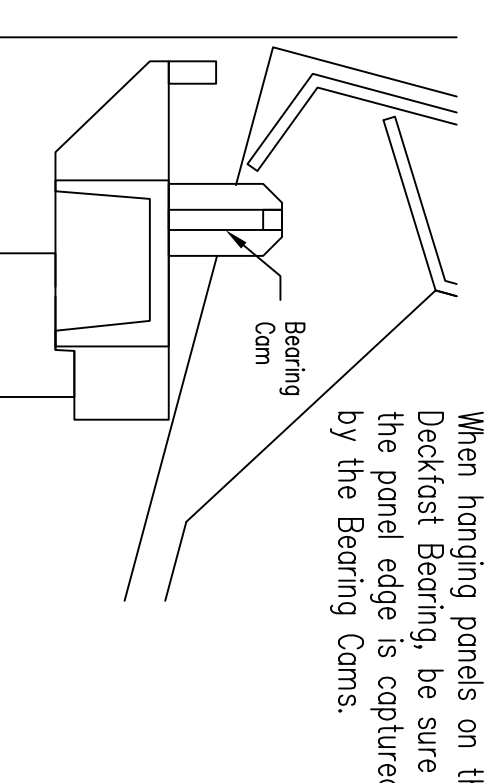
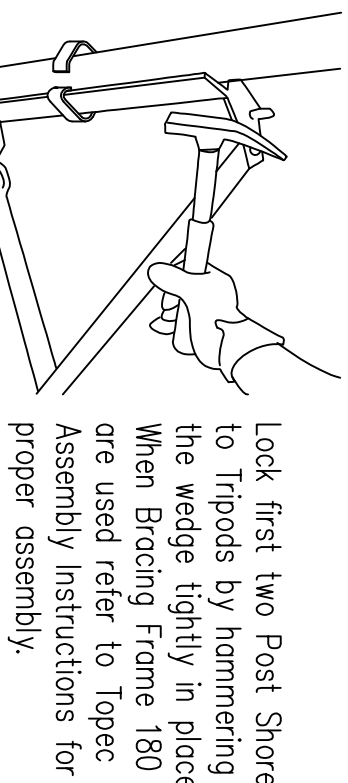
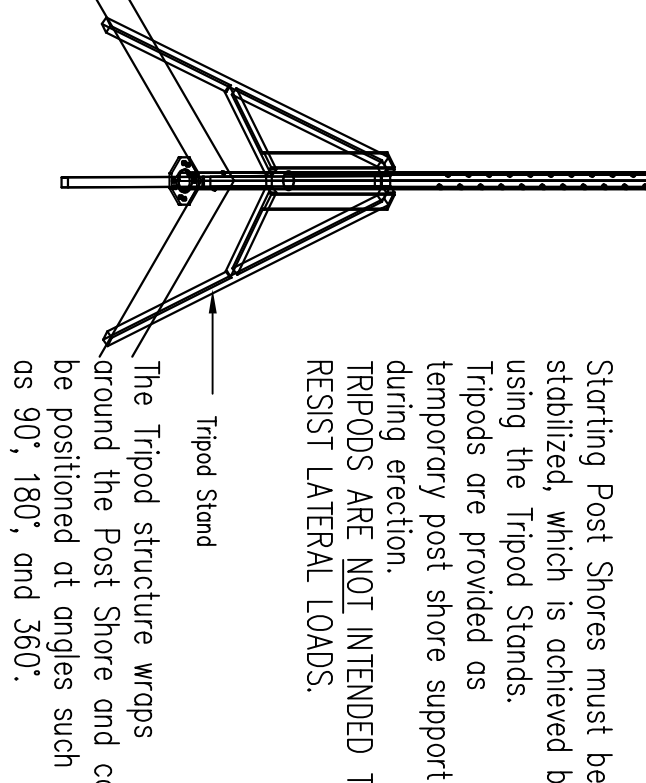


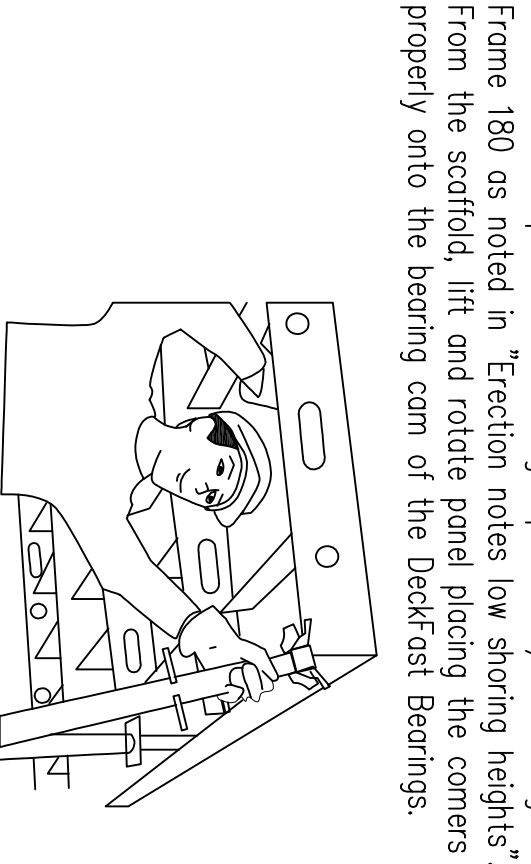
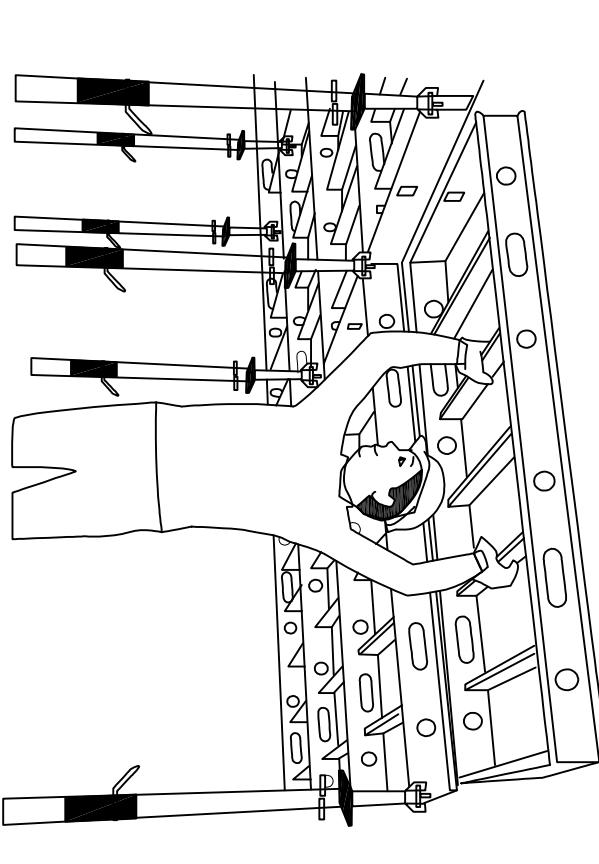
ALL SYMONS COMPONENTS AND ACCESSORIES ARE DESIGNED WITH SAFETY AND PERFORMANCE IN MIND. THE APPLICATION NOTES ON THIS SHEET WILL HELP YOU ACHIEVE A SAFE AND PRODUCTIVE FORMING OPERATION. IT IS RECOMMENDED THAT ALL CONSTRUCTION PERSONNEL, THOUGHLY FAMILIARIZE THEMSELVES AND COMPLY WITH THE APPLICABLE INDUSTRY STANDARDS AND SAFE PRACTICES ESTABLISHED BY THE AMERICAN CONCRETE INSTITUTE, AMERICAN NATIONAL STANDARDS INSTITUTE, THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION, AND THE SCAFFOLDING AND SHORING INSTITUTE.

IMPORTANT: ALL FORMING AND SHORING COMPONENTS MUST BE INSPECTED REGULARLY FOR DAMAGE OR EXCESSIVE WEAR. EQUIPMENT FOUND TO BE DAMAGED OR EXCESSIVELY WORN MUST BE REPLACED IMMEDIATELY.

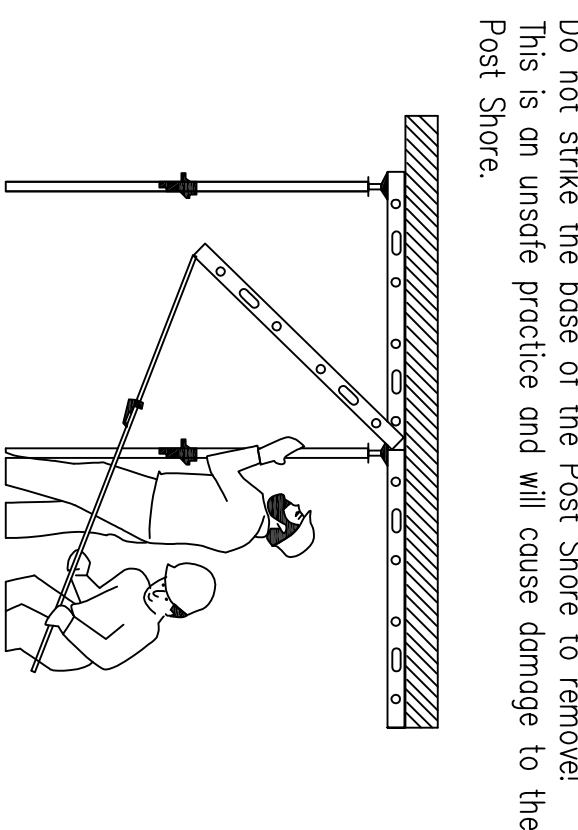
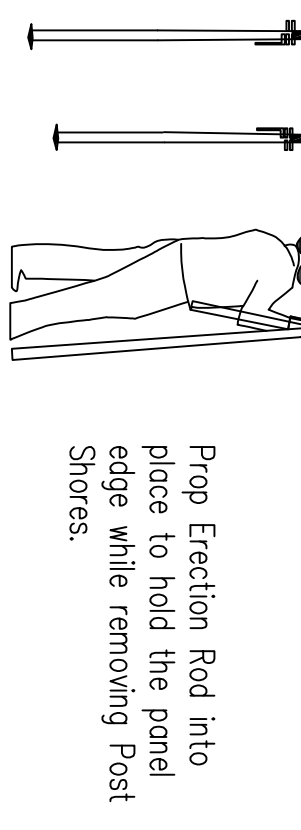
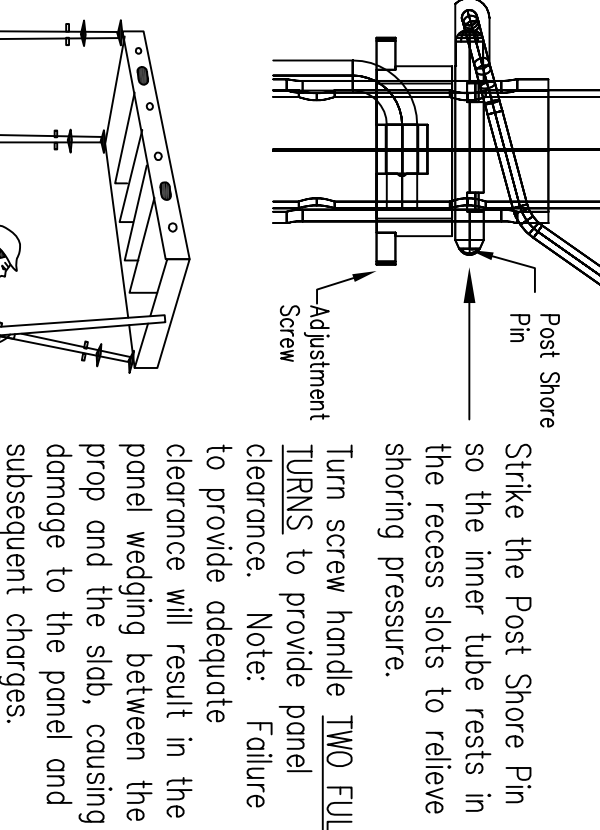
Erection Notes Low Shoring Heights



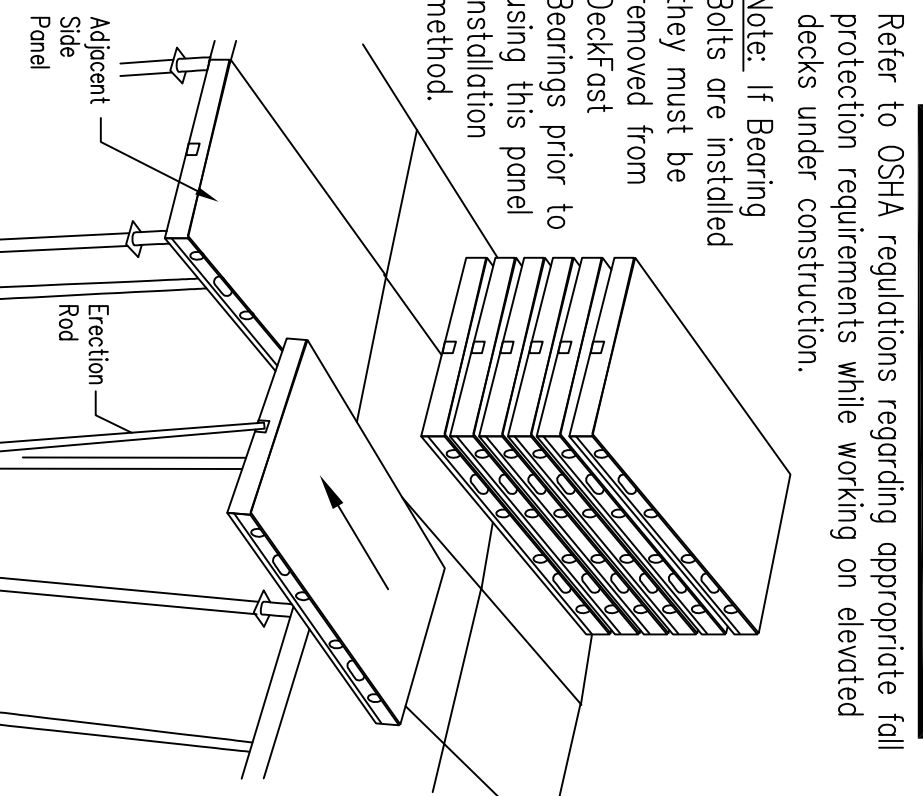
Erection Notes for High Shoring Heights from Rolling Scaffold



Disassembly

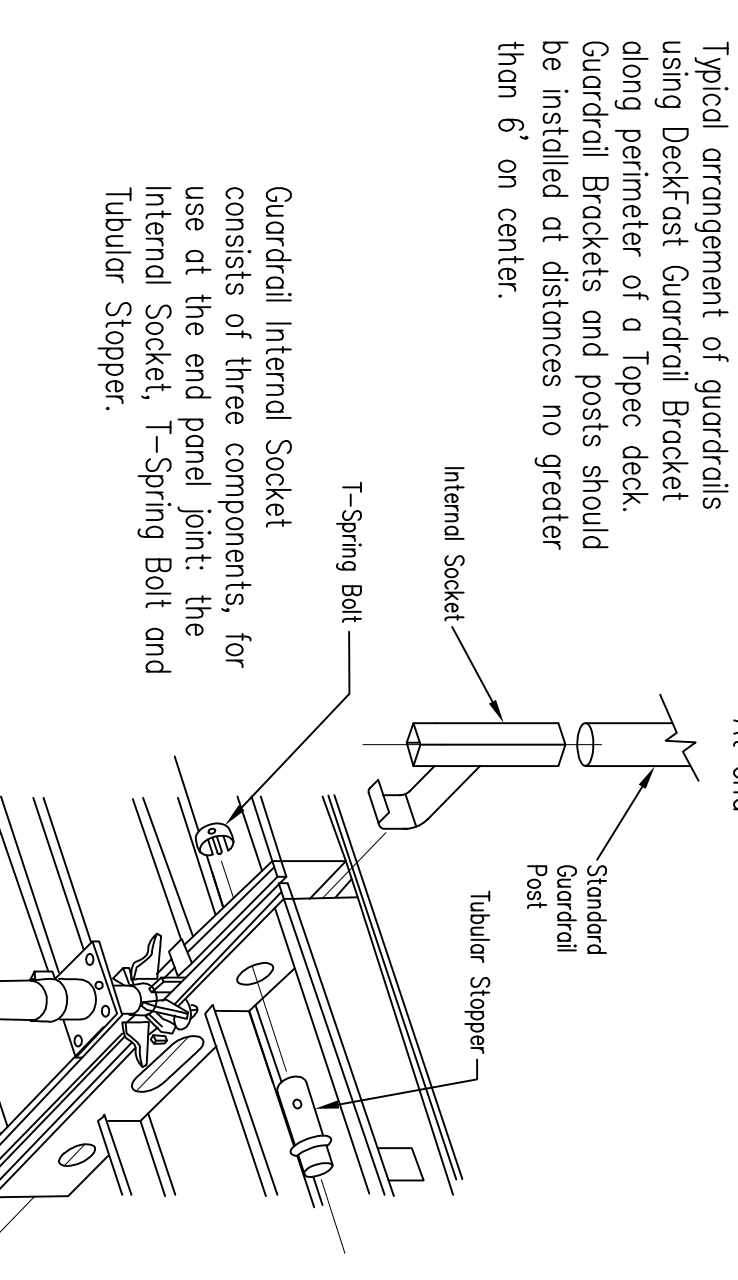
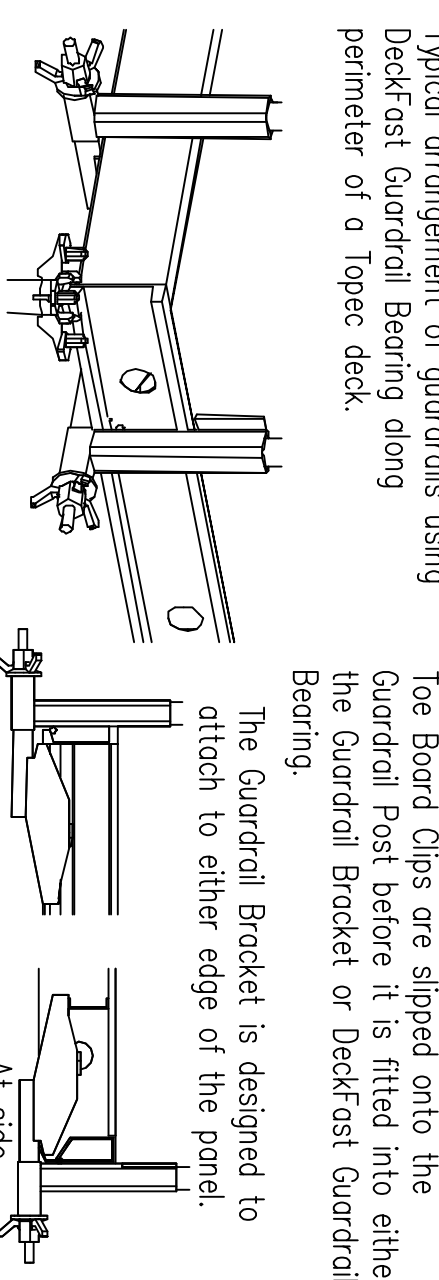
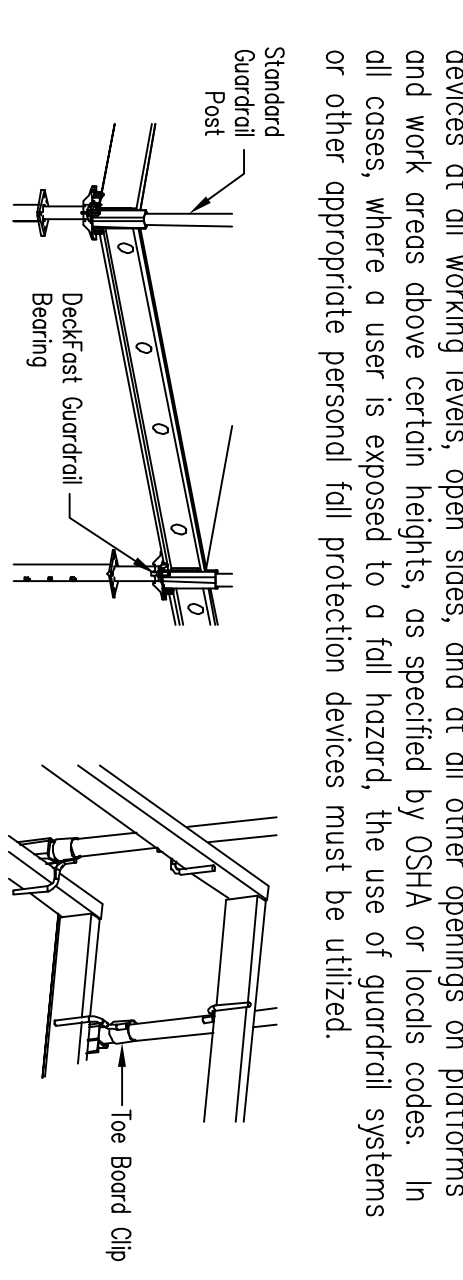


Erection Notes for Placing Panels from Above

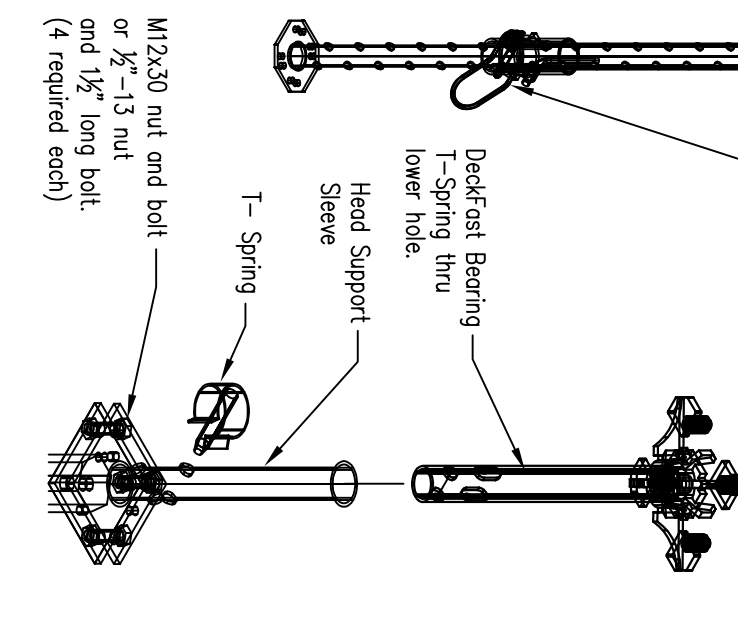
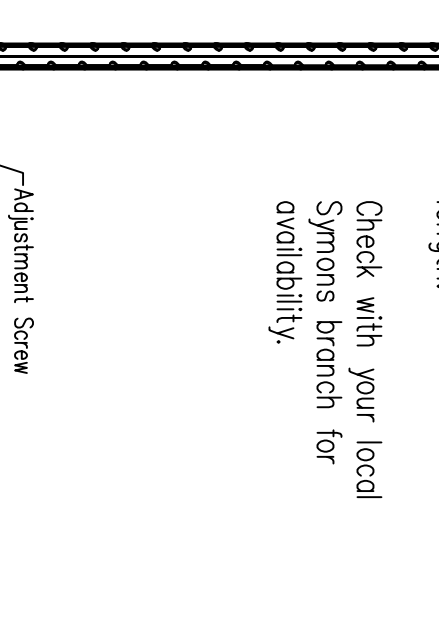
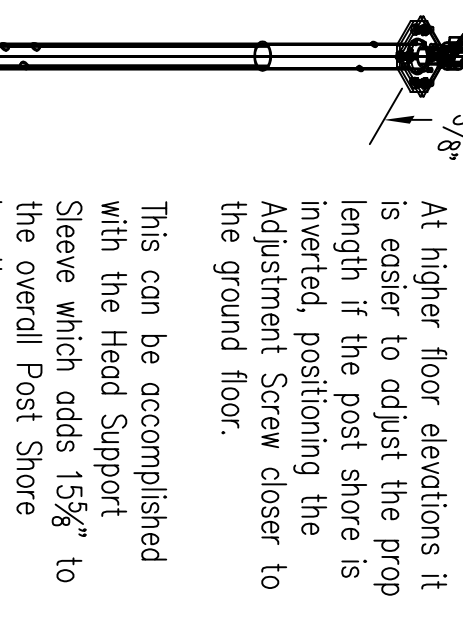


After several rows of panels have been placed, and the deck is laterally stable, stacks of up to 10 panels may be placed on the construction deck to aid in faster deck assembly. Start installing panel by sliding a panel to the exposed frame corners. While supporting the panel from below with a Erection Rod, continue to slide the panel forward. As the cantilevered panel reaches full length, support and lift the cantilevered end to capture the previously installed Deckfast Bearing which is supporting the adjacent side panel, while assuring the rear panel corners are properly seated in their Topoc Bearing Coms. Guide the last corner post shore into the unsupported panel corner, assuming the panel frame seats properly within the bearing coms.

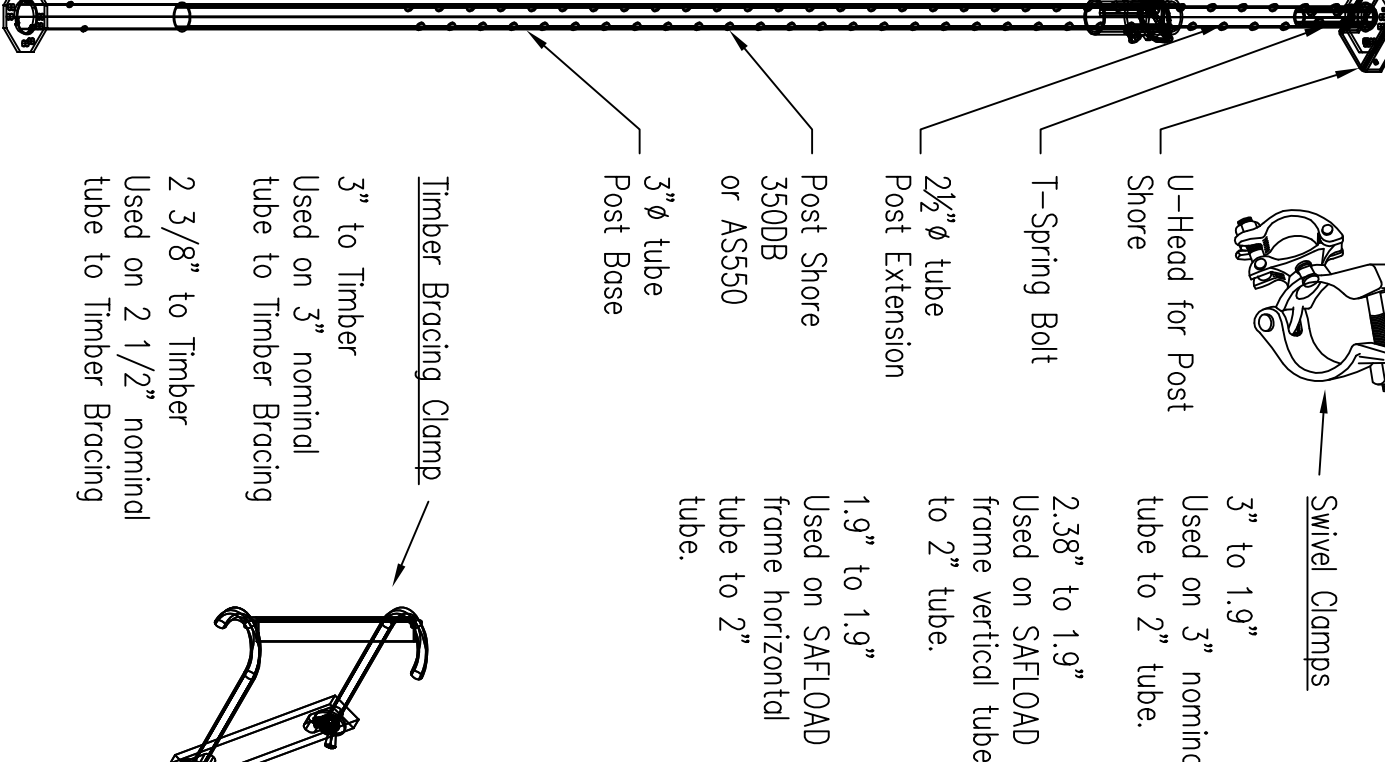
Fall Protection



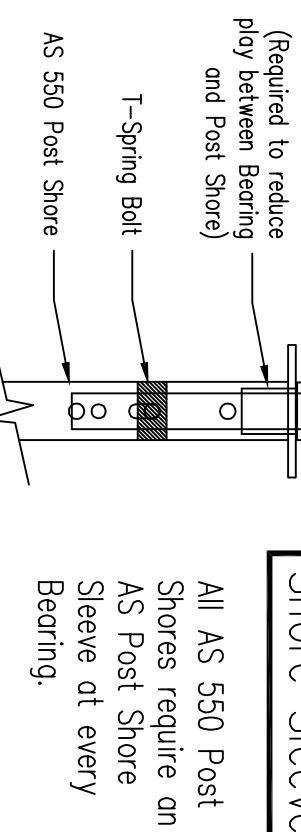
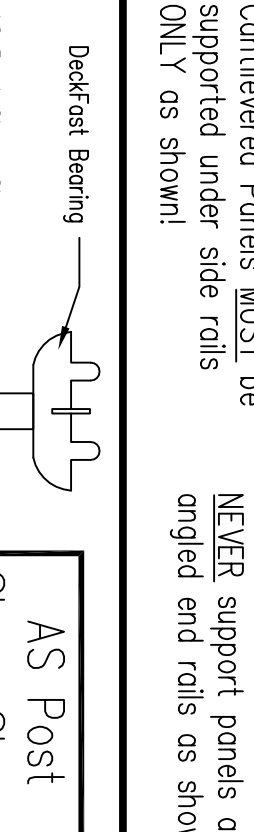
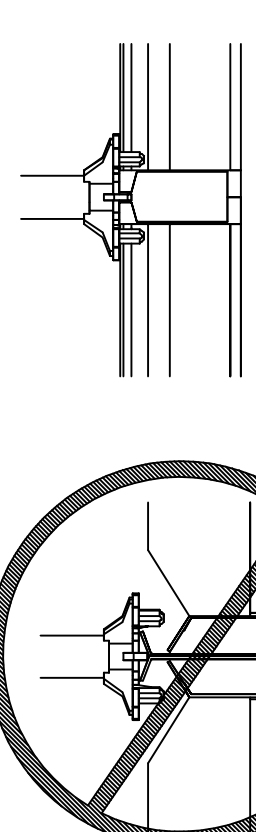
Inverting Post Shore



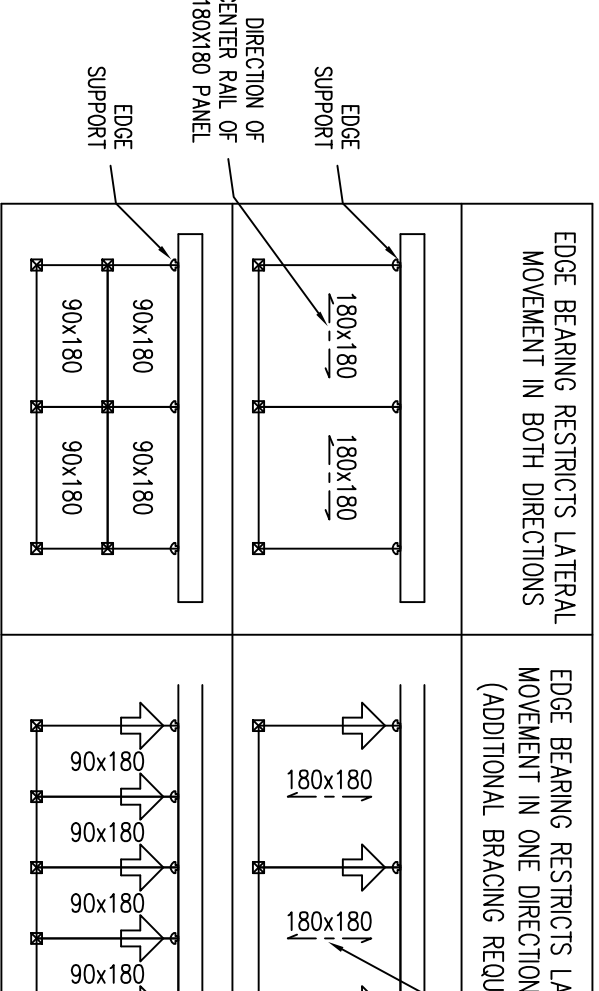
Post Shores and Accessories



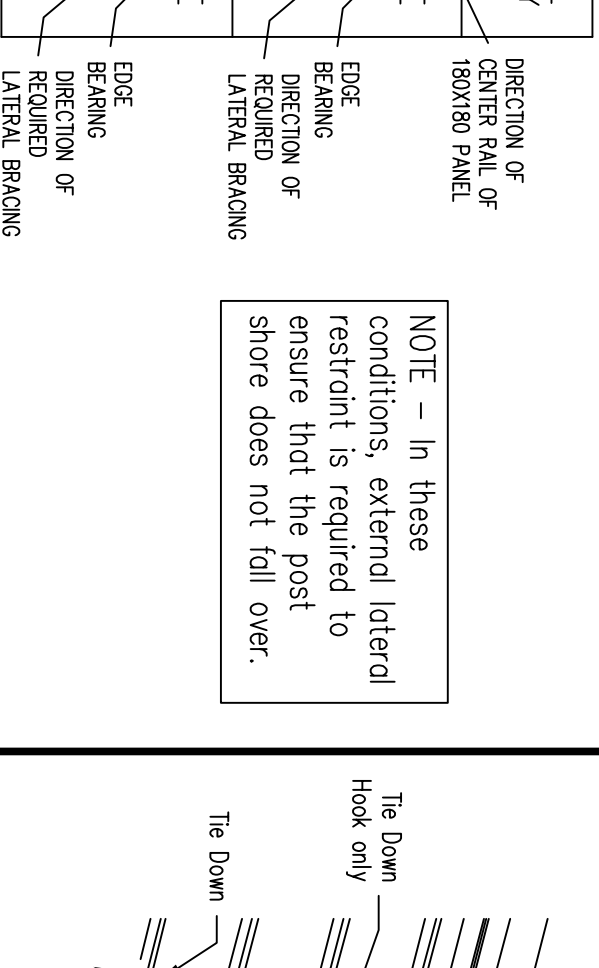
Prop Placement



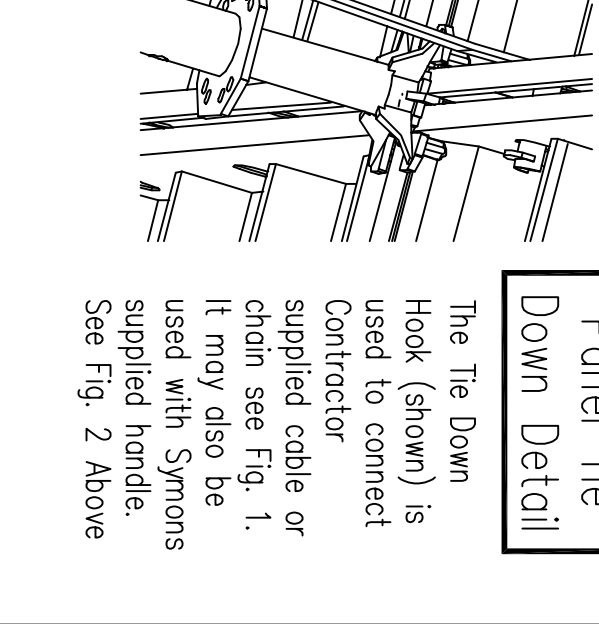
Edge Bearing Bracing Requirements



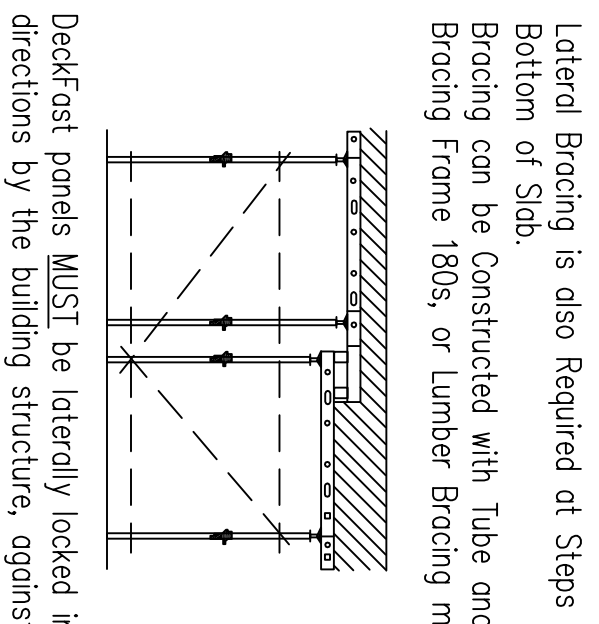
Edge Bearing Restricts Lateral Movement in Both Directions (Additional Bracing Required)



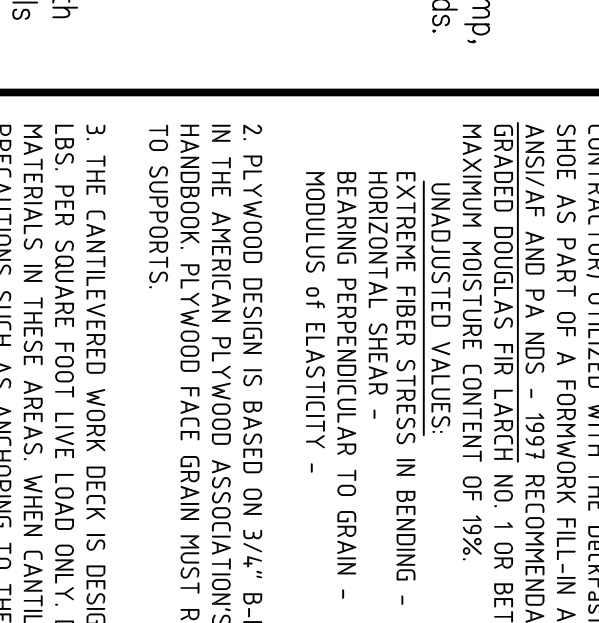
Panel Tie Down Detail



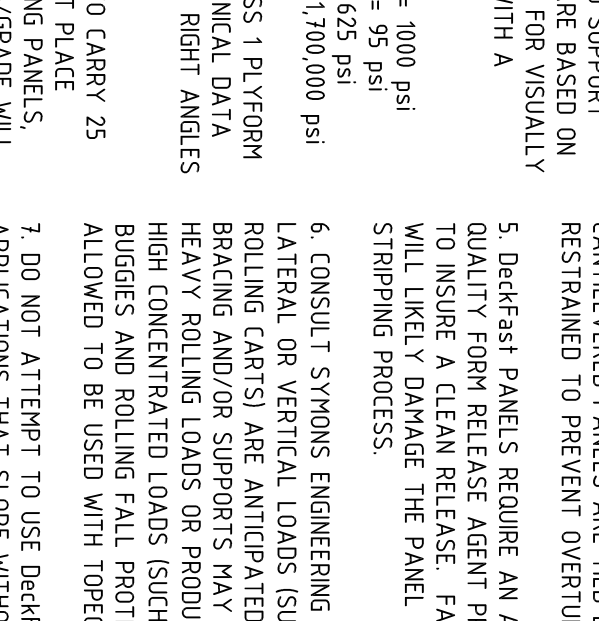
External Lateral Bracing



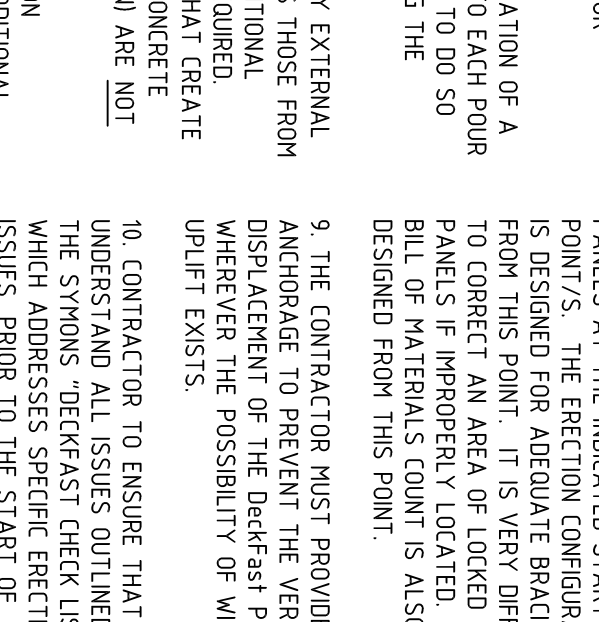
Panel Uplift



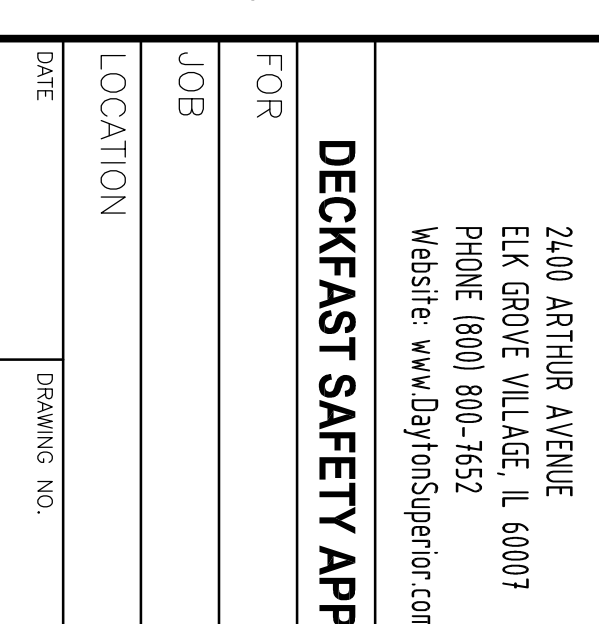
Cantilevered Panels



Fill-In Areas



Diagonal Bracing



Deckfast / Topoc Specific General Notes

- ALL 4x4 LUMBER MEMBERS TO BE SUPPORTED BY THE 1 1/2" DIA. 10' OR GREATER DIAMETER DECKFAST HEADS OR BASES ON ANGLE/IE AND PA NOS. - 1991 RECOMMENDATIONS FOR VISUALLY HAKHUNI MOISTURE CONTENT OF 19%.
- EXTRINSIC FIBER STRESS IN BENDING - $F_b = 1000 \text{ psi}$ (PERFORMANCE TO GRAIN) - $F_b = 825 \text{ psi}$ (PERFORMANCE PERPENDICULAR TO GRAIN) - $E = 610,000 \text{ psi}$ (MODULUS OF ELASTICITY)
2. PLYWOOD DESIGN IS BASED ON 3/4" - B-B CLASS 1 PLYFORM IN THE AMERICAN PLYWOOD ASSOCIATIONS TECHNICAL DATA HANDBOOK. PLYWOOD FACE GRAIN MUST RUN AT RIGHT ANGLES TO SUPPORTS.
3. THE CANTILEVERED WORK DECK IS DESIGNED TO CARRY 25 LBS. PER SQUARE FOOT LIVE LOAD ONLY. DO NOT PLACE PRECAUTIONS SUCH AS ANCHORING TO THE SLAB/GRADE WILL NEED TO BE TAKEN.
1. THE CONTRACTOR MUST ENSURE THAT ALL PANELS AT THE INDICATED START POINTS ARE BEING DOWN OR RESTRAINED TO PREVENT OVERHANGING.
5. Deckfast PANELS REQUIRE AN APPLICATION OF A QUALITY FORM RELEASE AGENT PRIOR TO EACH POUR TO INSURE A CLEAN RELEASE FAILURE TO DO SO WILL INCREASE THE PANEL DURING THE STRIPPING PROCESS.
6. CONSULT SYMONS ENGINEERING IF ANY EXTERNAL LATERAL OR VERTICAL LOADS SUCH AS THOSE FROM ROLLING CARS ARE ANTICIPATED. ADDITIONAL BRACING AND/OR SUPPORTS MAY BE REQUIRED. HEAVY ROLLING LOADS OR PRODUCTS THAT CREATE HIGH CONCENTRATED LOADS SUCH AS CONCRETE BUCKERS AND ROLLING FALL PROTECTION ARE NOT ALLOWED TO BE USED WITH TOPOC.
9. THE CONTRACTOR MUST PROVIDE ANCHORAGE TO PREVENT THE VERTICAL DISPLACEMENT OF THE DECKFAST PANELS WHEREVER THE POSSIBILITY OF WIND UPLIFT EXISTS.
10. CONTRACTOR TO ENSURE THAT THEY UNDERSTAND ALL ISSUES OUTLINED IN THE SYMONS "DECKFAST CHECK LIST" WHICH ADDRESSES SPECIFIC ERECTION ISSUES. PRIOR TO THE START OF ERECTION.

Deckfast Safety Applications

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