



Charter Township of Harrison

BUILDING, ORDINANCE, PLANNING & ZONING

Phone: (586)466-1430

Fax: (586)465-2618

WATERFRONT CONSTRUCTION PLAN REVIEW SUBMITTAL REQUIREMENTS

For quicker plan review turn-around, please be sure to review and submit the following items. Please note: incomplete information may delay permit issuances,

1. Completed building permit application & applicant's photo I.D
2. Completed contractor's registration form and required documents, if applicable.
3. 1 copy of proposed site plan.
4. 1 copy of Michigan Department of Environmental Quality (MDEQ) permit.
5. 1 copy of Army Corps of Engineering approval.

Please include the following items if applicable:

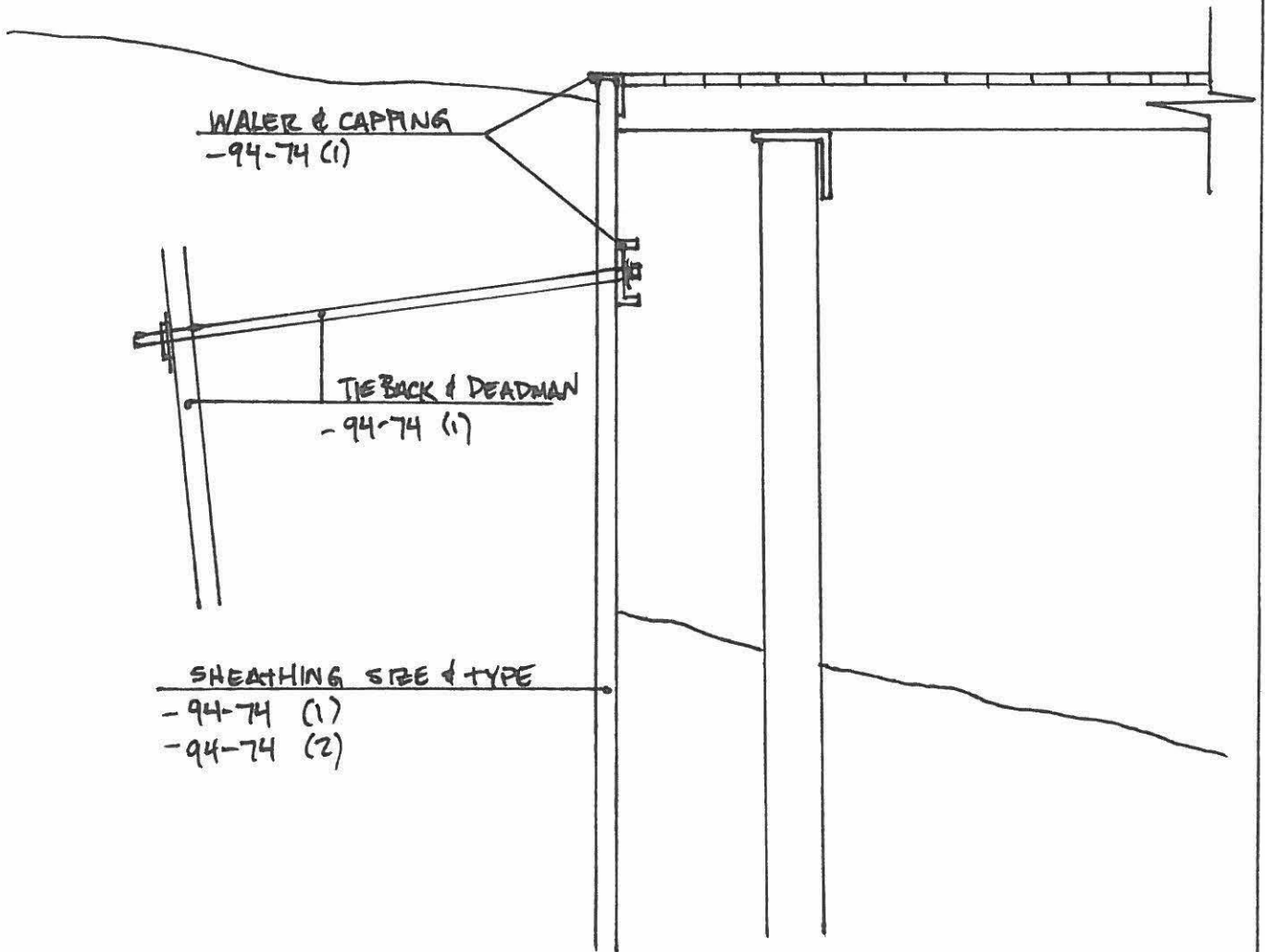
6. 1 copy of seawall plans showing compliance with the Township Ordinance
 - Chapter 94-74, Article III – Waterfront Construction
7. 1 copy of dock, piling, hoist, etc. plans showing compliance with the Township Ordinance
 - Chapter 94, Article III – Waterfront Construction

When planning your project, please review the Township Ordinance requirements addressed in Chapter 94, Article III. Please see the following pages for an example of a site plan and seawall plan with references to applicable ordinances.

If you have any questions, please feel free to contact us at (586) 466-1400 ext. 5 or email us at 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)