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Project number	111325
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Date MAY 25 2020

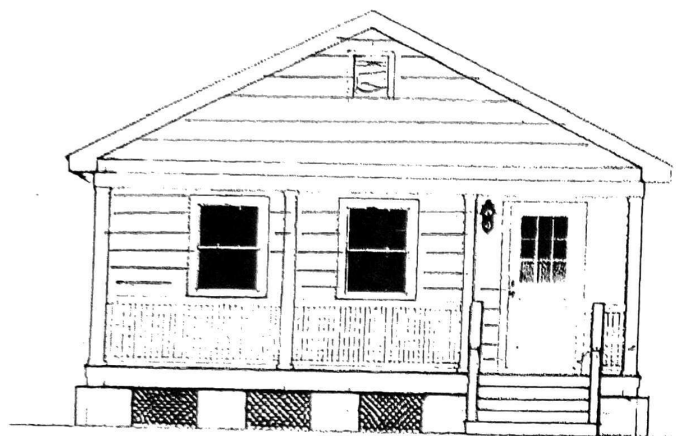
Drawn by	Author
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A8

Scale $1/4" = 1'-4"$





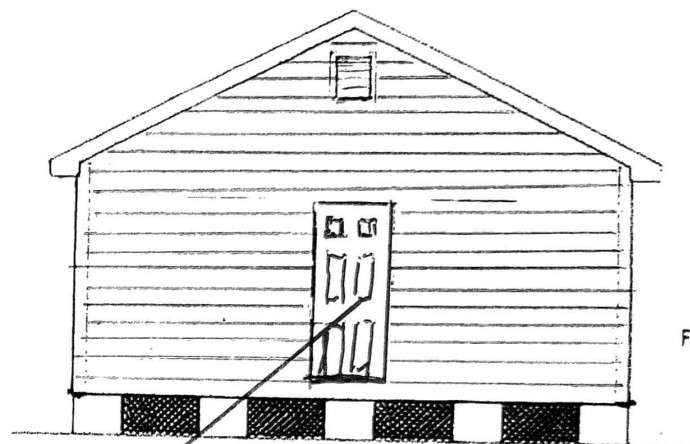
RIDGE
16'-2"

TOP PLATE
8'-1 1/8"

FINISH FLOOR
1'-0"

GRADE
0'-0"

FRONT ELEVATION
(FRONT DOOR TO RIGHT)
SHOWING FRONT PORCH WITH HAND RAILS



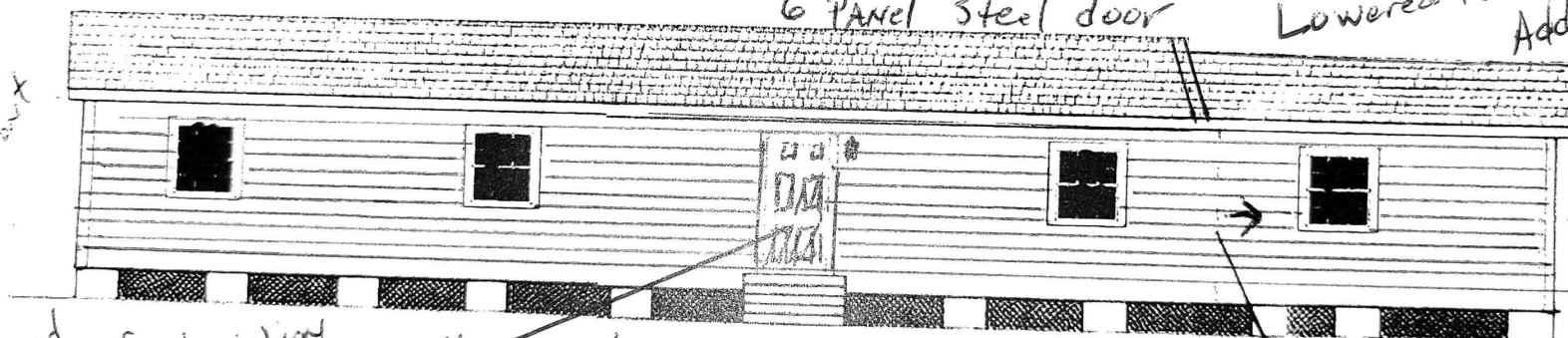
RIDGE
16'-2"

TOP PLATE
8'-1 1/8"

FINISH FLOOR
1'-0"

GRADE
0'-0"

REAR ELEVATION
(NO DOOR)



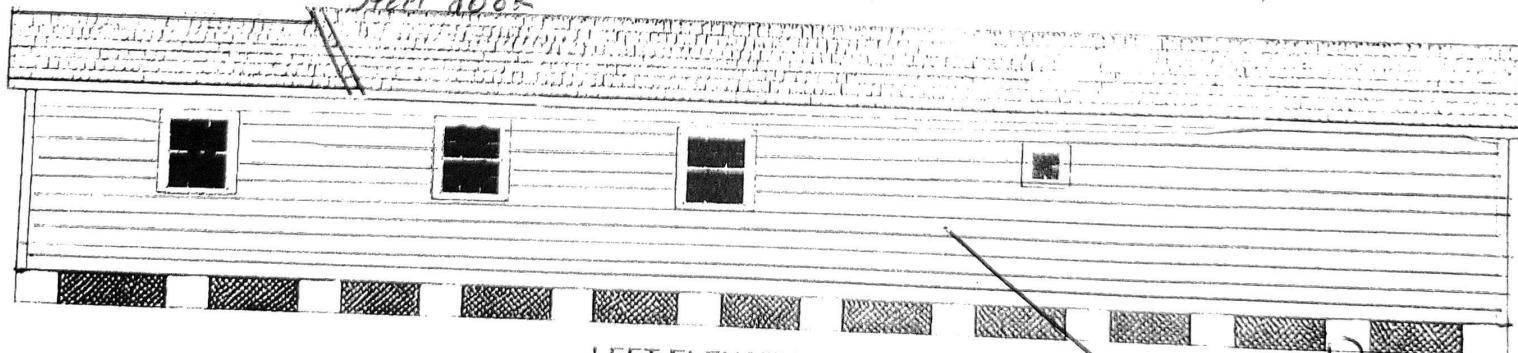
RIDGE
16'-2"

TOP PLATE
8'-1 1/8"

FINISH FLOOR
1'-0"

GRADE
0'-0"

RIGHT ELEVATION
(4 WINDOWS AND 1 DOOR)



RIDGE
16'-2"

TOP PLATE
8'-1 1/8"

FINISH FLOOR
1'-0"

GRADE
0'-0"

LEFT ELEVATION
(NO DOOR)

Rear 36" 6 Panel Steel door

Lowered Roof At Addition

Lowered Roof At Addition

36" 6 Panel Steel door

New Addition

*(Smooth)
1 x 8 Cement Board
7" Reveal*

THE CURRENT STATE MINIMUM STANDARD CODES
THE FOLLOWING ARE THE CURRENT STATE MINIMUM STANDARD CODES FOR CONSTRUCTION
AS ADOPTED BY THE BOARD OF COMMUNITY AFFAIRS.

CONCRETE TANKAGE CODES FOR ASSESSMENT BY A.C.T.
-INTERNATIONAL RESIDENTIAL CODE, 2018 EDITION, WITH GEORGIA AMENDMENTS (2020), (2021), (2024)
-INTERNATIONAL FUEL GAS CODE, 2018 EDITION, WITH GEORGIA AMENDMENTS (2020), (2021), (2024)
-INTERNATIONAL MECHANICAL CODE, 2018 EDITION, WITH GEORGIA AMENDMENTS (2020), (2024)
-NATIONAL ELECTRICAL CODE, 2023 EDITION, WITH GEORGIA AMENDMENTS.

-INTERNATIONAL PLUMBING CODE, 2024 EDITION, WITH GEORGIA AMENDMENTS (2020), (2021), (2023), (2024)
-INTERNATIONAL MECHANICAL, PLUMBING, GAS AND SPS CODE, 2018 EDITION, WITH GEORGIA AMENDMENTS (2020)
-INTERNATIONAL MECHANICAL PLUMBING CONSERVATION CODE, 2013 EDITION, WITH GEORGIA SUPPLEMENTS AND AMENDMENTS (2020), (2021), (2023)

-INTERNATIONAL EXISTING BUILDING CODE, 2018 EDITION, WITH GEORGIA AMENDMENTS (2021)
-NFPA 251 / LIFE SAFETY CODE, 2024 EDITION.

-INTERNATIONAL FIRE CODE, 2018 EDITION (CONTACT STATE FIRE MARSHAL, BELLING)
-INTERNATIONAL PROPERTY MAINTENANCE CODE, 2018 EDITION, WITH GEORGIA AMENDMENTS (2021)
-GEORGIA ACCESSIBILITY CODE 120-8-40 (2010)-(08)
ADA 2010.
COUNCIL 120-9-1-31

-EARTH PRESSURE: BASED ON THE MINIMUM SOIL SITE CLASS D,
-MINIMUM SURCHARGE FOR GARDENING PLUS THE SUPER IMPOSED DEAD LOAD

LIVE LOAD:	
LIVING SPACE	40PSF
CORRIDOR	100PSF
STAIR CASE	100PSF
SUPER IMPOSED OF THE ROOF	20PSF

WIND LOADS:
(WIND FORCE CONTROLS FOR THE BASE SHEAR,
SEISMIC FORCE DOES NOT CONTROL)
A. LOADS BASED ON ASCE 7-35 WIND LOAD CRITERIA
BASIC WIND SPEED, 3 SECOND GUST, 135 MPH
HURRICANE PRONE REGION, YES
WINDBORNE DEBRIS REGION, YES
BUILDING CLASSIFICATION CATEGORY, II
IMPORTANCE FACTOR, 1.00
INTERNAL PRESSURE COEFFICIENT, +/- 0.18
WIND EXPOSURE CATEGORY, C (WORST CASE)
WIND TOPOGRAPHIC FACTOR, K_{zt} , 1.0
NET WIND PRESSURE ON THE ROOF, 35PSF
NET WIND PRESSURE ON THE WALL, 34PSF

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SEISMIC:
RISK CATEGORY .....H
IMPORTANCE FACTOR .....I=1.00
SITE CLASS .....D
S1 .....0.306
S1 .....0.112
SD0.5 .....0.317
SD1 .....0.177
R .....6.5; Cd .....4.00 and Cs .....0.0488
BASE SHEAR EACH ORTHOGONAL DIRECTION .....V=0.0488W
SEISMIC DESIGN CATEGORY (SDC) .....C
ANALYSIS PROCEDURE USED: EQUIVALENT LATERAL FORCE.

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1.1 BACKFILL MATERIALS SHALL BE FREE OF ORGANICS AND BOULDERS. SHALL CONSIST OF ONE OF THE FOLLOWING INORGANIC SOIL TYPES ACCORDING TO THEIR USCS DESIGNATIONS (GP, GW, SW, SP, SW). THE FILL MATERIAL MUST ALSO MEET THE GRADATION BELOW AND HAVE A MINIMUM INTERNAL ANGLE OF FRICTION 28 DEGREES.

SIEVE SIZE	PERCENT PASSING
3/4-INCH	75-100
No. 4	20-100
No. 40	0-60
No. 200	0-35

1.2 MATERIALS PASSING THE No.40 SIEVE SHOULD HAVE A LIQUID LIMIT LESS THAN 35 AND A PLASTICITY INDEX LESS THAN 10. THE pH OF THE BACKFILL MATERIAL SHALL BE BETWEEN 6 AND 8 WHEN TESTED IN ACCORDANCE WITH ASTM G 51.

1.3 BACKFILL SHALL BE PLACED IN HORIZONTAL LAYERS AND COMPACTED TO MAXIMUM 8-INCH LAYS BY GEOTECHNICAL ENGINEER OF THE PROJECT SPECIFICATIONS:

- (1) PERCENTAGE OF THE MAXIMUM STANDARD PROCTOR ASTM D698, FINE GRAINED (SP. SW) SOILS TO A MINIMUM OF 95 PERCENT OF THE MAXIMUM STANDARD PROCTOR RESULT IN $\geq 2-3$ PERCENT OF OPTIMUM MOISTURE CONTENT, WHICHEVER IS GREATER
- (2) COARSE GRAINED (GP, GK, SW) SOILS TO A MINIMUM OF 98 PERCENT OF THE MAXIMUM STANDARD PROCTOR
- (3) 90 PERCENT RELATIVE DENSITY AS PER ASTM 4254 (GP, GK, SP, SW SOILS).

1.4 HAND OPERATED/BLOWE CONTROLES COMPACTOR TO BE USED WITHIN 5 FEET OF WALL. DO NOT USE HEAVY EQUIPMENT TO COMPACT SOILS WITH 5 FEET OF WALL.

ASCE

Address:
910 W 16th St
Savannah, Georgia
31415

Standard: ASCE/SEI 7-16

Risk Category: I

Soil Class: C Default (see Section 11.4.3)

Latitude: 32.569159

Longitude: -81.119223

Elevation: 32.35509/70294309 ft (NAVD 88)

Wind Speed

10-year MRFI	130 mph
25-year MRFI	76 mph
50-year MRFI	104 mph
100-year MRFI	164 mph

Data Source: ASCE/SEI 7-16, Figs. 26.5-1B and Figs. C6.2-1-C6.2-4, and Section 26.5.7

Date Accessed: Sat Dec 29, 2023

Notes provided: 3 second gust wind speeds at 33 ft above ground for Exposure C Category, limited no. trailer overturned at approximately 4.7% probability of exceedence in 50 years (annual exceedence probability = 0.00142, MRFI = 750 years).

Site is in a hurricane-prone region as defined in ASCE/SEI 7-16, Section 26.1.3. Glazed openings would not be protected against wind-borne debris.













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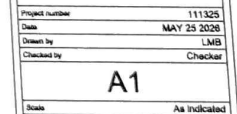
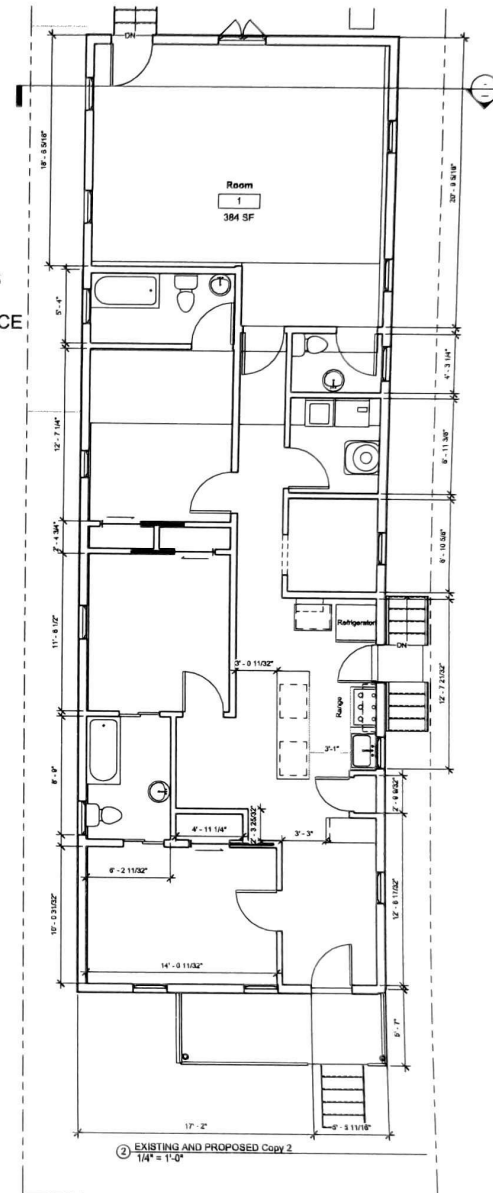
Pine

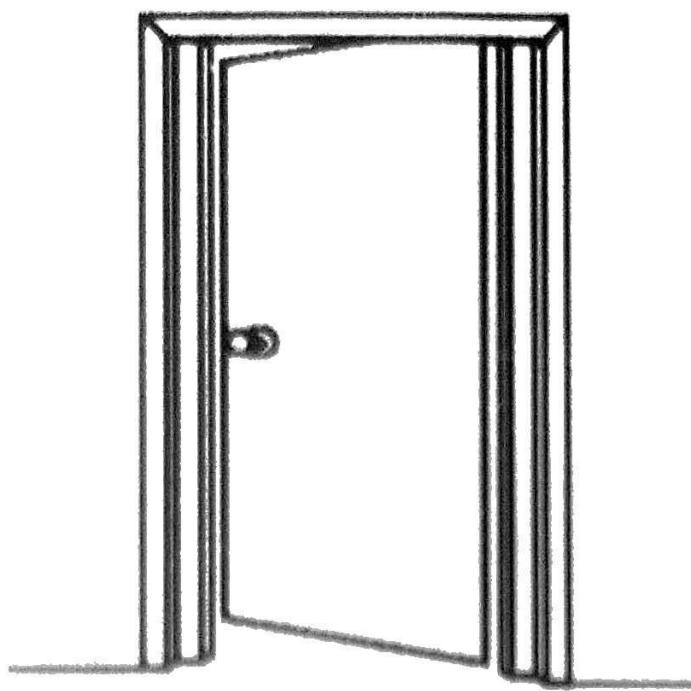


White

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TWO SIX PANEL STEEL DOORS 36
X 80.





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WARNING: Cancer & Reproductive Harm — www.P65Warnings.ca.gov



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ADVERTENCIA: Cáncer y Daño Reproductivo — www.P65Warnings.ca.gov



POUR LES RESIDENTS DE LA CALIFORNIE
AVERTISSEMENT: Cancer et dommage reproductif — www.P65Warnings.ca.gov

6 Panel Steel

UNIT SIZE:

36" X 80"

Right Hand Inswing

ROUGH OPENING:

38 — 1/4" x 82"



86584 42710

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826296

DEPOT #0122

11/09/26

1877413

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