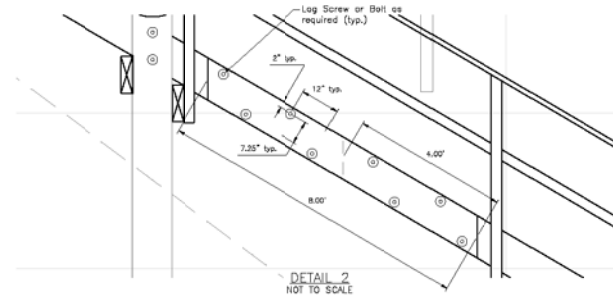
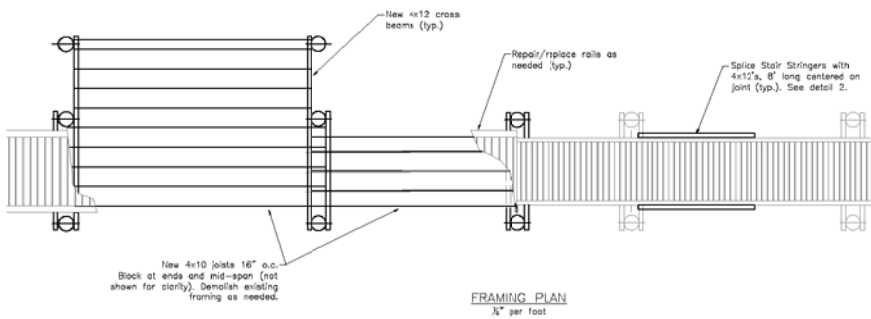
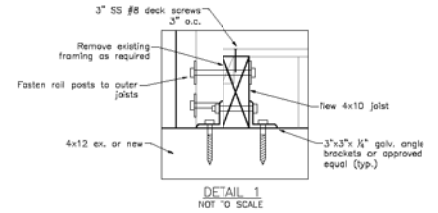
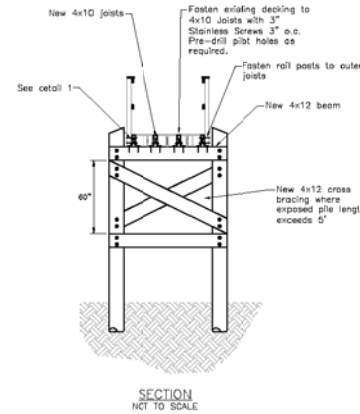
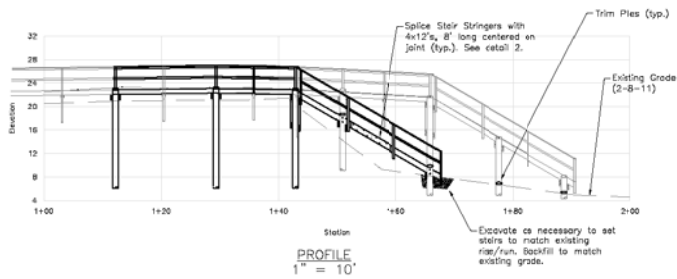


- Notes:
- All work shall be in accordance with the Massachusetts Building Code, 780 CMR, 7th ed.; the AFPA National Design Specification for Wood Construction, 2005 ed.; the Massachusetts Department of Transportation (MassDOT) Highway Division Standard Specifications for Highways and Bridges dated 1988; the MassDOT Supplemental Specifications, dated June 6, 2008; the MassDOT 1977 Construction Standards; the MassDOT April 2003 Metric/English Supplemental Drawings; the MassDOT 1999 Construction and Traffic Standard Details all as amended, and all local requirements.
 - All framing lumber shall conform to the latest edition of the AFPA National Design Specification for Wood Construction, and Design Values for Wood Construction supplement 2005 ed. Maximum moisture content shall be 19%.
 - All piles and pressure treated wood shall be treated with CCA preservative, or approved equal, to minimum retention of 2.5 PFC in accordance with AWPA C2 and C18.
 - The framing lumber shall be of the following minimum grade and species for the specified use. All lumber shall be grade stamped by a recognized grading agency and shall be kiln dry. Pressure treated: southern pine grade No. 1, or better, with a minimum allowable bending stress (F_b) of 1,300 PSI and minimum modulus of elasticity (E) of 1,700,000 PSI.
 - Details of wood framing such as nailing, blocking, bridging, etc. shall conform to the latest edition of the AFPA National Design Specification, the ATC Timber Construction Manual, and Architectural Graphics Standards by Ramsey & Sheper.
 - Lumber which is split, crooked, notched or otherwise altered or damaged shall be immediately rejected and not allowed for use, unless otherwise approved in writing by the project engineer.
 - All lumber shall be pre-cut wherever possible. Any lumber cut on site shall be field treated with preservative in a manner to contain the treatment and protect spillage onto the surrounding area.
 - Unless specified otherwise, connections shall be made with 5/8" # bolts or lag screws with 3" # backing washers. All hardware shall be hot dipped galvanized.
 - Repair existing railing as needed.
 - Contractor to supply all material, equipment, and labor for construction of temporary repairs to the boardwalk as shown herein.
 - Performance of the work shall be in compliance with the order of conditions issued by the Sandwich Conservation Commission file SE86-1445.
 - Contractor to obtain all necessary permits from the Town of Sandwich Building Department.
 - Contractor to properly dispose of all demolition, scrap, waste, and surplus materials.



TOWN OF SANDWICH
ENGINEERING DEPARTMENT
BOARDWALK
TEMPORARY REPAIRS
FEBRUARY 11, 2011