CA Structural Notes

ADA Ramp

▼ 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 MATERIAL

( ) Large Landing 8x5:
- 4 2x6 10'
- 2 2x6 8'
- 10 5/4x6 8' Composite Decking
- 10 2x6 joist hangers

( ) Long Ramp 5x10'
- 4 2x6 10'
- 1 2x6 8'
- 5 5/4x6 14' Composite Decking

( ) Small Landing
- 4 2x6 10'
- 5 5/4x6 10' Composite Decking
- 6 2x6 joist hanger

( ) Short Ramp 5x5
- 2 2x6 10'
- 1 2x6 8'
- 3 5/4x6 14' composite decking

( ) Wedge 5x5
- 1 2x6 10'
- 1 2x4 8'
- 3 5/4x6 14' Com Decking

Inspections Division
Date: 12/05/14