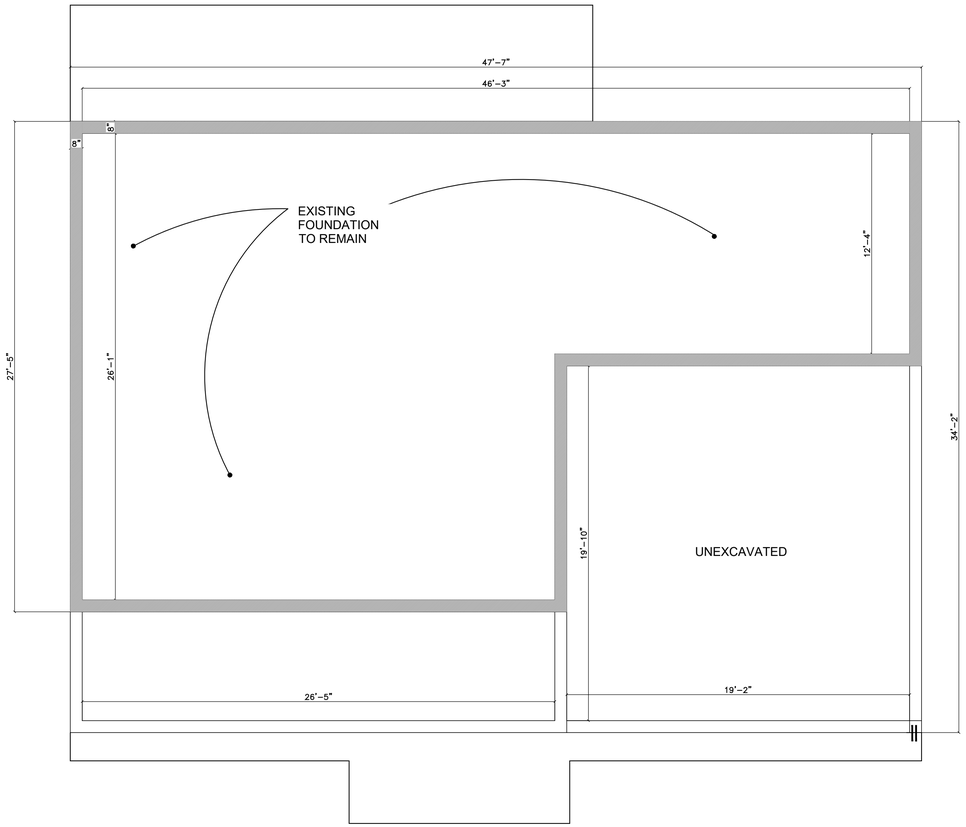
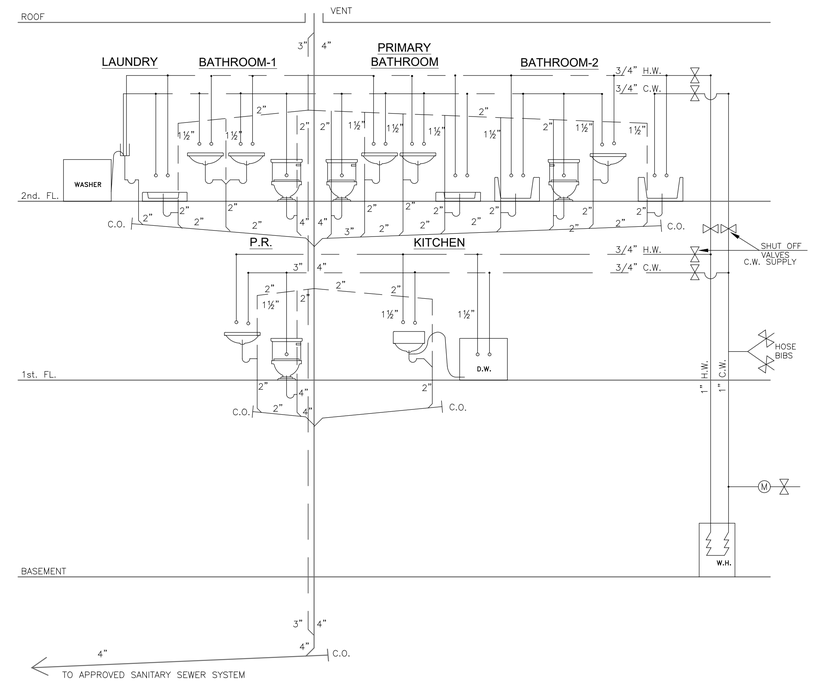



1 EXISTING BASEMENT PLAN

SCALE: 1/4"=1'-0"




2 PLUMBING RISER DIAGRAM

N.T.S

Generated by RES*check-Web* Software

## Compliance Certificate

Project 63 Hamilton Ave.

| | |
|---|---|
| Energy Code: | **2021 IECC** |
| Location: | **Tappan, New York** |
| Construction Type: | **Single-family** |
| Project Type: | **Addition** |
| Climate Zone: | **5 (5199 HDD)** |
| Permit Date: | |
| Permit Number: | |
| All Electric | **false** |
| Is Renewable | **false** |
| Has Charger | **false** |
| Has Battery: | **false** |
| Has Heat Pump: | **false** |

Construction Site:
63 Hamilton Ave.
Tappan, NY 10983

Owner/Agent:

Designer/Contractor:
Rafael Danon
Danon Group
1218 Warrens Way
Wanaque, NJ 07465
201-681-7777
danongroup@aol.com

**Compliance: Passes using UA trade-off**

Compliance: **1.2% Better Than Code** Maximum UA: **508** Your UA: **477**

The % Better or Worse Than Code Index reflects how close to compliance the house is based on code trade-off rules.
It DOES NOT provide an estimate of energy use or cost relative to a minimum-code home.

Slab-on-grade tradeoffs are no longer considered in the UA or performance compliance path in REScheck. Each slab-on-grade assembly in the specified climate zone must meet the minimum energy code insulation R-value and depth requirements.

### Envelope Assemblies

| Assembly | Gross Area or Perimeter | Cavity R-Value | Cont. R-Value | Prop. U-Factor | Req. U-Factor | Prop. UA | Req. UA |
|---|---|---|---|---|---|---|---|
| Ceiling: Flat Ceiling or Scissor Truss | 1,884 | 49.0 | 0.0 | 0.026 | 0.024 | 49 | 45 |
| Front Wall: Wood Frame, 16" o.c. | 1,010 | 21.0 | 5.0 | 0.043 | 0.045 | 37 | 39 |
| FW - Door: Glass Door (over 50% glazing) | 21 | | | 0.280 | 0.300 | 6 | 6 |
| FW - Window: Metal Frame | 127 | | | 0.280 | 0.300 | 36 | 38 |
| Right Side Wall: Wood Frame, 16" o.c. | 936 | 21.0 | 5.0 | 0.043 | 0.045 | 37 | 38 |
| RW - Window: Metal Frame | 84 | | | 0.280 | 0.300 | 24 | 25 |
| Back Wall: Wood Frame, 16" o.c. | 1,053 | 21.0 | 5.0 | 0.043 | 0.045 | 20 | 21 |
| BW - Door: Glass Door (over 50% glazing) | 96 | | | 0.280 | 0.300 | 27 | 29 |
| BW - Door: Glass Door (over 50% glazing) | 96 | | | 0.280 | 0.300 | 27 | 29 |

Project Title: 63 Hamilton Ave.
Data filename:

Report date: 05/17/24
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| Assembly | Gross Area or Perimeter | Cavity R-Value | Cont. R-Value | Prop. U-Factor | Req. U-Factor | Prop. UA | Req. UA |
|---|---|---|---|---|---|---|---|
| BW - Window: Metal Frame | 196 | | | 0.280 | 0.300 | 55 | 59 |
| BW - Window: Metal Frame | 196 | | | 0.280 | 0.300 | 55 | 59 |
| Left Side Wall: Wood Frame, 16" o.c. | 968 | 21.0 | 5.0 | 0.043 | 0.045 | 39 | 41 |
| LW - Window: Metal Frame | 57 | | | 0.280 | 0.300 | 16 | 17 |
| Floor - 1: All-Wood Joist/Truss | 1,420 | 38.0 | 0.0 | 0.026 | 0.033 | 37 | 47 |
| Floor - 2: All-Wood Joist/Truss | 464 | 38.0 | 0.0 | 0.026 | 0.033 | 12 | 15 |

### Additional Efficiency Package(s)

Not applicable

| Description | Credits |
|---|---|
| Efficient Thermal Distribution Performance | 1.0 |
| Efficient Air Sealing and Ventilation Performance | 1.0 |
| Efficient HVAC Performance | 1.0 |
| Efficient Service Water Heating Performance | 1.0 |
| Enhanced Envelope Performance | 1.0 |

Compliance Statement: The proposed building design described here is consistent with the building plans, specifications, and other calculations submitted with the permit application. The proposed building has been designed to meet the 2021 IECC requirements in REScheck Version : REScheck-Web and to comply with the mandatory requirements listed in the REScheck Inspection Checklist.

Name - Title Signature Date

OWNER

WRIGHT RESIDENCE

63 HAMILTON AVE.
TAPPAN , NY

ARCHITECT:

DANON GROUP
TEL. (201) 681-7777
1218 WARRENS WAY, WANAQUE, NJ 07465

OPHIR DESIGN CONCEPTS
OPHIR RAYMOND
845.323.6464

DRAWING TITLE:
EXISTING BASEMENT, ELECTRICAL & PLUMBING RISER DIAGRAM

PROJECT TITLE:
ADDITION ALTERATIONS

ISSUED/REVISION DATE:

| ISSUED: | JULY-21-2024 | BUILDING PERMITS |
|---|---|---|

SEAL

DRAWING NO:
A-1

SCALE: AS NOTED