



CHARTER **T**OWNSHIP OF **H**ARRISON

Building, Ordinance, Planning & Zoning

**WATERFRONT CONSTRUCTION PLAN REVIEW SUBMITTAL
REQUIREMENTS**

For quicker plan review, please be sure to submit the following items. Incomplete applications will delay permit issuance.

1. Completed building and zoning permit application
2. Applicant photo ID (driver license)
3. Contractor Registration and documents; if not current
4. Copy of Michigan Department of Environmental Quality (MDEQ) permit and Army Corps of Engineering approval
5. One copy of site plan

(Following as applicable)

6. One copy of seawall plans showing compliance with Township Ordinance Chapter 94-74, Article III Waterfront Construction
7. One copy of dock, piling, hoist etc., plans showing compliance with Township Ordinance Chapter 94, Article III Waterfront Construction

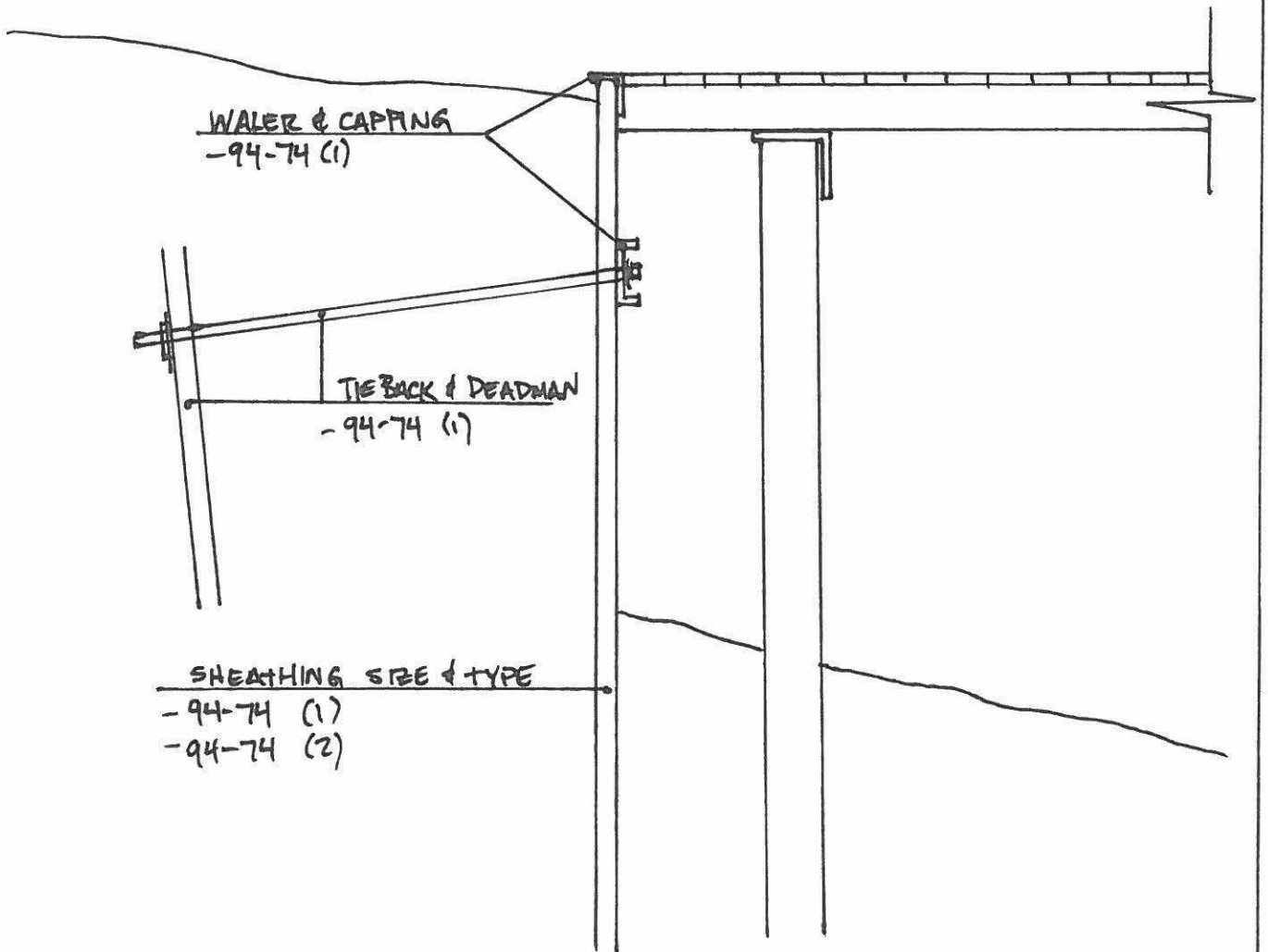
When planning your project, please review Township Zoning Ordinance Chapter 94, Article III Waterfront Construction. Below is an example of a site plan and seawall plan with references to applicable Ordinances.

If you have any questions, please contact us at (586) 466.1400 ext. 3 or email buildingdept@harrison-township.org.

Thank you,

Building Department Staff

NOTE: SEAWALL MATERIALS & CONSTRUCTION MUST COMPLY WITH TOWNSHIP ORDINANCE 94-74. PLEASE PROVIDE ALL INFORMATION SPECIFIC TO YOUR PROJECT; THESE ARE MINIMUM REQUIREMENTS



- **Sec. 94-74. - Seawalls.**

Seawall construction shall be in accordance with the following requirements:

(1)

Construction shall be a minimum of two-inch tongue-and-groove pressure-treated wood, steel minimum three-sixteenths inch, concrete or other similar material. The wall shall be complete with waler, capping, tiebacks, three-fourths inch diameter, and deadman which shall be sufficient to maintain the wall on proper line after backfilling. All wood shall be pressure-treated.

(2)

All walls shall have approximately 40 percent of the length of the sheet piling in the ground to provide stability and proper toe-in. Sheet piling in canals should be of sufficient length so that canals could be excavated to elevation 569.0. This is a minimum; and any wall other than a simple bulkhead in a canal shall be designed to take into account weight or backfill, any surcharge due to parking, buildings, etc. This minimum is based on average ground conditions, and specific design should be required for any unusual conditions.

(Comp. Ords. 1988, § 22.743; Ord. No. 358, 3-25-2008; Ord. No. 375, § 1, 12-12-2011; Ord. No. 383, 11-10-2014)