38 LATHAM COURT
NEW ADDITION
BURLINGTON, VERMONT

3.0 ACH50 (TESTED)
100%

INSIDE THERMAL BOUNDARY
IN WHOLE OR IN PART,
THE CONTENT THEREOF USED,
WITHOUT THE PRIOR WRITTEN
PROPERTY OF G4 DESIGN

STAIR NOTES:
1) ALL DIMENSIONS ARE TO FACE OF INTERIOR WALL
2) NEW HANDRAILS SHALL BE NOT LESS THAN 34" AND NOT MORE THAN 38"
STUD AND EXTERIOR WALL STUD. FIELD VERIFY ALL
ABOVE THE SURFACE OF THE TREAD, MEASURED VERTICALLY TO THE TOP OF
THE RAIL FROM THE LEADING EDGE OF THE TREAD.
3) DISCREPANCIES TO ARCHITECT/DESIGNER.

MARK MCGEE
4/26/2021
DATE:

DRAWING FOR CONSTRUCTION
A-0

PER LIFE SAFETY SECTION 7.2.2.3.5: RISER HEIGHT SHALL BE MEASURED AS
THE VERTICAL DISTANCE BETWEEN TREAD NOSINGS. TREAD DEPTH SHALL BE
REQUIRED GUARDS AND HANDRAILS SHALL CONTINUE FOR THE FULL LENGTH
OF OUTLETS, LIGHTING FIXTURES, CABLE, INTERNET

REQUIRES BARS AND HANDRAILS SHALL CONTINUE FROM THE FULL LENGTH
OF EACH SIDE OF DOORS IN WALK-OUT BASEMENTS. UNLESS HANDRAILS SHALL BE CONTINUOUS BETWEEN SIGHTLY LOADINGS.

THE MAXIMUM HEIGHT OF MICRORAIL BETWEEN THE CEILINGS IS 7.75" OR BETWEEN THE LARGEST AND SMALLEST TREADS DEPTH SHALL NOT EXCEED
THE VERTICAL DISTANCE BETWEEN TREAD NOSINGS. TREAD DEPTH SHALL BE
10) MAXIMUM HEIGHT BETWEEN LANDINGS CAN ONLY BE 12'
11) MAXIMUM HEADROOM MUST BE 6'
12) THE TRIANGULAR OPENING FORMED BY THE RISERS, TREAD AND BOTTOM
ELEMENT OF THE GUARDRAIL AT THE OPEN SIDE OF A STAIR SHALL BE OF
A SPHERE 4" IN DIA. IS NOT ABLE TO PASS THROUGH ANY OPENING UP TO A
HEIGHT OF 34".
13) THE UNITS SHOWN ARE MEASUREMENTS OR DESIGNATION OF OUTLETS, LIGHTING FIXTURES, CABLE, INTERNET

SOUND INSULATED.

SHEET TITLE: THIS DRAWING IS THE
REFERENCES:

1) NEW HANDRAILS SHALL BE NOT LESS THAN 34" AND NOT MORE THAN 34" ABOVE THE SURFACE OF THE TREAD MEASURED VERTICALLY TO THE TOP OF
THE RAIL FROM THE LEADING EDGE OF THE TREAD.
2) HANDRAILS SHALL HAVE A CIRCULAR-CROSS SECTION WITH AN EXTERNAL DIAMETER OF NOT LESS THAN 1 1/4" AND NOT MORE THAN 2".
3) PER LIGHT SAFETY SECTION 7.2.2.3.5: RISER HEIGHT SHALL BE MEASURED AS
THE VERTICAL DISTANCE BETWEEN TREAD NOSINGS. TREAD DEPTH SHALL BE
MEASURED HORIZONTALLY, BETWEEN THE VERTICAL PLANES OF THE
WATERSHIELD AT RIDGE, VALLEYS AND EDGE OF

THE RAIL FROM THE LEADING EDGE OF THE TREAD.

MARK MCGEE
4/26/2021
DATE:
38 LATHAM COURT
MARK McGEE
BURLINGTON, VERMONT

**NOTES:**
1) Window & door sizes noted in feet & inches, width & height. For example: DH2640 means Double Hung 2' - 6" wide by 4' - 0" tall.
2) G4 Design is not responsible for accuracy of any site features shown, existing or proposed. Refer to Civil Engineer for official survey & site plan.
3) Boundaries shown herein were derived from Reference #1

**REFERENCES:**

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**ZONING INFORMATION:**

ZONE: RESIDENTIAL LOW DENSITY (RL)

MAX LOT COVERAGE: 39.2% (EXISTING IS GRANDFATHERED)

- PROPOSED DRIVEWAY = +/- 294 sqft
- PROPOSED SHOP = +/- 395 sqft

TOTAL = +/- 1,624 sqft (38.5% COVERAGE)

ACTUAL LOT COVERAGE:
- EXIST. HOUSE = +/- 935 sqft
- PROPOSED DRIVEWAY = +/- 294 sqft
- PROPOSED SHOP = +/- 395 sqft

TOTAL = +/- 1,624 sqft (38.5% COVERAGE)

ACTUAL ACCESSORY COVERAGE:
- EXIST. PORCH = 119.6 sqft
- EXIST. PORCH STEPS = +/- 5.8 sqft
- PROPOSED SHOP WALKWAY = +/- 17.5 sqft

TOTAL = +/- 142.9 sqft (3% COVERAGE)

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