CHARLOTTE.

SAFE HOME
CITY OF CHARLOTTE
NEIGHBORHOOD & BUSINESS SERVICES

Invitation to Bid HNS 19-28 (RE-BID)

NOTE: Contractors are not authorized to visit the property before or after the bid walk, without being accompanied by the City's Rehabilitation Specialist.

Documents included in Package:

1) Instruction to Bidders
2) Specs by Location/Trade (Scope of Work)
3) Subcontractor Certifications (if applicable)
4) Floor Plan / Site Drawing (if applicable)

Bid Walk & Bid Opening:

Project Address: **2324 Catalina Ave.** **SAFE HOMES REHAB WITH LEAD** **STATE LEAD ABATEMENT CONTRACTOR CERTIFICATION REQUIRED FOR LEAD SCOPE OF WORK**	
Bid Walk: April 18, 2019 at 10:00 am	
Bid Opening: April 25, 2019 at 2:00 pm	
Client Name:	Contact Number:
Project Manager: Mike Taylor	Contact Number: 704-336-4115

Bid Walk and Bidding Instructions:

All bid walks are mandatory.

If you are going to be late the policy is the following:
Contact me BEFORE the start time if you are going to be late. If you are going to be more than 10 minutes late, we will proceed without you and you will not be permitted to bid.

The day of a bid walk the best way to reach me is at Mike Taylor (cell # 980-215-1156).

Bids must be received by the date, time and place specified. All others will be considered non responsive and disqualified.

The Bids will be opened at 600 East Trade St. immediately following the above due date and time.

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Company Acknowledgement:

The undersigned, having become thoroughly familiar with the terms, conditions, limitations, and provisions of the housing improvement work to be performed at **2324 Catalina Ave.** to be funded through the City of Charlotte Neighborhood & Business Services, in addition, having fully inspected the site in all particulars, hereby proposes and agrees to fully perform the work within the time stated and in strict accordance with the proposed contract documents including furnishing of any and all labor and materials, and to do all work required to complete said Work in accordance with the advised respective contractual, for the sum of money:

All labor, materials, services and equipment necessary for the completion of the Work shown on the Drawings and in the Specifications:

_____ Dollars ($ _____)

Written total

Specs Dated: 4/2/19	Number of Pages: 11 pages plus 2 page lead scope plus floor plan plus kitchen layout plus 2 pages engineering drawings.
Addenda # 1 Dated:	Number of Pages:
Addenda # 2 Dated:	Number of Pages:

Project Schedule: *Minimum Start Date -*

Completion Deadline:

Please Print and Sign:

Company Name/Firm:

Authorized Representative Name:

Signature: Date:

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Requirements For Bidders

The City awards rehabilitation bids to the lowest responsive and responsible bidder. A responsible bidder for the safe home program is one who:

1) Is a licensed general contractor in the State of North Carolina;
2) Has an Renovate, Repair & Paint Certification (http://www2.epa.gov/lead/renovation-repair-and-painting-program);
3) Is not listed on a local, state or federal debarment list;
4) Carries an appropriate amounts of insurance;
5) Can provide references verifying the contractor has completed work of a similar scope in a good workmanship like manner or successfully completed prior work for the Safe Home program. Referenced work must have been completed in one year or less from date of this invitation to bid.

A responsive bidder must:

1) Submit all requested documentation on time;
2) Meet the above requirements for responsibility at the time of bid submittal;
3) Have the capacity to meet the required schedule for the project.
4) Existing rehab projects contracted by the contractor must be on schedule.

The City reserves the right to waive any minor informalities or irregularities, which do not go to the heart of the bid submittal or prejudice other offers, or to reject, for good and compelling reasons, any or all bid submittals.

Mikel Taylor
Rehabilitation Specialist
City of Charlotte
Neighborhood and Business Services
600 E. Trade St.
Charlotte, NC 29202
PH: (704) 336-4115
Fax: (704) 632-8575

CHARLOTTE.

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NEIGHBORHOOD & BUSINESS SERVICES

Instructions to Bidders

Explanations to Bidders

Any explanation desired by a Contractor regarding the meaning or interpretation of the advertisement for bids, drawings, specifications, etc., must be requested in writing to the Rehabilitation Specialist with sufficient time allowed for a reply to each Contractor before the submission of their bids. Any interpretation made will be in the form of an addendum to the invitation for bids, drawings, specifications, etc., and will be furnished to all prospective Contractors. The Contractor must acknowledge any revision to the bid documents in the space provided on the bid form and it must be submitted with their bid package.

Preparation of Bids

Bids shall be submitted on the forms furnished, or copies thereof, and must be manually signed. If erasures or other changes appear on the forms, the person signing the bids must initial each erasure or change

- The Contractor's Bid Proposal must be properly executed and submitted on the form provided. Bids by Contractors must be received by the Rehabilitation Specialist at the time and place specified on the "Invitation to Bid"
- No bid will be considered unless all individual work items on the Bid Form including any addendums are priced. The sum of all work items must equal to the Total Bid Amount.
- Unless called for, alternate bids will not be considered
- Modification of bids already submitted will be considered if received at the office designated in the invitation for bids by the time set for opening of bids

Submittal of Bids

- Sealed bids will be submitted to the Safe Home Program Office as directed in the invitation to bid prior to or at the appointed bid opening time
- Bid will be time stamped on the date of delivery
- Each bid must be submitted in a sealed envelope bearing on the outside the name of the Contractor, the name of the project for which the bid is submitted, and the date and time of the bid opening
- All bids submitted must be typed or written in ink and signed by the Contractor's designated representative

- Failure to include all forms may result in rejection of a bid
- Required Bid Package Forms:
  - Scope of Work
  - Addenda Acknowledgement
  - Itemized Work Sheet
  - Subcontractor Certifications (if applicable)

Work Specification

Response Due: 4/2/2019 11:45 AM

Prepared By:
City of Charlotte Housing & Neighborhood Services
600 E. Trade Street
Charlotte, NC 28202
(704) 336-7600

Property Details

Address:	2324 Catalina Ave. Charlotte, NC 28206	Owner:	Undrea Wilson
		Owner Phone:	(980) 345-9230
Structure Type:	Single Unit	Program(s):	Tested- HAS LEAD LeadSafe 2016 X - SH FY18 Not Ranked
Square Feet:	882		
Year Built:	1945		
Property Value:	63000		
Tax Parcel:	07908211		
Census Tract:			
Property Zone:	Council District 1		

Additional Comments

REVISED SCOPE FOR RE-BIDDING

Repairs

Description	Floor	Room	Exterior

Permits Required — **General Requirements**

The contractor is responsible obtaining and paying for all permits required. Said permits shall include all items in this scope of work.

Bid Cost: _____ X _____ = _____
Base **Quantity** **Total Cost**

Portable Toilet — **General Requirements**

Provide temporary toilet facilities from job start until approval of permanent facilities.

Bid Cost: _____ X _____ = _____
Base **Quantity** **Total Cost**

Trash Removal — **General Requirements**

After procuring all required permits, place AS MANY roll-off dumpsters as needed without damaging the site. Collect construction debris using dust control methods. Remove dumpster and repair any evidence of the dumpsters use. Contractor may haul debris away daily using dump trailers.

Bid Cost: _____ X _____ = _____
Base **Quantity** **Total Cost**

Work Specification

Exterminate Termites **General Requirements**

Exterminate for termites. Drill and patch foundation and pavement where necessary. Exterminator must be licensed and provide a 1 year guarantee with an optional yearly renewable warranty for the homeowner.

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Exterminate Insects **General Requirements**

Exterminate for insects. Include a one year warranty. All extermination shall be performed by a licensed contractor.

(HEALTHY HOMES)

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

See Attached Lead Scope

All work shall be performed in accordance with applicable regulations and shall meet all applicable building codes. Building permits will be obtained as appropriate. Mecklenburg County requires building permits for Lead Hazard Reduction if the work involves activities subject to permitting under general conducts.

?

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Window 1--Side A Double Unit **Windows**

Wrap all exterior painted components with aluminum and caulk all joints.

NOTE: SASHES ARE BEING REPLACED UNDER THE LEAD SCOPE

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Window 2--Bathroom WindowWindow 2--Bathroom Window **Windows**

Wrap all exterior components with aluminum and caulk the joints.

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Window 3--Front Picture Window **Windows**

Replace existing sash with an Energy Star vinyl replacement window of the same style.

NOTE: THE EXTERIOR COMPONENTS ARE TO BE WRAPPED UNDER THE LEAD SCOPE.

(HEALTHY HOMES)

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Work Specification

Window 5--Side B **Windows**

Remove existing sashes and parting beads. Field measure, order and install new Energy Star rated vinyl, double glazed LOW- E windows including half screens. Insulate rough opening. Install new extension jambs, casing and sill as needed, prime and paint. Exterior trim to be wrapped in PVC coated aluminum coil as needed. Repair all areas disturbed by removal and installation. This installation is to include repairing any damaged header, framing (to include king studs, jack studs etc.) sub-floor, floor joists, band joists and sill.

(HEALTHY HOMES)

Bid Cost: _____X_____=_____

Base **Quantity** **Total Cost**

Window 6--Side C **Windows**

Remove existing sashes and parting beads. Field measure, order and install new Energy Star rated vinyl, double glazed LOW- E windows including half screens. Insulate rough opening. Install new extension jambs, casing and sill as needed, prime and paint. Repair all areas disturbed by removal and installation. This installation is to include repairing any damaged header, framing (to include king studs, jack studs etc.) sub-floor, floor joists, band joists and sill.

NOTE: EXTERIOR COMPONENTS ARE TO BE WRAPPED UNDER THE LEAD SCOPE.

(HEALTHY HOMES)

Bid Cost: _____X_____=_____

Base **Quantity** **Total Cost**

Window 7--kitchen Window **Windows**

Remove existing sashes and parting beads. Field measure, order and install new Energy Star rated vinyl, double glazed LOW- E windows including half screens. Insulate rough opening. Install new extension jambs, casing and sill as needed, prime and paint. Exterior trim to be wrapped in PVC coated aluminum coil as needed. Repair all areas disturbed by removal and installation. This installation is to include repairing any damaged header, framing (to include king studs, jack studs etc.) sub-floor, floor joists, band joists and sill.

(HEALTHY HOMES)

Bid Cost: _____X_____=_____

Base **Quantity** **Total Cost**

Window 9--Side D **Windows**

Replace glass in lower sash.

(HEALTHY HOMES)

Bid Cost: _____X_____=_____

Base **Quantity** **Total Cost**

Work Specification

Window 10--Side D **Windows**

Remove existing sashes and parting beads and dispose of properly. Field measure, order and install new Energy Star rated vinyl, double glazed LOW- E windows including half screens. Insulate rough opening. Install new extension jambs, casing and sill as needed, prime and paint. Exterior trim to be wrapped in PVC coated aluminum coil as needed. Repair all areas disturbed by removal and installation. This installation is to include repairing any damaged header, framing (to include king studs, jack studs etc.) sub-floor, floor joists, band joists and sill.

(HEALTHY HOMES)

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Engineered Structural Repairs **General Requirements**

Complete structural repairs as specified in attached stamped construction drawings.

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Tear Off & Reroof Shingles **Exterior**

Remove and dispose of existing roofing, inspect and repair roof deck (include 96 sq.ft. of decking replacement in bid) and install new 30 year architectural shingles. Include ice and water shield at all roof edges, felt paper, shingle over ridge vent, boots, flashing and all necessary accessories.

DO NOT REINSTALL SATELLITE DISH.

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Electric Service 200 AMP **Building Systems**

Replace electrical service with new 200 amp, main disconnect, 110/220 volt, 24 circuit panel board, meter socket, weather head, service cable, ground rods and cable. Include replacement of all sub-panels. Caulk exterior service penetration.

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Water Heater 40 Gallon Electric **Building Systems**

Install a 40 gallon, glass lined, high recovery insulated to R-7, double element, electric water heater with 10 year warranty. Include pressure and temperature relief valve, expansion tank, discharge tube to within 6" of floor or to outside of structure, shut-off valve and electric supply. If it is located on an upper floor or if there is no floor drain, install a catch pan drained to the exterior. Dispose of old water heater appropriately.

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Work Specification

Install Sump Pump w/Outlet **Building Systems**

Remove the existing sump pump and dispose of properly.

Install a 1/2 HP sump pump with automatic cut on/cut off switch. Install a permanent drain line to the exterior to a point where water will discharge away from the house.

Installation includes the installation of an electrical outlet to power the pump.

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Replace Receptacles, Switches, and Plates **Building Systems**

Replace all receptacles, switches and cover plates throughout entire house. Receptacles shall be three prong protected by gfci breakers or outlets and labeled per Code requirements.

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Smoke Detector Hard Wired **Building Systems**

Install UL approved, interconnected, ceiling mounted smoke and heat detectors permanently wired into a receptacle boxes with battery backups in bedrooms and outside of sleeping areas.

Detector in hall shall be a combination smoke and carbon monoxide detector.

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Dryer Circuit **Building Systems**

Install 220 volt, 30 amp, surface mounted receptacle on an individual circuit. Repair all wall tear out required.

SEE KITCHEN DRAWING

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Dedicated Outlet **Kitchen**

Install a dedicated outlet for the washing machine per Code requirements.

SEE KITCHEN DRAWING

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Work Specification

GFCI Receptacle 20 AMP **Kitchen**

Install flush mounted, ground fault circuit interrupted, duplex receptacles and cover plates per Code at countertop.

SEE KITCHEN DRAWING

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Range Hood Exterior Vented **Building Systems**

Install an exterior ducted enameled range hood with integral controls and light capable of 100 cfm at 70 sones. Attach hood to cabinet with screws. Include metal vent and roof or wall cap/damper assembly, using #14 copper Romex. Owner's choice of color.

SEE KITCHEN DRAWING

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Bath Exhaust Fan Install **Building Systems**

Install a ceiling or through-the-wall, exterior ducted, vent fan with damper. Include power and switch wiring using #14 copper Romex. Repair any tear out.

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Light Fixture Replace **Back Bedroom**

Replace or install a ceiling mounted 2 bulb or wall mounted 4 bulb strip, UL approved, LED light fixture with shade and lamps.

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Light Fixture--Ceiling **Dining Room**

Remove existing ceiling fan and dispose of properly. Install a ceiling mounted 2 bulb UL approved LED light fixture with shade and lamps.

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Light Fixture Exterior **Front Porch**

Replace or install a UL approved, LED light fixture.

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Work Specification

Washer Box **Kitchen**

Install a flush mounted PVC washer box with hot and cold hose bibbs. May be vented by stud-i-vent if permitted by Code.

SEE KITCHEN DRAWING

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Drywall Entire Room **Kitchen**

Remove all gypsum, paneling, lathe and plaster or miscellaneous wall coverings to expose framing. Repair framing as necessary. Add insulation as required by code. Glue, nail and screw new drywall. Apply tape and 3 coats of joint compound to achieve a professional finish. Wet sand ready for paint.

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Prep & Paint Room Semi Gloss **Kitchen**

Remove or cover hardware and accessories not to be painted. Scrape loose, peeling, cracked and blistered areas. Clean oil, grease, fungus, dirt, and dust from surfaces. Fill holes and cracks. Prime all new materials and spot prime existing with acrylic latex. Top coat with owner's choice of low VOC acrylic SEMI-GLOSS latex. Painting shall include walls, ceiling, doors, and trim. Replace or uncover hardware, fixtures and accessories. Any moving of furniture required shall be included.

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Interlocking Vinyl Plank Flooring **Kitchen**

Install interlocking vinyl plank floor covering with a life time warranty per manufacturer's specifications. Include transitions and painted or stained wood quarter-round at all perimeters to complete installation.

INCLUDES REMOVAL OF ALL EXISTING FLOOR COVERINGS DOWN TO THE SUBFLOOR. INCLUDES REPAIR AS NECESSARY OF ANY KITCHEN SUBFLOOR NOT COVERED UNDER THE ENGINEER'S SCOPE.

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Cabinets Base **Kitchen**

Replace base cabinets. Cabinets to be constructed of solid maple and plywood. No particle board allowed. See contractor's manual guidelines & specifications for full requirements.

SEE KITCHEN DRAWING

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Work Specification

Counter Tops Replace **Kitchen**

Screw to base cabinet a square edged plastic laminate counter top. Provide end-caps and cutout for sink. Caulk counter top to adjoining walls with low VOC caulking to match wall color. Owner's choice of in-stock color and texture. (32.10)

SEE KITCHEN DRAWING

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Double Bowl Sink Complete **Kitchen**

Install a 18 gauge 33" x 22" x 9" double bowl, stainless steel, self rimming kitchen sink including a single handle metal body faucet, rated at 2.0 GPM or less, with a 15 year drip- free warranty, P-trap, supply lines, full port ball type shut-off valves & escutcheon plates on all supply & drain lines. No copper compression fittings.

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Cabinets Wall **Kitchen**

Replace wall cabinets. Cabinets are to be constructed of solid maple and plywood. No particle board allowed. See contractor's manual guidelines & specifications for full requirements.

SEE KITCHEN DRAWING

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Dryer Vent **Building Systems**

Install 4" rigid aluminum vent tubing from the specified dryer location to a 4" wall mounted dryer vent hood with a back flow preventer and NO screening. Fasteners shall not protrude into the interior of the exhaust duct. Seal all seams in the system with duct mastic or aluminum foil tape, not duct tape. Secure duct and hood to framing.

SEE KITCHEN DRAWING

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Prep & Paint Ceiling **Back Bedroom**

Remove or cover hardware and accessories not to be painted. Scrape loose, peeling, cracked, and blistered areas. Clean oil, grease, fungus, dirt, and dust from surfaces. Fill holes and cracks. Prime all new materials and spot prime existing with acrylic latex. Top coat with Owner's choice of low VOC acrylic flat latex. Replace or uncover hardware, fixtures and accessories. Any moving of furniture required shall be included.

INCLUDES REPAIR AND FINISHING OF DRYWALL TO PAINT READY CONDITION AND INSTALLATION AND AND ADJUSTING EXISTING PERIMETER MOLDING AS NECESSARY TO FORM A TIGHT SEAL WITH THE CEILING.

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Work Specification

Repair and Paint Wall **Back Bedroom**

Repair damaged wall areas to paint ready condition and prime and paint to match existing as close as possible.

Bid Cost: _____ X _____ = _____
Base **Quantity** **Total Cost**

Replace Broken Door Casing **Back Bedroom**

Replace damaged hinge side casing with primed casing to match existing.

Bid Cost: _____ X _____ = _____
Base **Quantity** **Total Cost**

Prep & Paint Ceiling **Dining Room**

Remove or cover hardware and accessories not to be painted. Scrape loose, peeling, cracked, and blistered areas. Clean oil, grease, fungus, dirt, and dust from surfaces. Fill holes and cracks. Prime all new materials and spot prime existing with acrylic latex. Top coat with Owner's choice of low VOC acrylic flat latex. Replace or uncover hardware, fixtures and accessories. Any moving of furniture required shall be included.

INCLUDES REPAIRING AND FINISHING DRYWALL TO PAINT READY CONDITION INSTALLATION OF 1 X 4 OR SIMILAR BATTEN TO SEPARATE DINING ROOM CEILING FROM LIVING ROOM CEILING.

Bid Cost: _____ X _____ = _____
Base **Quantity** **Total Cost**

Repair and Paint Wall **Living Room**

Repair hole and other damage to wall to paint ready condition. Prime and paint wall corner to corner to match existing as close as possible.

Bid Cost: _____ X _____ = _____
Base **Quantity** **Total Cost**

Tub Repairs **Bathroom**

Clean joints where surround meets tub and recaulk with silicone caulk.

Repair tub overflow trim to function as intended.

Bid Cost: _____ X _____ = _____
Base **Quantity** **Total Cost**

Install Door Keeper **Bathroom**

Repair jamb as necessary and install a keeper so that door latches properly.

Bid Cost: _____ X _____ = _____
Base **Quantity** **Total Cost**

Work Specification

Door Hardware Interior **Hall**

Install a door reinforcement plate and passage knobset.

Bid Cost: _____ X _____ = _____
Base **Quantity** **Total Cost**

Prehung Metal Door Entrance **Back Door**

Remove existing door, frame and threshold. Install new Energy Star rated pre-hung exterior door. Insulate cavity. Install mortised dead bolt and lever handled door hardware keyed alike. Install wide peep sight. New casing and shoe molding will match existing. Apply primer and topcoat. this installation to include repairing any damaged header, door framing, to include wall framing, sub-floor, floor joists and sill.

Bid Cost: _____ X _____ = _____
Base **Quantity** **Total Cost**

Front Door **Living Room**

Scrape and paint the exterior of the front door. Adjust existing weatherstripping to form an airtight seal.

Bid Cost: _____ X _____ = _____
Base **Quantity** **Total Cost**

Attic Insulation Increase to R-38 **Building Systems**

Increase attic insulation to R-38, contractor to attach verification to rafter at attic access, easily seen. Include ventilation baffles to code. Install barrier around attic access of sufficient height to retain R-38.

(HEALTHY HOMES)

Bid Cost: _____ X _____ = _____
Base **Quantity** **Total Cost**

Vapor Barrier **Building Systems**

Remove all debris from crawl.

Lay 6 mil poly vapor barrier on ground in crawl space and 6" up foundation walls. Overlap seams by 2' and secure with duct tape.

Bid Cost: _____ X _____ = _____
Base **Quantity** **Total Cost**

Crawl Space Access Door **Exterior**

Install a 3/4" pressure treated plywood access door in a 2" x 4" pressure treated frame. Provide galvanized iron hinges and hasp.

Bid Cost: _____ X _____ = _____
Base **Quantity** **Total Cost**

Work Specification

Exterior Steps Replace **Exterior**

Remove existing CMU stairs at the rear porch. Install pressure treated wood stairs to Code. New treads shall be two 2" x 6" spaced 1/2" apart, and have 2" 12" stringers.

NOTE: ALTHOUGH CODE DOES NOT REQUIRE A HANDRAIL ON STAIRS OF 3 RISERS, INSTALL A HANDRAIL ANYWAY. HANDRAIL SHALL MEET ALL CODE REQUIREMENTS FOR REQUIRED HANDRAILS.

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Seamless Aluminum Gutter & Downspouts - Install **Building Systems**

Replace existing gutters and downspouts on the front of the house with K- type .027 gauge seamless aluminum gutter to service roof with sufficient pitch to downspouts. Install leaders on downspouts as necessary to direct water away from foundation.

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Repair Grade in Front Yard **Exterior**

Add clean fill as necessary at front foundation to establish positive drainage away from foundation. Add clean fill at sewer line and contour grade to drain water to the right side of the house. Seed and straw disturbed areas.

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Hose Bibb **Front of House**

Install a bronze hose bibb on outside of structure with inside shut-off valve and backflow preventer. Seal exterior penetration with silicone caulk.

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Stackable Washer/Dryer **Kitchen**

Provide and install a new stacked washer and dryer unit at the designated location in the kitchen. Owner's choice of white or black.

(HEALTHY HOMES)

SEE KITCHEN DRAWING

Bid Cost: _____ X _____ = _____

Base **Quantity** **Total Cost**

Certification

Contractor Name: _____ **Total Cost:** _____

Signature: _____ **Date:** _____

LEAD ABATEMENT SCOPE OF WORK
& INSTRUCTIONS TO BIDDERS

Address 2324 Catalina Ave. 4/1/2019

Complete the following scope of work **USING A STATE LICENSED LEAD ABATEMENT CONTRACTOR:**

Item #	Feature	Method	Number	Cost Per unit	COST
1	Sides A,B,C, and D--Exterior Wood Walls	Remove all vinyl siding from the house and dispose of properly. Wrap existing wood siding in Tyvek and install new vinyl siding correctly. Owners choice of colors.			
2	Sides A,B,C, and D--Soffit and Fascia	Replace all rotted boxing components with similar materials. Cover all components with Tyvek and wrap with vinyl and aluminum.			
3	Gable Vents	Remove existing gable vents and dispose of properly. Install new vinyl vents.			
4	Side A--Window 1 (double unit)	Remove existing sashes and parting beads and dispose of properly. Install new Energy Star rated vinyl replacement windows. NOTE: EXTERIOR WRAP IS LISTED UNDER REHAB SCOPE OF WORK.			
5	Side A--Window 3	Cover all painted exterior components of the window assembly with Tyvek and wrap with aluminum. NOTE: SASH IS TO BE REPLACED UNDER REHAB SCOPE.			
6	Side B--Window 4	Remove existing sashes and parting beads and dispose of properly. Install a new Energy Star rated vinyl replacement window. Cover all exterior components with Tyvek and wrap with aluminum.			
7	Side C--Window 6	Cover all exterior components with Tyvek and wrap with aluminum. NOTE: SASHES ARE TO BE REPLACED UNDER REHAB SCOPE OF WORK.			

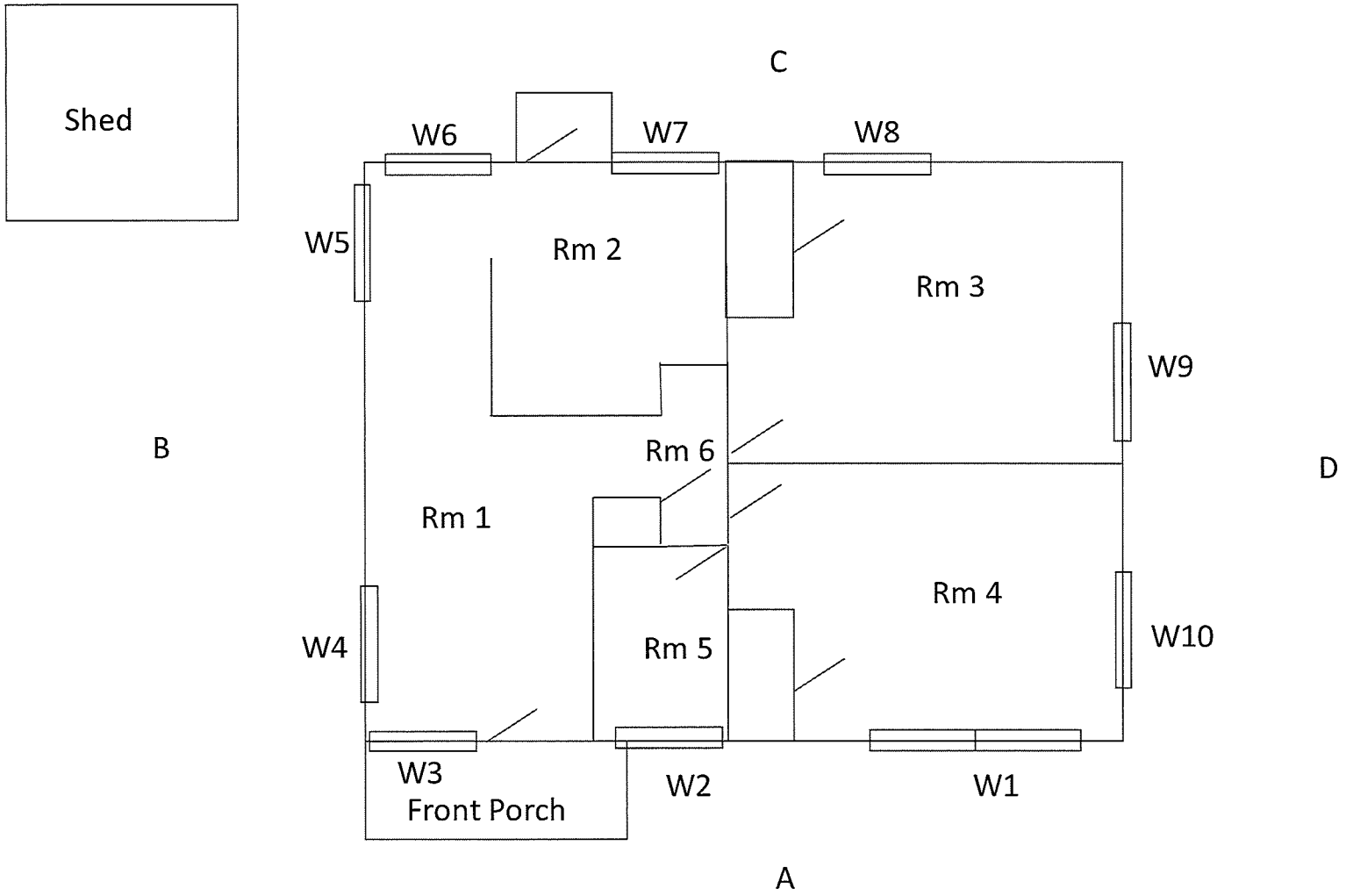
8	Side C--Window 8	Cover all exterior components with Tyvek and wrap with aluminum. NOTE: SASHES ARE TO BE REPLACED UNDER REHAB SCOPE OF WORK.			
9	Room 1--Side A window	Remove innermost stop around the perimeter of the window and dispose of properly. NOTE: SASH IS TO BE REPLACED UNDER THE REHAB SCOPE.			
10	Front Porch Ceiling, Header, and Columns	Cover all painted components with Tyvek. Install vinyl soffit on the ceiling and wrap the beams and posts with aluminum.			
11	Clean for Clearance	Clean property as necessary to obtain a HUD lead grant clearance.			

Total Bid: $_____

The undersigned contractor agrees to perform the scope of work for the indicated fee in accordance with applicable regulations and the project manual. The undersigned also certifies that the work will be completed within _____ days of award.

Signature of authorized contractor representative_____

Contractor Submitting Bid:_____
Address:_____
_____
_____
Phone:_____


Shed
C
W6
W7
W8
W5
Rm 2
Rm 3
W9
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Rm 6
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Rm 1
Rm 4
W4
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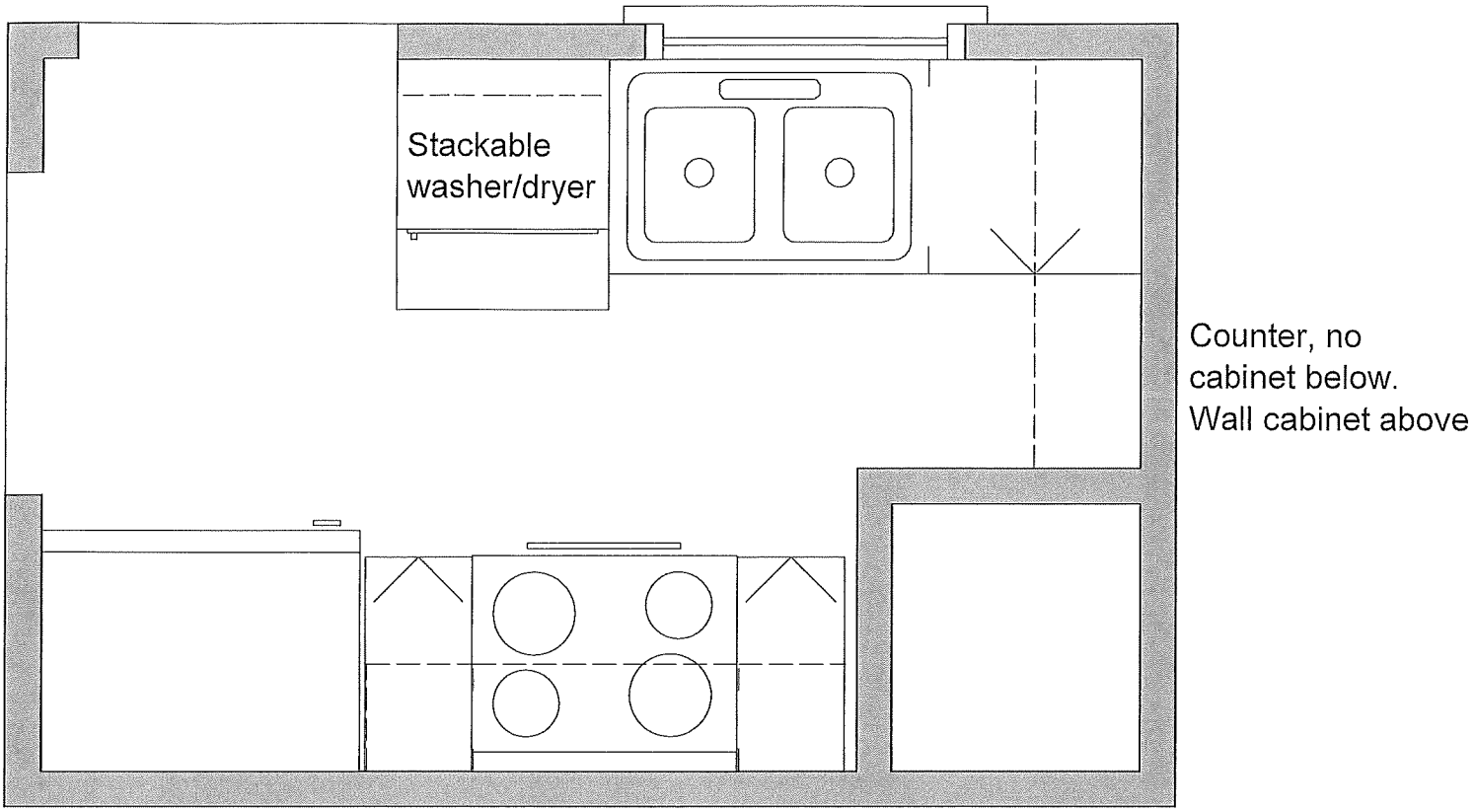
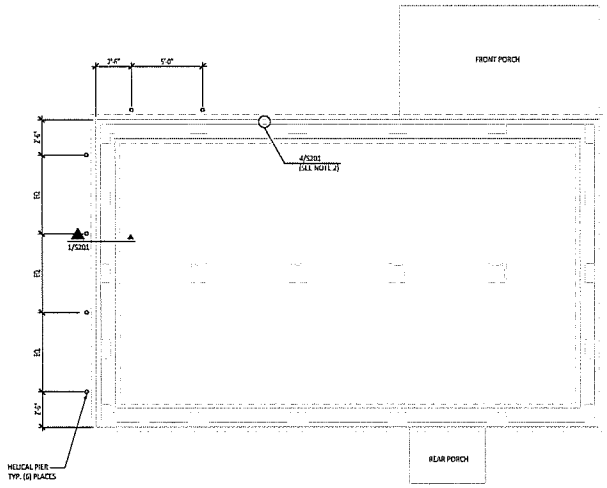
W10
W3
Front Porch
W2
W1
A



Concept Drawing showing general layout of cabinets and appliances. NOT TO SCALE. 7 LF of base cabinets and 8 LF of wall cabinets assumed. Note: countertop will be L shaped and return against chimney wall (no base cabinet under short leg of L).

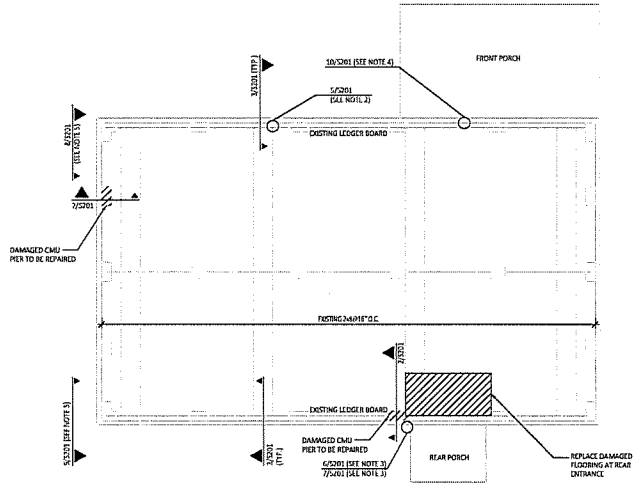


FOUNDATION PLAN

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

PLAN NOTES:
1) FOR GENERAL NOTES REFER TO 11/S201
2) REPAIR CRACK W/MASONRY EPOXY

1/S101 FOUNDATION PLAN
SCALE: $\frac{1}{4}$" = 1'-0"



1st FLOOR FRAMING PLAN

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

PLAN NOTES:
1) FOR GENERAL NOTES REFER TO 11/S201.
2) REPLACE SHIFTED BRICK AT CRACK.
3) REPLACE DAMAGED BRICK.
4) REPLACE DAMAGED BEAM SEAT.
5) REPOINT MORTAR AFTER HELICAL PIER INSTALLATION.

2/S101 1ST FLOOR FRAMING PLAN
SCALE: $\frac{1}{4}$" = 1'-0"

Structural Capacity, PC

CITY OF CHARLOTTE
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NEIGHBORHOOD
SERVICES
600 EAST TRADE STREET
CHARLOTTE, NC 28202

CATALINA AVENUE
RESIDENCE
CRAWL SPACE REPAIRS
2324 CATALINA AVENUE
CHARLOTTE, NC

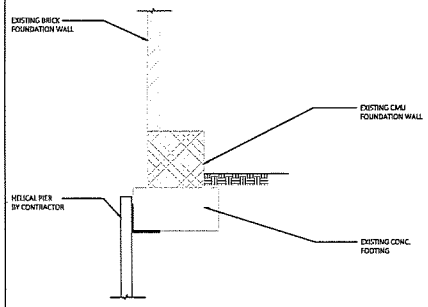
REVISIONS:

REV #	DATE	DESCRIPTION

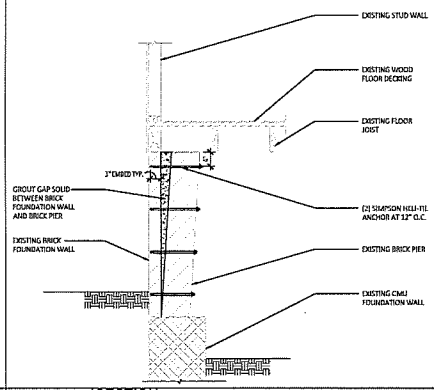
PROJECT: 2018.04.0020
DATE: 09/26/2018
DRAWN BY: RW
CHECKED BY: ASD

FOUNDATION PLAN
AND 1ST FLOOR
FRAMING PLAN

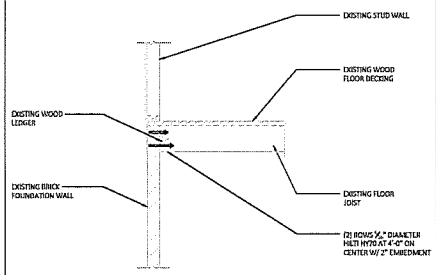
S101



1/S201 SECTION
SCALE: 3/4" = 1'-0"



2/S201 SECTION
SCALE: 3/4" = 1'-0"

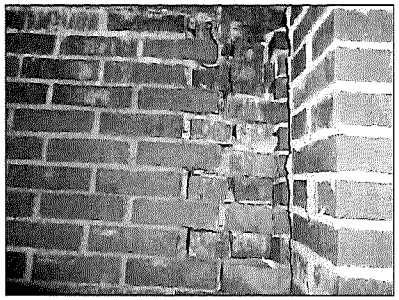


3/S201 SECTION
SCALE: 3/4" = 1'-0"

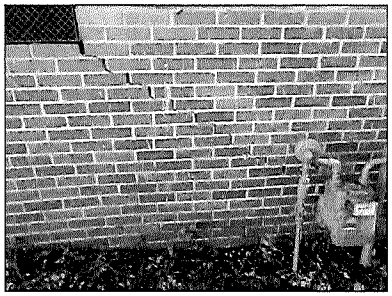
4/S201 PHOTOGRAPH
NO SCALE

5/S201 PHOTOGRAPH
NO SCALE

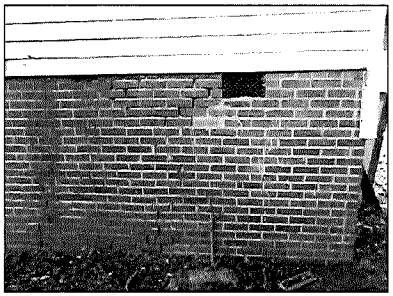
6/S201 PHOTOGRAPH
NO SCALE



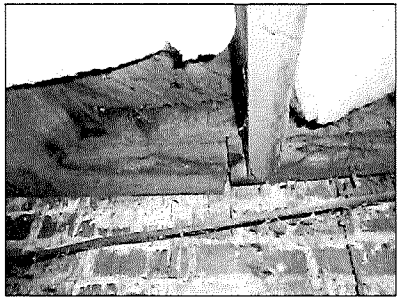
7/S201 PHOTOGRAPH
NO SCALE



8/S201 PHOTOGRAPH
NO SCALE



9/S201 PHOTOGRAPH
NO SCALE



10/S201 PHOTOGRAPH
NO SCALE

1.0. GENERAL NOTES

1.1. THE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE DRAWINGS OF ALL OTHER DISCIPLINES AND THE SPECIFICATIONS. THE CONTRACTOR SHALL VERIFY THE REQUIREMENTS OF OTHER TRADES AS TO SLEEVES, CHASES, HANGERS, INSERTS, ANCHORS, HOLES AND OTHER ITEMS TO BE PLACED OR SET IN STRUCTURAL WORK.
1.2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL SAFETY PRECAUTIONS AND REGULATIONS DURING THE WORK. THE ENGINEER WILL NOT ADVISE ON NOR ISSUE DIRECTION AS TO SAFETY PRECAUTIONS AND PROGRAMS.
1.3. THE STRUCTURAL DRAWINGS HEREIN REPRESENT THE FINISHED STRUCTURE. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY GUYING AND BRACING REQUIRED TO ERECT AND HOLD THE STRUCTURE IN PROPER ALIGNMENT UNTIL ALL STRUCTURAL WORK AND CONNECTIONS HAVE BEEN COMPLETED. THE INVESTIGATION, DESIGN, SAFETY, ADEQUACY AND INSPECTION OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
1.4. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE METHODS, TECHNIQUES AND SEQUENCES OF PROCEDURES TO PERFORM THE WORK. THE SUPERVISION OF THE WORK IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
1.5. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED, SUBJECT TO APPROVAL BY THE ENGINEER.
1.6. ALL STRUCTURAL SYSTEMS WHICH ARE TO BE COMPOSED OF COMPONENTS TO BE FIELD ERECTED SHALL BE SUPERVISED BY THE SUPPLIER DURING MANUFACTURING, DELIVERY, HANDLING, STORAGE AND ERECTED IN ACCORDANCE WITH THE SUPPLIER'S INSTRUCTIONS AND REQUIREMENTS.
1.7. LOADING APPLIED TO THE STRUCTURE DURING THE PROCESS OF CONSTRUCTION IS THE CONTRACTOR'S SOLE RESPONSIBILITY AND SHALL NOT EXCEED THE SAFE LOAD - CARRYING CAPACITY OF THE STRUCTURAL MEMBERS. THE LIVE LOADINGS USED IN THE DESIGN OF THIS STRUCTURE ARE INDICATED IN THE "DESIGN CRITERIA NOTES". DO NOT APPLY ANY CONSTRUCTION LOADS UNTIL STRUCTURAL FRAMING IS PROPERLY CONNECTED TOGETHER AND UNTIL ALL TEMPORARY BRACINGS IS IN PLACE.
1.8. ALL ASTM AND OTHER REFERENCES ARE PER THE LATEST EDITIONS OF THESE STANDARDS, UNLESS OTHERWISE NOTED.
1.9. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE PROTECTION OF PERSONS AND PROPERTY EITHER ON OR ADJACENT TO THE PROJECT AND SHALL PROTECT SAME AGAINST INJURY, DAMAGE OR LOSS.
1.10. THE CONTRACTOR SHALL INFORM THE STRUCTURAL ENGINEER, CLEARLY AND EXPLICITLY IN WRITING, OF ANY DEVIATION OR SUBSTITUTION OF REQUIREMENTS OF THE CONTRACT DOCUMENTS. ALL THINGS WHICH, IN THE OPINION OF THE CONTRACTOR, APPEAR TO BE DEFICIENCIES, OMISSIONS, CONTRADICTIONS OR AMBIGUITIES IN THE DRAWINGS OR SPECIFICATIONS, THEN THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE STRUCTURAL ENGINEER. CORRECTIONS OR WRITTEN INTERPRETATIONS SHALL BE ISSUED BEFORE AFFECTED WORK MAY PROCEED.
1.11. IF THE CONTRACTOR CANNOT CONSTRUCT ANY PORTION OF THE WORK IDENTIFIED IN THE DRAWINGS IN ACCORDANCE WITH THESE DRAWINGS AND SPECIFICATIONS, THEN THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE STRUCTURAL ENGINEER PRIOR TO PROCEEDING WITH THE WORK. WORK THAT DOES NOT COMPLY WITH THE DRAWINGS MAY REQUIRE REMOVAL, TESTING, OR ENGINEERING EVALUATION AT THE CONTRACTOR'S EXPENSE.
1.12. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO ORDERING MATERIALS OR PROCEEDING WITH NEW WORK IN AREAS AFFECTED BY EXISTING CONDITIONS. STRUCTURAL ENGINEER SHALL BE INFORMED IN WRITING OF CONFLICTS BETWEEN EXISTING AND PROPOSED NEW CONSTRUCTION.
1.13. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL DIMENSIONS SHOWN ON THE CONTRACT DOCUMENTS, INCONSISTENCIES ON THE STRUCTURAL DRAWINGS OR BETWEEN THE STRUCTURAL DRAWINGS AND ANY OTHER CONTRACT, SHOP, FABRICATION, OR OTHER DRAWINGS OR INFORMATION SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER PRIOR TO PROCEEDING WITH AFFECTED WORK.

11/S201 GENERAL NOTE
NO SCALE

2.0. CODES AND STANDARDS

2.1. 2012 NORTH CAROLINA BUILDING CODE (NCBC 2009)/ 2012 NORTH CAROLINA RESIDENTIAL CODE (NCRC 2009)
2.2. "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES", (ASCE 7-05).
2.3. "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION", (NDS 2005).
2.4. "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" (ACI 530-08).

3.0. DESIGN LOADS

3.1. FLOOR LIVE LOAD - 40 PSF.
3.2. MIN. ROOF LIVE LOAD - 20 PSF.
3.3. GROUND SNOW LOAD - 10 PSF.

Structural Capacity, PC

NORTH CAROLINA STRUCTURAL CAPACITY, P.C. CERT. NO. C-0505
PROFESSIONAL SEAL 037706 05/24/2018 ENGINEER ADRIAN GRAHAM

CITY OF CHARLOTTE
HOUSING & NEIGHBORHOOD SERVICES
600 EAST TRADE STREET
CHARLOTTE, NC 28202

CATALINA AVENUE RESIDENCE
CRAWL SPACE REPAIRS
2324 CATALINA AVENUE
CHARLOTTE, NC

REVISIONS:

REV #	DATE	DESCRIPTION

PROJECT: 2018.04.0020
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DRAWN BY: RW
CHECKED BY: AGD

SECTIONS, PHOTOGRAPHS & GENERAL NOTES

S201