



# CERTIFICATE OF APPROPRIATENESS PLACARD

for Raleigh Historic Resources

## Project Description:

Change rear sunroom to screen porch (COA-0037-2022);  
renew COA-0037-2022

508 Tilden St

Address

Glenwood-Brooklyn

Historic District

Historic Property

COA-0155-2022

Certificate Number

12/13/2022

Date of Issue

12/13/2023

Expiration Date

*This card must be kept posted in a location within public view until all phases of the described project are complete. The work must conform with the code of the City of Raleigh and laws of the state of North Carolina. When your project is complete, you are required to ask for a final zoning inspection in a historic district area. Telephone the RHDC office at 832-7238 and commission staff will coordinate the inspection with the inspections Department. If you do not call for this final inspection, your Certificate of Appropriateness is null and void.*

Signature, \_\_\_\_\_

*Collette P K*

Raleigh Historic Development Commission

*Pending the resolution of appeals, commencement of work is at your own risk.*



Type or print the following:

Applicant name: Adele Sweetwood and Chris Sweetwood

Mailing address: 2600 Glenwood Avenue, Apt 322

City: Raleigh

State: NC

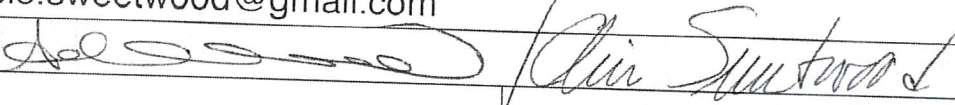
Zip code: 27608

Date: 12/8/2022

Daytime phone #: 919-280-6720

Email address: adele.sweetwood@gmail.com

Applicant signature:



Minor work (staff review) – one copy

Major work (COA committee review) – ten copies

Additions > 25% of building sq. footage

New buildings

Demolition of building or structure

All other

Post approval re-review of conditions of approval

**Office Use Only**

Transaction #: \_\_\_\_\_

File #: COA-0155-2022

Fee: \_\_\_\_\_

Amount paid: \_\_\_\_\_

Received date: \_\_\_\_\_

Received by: \_\_\_\_\_

Property street address: 508 Tilden Street, Raleigh, NC 27605

Historic district: Glenwood Brooklyn

Historic property/Landmark name (if applicable):

Owner name: Adele Sweetwood and Chris Sweetwood

Owner mailing address: 2600 Glenwood Avenue, Apt 322, Raleigh, NC 27608

**For applications that require review by the COA Committee (major work), provide addressed and stamped envelopes for owners for all properties with 100 feet on all sides of the property, as well as the property owner.**

Property Owner Name & Address

Property Owner Name & Address


I understand that all major work applications that require review by the Raleigh Historic Development Commission's COA Committee must be submitted by 4 p.m. on the date of the application deadline; otherwise, consideration will be delayed until the following committee meeting. An incomplete application will not be accepted.

Will you be applying for rehabilitation tax credits for this project? Yes <input type="radio"/> No <input checked="" type="radio"/>	Office Use Only Type of work: <u>91, 89</u>
Did you consult with staff prior to filing the application? Yes <input checked="" type="radio"/> No <input type="radio"/>	

Design Guidelines: please cite the applicable sections of the design guidelines ( <a href="http://www.rhdc.org">www.rhdc.org</a> ).		
Section/Page	Topic	Brief description of work (attach additional sheets as needed).
		Request based on permit process.

<b>Minor Work Approval (office use only)</b>	
Upon being signed and dated below by the Planning Director or designee, this application becomes the Minor Work Certificate of Appropriateness. It is valid until <u>12/13/2023</u>	
Please post the enclosed placard form of the certificate as indicated at the bottom of the card. Issuance of a Minor Work Certificate shall not relieve the applicant, contractor, tenant, or property owner from obtaining any other permit required by City Code or any law. Minor Works are subject to an appeals period of 30 days from the date of approval.	
Signature (City of Raleigh) <u>Collette R K</u>	Date <u>12/13/2022</u>

## COA Minor Work Description

Applicants: Adele Sweetwood, Chris Sweetwood

Date: 12/8/2022

### Description:

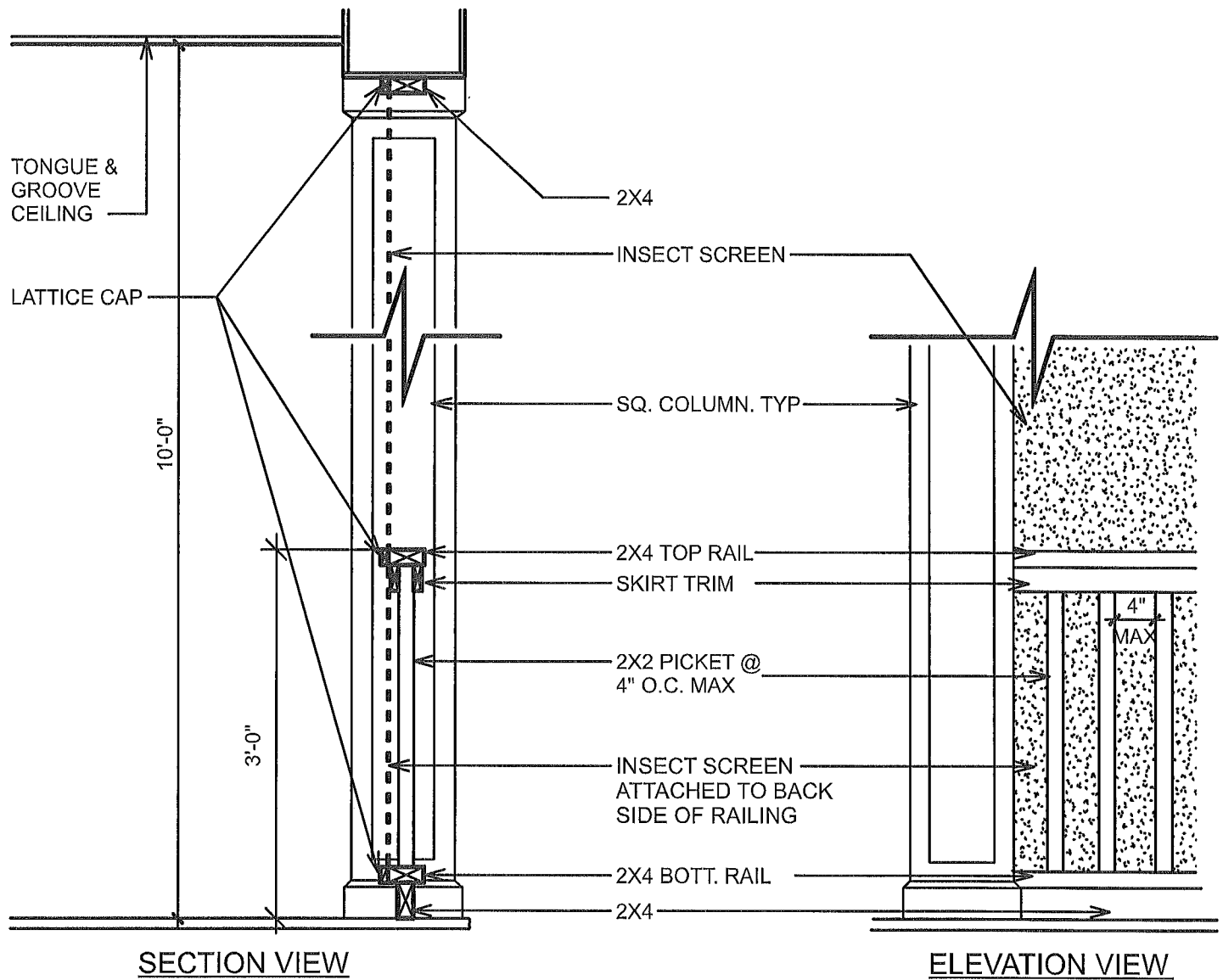
Update the existing COA-0037-2022 with screen porch detail as requested. And, Request existing COA-0037-2022 be extended in order to allow us to complete the current permit process.

Attached information provided.

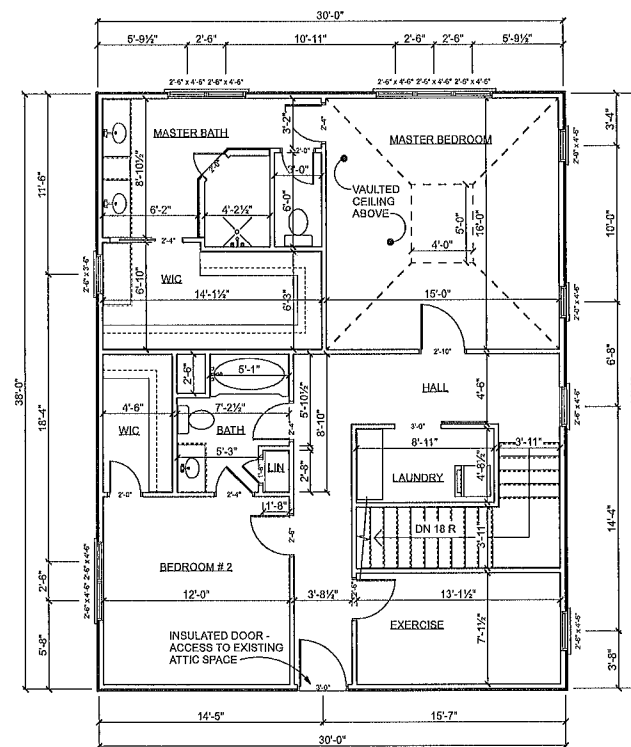
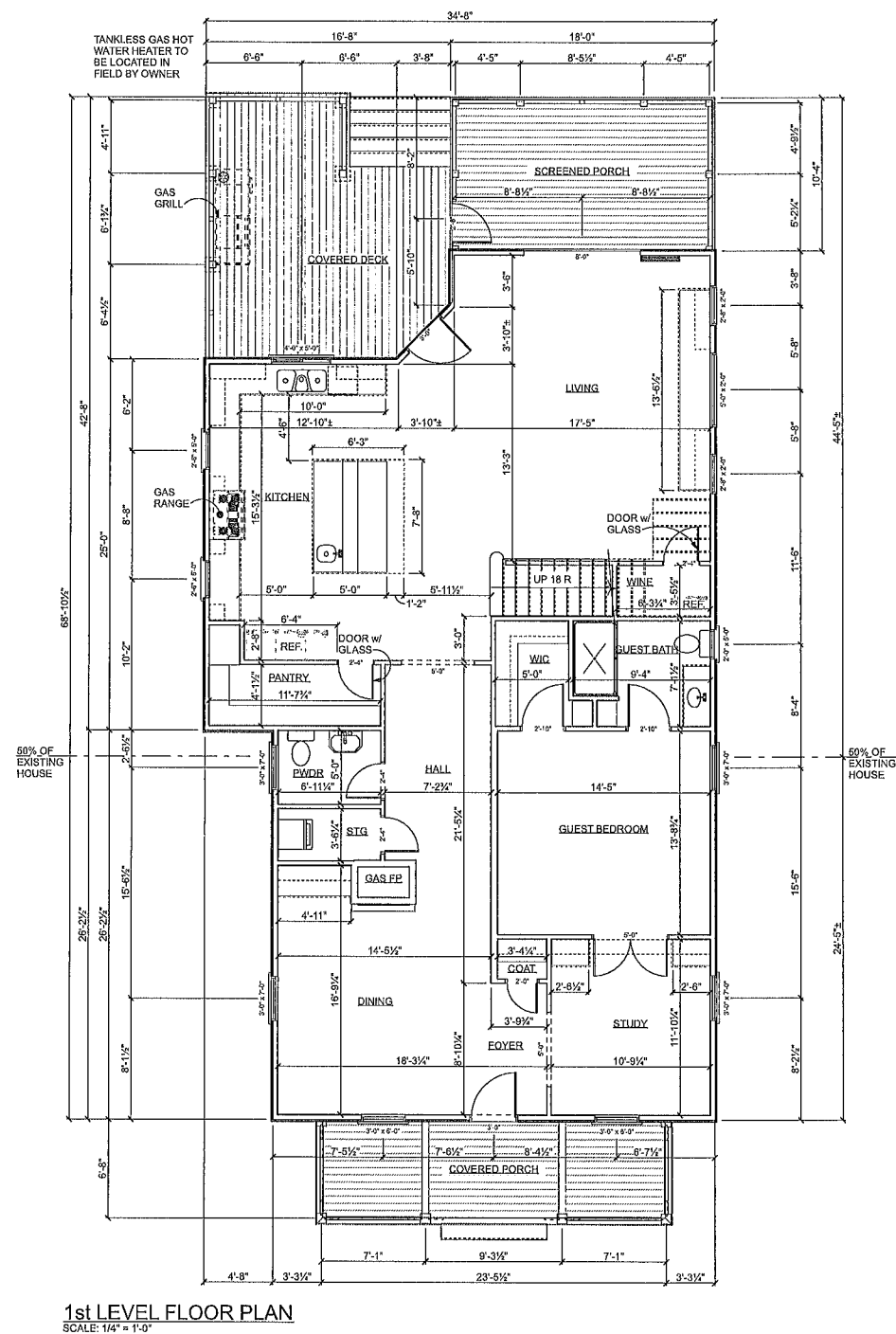








# SCREENED PORCH DETAIL



### AREA SCHEDULE

CONDITIONED AREAS	
1st FLOOR	1815 sq ft
RENOVATION	795 sq ft
ADDITION	1020 sq ft
2nd FLOOR	1167 sq ft
RENOVATION	0 sq ft
ADDITION	1167 sq ft
1st + 2nd FLOOR	2982 sq ft
RENOVATION	795 sq ft
ADDITION	2177 sq ft

--- UNCONDITIONED AREAS ---	
RENOVATION	165 sq
COVERED PORCH	165 sq
ADDITION	452 sq
COVERED DECK	283 sq
SCREENED PORCH	179 sq

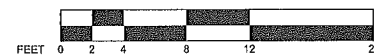
BUILDING FOOTPRINT	
FOOTPRINT / UNDER BOD	2463 sq
CONDITIONED	1816 sq
UNCONDITIONED	628 sq

- ### ENERGY SUMMARY

1. FOUNDATION WALLS TO HAVE CONTINUOUS R-10 RIGID INSULATION ON INTERIOR OF CMU WALLS.
2. FLOOR CAVITY TO BE INSULATED WITH R-19 BATTS.
3. ALL 2x4 EXTERIOR WALLS TO HAVE R-15 BATT INSULATION.
4. ATTIC TO HAVE R-38 BLOWN-IN INSULATION AT FLAT CEILINGS AND R-30 BATT INSULATION AT VAULTED CEILING. CONTINUOUS SOFFIT AND RIDGE VENTILATION TO BE PROVIDED.

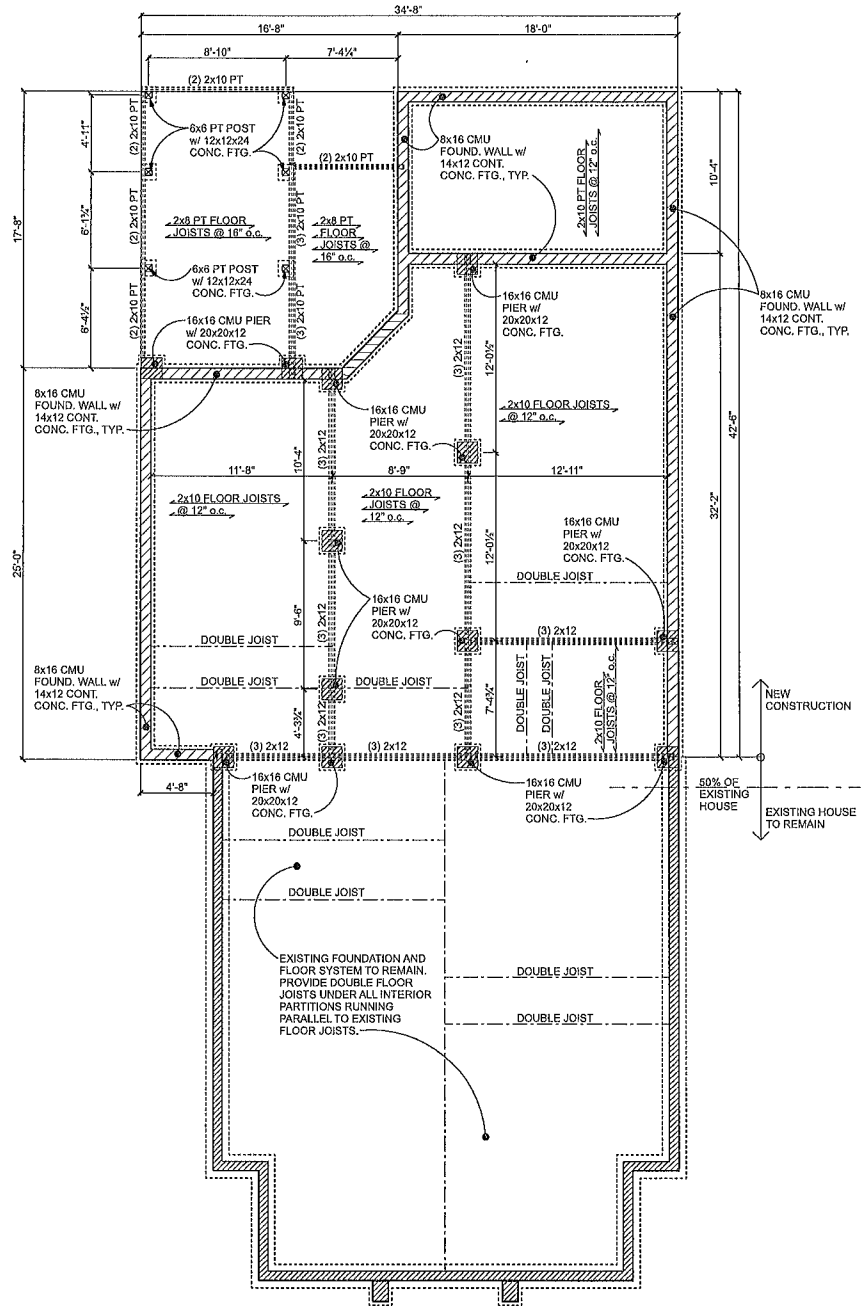
- ### CLADDING

1. EXTERIOR WALL FINISH TO BE HORIZONTAL SIDING AT 1st & 2nd LEVELS AND PARAPET CMU AT FOUNDATION WALL, AS SELECTED BY OWNER AND INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
2. ROOF COVERING TO BE ASPHALT OR FIBERGLASS SHINGLES OVER SYNTHETIC UNDERLAYMENT. ICE DAM PROTECTION TO BE PROVIDED AT ALL EAVES.

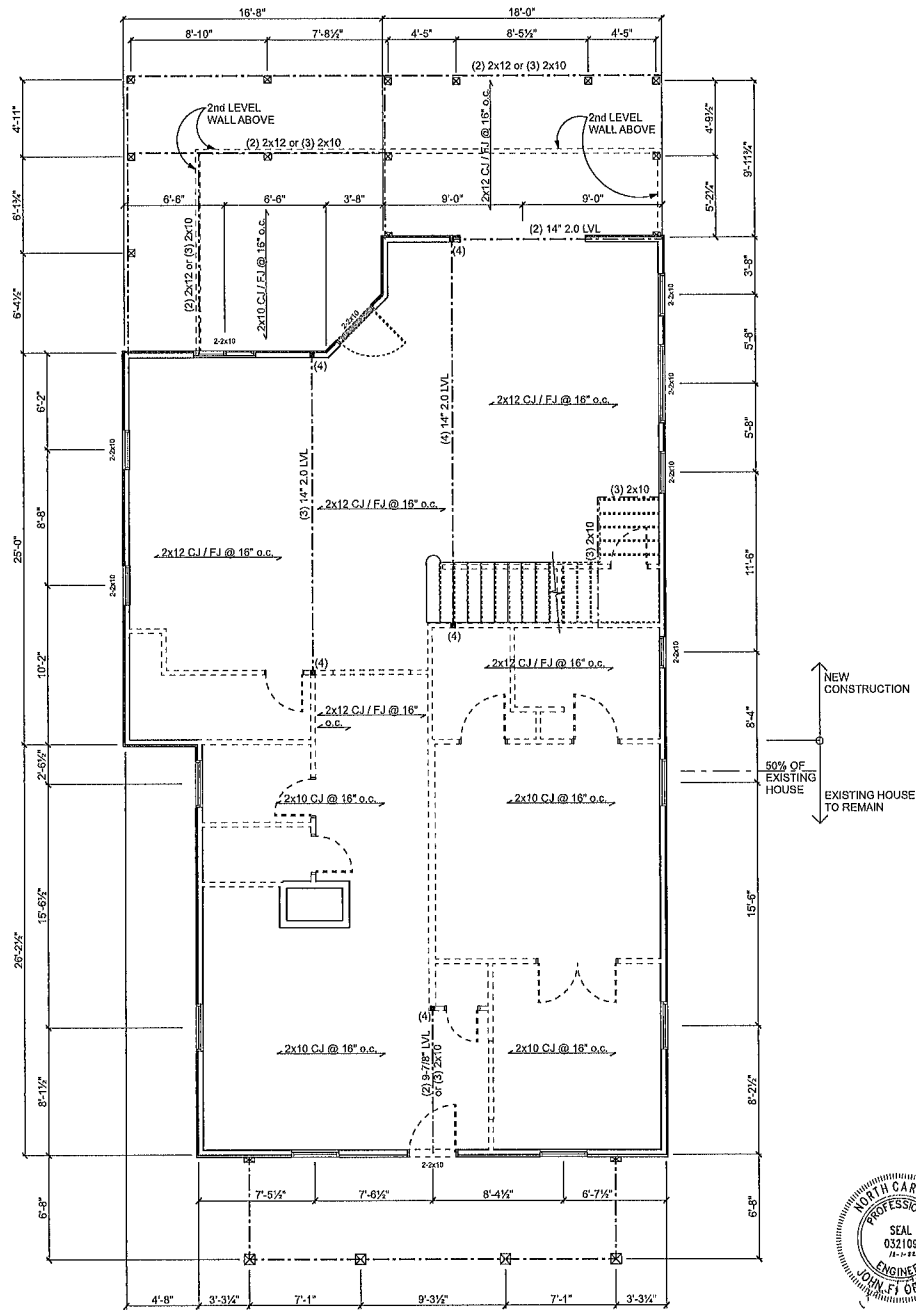








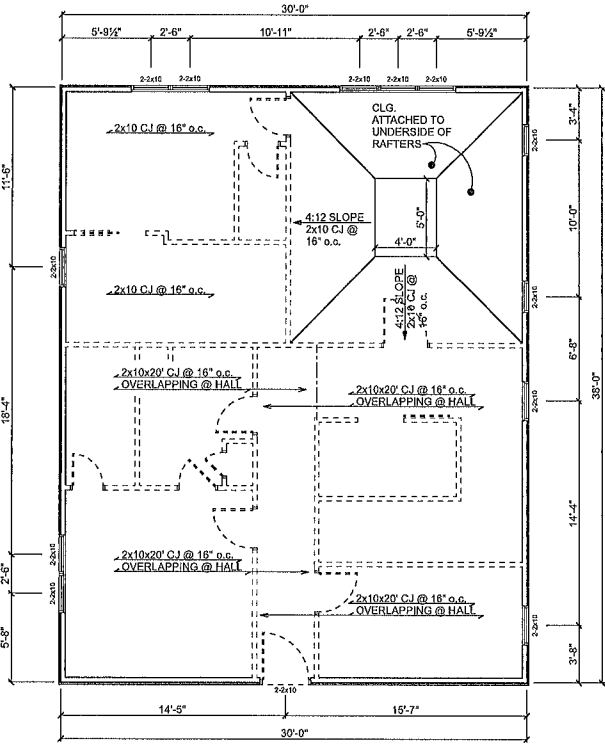
FOUNDATION / 1st LEVEL FLOOR FRAMING PLAN  
SCALE: 1/4" = 1'-0"



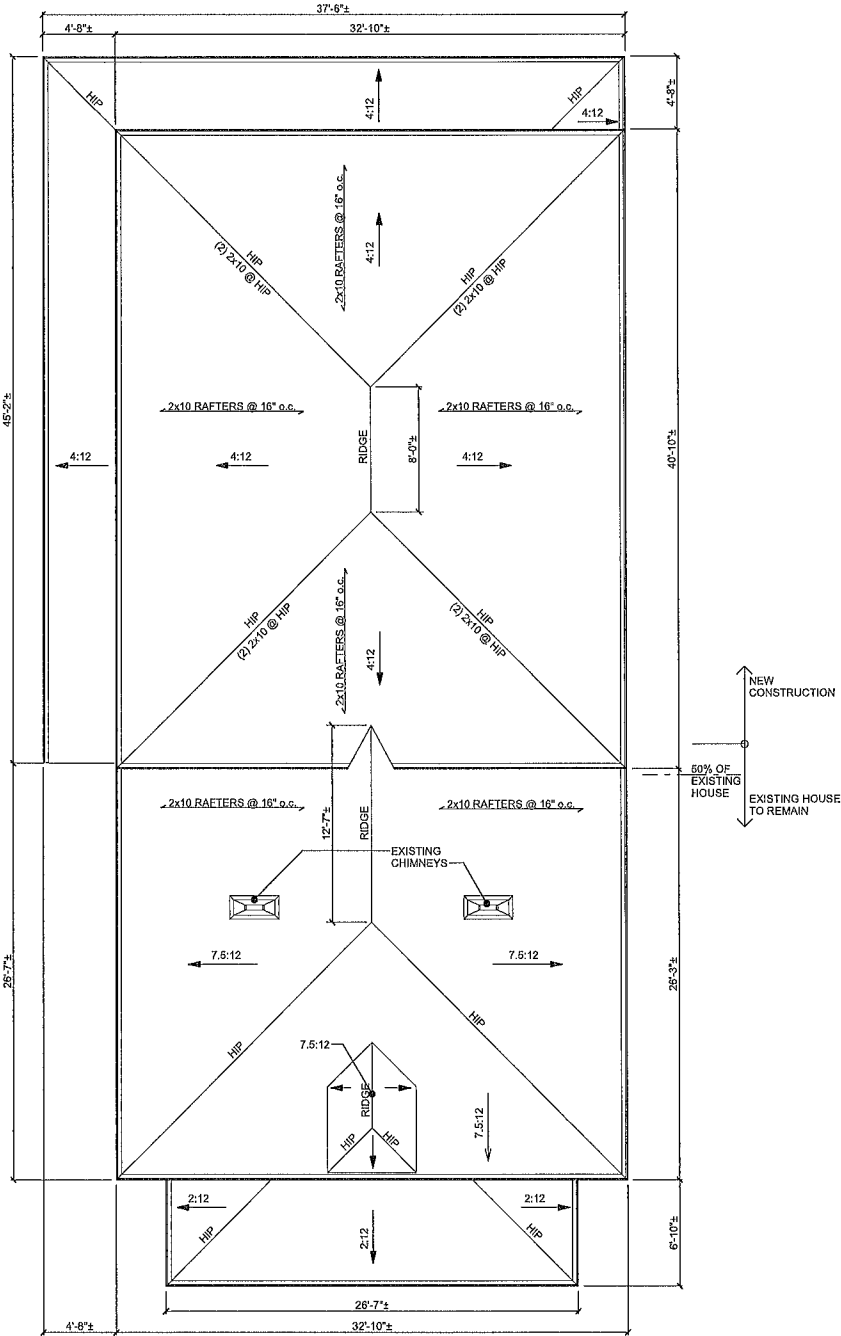
1st LEVEL CEILING / WALL FRAMING PLAN (2nd LEVEL FLOOR FRAMING PLAN)  
SCALE: 1/4" = 1'-0"



<b>ASPIRE</b> ARCHITECTS 1100 W. 10TH STREET RALEIGH, NC 27605 Phone: 919-280-8750 Email: info@aspiredesign.com	ADDITION & RENOVATIONS SWEETWOOD RESIDENCE	FOUNDATION / 1st LEVEL FLOOR FRAMING PLAN 1st LEVEL CEILING / WALL FRAMING PLAN (2nd LEVEL FLOOR FRAMING PLAN)
	<b>S101</b> 3 of 4 12/1/2022	



2nd LEVEL CEILING / WALL FRAMING PLAN  
SCALE: 1/4" = 1'-0"



ROOF FRAMING PLAN  
SCALE: 1/4" = 1'-0"

#### DESIGN CRITERIA

ULTIMATE WIND SPEEDS: 115 MPH  
DESIGN PRESSURES FOR DOORS AND WINDOWS: 115 MPH  
MIN. TEMPERATURE: 10°F  
PRESUMPTIVE SOIL BEARING CAPACITY: 2,000 PSF  
MINIMUM DESIGN LOADS:

	LIVE	DEAD	DEFLECTION
• ALL INDOOR FLOORS	40	10	L/360
• ATTIC PLATFORMS	25	10	L/360
• CONSTRUCTION LIVE	20		L/360
• DECKS/PORCHES	50	10	L/240
• ROOF	20	10	L/240

#### FOUNDATION NOTES

- FOUNDATION WALLS TO BE PARGED 8"x8"x16" CMU
- 14"W x 12" T CONT. CONC. RIBBON FOOTING (2500 PSI MIN.)
- PROVIDE CONT. 8-10 RIGID FOAM INSUL. AT INTERIOR OF BASEMENT WALL.
- ATTACH 2x6 TREATED SILL PLATE TO TOP OF CMU WALLS w/ 1/2"  $\beta$  ANCHOR BOLTS 7" MIN. INTO CMU FOUND. WALL PER CODE REQ. @ 24" O.C. MIN. AND WITHIN 12" OF CORNERS AND SILL PLATE ENDS.
- 6x6 TREATED WOOD POST ON 12"x12"x24" T CONC. FOOTING (2500 PSI MIN.) AT COVERED DECK.
- PROVIDE 18"x24" MIN. OPENING IN CMU FOUNDATION WALL FOR CRAWL SPACE ACCESS TO BE LOCATED IN FIELD.

#### FLOOR FRAMING NOTES

- ALL STRUCTURAL FRAMING TO BE #2 OR BETTER SYP/SPF. EXTERIOR DECK FRAMING TO BE TREATED #2 SYP OR BETTER.
- FLOOR JOISTS: 1st LEVEL - 2x10 @ 12" O.C., 2nd LEVEL 2x12 @ 16" O.C. (UNLESS OTHERWISE NOTED).
- INSTALL DOUBLE JOISTS UNDER ALL WALLS PARALLEL WITH JOISTS.
- INSTALL CONTINUOUS 3/4" T&G SUBFLOOR GLUE AND SCREW PER CODE REQ.
- COVERED PORCH AND COVERED DECK JOISTS TO BE TREATED 2x8 @ 16" O.C. w/ JOIST HANGERS AT EA. END.
- ATTACHED 2x10 LEDGER BOARD TO RING JOIST OF MAIN FLOOR FRAMING AT COVERED PORCH AND COVERED DECK PER CODE REQ.
- DOUBLE 2x10 BAND AT PERIMETER OF COVERED DECK ATTACHED TO EACH POST.
- 3/4" MIN. DECKING ATTACHED TO JOISTS PER CODE REQ AT COVERED PORCH, COVERED DECK & SCREENED PORCH.

#### WALL/CEILING FRAMING NOTES

- ALL STRUCTURAL FRAMING TO BE #2 OR BETTER SYP/SPF.
- ALL WALLS TO BE 2x4 STUDS @ 16" O.C. w/ DOUBLE TOP PLATE (UNLESS OTHERWISE NOTED).
- EXTERIOR WALLS TO BE SHEATHED WITH ZIP SYSTEMS 5/8" SHEATHING PER CODE SECTION R602.10.1 CS W/SP FOR WALL BRACING REQUIREMENTS.
- INSTALL 1/2" GWB ON INTERIOR SIDE OF EXTERIOR WALLS PER CODE REQ.
- PROVIDE (2) 2x10 HEADERS w/ (1) KING STUD & (2) JACK STUDS AT EACH END FOR OPENINGS IN BEARING WALLS PER R602.7 & R602.7.5 (UNLESS OTHERWISE NOTED).
- OVERHEAD GARAGE DOOR HEADERS TO BE (3) 11-7/8" 2.0E LVL EACH w/ (1) KING STUD & (3) JACK STUDS AT EACH END.
- 6"x6" TREATED POST @ SCREENED PORCH TO BEAR DIRECTLY ON SILL PLATE OF FOUNDATION WALL BELOW.
- CEILING JOISTS: 1st LEVEL (1 STORY PORTION) - 2x8 @ 16" O.C., 2nd LEVEL - 2x10 @ 16" O.C. (UNLESS OTHERWISE NOTED).
- VERIFY ALL ROUGH OPENING SIZES PRIOR TO CONSTRUCTION.

#### ROOF FRAMING NOTES

- ROOF RAFTERS: 2x10 @ 16" O.C. (UNLESS OTHERWISE NOTED).
- PROVIDE 2x6 COLLAR TIES @ 48" O.C. MIN. - LOWER TWO THIRDS OF RAFTER HEIGHT PER CODE REQUIREMENTS.
- ROOF SHEATHING TO BE 5/8" MIN. ZIP SYSTEM SHEATHING FASTENED PER MANUF. REQ.
- PROVIDE CONT. SOFFIT AND RIDGE VENTS FOR ATTIC VENTILATION.
- ATTACH RAFTERS WITH SIMPSON H2.5A OR EQUAL AT BEARING WALLS.

#### STRUCTURAL / FRAMING NOTES



2nd LEVEL CEILING /  
WALL FRAMING PLAN  
&  
ROOF FRAMING PLAN

ADDITION & RENOVATIONS  
SWEETWOOD RESIDENCE

ASPIRE  
CONSTRUCTION  
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12/12/2022

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