

# TOWN OF PLAINFIELD ZONING AND BUILDING PERMIT APPLICATION



**Property Owner:**

Name:  Phone:

Street:  Email:

City State Zip:

**Project:** **Permit Type:** (Check one)  Building  Zoning

Street Address:

Tax Map:  Lot Number:  Lot Acreage:  Zoning District:

Proposed project distances to property lines (in feet): Front:  Rear:  Side:  Side:

State Approved Septic Design #:  Driveway Permit #:

Please provide a written description of the project including appropriate dimensions:

**Contractor Information:**

<b>Builder:</b>	<b>Electrician:</b>	<b>Plumber:</b>
Name: <input type="text" value="Chris Goodell"/>	Name: <input type="text"/>	Name: <input type="text"/>
Phone: <input type="text" value="(800) 437-7189"/>	Phone: <input type="text"/>	Phone: <input type="text"/>

Applicant Signature: *Ed Wanka* Date: 11/8/2019

**Required Attachments:**  
 Please provide a copy of plans detailing the project. Hand-drawn plans can be used if necessary. Permits cannot be issued without receipt of the proper fee. If you are unsure of the amount due or have any questions about your application, contact the town office (603-469-3201).

**TOWN USE:** Current Use: Yes / No ZBA: Yes / No PB: Yes / No

**BOARD OF SELECTMEN ACTION**

Reviewed By Building Inspector or Zoning Administrator: *[Signature]*

Approved  Denied

Permit #: 2019-81 Date: 11/12/19

## Design of New ADA Ramp at the Meriden Congregational Church Sanctuary

Please refer to **Figure 1. Ramp Layout** while reviewing this design.

The ramp is a PATHWAY® 3G Modular Access System aluminum ramp installed by Level Ramping Solutions. See the included two specification sheets for the Pathway system, "Pathway Spec Sheet" and "PATHWAY-3G-TECHNICAL--ARCHITECTURAL-SPECIFICATIONS-12-11-18". You can see an example of the ramp construction from the photo (**Figure 2. 1336 County Rd. Windsor**) which is a VA compliant ramp from the same supplier.

The designation of the landings on the diagram (MP45, MP55, MP85TB) indicates the size of the landing. The MP signifies Modular Platform, the first number is the width of the platform, the second is the length. So MP45 is a 4 foot by 5 foot landing, MP55 is 5 foot by 5 foot, and MP85TB is 8 foot by 5 foot.

The ramp is a replacement for the existing wooden ramp on the north east side of the Meriden Congregational Church sanctuary building. There is a flight of stone steps and a door at this location. The ramp extends above the stone steps (which are no longer used) over a lawn to a landing pad next to the asphalt driveway around the church. The driveway is shown in a blue-gray color in the diagram.

At the door sill there is 4-foot by 5-foot landing. The width of the ramp at the door is constrained to 61" by the granite curbs on the existing steps. However, the user is not turning on that platform, but going straight, and ADA allows for a 4' width in those cases, especially as the door is an in-swing door. Rubber mats on each side of the door sill will make it easier for a wheelchair to roll over the sill.

From the landing at the door there is a 3-foot ramp to a 5-foot by 5-foot landing. This is followed by a 14-foot ramp to a 5-foot by 8-foot landing. The final ramp from this landing to the landing pad at ground level is 28 feet long. The landing pad that abuts the asphalt driveway is 54 inches wide and 5 feet long.

The effective width of the ramp available to a wheelchair is 36 inches.

The rise of the ramp from the landing pad to the church door is 45 inches. The rise of the ramp is achieved using the 3 foot, 6 foot, and 8 foot sections. From the landing pad next to the driveway to the first landing (MP85TB) the rise is 28 inches. From landing MP85TB to landing MP55 the rise is 14 inches, and the final rise from landing MP55 to landing MP45 is 3 inches.

There are three locations for a "post brace" (identified by a red dot on the layout). The "post brace" is angle bracing that is necessary for support posts that are over 36". The three ovals labelled 7, 45 and 39 refer to post lengths (in inches) in the various areas.

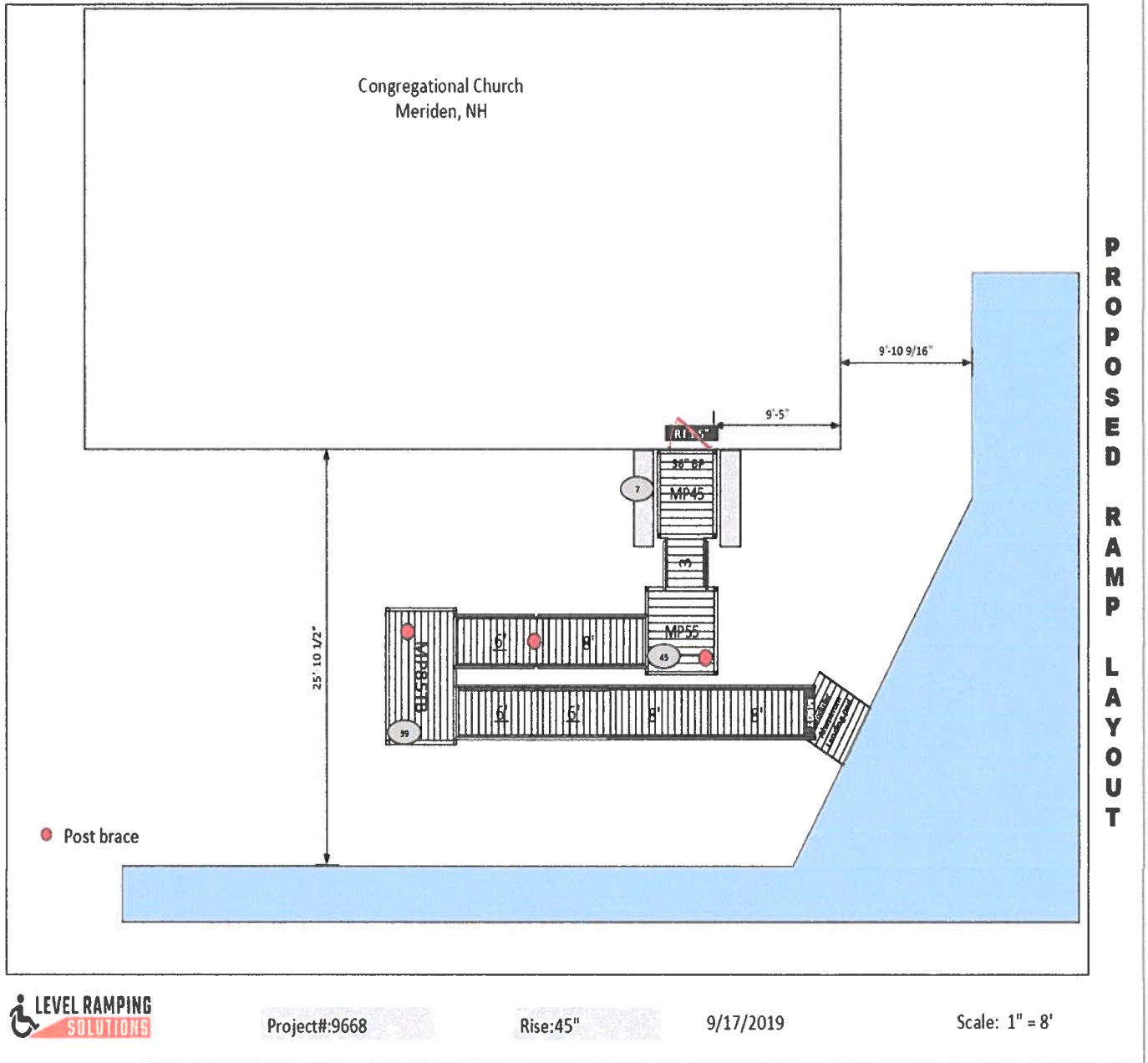


Figure 1. Ramp Layout



*Figure 2. 1336 County Rd. Windsor*