GANGWAY SIDE ELEVATION
(USING STANDARD SAWN LUMBER STRINGERS)
(MAX SLOPE FOR RESIDENTIAL USE = 1:2.5)

SECTION A-A

NOTES:
1. TIMBER SHALL BE SELECT STRUCTURAL DOUGLAS FIR TREATED WITH A STATE OF CALIFORNIA–APPROVED PRESERVATIVE (CALIFORNIA COASTAL COMMISSION AND REGIONAL WATER QUALITY CONTROL BOARD). (ALLOWABLE BENDING STRESS, F_b = 1500 PSI).
2. FIELD CUTS AND BORED HOLES SHALL RECEIVE A FIELD-APPLIED COAT OF PRESERVATIVE TREATMENT PER STATE AND FEDERAL GUIDELINES.
3. FASTENERS SHALL BE STAINLESS, HOT-DIP GALVANIZED OR EPOXY-COATED STEEL.
4. WALKING SURFACES SHALL HAVE A SKID-RESISTANT FINISH, SUCH AS UNPAINTED TIMBER, Grit ON TIMBER, OR OTHER SURFACING DEEMED APPROPRIATE FOR THE INTENDED SERVICE BY THE CITY.
5. NON-STRUCTURAL MEMBERS MAY BE ALTERNATIVE MATERIALS SUCH AS COMPOSITE DIMENSIONAL LUMBER. SUBMIT PRODUCT SPECIFICATIONS TO THE CITY FOR APPROVAL.
6. OPTIONAL GANGWAY TYPES:
   ALUMINUM GANGWAYS WITH NON-SKID WALKING PLANKS ARE RECOMMENDED AS A SUBSTITUTE FOR THE DETAILS NOTED IN THIS STANDARD.
   ALUMINUM GANGWAYS ARE NORMALLY PROVIDED BY QUALIFIED DESIGN/BUILD ALUMINUM FABRICATORS.
7. FOR LENGTHS OVER 26', APPLICANT TO PROVIDE STRUCTURAL ENGINEERING CALCULATIONS.