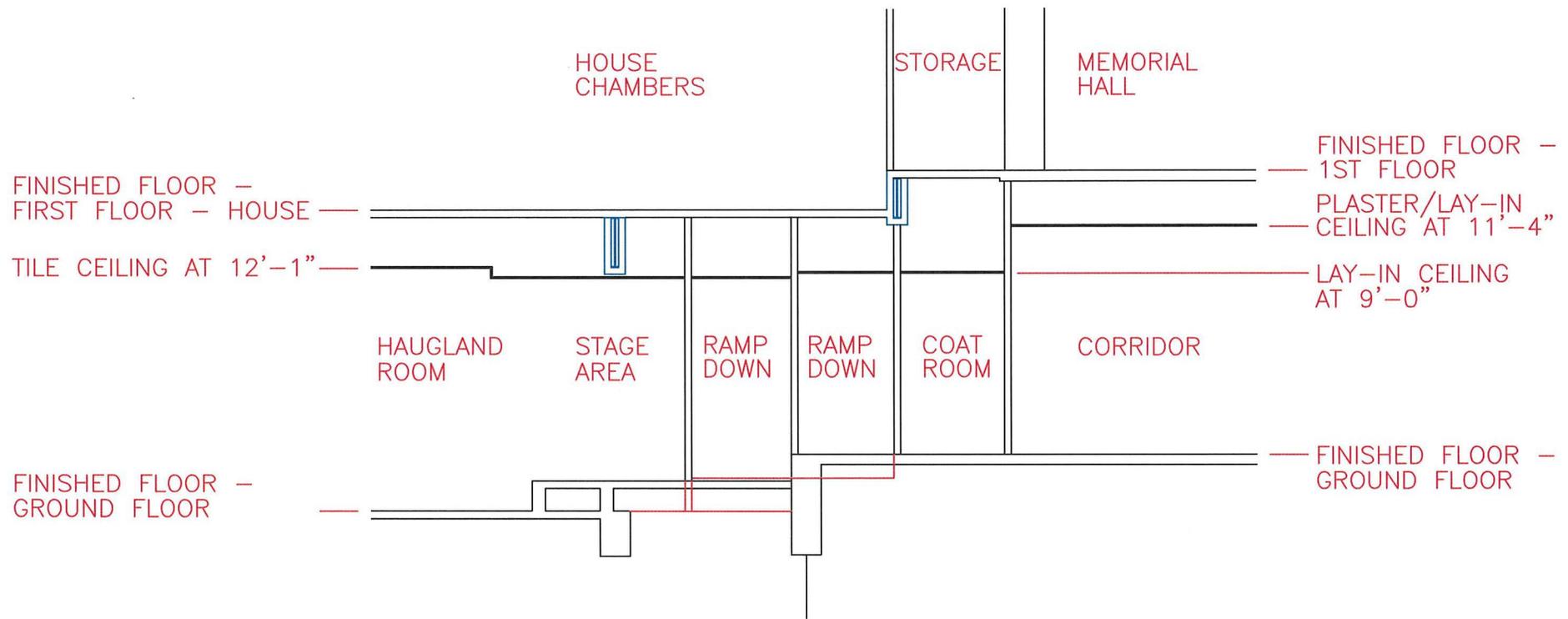
HAUGLAND ROOM RAMP-SECTION-A

1/8"=1'-0"

3/8/2016



HAUGLAND ROOM RAMP-B
1/8" = 1'-0" 3/8/2016



HAUGLAND ROOM RAMP-SECTION-B

1/8"=1'-0"

3/8/2016