



DOUGLAS COUNTY ZONING & CODES DEPARTMENT

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FINAL

Douglas County Boat Dock and Swimming Platform Specifications and Criteria

1. All new boat docks must be floating boat docks. Existing stationary boat docks on piling or piers constructed of concrete, steel, or wood will be permitted to remain in place until they become unserviceable, at which point they must be repaired or removed from the lake. Swimming platforms shall be constructed and maintained to the same standards as boat docks.
2. Lumber products treated with pentachlorophenol, creosote, or Chromated copper arsenate (CCA) are prohibited in the new construction of boat docks, swimming platforms, connection walkway ramps, or in repairs of existing docks, decks, or walkways. Wood used for docks, decks, or walkway connecting ramps must be preservative-treated in accordance with the American Wood Protection Association (AWPA) standard AWPA U1. Alkaline copper quaternary (ACQ) or copper azole (CA) preservative treated wood may be used in the construction of docks, decks, and connecting walkways. Fasteners and metal connectors used with ACQ treated wood construction must be stainless steel or approved for use with ACQ treated wood.
3. A roof structure covering the dock will be allowed. No second story construction will be permitted. The roof may not be used as a second story, deck, diving platform, or usable space. Roof structures for boat docks shall be designed and constructed to support a 20# live load/10# dead load, 20# snow load.
4. Boat docks must be constructed with a flotation method or flotation devices constructed of low-density, closed-cell, rigid plastic foam, high-impact polyethylene fiberglass material; or metal and/or timber framing. On all new docks, flotation shall be of materials that will not become waterlogged (not over 1 ½ percent by volume ASTM), is resistant to damage by animals, and will not sink or contaminate the water if punctured. Foam bead flotation is authorized provided it is encased in an approved protective coating. An approved coating is defined as warranted by the manufacturer for a period of at least eight years against cracking, peeling, sloughing and deterioration from ultra violet rays, while retaining its resilience against ice and bumps by watercraft. Existing flotation will be authorized until it has severely deteriorated and is no longer serviceable or capable of supporting the structure, at which time it must be replaced with approved flotation. Metal drum buoyancy units are not permitted unless they are steam cleaned and filled with flotation foam. Any existing floating dock that uses metal drums for flotation and previously contained harmful chemicals shall be removed from the lake.
5. Floating boat docks or swimming platforms shall not extend beyond a ray extending from the private property line perpendicular to the shore. Docks shall not be longer than 40 feet with the long dimension perpendicular to the shoreline.
6. Diving platforms will be allowed, but cannot be raised more than 2' above the surface of the dock.

7. Attendant features that are necessary for the use and maintenance of the dock may be constructed as part of the dock installation, i.e. walkways, deadmen, and stairs.
8. Floating boat docks must be anchored to the shoreline with a minimum of two, 3/8-inch diameter or larger steel cables. Anchoring docks to trees is prohibited.
9. Dredging for boat access or basins, or equipment in association with boat dock construction is prohibited unless approved by the Douglas County Public Works Director.
10. No gasoline dispensing facilities or petroleum storage tanks are allowed on boat docks.
11. Electrical, hydraulic, or pneumatic connections between the dock and the shore will be permitted, but only if there is a quick-disconnect device at the shoreline. The quick-disconnect device must meet the requirements of the Chapter 13, Construction Codes of Douglas County.
12. Electric or pneumatic boat lifts are permitted as part of a boat dock. Hydraulic boat lifts are discouraged, but will also be allowed unless leaks occur that leak fluids into the lake. If leaks occur the hydraulic lift shall be immediately repaired or removed by the owner. Failure to remove the hydraulic lift when notified will void the dock permit.
13. Fill material in association with dock placement, including the volume of area excavated, for placement of walkways, stairs, and deadmen shall be limited to a total of 25 cubic yards unless permitted by the Director of Public Works.
14. Uncontaminated materials for fill, in order to minimize excessive turbidity by leaching of fines as well as to preclude the entrance of deleterious and/or toxic materials into the lake, must be used.
15. Excess concrete and wash water from concrete trucks and other concrete mixing equipment must be done at an approved site at a location where the concrete and wash water cannot enter the lake.
16. Property owners must immediately remove all marine debris, construction debris, or waste materials located on County property and dispose of such materials according to federal, state, and local rules and regulations.
17. The clearing of timber and other vegetation on County property shall be kept to the absolute minimum required to accomplish the work.
18. No fill may be placed in the lake. Upon completion of earthwork operations, persons must seed, replant or otherwise protect from erosion all fills placed on County shore property disturbed during construction.
19. Riprap, field rock, or other erosion control methods for bank protection is prohibited, unless installed by or approved by the Douglas County Public Works Director.