

C9 Structural Notes

ADA RAMP

83 Massachusetts Ave.

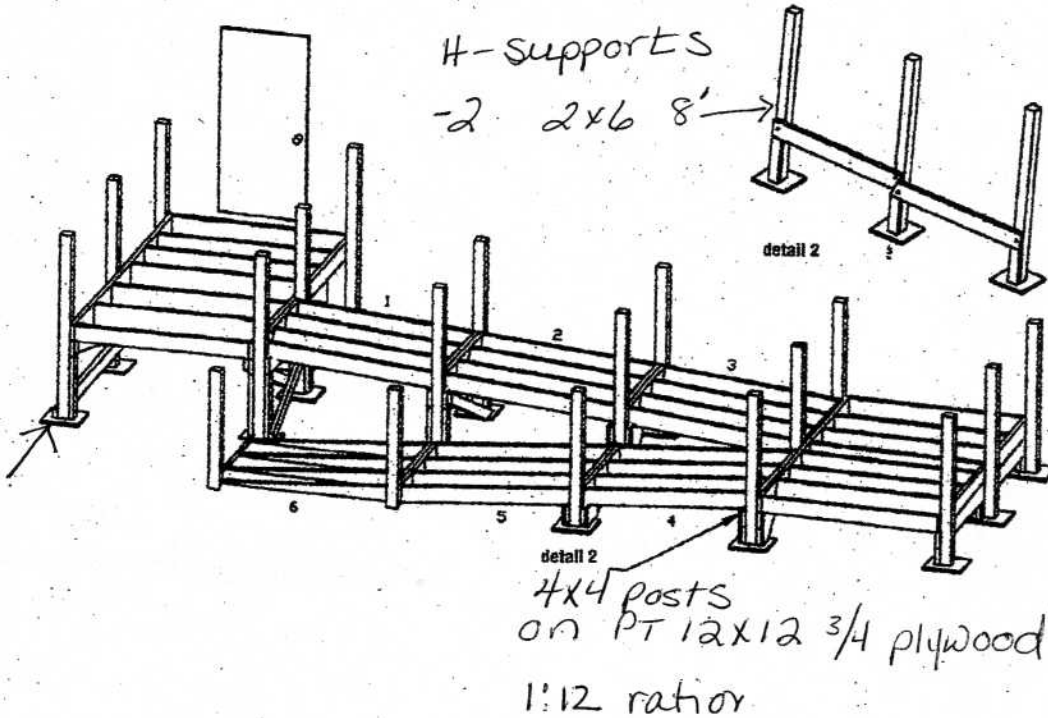
Attach string line from top of level landing to point where ramp will end.

▼ Bolt Module #4 to landing with 3/8" x 4" carriage bolts. Match module slope to string.

↑ FASTENERS

▼ Attach cross support for Module #4 as shown in detail 2.

▼ Cross supports for the junction of Modules #4 and #5 will be attached to the 4x4 at the junction of Modules #2 and #3.



Note: The same options for transition to the ground are used for this design. Guardrail/handrail options are also the same except the inside guardrail on the lower portion of the ramp will be attached to the center 4x4's. Between modules 3 & 4 some 2x2x30" spindles will need to be screwed in place from inside the ramp.

- COMPONENT
MODULES
MATERIALS
- () Large Landing 8x5:
 - 4 2x6 10'
 - 2 2x6 8'
 - 10 5/4x6 8' Decking
 - 10 2x6 joist hangers
 - () Long Ramp 5x10'
 - 4 2x6 10'
 - 1 2x6 8'
 - 5 5/4x6 14' Decking
 - () Small Landing
 - 4 2x6 10'
 - 5 5/4x6 10' Decking
 - 6 2x6 joist hanger
 - () Short Ramp 5x5
 - 2 2x6 10'
 - 1 2x6 8'
 - 3 5/4x6 14' decking
 - () Wedge 5x5
 - 1 2x6 10'
 - 1 2x4 8'
 - 3 5/4x6 14' Decking