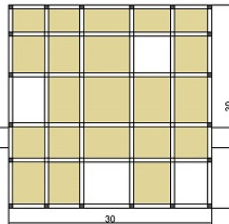
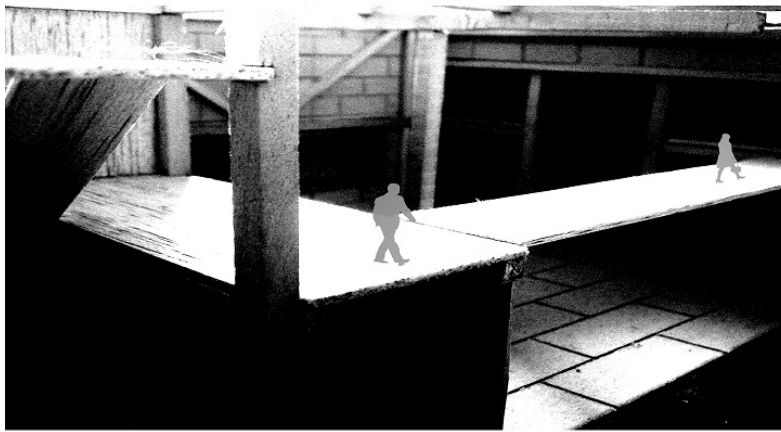
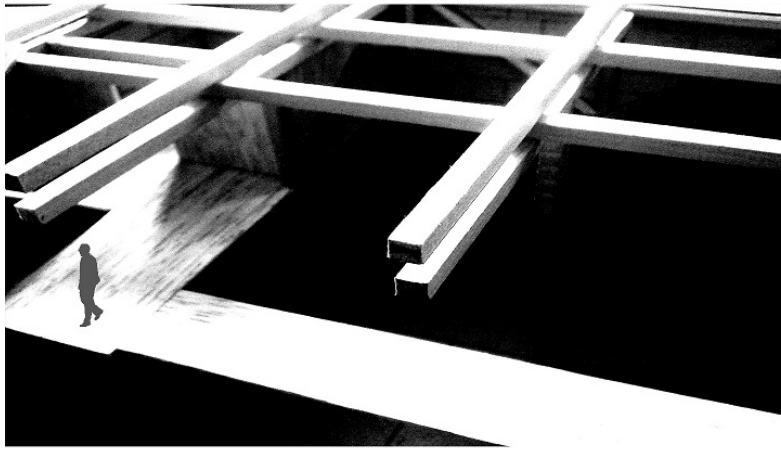


LIGHTHOUSE



ONE OF THE MOST FAMOUS SCREW PILE WAS THOMAS POINT SHOAL LIGHT. BUILT IN THE CHESAPEAKE BAY, IT HAS BEEN CALLED "THE FINEST EXAMPLE OF A SCREW PILE COTTAGE ANYWHERE IN THE WORLD." ITS MAIN PURPOSE WAS TO WARN VESSELS THAT WOULD REQUIRE DEEPER WATER ABOUT THE SHALLOW SANDBARS. SCREW PILE LIGHTS WERE ESPECIALLY VULNERABLE TO STORMS AND ICE. ICE AND VIOLENT WINDS COULD CAUSE THE LANTERN DISMOUNT OR BREAK. THOMAS POINT IS CURRENTLY THE LAST REMAINING SCREW PILE LIGHT IN THE CHESAPEAKE BAY THAT STANDS IN ITS ORIGINAL LOCATION FOR THIS REASON. IT WAS ALSO EQUIPPED WITH A FOGHORN, SOMETHING FIRST USED IN BOSTON LIGHT. IT REMAINED MANNED INTO THE LATE 20TH CENTURY AT WHICH POINT IT WAS AUTOMATED BY THE UNITED STATES COAST GUARD, SOMETHING THAT HAPPENED TO MOST LIGHTHOUSES IN THE UNITED STATES OVER THE COURSE OF THE 20TH CENTURY AS TECHNOLOGY MADE IT LESS ESSENTIAL FOR LIGHTHOUSES TO BE MAINTAINED BY HUMAN KEEPERS. [3]

THE WATERS OF THE PACIFIC NORTHWEST OFFER GREAT AMOUNTS OF COASTAL DIVERSITY. THE PACIFIC OCEAN AND THE ESTUARIES OF THE COASTAL RIVERS MARK AN AREA OF HUGE WAVES, HIGH WINDS, TOWERING CLIFF FACES, ROLLING SAND DUNES AND POUNDING SURF. THE OCEAN IS BUSY WITH FISHERMAN WHILE THE RIVERS ARE IMPORTANT TO THE REGION'S LUMBER INDUSTRY. THE COAST OF CALIFORNIA IS VERY RUGGED AND OFTEN BLANKETED IN THICK FOG, MAKING IT ESPECIALLY DEADLY. LIGHTHOUSES STARTED BEING BUILT ON THE PACIFIC COAST AS SETTLERS MOVED WEST IN SEARCH OF GOLD IN CALIFORNIA. LIFE FOR LIGHTHOUSE KEEPERS ON THE PACIFIC COAST COULD OFTEN BE A TREACHEROUS EXPERIENCE. ON ST. GEORGE REEF OFF OF CALIFORNIA, FIVE KEEPERS WERE KEPT AT ALL TIMES BECAUSE IT WAS SO DIFFICULT TO OPERATE. NO FAMILIES WERE ALLOWED TO LIVE THERE. WEATHER CONDITIONS COULD BE SO BAD THAT CONTACT WITH THE SHORE MIGHT BE CUT OFF FOR AN ENTIRE MONTH OR MORE. A FINE EXAMPLE OF THE LIGHTHOUSES ON THE WESTERN COAST IS TILLAMOOK ROCK LIGHT. THE ARCHITECTURE OF TILLAMOOK HAS BEEN CALLED A TREMENDOUS ENGINEERING FEAT AND ONE OF THE MOST DARING OF THE 19TH CENTURY. LOCATED 1.1 MILES OFF THE COAST OF CANNON BEACH, OREGON, IT IS ISOLATED AND LOCATED IN AN AREA