SUPERVISOR/ADMINISTRATIVE PROFESSIONAL CHECKLIST

☐ NEW SEPTIC ☐ REPAIR ☒ USE EXISTING ☐ MODIFIED PLOT PLAN ☐ ALTERATION

File Number: 5036B

Assigned Inspector: Heather Ray

☐ IP $250.00: _____ Initial/Date

☐ IP Commercial $450.00: _____ Initial/Date

☐ CA & OP $400.00: _____ Initial/Date

☐ Alteration Fees $300: _____ Initial/Date

☐ Modified Plot Plan Fees $100.00: _____ Initial/Date

☒ Use Existing Fees $100.00: JRO 9/5/23 Initial/Date

☐ Use Existing Approved ☐ Use Existing Denied

☐ Send IP permit for signature: _____ ☐ Signature received: _____

☐ Floor plans reviewed

☐ Generate CA ☐ Approve as Noted in Winchester

☐ This site is served by septic and well. Verify each is complete before final hold is released

☐ This septic system requires a certified operation contract before final hold is released

☐ Certified operator contract is on file: _____

☐ Septic file complete: _____

☐ Release final hold in Winchester: _____

Comments: Detached garage approved

50368 #14104

5 SEP '23 AM 11:40

MECKLENBURG COUNTY
HEALTH DEPARTMENT

APPLICATION FOR APPROVAL TO USE AN EXISTING ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM / WATER SUPPLY WELL

APPLICATION TYPE: (●) SEPTIC ONLY ( ) WELL ONLY ( ) SEPTIC & WELL
( ) ADDITION OR RENOVATION WITH OCCUPANCY INCREASE
(●) ADDITION OR RENOVATION WITH NO OCCUPANCY INCREASE
( ) EXCHANGE MOBILE HOME (SAME # BEDROOMS)
( ) COMMERCIAL OR INDUSTRIAL

PERSON FILING APPLICATION:
NAME: Heath Moore
ADDRESS: 524 Raintree Drive
CITY: Matthews
STATE: NC ZIP: 28104
PHONE: (704) 621-8196
ALTERNATE PHONE:
E-MAIL: heathmoore@verbenabuildinggroup.com

PROPERTY OWNER: ☐ SAME AS PERSON FILING APPLICATION
NAME: Jason Richardson
ADDRESS: 14120 Lea Point Court
CITY: Hunterville
STATE: NC ZIP: 28078
PHONE:
ALTERNATE PHONE:
E-MAIL:

JOB LOCATION INFORMATION
TAX PARCEL #: 01314134
STREET ADDRESS: 14120 Lea Point Court
CITY: Hunterville
STATE: NC ZIP: 28078

SUBDIVISION OR MOBILE HOME PARK NAME:
LOT #:

WATER SUPPLY:
(●) MUNICIPAL ( ) PRIVATE WELL ( ) PUBLIC WELL ( ) SHARED WELL ( ) OTHER

RESIDENTIAL PROPERTY TYPE: ( ) N/A
(●) HOUSE ( ) MODULAR HOME ( ) MULTIPLE FAMILY
( ) SINGLE MOBILE HOME ( ) DOUBLE WIDE
( ) OTHER

OCCUPANCY (both fields are required):
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS: 3

COMMERCIAL / INDUSTRIAL PROPERTY TYPE: ☑ N/A
TYPE OF BUSINESS:
EMPLOYEES PER SHIFT:
OF SHIFTS:
INDUSTRIAL WASTES? ( ) YES ( ) NO
UNDERGROUND STORAGE TANKS? ( ) YES ( ) NO

ADDITION/RENOVATION TYPE ATTACHED TO EXISTING STRUCTURE:
☐ BEDROOM ☐ BATHROOM ☐ KITCHEN ☐ DINING ROOM ☐ LIVING ROOM ☐ DEN
☐ GARAGE ☐ SUNROOM ☐ PORCH ☐ DECK ☐ OTHER

ADDITION/RENOVATION TYPE DETACHED FROM EXISTING STRUCTURE:
☐ DETACHED GARAGE ☑ DETACHED GARAGE WITH PLUMBING ☐ POOL HOUSE ☐ SHOP ☐ BARN
☐ STORAGE SHED ☐ DETACHED PORCH / DECK ☐ OTHER

*The undersigned, owner, or legal agent for the owner, of the property described above as the "Job Location" has read the foregoing application, acknowledges that the contents of same are true, and authorizes the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

Owner's/Agent's Signature

08/30/2023
Date

A PROPOSED PLOT PLAN (see page 2) is required to be submitted with each application.

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 704-336-5103, FAX: 704-336-6894

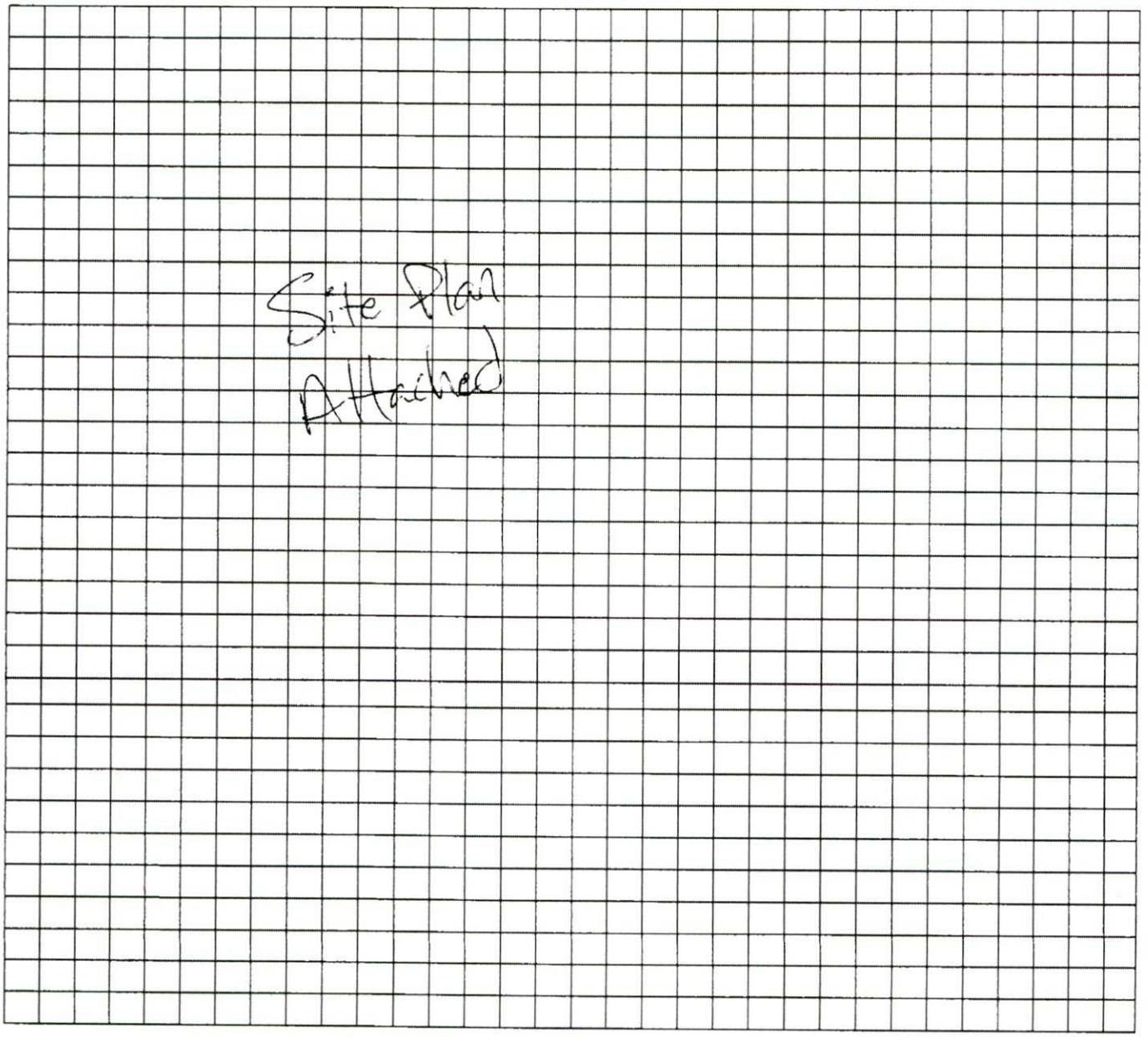
Revised on: 01/03/11

File #: _____

PROPOSED PLOT PLAN

A drawing showing the locations of the following items is required: existing and proposed property lines with dimensions, easements or right-of-ways, proposed building pad(s) or existing building footprint(s), all appurtenances (garage, driveway, deck, pool, etc.), location of existing or proposed well(s), location of existing or proposed sewer lines and sewage disposal systems, surface water bodies, and any aboveground or underground storage tanks. Provide names for all roads that adjoin the property.

Street Address: 14120 Lea Point Court Tax Parcel #: 01314134



*The undersigned, an authorized agent of the Mecklenburg County Health Department, certifies that the Department has approved the Request for the "Job Location" contained in this document. This approval is granted in accordance with the provisions of Laws and Rules for Sanitary Sewage Collection, Treatment, and Disposal and Water Supply Wells in effect at the time of issuance of the permit and is subject to the following provisions:

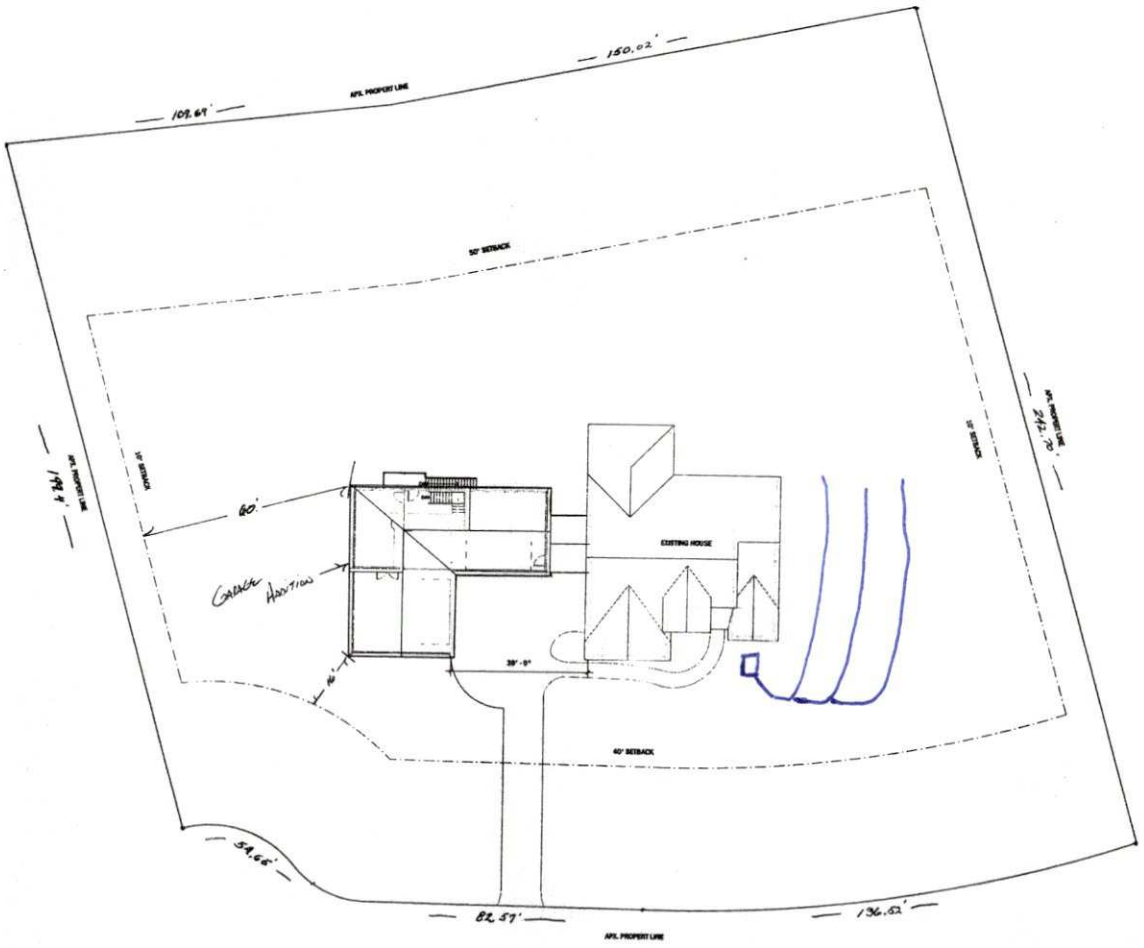
- No work shall be conducted on the septic tank system until an installation, construction, alteration and/or repair approval is granted by this Department.
- This permit is not transferable.
- Addition/Renovation approval valid 1 year from issuance date
- Mobile home exchange approval valid 6 months from issuance date

Detached garage no bedroom
approved-Home to remain 4bedroom

REHS Signature 9-6-23 Date

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 704-336-5103, FAX: 704-336-6894

Revised on: 01/03/11



1 **SITE PLAN**
SCALE: 1/16" = 1'-0"

PROJECT:
RICHARDSON GARAGE

DATE: 03/14/2022
PROJECT NO 2000
REVISION DATE

NOTES:

SITE PLAN

SCALE: 1/16" = 1'-0"

A1.0

DRAWN BY: RICHARDSON

MECKLENBURG COUNTY
Health Department

Raynard Washington, PhD, MPH
Health Director

(704) 336-4700

Addendum to Application for
New Well or Septic System Installation
Abandonment or Repair of Existing Well or Septic System

Your signature below confirms the following:

1. The information on the application is true, complete and accurate.
2. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliances with applicable laws and rules.
3. I acknowledge that HEATH MOORE is acting as my legal representative (agent) in the submittal of the application for a water supply well or septic permit located at

   0131 4134
   Number Street Town
   (Or Parcel Number).

Jason Richardson
Property Owner (print name)

Property Owner (signature)

8/31/2023
Date

CERTIFICATE OF COMPLETION/OPERATION PERMIT

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5103

FILE: 5036B DATE: 10/26/05

TC: 013-141-34 ☒ L ☐ CRT

SERIAL Nº 20038

Name of Owner RION HOMES, INC. Juris.: _____

Address of Property 14120 LEA POINT COURT

Inspection Data:

Tank Material PCC

Total Length of Drainfield 400'

Number of Lines 3 @ 133'

Cover Depth 12"

Water Supply Source MUNICIPAL

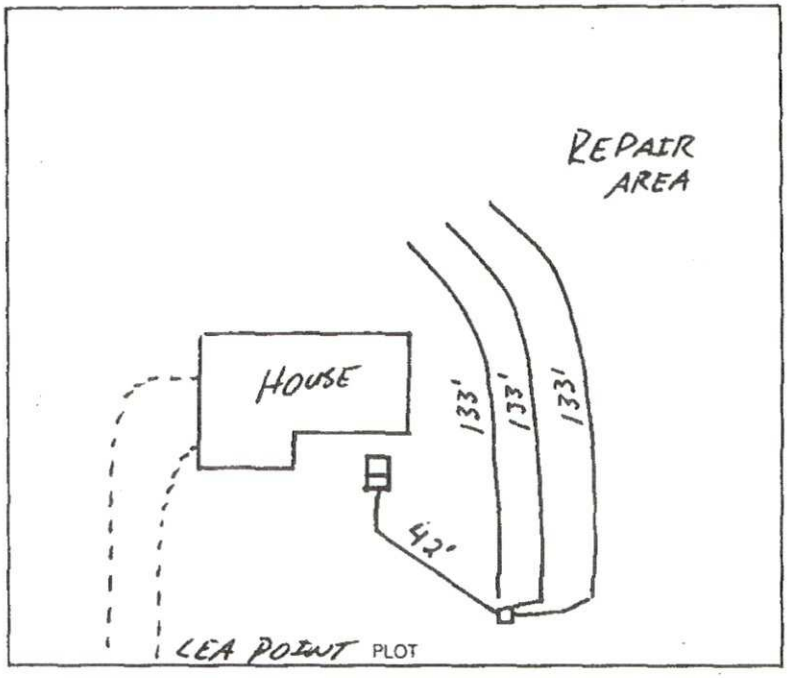
Distance to Water Source NA

Excavation Inspected 10/26/05

Tank(s) Inspected 10/26/05

Wash Line Inspected —

High Water Alarm Inspected —



Design 1500 ST, 1200 SFT, INV, CHAMBERS CTR# JOE THOMPSON

The undersigned has inspected the Septic Tank System described above, and certifies it has been

☒ installed or constructed ☐ altered or repaired

☐ in accordance with the permit issued ☒ as detailed in the plot above

and meets the provisions of 15A NCAC 18A. 1900, "Laws And Rules For Sewage Treatment and Disposal Systems" in effect on the date of issuance of the permit. This issuance of this

☐ Certificate of Completion ☒ Operation Permit

does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of 15A NCAC 18A. 1900 in addition to those listed below under "COMMENTS." This document shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

Notice: Disturbance of the designated repair area may result in the suspension/revocation of this permit.

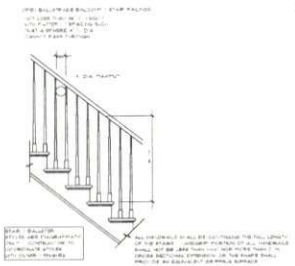
COMMENTS: FOUR BEDROOM HOUSE
3 lines x 133' x 3'
TYPE IIIg INNOVATIVE SYSTEM

Tommy Mabe, R.S.
Environmental Health Specialist

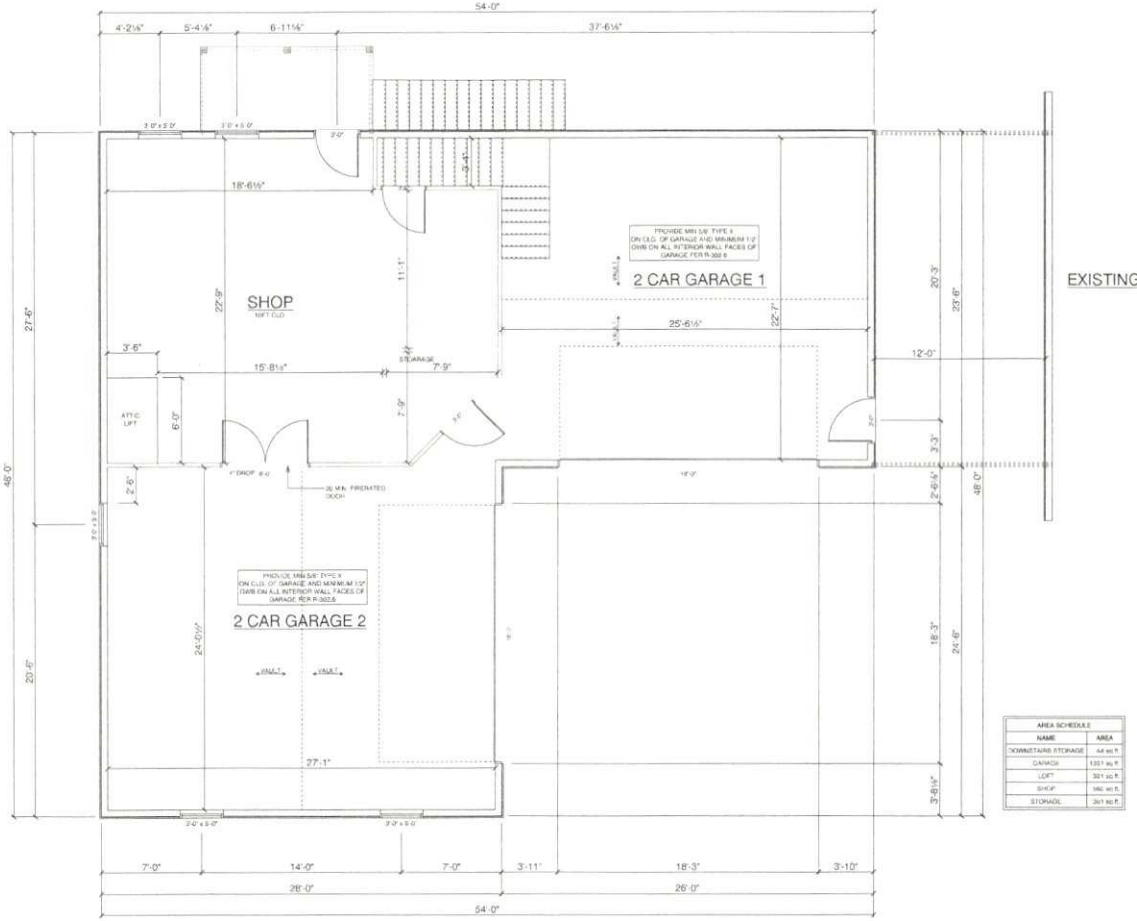
Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

GENERAL NOTES

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES, REGULATIONS, AND PALVA TYPE.
2. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT SITE BEFORE BEGINNING CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED FOR JUSTIFICATION AND/OR CORRECTION BEFORE PROCEEDING WITH WORK. CONTRACTORS SHALL ASSUME RESPONSIBILITY FOR ERRORS THAT ARE NOT REPORTED.
3. ALL DIMENSION SHOULD BE READ OR CALCULATED AND NEVER SCALED.
4. ALL FOOTINGS TO BE BELOW FROST LINE (SEE LOCAL CODE) AND MUST REST ON UNDISTURBED SOIL CAPABLE OF HANDLEING THE BUILDING. CONSULT LOCAL ENGINEER FOR PROPER FOOTING AND REINFORCING SIZES.
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7. ALL ANGLED WALLS ARE 45 DEGREES, U.N.O.
8. ALL OPENINGS ARE CENTERED IN WALL OR AT 4" FROM CORNER, U.N.O.
9. FRAME WALLS ARE DRAWN AT 3-1/2" SIDE, U.N.O.



STAIR RAILING DETAIL/NOTES



MAIN FLOOR

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

AREA SCHEDULE	
NAME	AREA
DOWNSTAIRS STORAGE	44 sq ft
GARAGE	1351 sq ft
LOFT	321 sq ft
SHOP	980 sq ft
STORAGE	241 sq ft

MEMBER
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AMERICAN INSTITUTE of BUILDING DESIGN

Richardson garage

K TWENTY ONE HOME DESIGN, LLC
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TWENTY-ONE Home Design

PHONE: 704 401 6159
kenneth@8-twentyone.com
P.O. Box 55
Waxhaw, NC
DRAWN BY: KENNETH ROWLAND K.R.

PAGE: 2

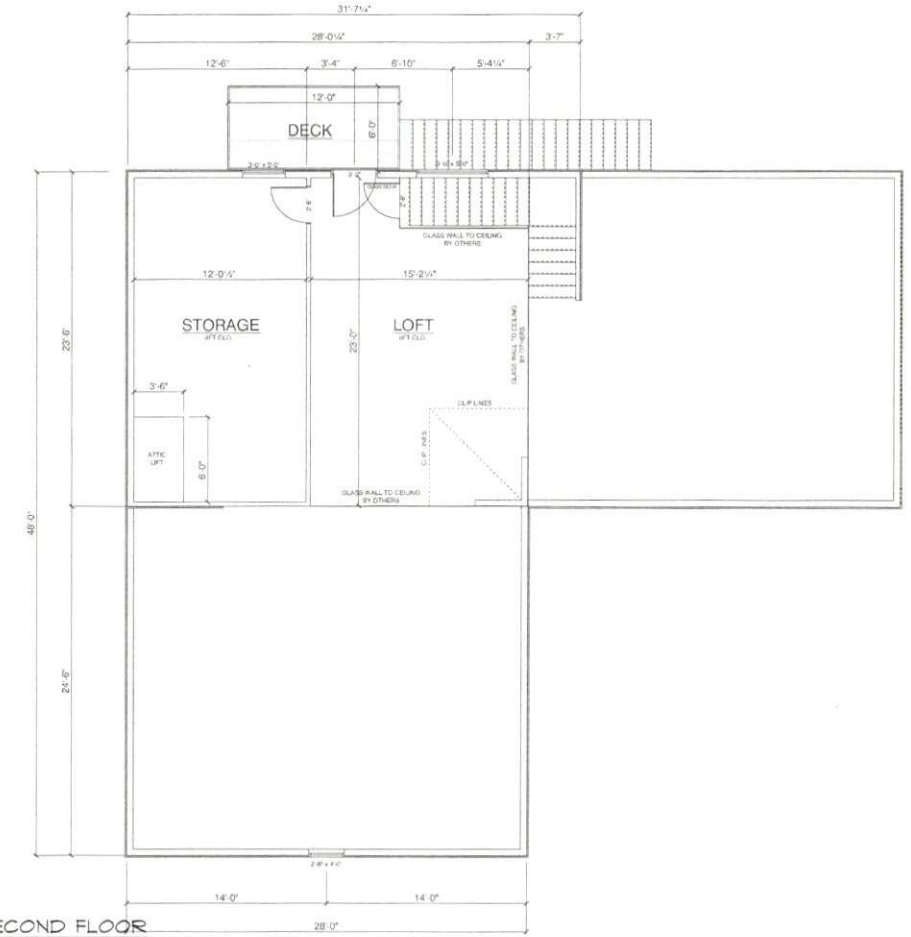
PAGE SIZE 24"X36"

DATE: Friday, August 11, 2023
SCALE: 1/4" = 1'-0"

FIRST FLOOR

GENERAL NOTES

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SECOND FLOOR

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

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SECOND FLOOR

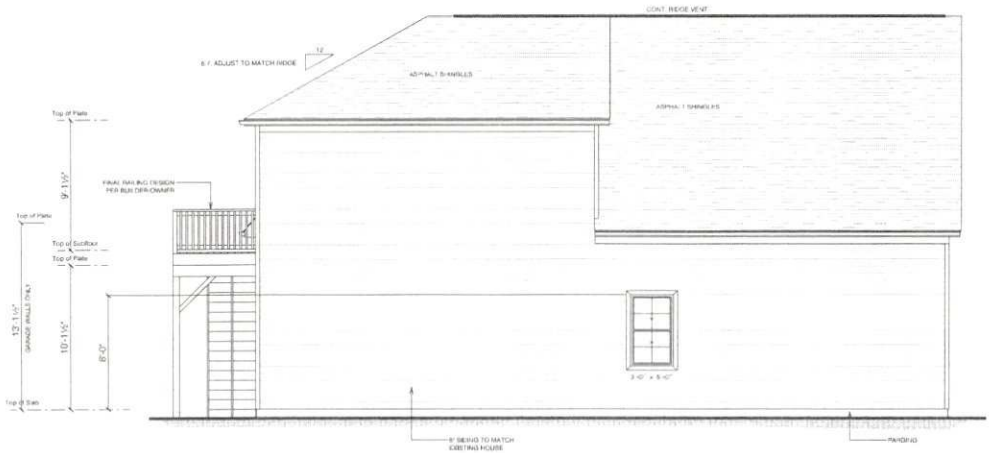
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FRONT ELEVATION

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



LEFT ELEVATION

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

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DRAWN BY: KENNETH ROWLAND - KR

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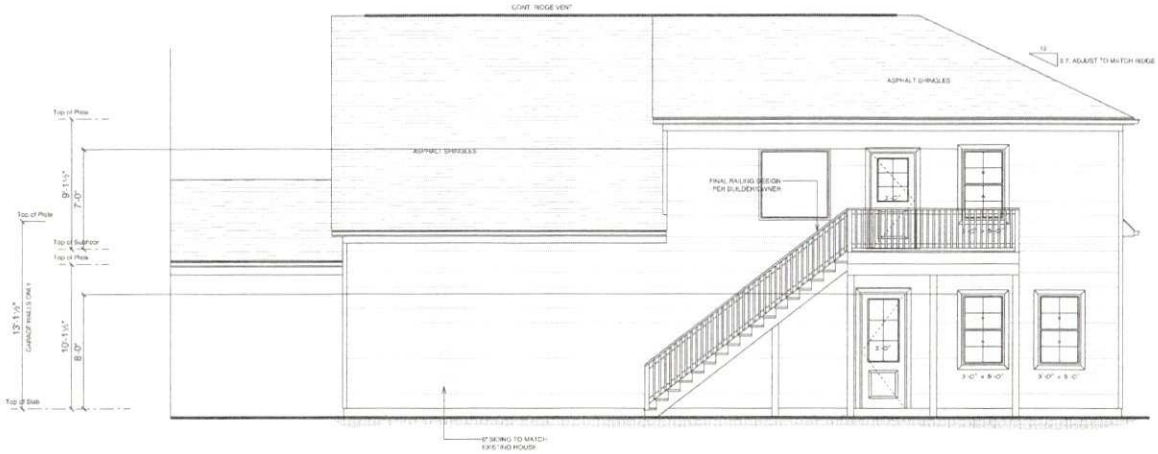
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FRONT

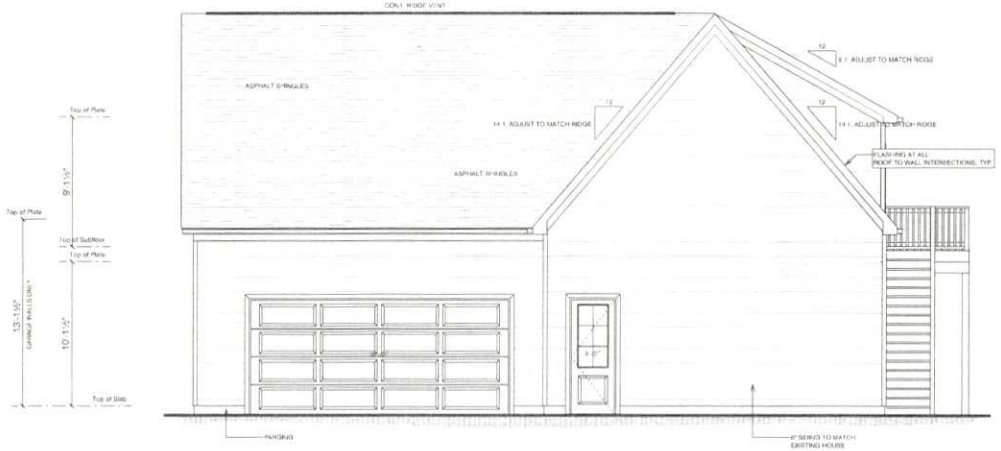
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9. PRIVATE WALLS ARE DRAWN AT 5 1/2" USE, U.N.O.



REAR ELEVATION

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



RIGHT ELEVATION

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

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Richardson garage

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K.R.

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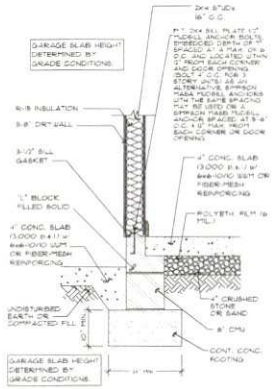
REAR

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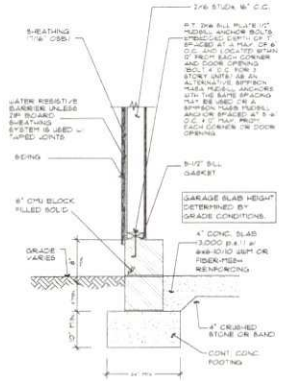
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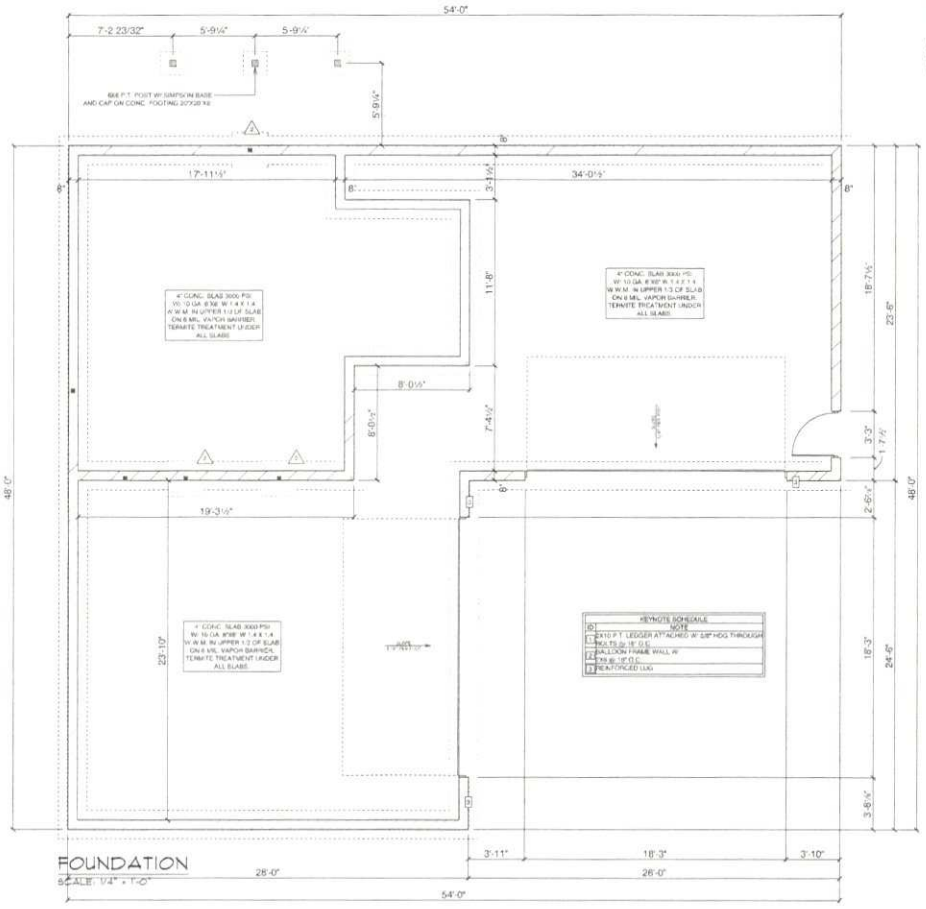
NOTE:
BOND ADJACENT 12" THES W/ STRUCTURAL TIES MAX. SPACING @ 8' O.C. VERT. & 24" O.C. HOR. OR LATTER JOINT REINF. EVERY 16"

GARAGE / HOUSE CONNECTOR



NOTE:
BOND ADJACENT 12" THES W/ STRUCTURAL TIES MAX. SPACING @ 8' O.C. VERT. & 24" O.C. HOR. OR LATTER JOINT REINF. EVERY 16"

GARAGE W/ PARGED BLOCK WALL



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

FOUNDATION NOTES:
1. ALL DIMENSIONS SHALL BE VERIFIED AGAINST ARCHITECTURAL PLANS.
2. TRANSFER ALL POINT LOADS ABOVE TO FOUNDATION WITH AN EQUAL NUMBER OF STUDS.
3. ALL CONCRETE TO BE 3000 PSI (MIN).
4. ALL SOIL TO HAVE 2000 PSF BEARING CAPACITY (MIN.)

BEARING WALL, INTERIOR & INTERIOR NOTES:
1. PROVIDE 1/2" ANCHOR BOLTS @ 4'-0" O.C. w/ 7" EMBEDMENT INTO CONC. FOOTING OR APPROVED METAL STRAPS @ 4'-0" O.C. ANCHORS ALSO TO BE LOCATED WITHIN 12" OF CORNERS, BUILDING OPENINGS AND SOLE PLATE SPLICES AT LEAST 2 ANCHORS PER WALL SECTION REQUIRED.

FOOTING SCHEDULE		
1	24X24X12	W / 3-#4 S.E.W.
2	30X30X12	W / 4-#4 S.E.W.
3	36X36X12	W / 4-#4 S.E.W.
4	42X42X12	W / 5-#4 S.E.W.
5	48X48X12	W / 6-#4 S.E.W.
6	54X54X12	W / 6-#4 S.E.W.
7	60X60X12	W / 7-#4 S.E.W.

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NORTH CAROLINA REGISTERED SEAL 041909 ENGINEER SETH J. WHEELER

NORTH CAROLINA RESIDENTIAL STRUCTURES PC No. 3295 CERTIFICATE OF AUTHORIZATION

RESIDENTIAL STRUCTURES, P.C.
3419 N. Davidson St.
Charlotte, N.C. 28205
Seal For Structural Only

Richardson garage

TWENTY-ONE Home Design

PHONE: 704.401.6159
kenneth@8-twentyone.com
P.O. Box 53
Waxhaw, NC

DRAWN BY: KENNETH ROWLAND
K.R.

PAGE: S1

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FOUNDATION

GENERAL NOTES

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES, REGULATIONS AND ALLOWS TIPS.
2. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT SITE BEFORE BEGINNING CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED FOR JUSTIFICATION AND/OR CORRECTION BEFORE PROCEEDING WITH WORK. CONTRACTORS SHALL ASSUME RESPONSIBILITY FOR ERRORS THAT ARE NOT REPORTED.
3. ALL DIMENSION SHOULD BE READ OR CALCULATED, AND NEVER SCALED.
4. ALL FOOTINGS TO BE BELOW FROST LINE. SEE LOCAL CODES AND MUST REST ON UNDISTURBED SOIL CAPABLE OF HANDLING THE BUILDING. CONSULT LOCAL ENGINEER FOR PROPER FOOTING AND REINFORCING SIZES.
5. CONTRACTOR SHALL INSURE COMPATIBILITY OF THE BUILDING WITH ALL SITE REQUIREMENTS.
6. ALL FOUNDATION AND STRUCTURAL MEMBERS SHOULD BE VERIFIED AND STAMPED BY LOCAL STATE CERTIFIED STRUCTURAL ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR ADJUSTING AND VERIFYING ALL STRUCTURAL DETAILS AND CONDITIONS TO MEET ALL LOCAL CODES AND TO INSURE A QUALITY AND SAFE CONSTRUCTION.
7. ALL ANGLES WALLS ARE 45 DEGREES, U.N.O.
8. ALL OPENINGS ARE CENTERED IN WALL ON 4" FROM CORNER, U.N.O.
9. FRAME WALLS ARE DRAWN AT 3-1/2" SIDE U.N.O.

TYPICAL HANGERS

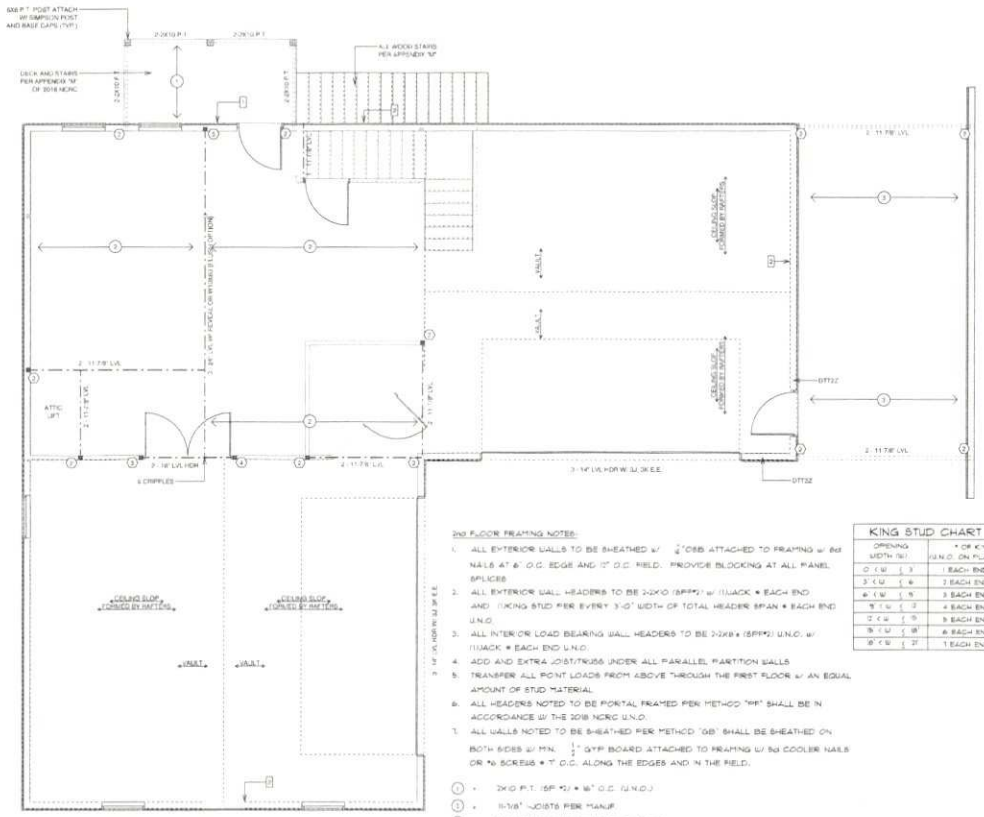
MEMBER	HANGER
2X8	LUS28
2X10	LUS210
2X12	LUS210
(2) 2X8	HUS28-2
(2) 2X10	HUS210-2
(2) 2X12	HUS210-2
(3) 2X8	LUS28-3
(3) 2X10	LUS210-3
(3) 2X12	LUS210-3
(2) 9 1/4" / (2) 11 7/8" LVL	HGUS410
(2) 14" / (2) 16" / (2) 18" LVL	HGUS414
(3) 9 1/4" LVL	HGUS5.50/10
(3) 11 7/8" LVL	HGUS5.50/12
(3) 14" / (3) 16" / (3) 18" LVL	HGUS5.50/14
(4) 9 1/4" LVL	HGUS7.25/10
(4) 11 7/8" LVL	HGUS7.25/12
(4) 14" / (4) 16" / (4) 18" LVL	HGUS7.25/14

WALL STUD REQUIREMENTS

EXT. WALL HT. (H)	STUD SIZE AND SPACING
H ≤ 10'-0"	2X4 @ 16" (O.C.)
10'-0" < H ≤ 11'-0"	2X4 @ 12" (O.C.)
11'-0" < H ≤ 18'-0"	2X6 @ 16" (O.C.)
H > 18'-0"	CONSULT ENGINEER

KEYNOTE SCHEDULE

KEY	NOTE
1	2X10 P.T. LEDGER ATTACHED W/ 5/8" HDG THROUGH BOLTS @ 16" O.C.
2	WALL ON FIRE WALL W/
3	5/8 @ 16" O.C.
4	REINFORCED U/S



SECOND FLOOR SYSTEM

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

2nd FLOOR FRAMING NOTES:

1. ALL EXTERIOR WALLS TO BE SHEATHED W/ 7/16"OSB ATTACHED TO FRAMING W/ 8d NAILS AT 6" O.C. EDGE AND 12" O.C. FIELD. PROVIDE BLOCKING AT ALL PANEL SPLICES
2. ALL EXTERIOR WALL HEADERS TO BE 2-2X10 (SPF#2) w/ (1)JACK @ EACH END AND (1)KING STUD PER EVERY 3'-0" WIDTH OF TOTAL HEADER SPAN @ EACH END U.N.O.
3. ALL INTERIOR LOAD BEARING WALL HEADERS TO BE 2-2X8 @ (SPF#2) U.N.O. w/ (1)JACK @ EACH END U.N.O.
4. ADD AND EXTRA JOIST/TRUSS UNDER ALL PARALLEL PARTITION WALLS
5. TRANSFER ALL POINT LOADS FROM ABOVE THROUGH THE FIRST FLOOR w/ AN EQUAL AMOUNT OF STUD MATERIAL
6. ALL HEADERS NOTED TO BE PORTAL FRAMED PER METHOD "PF" SHALL BE IN ACCORDANCE W/ THE 2018 NCRC U.N.O.
7. ALL WALLS NOTED TO BE SHEATHED PER METHOD "GB" SHALL BE SHEATHED ON BOTH SIDES W/ MIN. 1/2" GYP BOARD ATTACHED TO FRAMING W/ 5d COOLER NAILS OR #6 SCREWS @ 7" O.C. ALONG THE EDGES AND IN THE FIELD.

(1) = 2X10 P.T. (SF #2) @ 16" O.C. (U.N.O.)
(1) = 11-7/8" JOISTS PER MANUF.
(5) = 2X8 CEILING JOISTS (SPF #2) @ 16" O.C.
(#) = NUMBER OF STUDS. STUDS TO BE SAME SIZE AS ASSOCIATED WALL FRAMING STUDS U.N.O. NOTE: STUD COUNTS DO NOT ACCOUNT FOR KING STUDS. SEE FRAMING NOTES ABOVE FOR KING STUD REQUIREMENTS.

KING STUD CHART

OPENING WIDTH (W)	# OF KING STUDS (U.N.O. ON PLANS)
0' < W ≤ 3'	1 EACH END
3' < W ≤ 6'	2 EACH END
6' < W ≤ 9'	3 EACH END
9' < W ≤ 12'	4 EACH END
12' < W ≤ 15'	5 EACH END
15' < W ≤ 18'	6 EACH END
18' < W ≤ 21'	7 EACH END

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NORTH CAROLINA REGISTERED 04-1309 PROFESSIONAL ENGINEER BETH J. WHEELER

NORTH CAROLINA RESIDENTIAL STRUCTURES PC No. 3295 CERTIFICATE OF AUTHORIZATION

RESIDENTIAL STRUCTURES, P.C.
3410 N. Davidson St.
Charlotte, N.C. 28205
Seal For Structural Only

Richardson garage

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TWENTY-ONE Home Design
PHONE: 704 401 6159
kenneth@8-twentyone.com
P.O. Box 55
Washpo, NC
DRAWN BY: KENNETH ROWLAND K.R.

PAGE: S2

2ND FLR SYS

PAGE SIZE 24"X36"

DATE: Friday, August 11, 2023

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

GENERAL NOTES

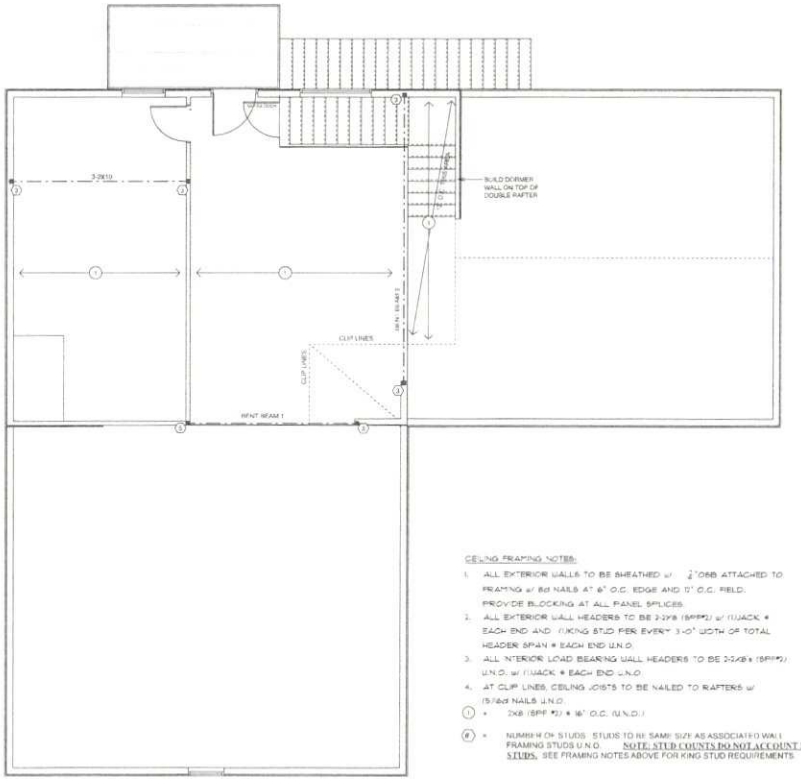
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TYPICAL HANGERS

MEMBER	HANGER
2X8	LUS28
2X10	LUS210
2X12	LUS210
(2) 2X8	HUS28-2
(2) 2X10	HUS210-2
(2) 2X12	HUS212-2
(3) 2X8	LUS28-3
(3) 2X10	LUS210-3
(3) 2X12	LUS210-3
(2) 9 1/4" / (2) 11 7/8" LVL	HGUS414/0
(2) 14" / (2) 16" / (2) 18" LVL	HGUS414
(3) 9 1/4" LVL	HGUS66.50/10
(3) 11 7/8" LVL	HGUS66.50/10
(3) 14" / (3) 16" / (3) 18" LVL	HGUS66.50/14
(4) 9 1/4" LVL	HGUS1.25/10
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10'-0" < h ≤ 11'-0"	2X4 @ 12" (O.C.)
11'-0" < h ≤ 18'-0"	2X6 @ 16" (O.C.)
h > 18'-0"	CONSULT ENGINEER



CEILING PLAN

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

CEILING FRAMING NOTES:

1. ALL EXTERIOR WALLS TO BE SHEATHED w/ 7/16"OSB ATTACHED TO FRAMING w/ 8d NAILS AT 6" O.C. EDGE AND 12" O.C. FIELD. PROVIDE BLOCKING AT ALL PANEL SPLICES.
2. ALL EXTERIOR WALL HEADERS TO BE 2-2X8 (SPF#2) w/ (1)JACK + EACH END AND (1)KING STUD PER EVERY 3'-0" WIDTH OR TOTAL HEADER SPAN + EACH END U.N.O.
3. ALL INTERIOR LOAD BEARING WALL HEADERS TO BE 2-2X8's (SPF#2) U.N.O. w/ (1)JACK + EACH END U.N.O.
4. AT CLIP LINES, CEILING JOISTS TO BE NAILED TO RAFTERS w/ (5)16d NAILS U.N.O.

(1) = 2X8 (SPF #2) @ 16" O.C. (U.N.O.)

(#) = NUMBER OF STUDS. STUDS TO BE SAME SIZE AS ASSOCIATED WALL FRAMING STUDS U.N.O. NOTE: STUD COUNTS DO NOT ACCOUNT FOR KING STUDS. SEE FRAMING NOTES ABOVE FOR KING STUD REQUIREMENTS.

KING STUD CHART

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9' < W ≤ 12'	4 EACH END
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3410 N. Davidson St.
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TWENTY-ONE Home Design

PHONE: 704 401 6159
kenneth@8-twentyone.com
P.O. Box 55
Waxhaw, NC
DRAWN BY: KENNETH ROWLAND K.R.

PAGE: S3

CEILING PLAN

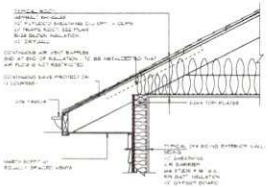
PAGE SIZE 24"X36"

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TYP. OVERHANG DETAIL

ROOF NOTES

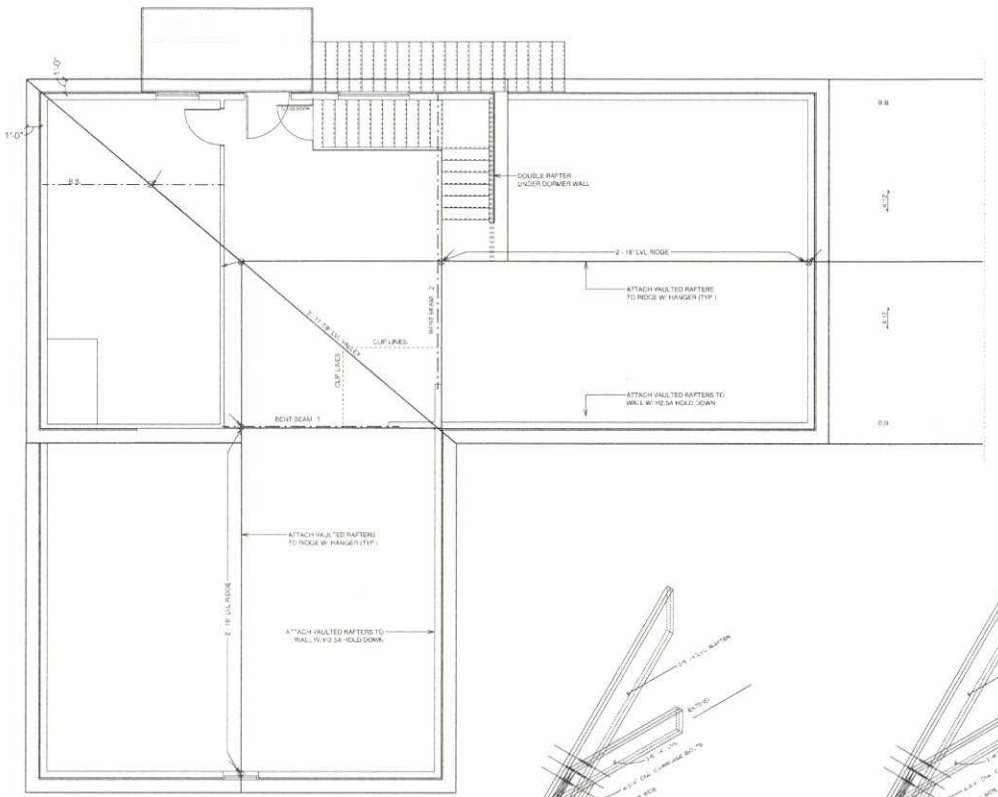
1. ALL RAFTERS TO BE 2X6's (SPF #2) @ 16" O.C. U.N.O.
2. ALL RIDGES TO BE MIN 2X8's (SPF #2) OR ONE SIZE LARGER THAN THE ASSOCIATED RAFTERS U.N.O.
3. ALL HIPS AND VALLEYS TO BE MIN 2X10's (SPF #2) OR ONE SIZE LARGER THAN THE ASSOCIATED RAFTERS U.N.O.

⊗ • ROOF BRACE POINT AND BRACE TO POINT. INSTALL A MIN. OF (2)2X4 8'-0"OB BELOW ALL ROOF BRACES THAT BEAR ON WALLS U.N.O.

B.B. • BEAM BELOW

[ ] • AREA TO BE OVERFRAMED

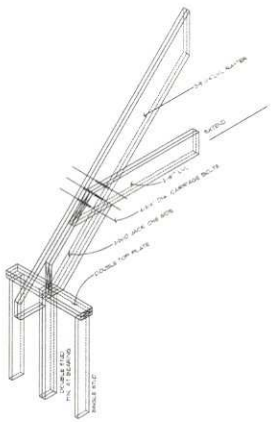
D.R. • DOUBLE RAFTER



ROOF PLAN

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

BENT BEAM 1



BENT BEAM 2

NORTH CAROLINA PROFESSIONAL SEAL 041909 ENGINEER BRIAN J. WHEELER

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ROOF PLAN