#5939

28 JAN '22 PM12:51

MECKLENBURG COUNTY HEALTH DEPARTMENT App 12813

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: DALE REYNOLDS
ADDRESS: PO BOX 23034
CITY: CHARLOTTE
STATE: NC ZIP: 28227
PHONE: 704-363-2670
ALTERNATE PHONE:
E-MAIL: LELA@REYNOLDSANDSONSCONST.COM

PROPERTY OWNER: ☐ SAME AS PERSON FILING APPLICATION
NAME: LUTHER FINCHER
ADDRESS: 12900 HELENA CIRCLE
CITY: MINT HILL
STATE: NC ZIP: 28227
PHONE: 704-340-0790
ALTERNATE PHONE:
E-MAIL:

JOB LOCATION INFORMATION
TAX PARCEL #: 19509209
STREET ADDRESS: 12900 HELENA CIRCLE
CITY: MINT HILL
STATE: NC ZIP: 28227

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: 3
NUMBER OF OCCUPANTS: 2

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 CLOSET

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

1-28-2022
Date

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

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
3205 Freedom Drive, Suite 8000, Charlotte, NC 28208
OFFICE: 980-314-1680, FAX: 704-336-6894

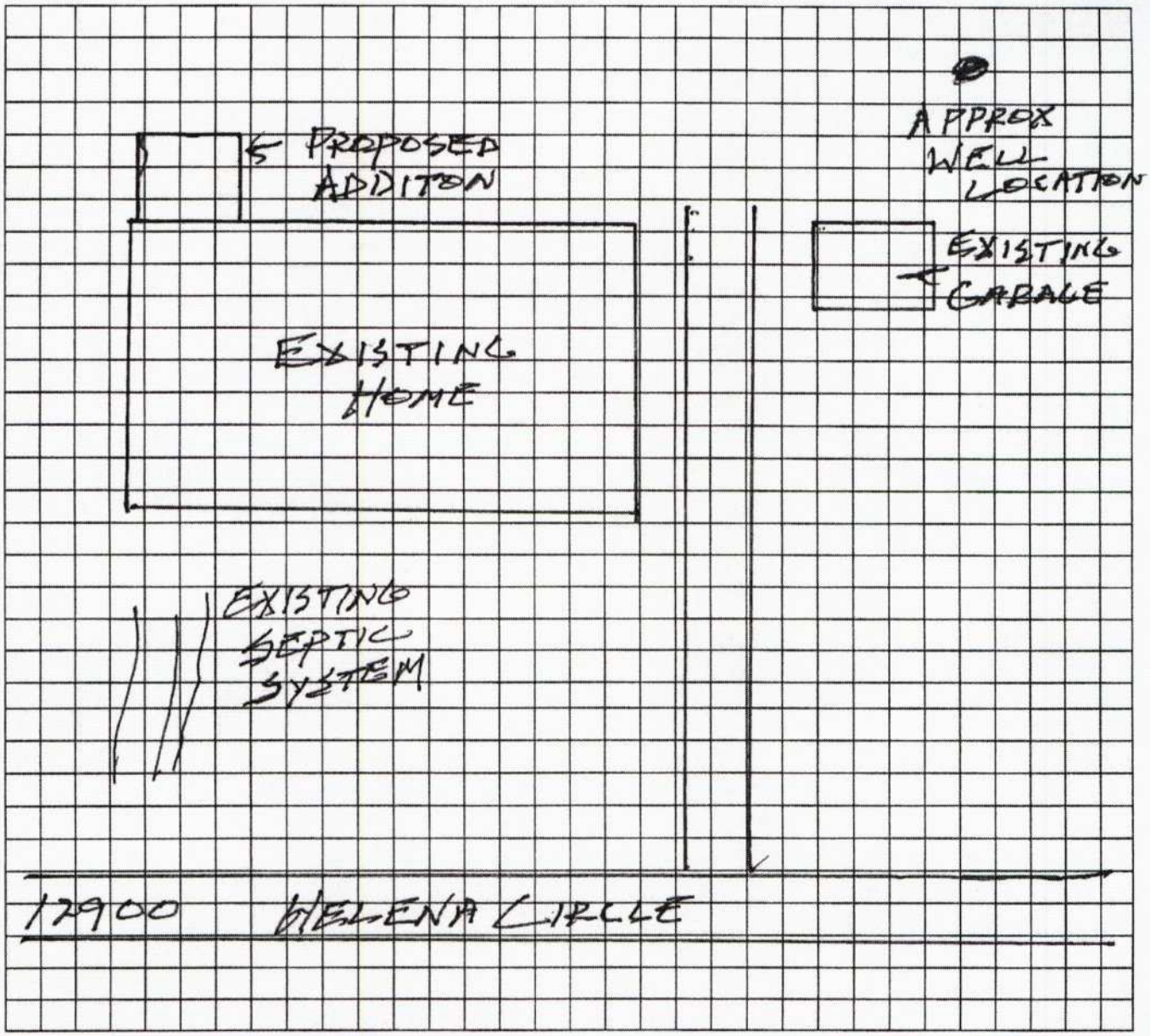
Revised on: 01/03/11

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: 12900 HELENA CIRCLE Tax Parcel #: 19509209



*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

_____

_____

_____ _____

REHS Signature Date

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
3205 Freedom Drive, Suite 8000, Charlotte, NC 28208
OFFICE: 980-314-1680, FAX: 704-336-6894

Revised on: 01/03/11

RESIDENCE

12900 HELENA CIR.
MINT HILL, NC 28105

ABBREVIATIONS

A	Amperage	DEPT	Department	HP	High Point	NA	Not Applicable	SCH	Schedule
AB	Anchor Bolt	DET	Detail	HS	High Strength	NAT	Natural	SECT	Section
A/C	Air Conditioning	DF	Drinking Fountain	HS	Hand Sink	NEG	Negative	SEL	Select
ABV	Above	DIAG	Diagonal	HT	High Tension	NF	Noise Frequency	SEP	Separate
ACT	Acoustical Ceiling Tile	DIM	Dimension	HTR	Heater	NIC	Not In Contract	SHT	Sheet
ACT	Actual	DIV	Divide	HTS	High Tensile Strength	NO	Number	SF	Smooth Faced
ADH	Adhesive	DL	Dead Load	HVAC	Heating, Ventilation & Air Conditioning	NOM	Nominal	SF	Square Feet
ADJ	Adjacent	DN	Down			NP	Nickel Plated	SGL	Single
AFF	Above Finish Floor	DOZ	Dozen	HW	Hot Water	NRC	Noise Reduction Coefficient	SIM	Similar
AGGR	Aggregate	DP	Dampproofing	HWY	Highway	NS	Near Side	SK	Sink
AL	Aluminum	DR	Door	HYDR	Hydrant	NTS	Not To Scale	SM	Small
ALLOW	Allowance	DR	Drain					SOG	Slab on Grade
ALT	Alternate	DS	Double Strength	ID	Inside Diameter	OC	On Center	SOL	Solid
ALUM	Aluminum	DS	Downspout	IJ	Isolation Joint	OCT	Octagonal	SP	Soil Pipe
APPX	Approximate \ Approximately	DUP	Duplicate	ILUM	Illuminate	OD	Outside Diameter	SP	Stand Pipe
APT	Apartment			IMPG	Impregnate	OFM	Office	SPEC	Specification
ARCH	Architect	E	East	INC	Incorporated	OPG	Opening	SPKR	Speaker
ASPH	Asphalt	EA	Each	INCL	Included	OPP	Opposite	SPRK	Sprinkler
ASSN	Asphalt	EF	Each Face	INDL	Industrial	OPT	Opposite	SQ	Square
ASSY	Association	EIFS	Exterior Insulation and Finish System	INF	Infinity	ORIG	Optional	SS	Single Strength
ASTD	Assembly			INFO	Information	OUT	Original	SSK	Soil Stack
AVE	Automobile	EJ	Expansion Joint	INR	Interior Noise Rating	OV	Outlet, Outside	SST	Stainless Steel
AVG	Avenue	EL	Elevation	INST	Institute	OVHD	Over	ST	Storm
	Average	ELEC	Electric	INSUL	Installed		Overhead	ST	Street
BF BLDG		ELEV	Elevation	INTER	Insulation	PART		STAG	Staggered
BC	Bottom of	ELEV	Elevator	INT	Interior	PC	Partition	STATN	Stationary
BD	Bottom Chord	EMB	Embossment	INTL	International	PCI	Precast	STD	Standard
BDY	Board	ENAM	Enamel	IPS	Iron Pipe Size	PEB	Percent	STL	Steel
BL	Boundary	ENGR	Engineer			PERM	Pedestal	STN	Stone
BLDG	Building Line	ENTR	Entrance	J	Joist	PERM	Perforated	STOR	Storage
BLW	Building	EQ	Equal	JB	Junction Box	PERP	Permanent	STR	Straight
BM	Below	EQUIP	Equipment	JCT	Junction	PH	Perpendicular	STR	Strength
BOT	Beam	EST	Estimated	JR	Junior	PL	Phase	STRM	Stormproof
BR	Bottom	EW	Each Way	JT	Joint	PL	Plate	STRUCT	Structural
BRG	Bearing	EXC	Each Wall			PL/LAN	Property Line	SUB	Substitute
BSMT	Bedroom	EXH	Excavate	K	Kips (Kilopounds)	PLG	Plastic Laminate	SURF	Surface
BTWN	Basement	EXP	Exhaust	KD	Kiln Dried	PLUMB	Piling	SUSP	Suspended
	Between	EXT	Expansion	KO	Knock Down	PLN	Plumbing	SW	Single Weight
			Exterior			PLYWD	Plane	SWM	Storm Water Management
C/C		FAB	Fabricate	L	Left	PNT	Plywood	SYM	Symmetrical
CAB	Center to Center	FB	Flat Bar	LAB	Laboratory	PNL	Paint	SYS	System
CAP	Cabinet	FD	Floor Drain	LAM	Laminate	POT	Panel		
CAT	Capacity	FDN	Foundation	LAQ	Lacquer	PORT	Pipe	T(T.O.)	Top of
CB	Catalog	FFE	Finish Floor Elevation	LAV	Lavatory	PCS	Portable	T&G	Tongue & Groove
CT	Circuit Breaker	FIG	Figure	LB	Pounds	PR	Positive	TC	Top Chord
CF	Cubic Feet	FIN	Finish	LF	Low Frequency	PREFAB	Pair	TD	Trench Drain
CIP	Cast Iron	FIN	Fixture	LG	Large	PRELIM	Prefabricated	TECH	Technical
CIPC	Cast Iron Pipe	FIX	Flooring	LGTH	Length	PRFP	Preliminary	TEL	Telephone
CIRC	Circle	FL	Floor	LH	Left Hand	PRIOR	Preparation	TEMP	Temperature, Temporary
CJ	Circular	FL	Folding	LIC	Licensed	PRL	Program	THK	Thickness
CJ	Control Joint	FLDG	Flooring	LIN	Linear	PROP	Parallel	THRES	Threshold
CL	Clearance	FLG	Flange	LINO	Linoleum	PROP	Property	THRU	Through
CLG	Centerline	FLG	Flooring	LIQ	Liquid	PS	Post	TOL	Tolerance
CLKG	Ceiling	FLUOR	Fluorescent	LLH	Long Leg Horizontal	PTD	Paint	TOS	Top Of Steel
CLOS	Caulking	FO	Face of	LLV	Long Leg Vertical	PVC	Painted	TOT	Total
CLR	Closet	FP	Freezing Point	LNTL	Lintel	PWB	Polyvinyl Chloride	TRANS	Transparent
CMFRP	Clear	FRP	Fiber Reinforced Plastics	LP	Low Point		Plywood	TRANSV	Transverse
CMU	Composite	FRPP	Fireproof	LT	Light			TV	Television
CNCL	Concrete Masonry Unit	FRT	Fire Retardant Treated	LTD	Limited	QC	Quality Control	TYP	Typical
CND	Concealed	FS	Far Side	LVL	Level	QTR	Quarry Tile		
CO	Conduit	FTG	Footing	LWC	Light Weight Concrete	QTY	Quarter	UNF	Unfinished
CO	Change Order	FURN	Furnished			QUAL	Quantity	UNGD	Underground
CO	Clearout	FUT	Future	MAINT	Maintenance		Quality	UNO	Unless Noted Otherwise
COM	Common			MANF	Manual			UNPRO	Unplaned
COMB	Common	GA	Gage	MANUF	Manufacture	R/RAD	Radius	UPR	Upper
COMP	Combination	GALV	Galvanized	MAS	Masonry	R/W	Right of Way	UV	Ultra Violet
COMP	Composition	GAR	Garage	MATL	Material	RBR	Rubber		
COMC	Compressive	GFRC	Glass Fiber Reinforced Concrete	MAX	Maximum	RCVD	Receptacle	V	Voltage
CONCR	Concrete	GFRG	Glass Fiber Reinforced Gypsum	MBR	Member	RD	Received	VAR	Variable/Varies
CONST	Constructor			MECH	Mechanical	RECT	Road	VENT	Ventilation
CONT	Continue, Continuous			MED	Medium	REF	Rectangular	VERT	Vertical
COP	Coppertite	GI	Galvanized Iron	MEMBR	Membrane	REFRIG	Refrigerator	VIB	Vibrate
CORP	Copper	GOVT	Government	MEMO	Memorandum	REIL	Reinforcement	VOL	Volume
CORR	Corporation	GWB	Gypsum Wall Board	MFG	Manufacturing	REM	Relative	VS	Versus
CPM	Corrugated	GWT	Glazed Wall Tile	MGR	Manager	REMV	Remove		
CR	Calcium Profit Washing	GYP	Gypsum	MIN	Minimum	REPRO	Replace	W	West
CR	Cold Rolled			MISC	Miscellaneous	REQD	Reproduce	W/	With
CT	Countersunk	HB	Hose Bib	MLDG	Molding	REV	Required	W/C	Watercloset/Watercooler
CTD	Centered Tile	HD	Hard	MIN	Main	RFG	Revision	WD	Wood
CTP	Coated	HD	Head	MO	Masonry Opening	RGH	Roofing	WD	Width
CU	Center	HDWR	Hardware	MOD	Modification	RH	Rough	WDW	Window
CY	Cubic	HEX	Hexagonal	MP	Melting Point	RH	Right Hand	WH	Waterheater
CW	Check Valve Cold Water	HGT	Height	MRL	Mark	RH	Rivets	WM	Wire Mesh
		HM	Hollow Metal	MSW	Mission Switch	RO	Rough Opening	W/O	Without
#		HMDR	Hollow Metal Door	MT	Marble Threshold	RPR	Repair	WP	Waterproofing
D	Diameter	HNDRL	Handrail	MTG	Mounting	RTN	Return	WP	Working Point
DAT	Penny (Nails)	HOR	Horizontal	MTL	Metal	RVS	Reverse	WRG	Wiring
DB	Datum	HOR	Horizontal	MULT	Multiple			WT	Weight
DBL	Dry Bulb	HOSP	Hospital			S		WWF	Welded Wire Fabric
DC	Double	HP	High Performance	N	North	SAN	South Sanitary	WWM	Welded Wire Mesh
DEG	Door Closer Degree								

MATERIAL SYMBOLS

FINISHES	GYPSUM WALLBOARD	INSULATION	RIGID INSULATION
	ACOUSTICAL TILE		BATT INSULATION
METAL	STEEL LARGE SCALE	SUBSURFACE	EARTH
	METAL SMALL SCALE	CONCRETE	CONCRETE
WOOD	ROUGH WOOD		LIGHTWEIGHT CONCRETE
	WOOD BLOCKING OR SHIM	MASONRY	BRICK
	FINISH WOOD		CONCRETE MASONRY UNIT
	PLYWOOD		
STONE	SPLIT FACE/GROUND FACE CMU		

DRAWINGS

SHEET INDEX

ID	Name	XX/XX/XX						
A-001	COVER SHEET	■						
A-101	FLOOR PLANS	■						
A-201	ELEVATIONS	■						
A-301	SECTION AND DETAILS	■						
A-401	SPECIFICATIONS	■						

SYMBOLS

- SECTION — Drawing Number / Sheet Number
- ELEVATION — Drawing Number / Sheet Number
- DETAIL SECTION — Drawing Number / Sheet Number / Isolates Detail
- INTERIOR ELEVATION — Drawing Number / Sheet Number
- COLUMN GRID LINE — Column Number
- COLUMN GRID LINE-EXISTING — Column Number-Existing
- PARTITION — Partition Type
- HEIGHT SYMBOL — Elevation
- REVISION SYMBOL — Revision Number
- KEYNOTE SYMBOL — Keynote Number
- WINDOW SYMBOL — Window Number
- DOOR SYMBOL — Door Number
- ROOM SYMBOL — Room Number / Room Name
- PROPERTY LINE
- TENANT LEASE LINE
- COLUMN GRID LINE

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH THE LIFE SAFETY CODE, ALL LOCAL AND STATE FIRE CODES AND CURRENT BUILDING CODES.
2. THE CONTRACTOR SHALL COMPLY WITH ANY EXISTING STATE AND APPLICABLE COUNTY OR CITY REGULATIONS AND LEGISLATION REGARDING THE CONTROL OF POLLUTION AS IT APPLIES TO THE WORK
3. CODES: ALL MATERIALS, CONSTRUCTION TECHNIQUES AND PRACTICES IN ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION, AND ELECTRICAL WORK SHALL CONFORM TO THE APPLICABLE CODES AND REGULATIONS OF THE STATE AND ITS LOCAL JURISDICTION AND ALL INDUSTRY STANDARDS.
4. CLARIFICATION: IF THE CONTRACT DRAWINGS ARE FOUND TO BE UNCLEAR, AMBIGUOUS, OR CONTRADICTORY THE CONTRACTOR MUST REQUEST CLARIFICATION FROM THE ARCHITECT BEFORE PROCEEDING WITH THAT PART OF THE PROJECT WORK.
5. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND STANDARDS TO INSURE THE SAFETY OF ALL PERSONS ON THE SITE.
6. THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ARCHITECT.

BUILDING INFORMATION

CODES: North Carolina Residential Code 2018

AREA: 250 SQ. FT.

BUILDING USE: RESIDENTIAL

VICINITY MAP



ISSUED FOR CONSTRUCTION

JBA
JENNIFER BENSON ARCHITECTURE PLLC
P.O. BOX 1421
INDIAN TRAIL, NC 28079
704-995-1745
www.jbensonarch.com

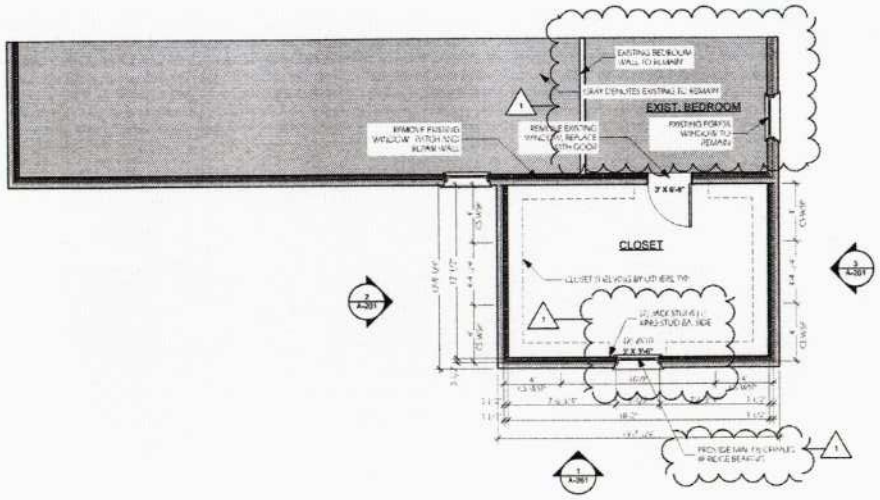
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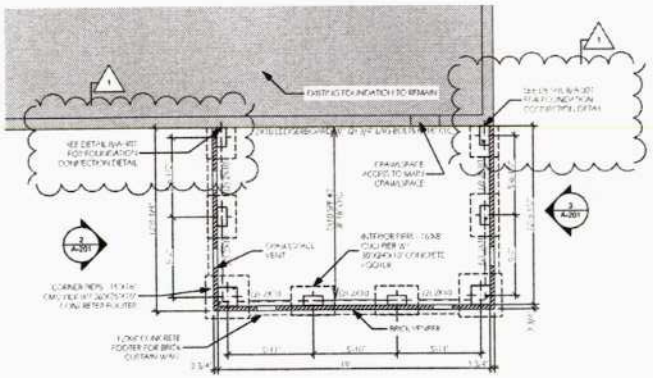
RESIDENCE
12900 HELENA CIR.
MINT HILL, NC 28105

Δ	Date	Revision

DATE: 11/30/2021
DRAWN BY: JAB
SCALE:
PROJECT NO: 21.450
CHECKED BY: JENNIFER BENSON
SHEET TITLE: COVER SHEET
SHEET NUMBER: A-001

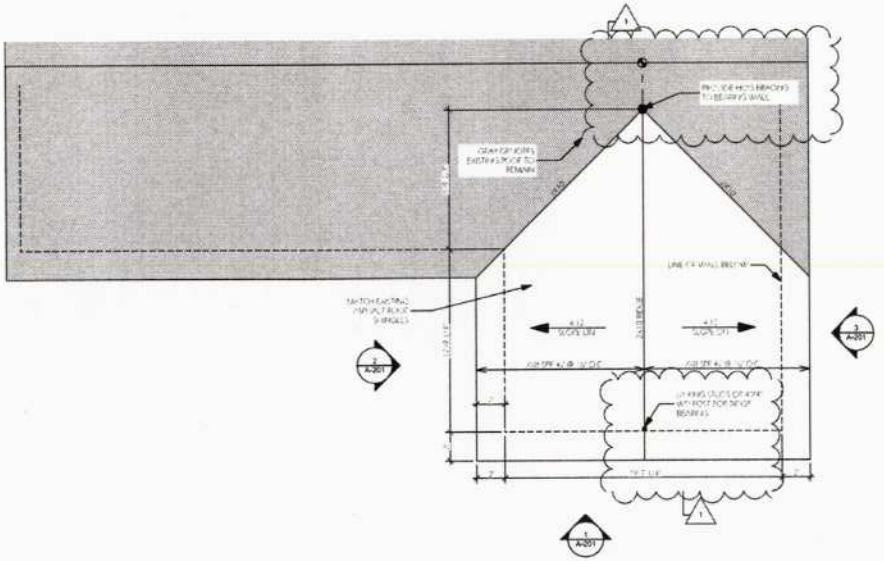


1 1st FLOOR PLAN



2 FOUNDATION PLAN

NOTES:
1. ALL DIMENSIONS ARE TO FACE OF STUD
2. ALL INTERIOR WALLS TO BE 2X4 WOOD STUDS @ 16" O.C. WITH 1/2" GYP. BD. EA. SIDE
3. ALL EXTERIOR WALLS TO HAVE 1/2" CONTINUOUS OSB
4. EXTERIOR WALLS TO BE 2X6 WOOD STUDS @ 16" O.C. WITH 7/16" OSB SHEATHING, 1/16" OSB TYVEK BUILDING WRAP OR SIMILAR AND EXTERIOR FINISH AS NOTED ON ELEVATIONS
5. PROVIDE WOOD STRUCTURAL PANEL (CS-WSP) SHEAR WALLS AT EXTERIOR WALLS FOR WALL BRACING PER 2018 IRC WITH NAILING AT 6" O.C. AT PANEL EDGES AND 12" O.C. IN FIELD
6. PROVIDE (2) 2X12 HEADERS OVER ALL WINDOW AND DOOR OPENINGS TO 4'-0" AND (3) 2X12 HEADERS TO OPENINGS TO 6'-0"
7. PROVIDE (1) JACK STUD AND (1) KING STUD EA. SIDE AT ALL WINDOW AND DOOR LOCATIONS
8. PROVIDE DOUBLE JOISTS AT ALL WALL LOCATIONS ABOVE
9. PROVIDE TEMPERED GLAZING AT THE WINDOW WITHIN 36" OF THE WALKING SURFACE OF A STAIR LESS THAN 48" ABOVE THE PLANE OF THE ADJACENT WALKING AREA AND LESS THAN 60" FROM THE TUB OR SHOWER AND LESS THAN 60" ABOVE THE FLOOR
10. PROVIDE ORDER #1 FOR SUPGIRDERS AND HEADERS, TYP.
11. WHERE THE PROPERTY LINE IS LESS THAN 10' FROM THE BUILDING FACE AND THE SOFFIT MATERIAL IS VINYL OR ALUMINUM, THE SOFFIT MATERIAL SHALL BE SECURELY ATTACHED TO THE FRAMING MEMBERS AND SHALL USE UNVENTED VINYL SOFFIT MATERIAL OR EITHER 5/8" FIBERBOARD OR TREATED WOOD. THESE MATERIALS OR THE EQUIVALENT OF 5/8" GYPSUM BOARD (EXTERIOR) REQUIREMENTS SHALL APPLY TO BOTH SOFFIT AND UNDERLAYMENT AS SHALL BE PER SECTION R806
12. PROVIDE ELECTRICAL OUTLETS AS REQUIRED BY CODE TYP.
13. PROVIDE GFCI OUTLETS FOR ALL WET AREAS, KITCHEN, BATHROOMS, LAUNDRY ROOM
14. PROVIDE ATTIC VENTILATION. VENTS SHALL BE NOT LESS THAN 1/150 OF THE AREA IN ATTIC SPACE.
15. FOR ALL ROOF SLOPES 2:12 AND 4:12 PROVIDE 2 LAYERS OF FELT LAID SHINGLE PARALLEL TO AND STARTING AT THE EAVES. OVERLAP 19" SHEETS 2"
16. PROVIDE R-38 ROOF INSULATION OR PROVIDE R-30 OVER 100% OF CEILING INCLUDING EAVES
17. [illegible]
18. PROVIDE ROOF SHEATHING (EASTERN FIR) MIN 7/16" THICK @ 6" O.C. AT PANEL EDGES AND 12" O.C. IN FIELD



3 ROOF PLAN

ISSUED FOR CONSTRUCTION

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INDIAN TRAIL, NC 28079
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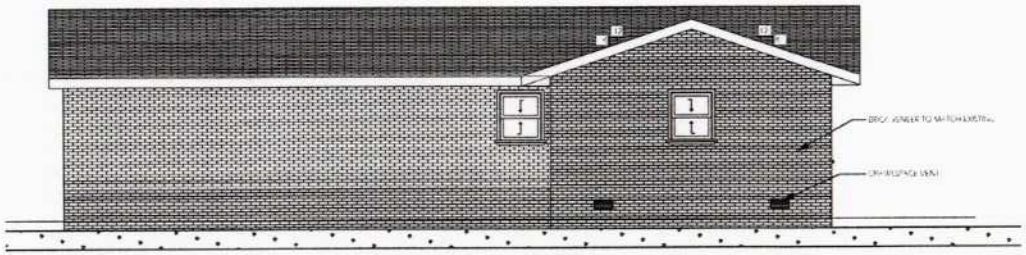
JENNIFER A. BENSON — REGISTERED ARCHITECT — 28054 — NORTH CAROLINA — MATTHEWS, NC
11/30/2021

JENNIFER BENSON ARCHITECTURE, PLLC — 28054 — NORTH CAROLINA — MATTHEWS, NC
11/30/2021

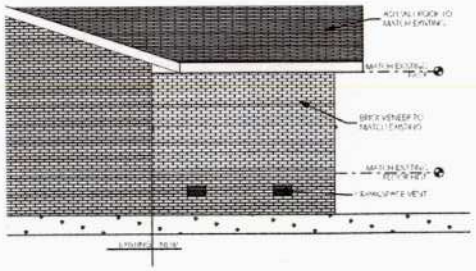
RESIDENCE
12900 HELENA CIR.
MINT HILL, NC 28105

	Date:	Revision:
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1	11/30/21	CITY REVISIONS

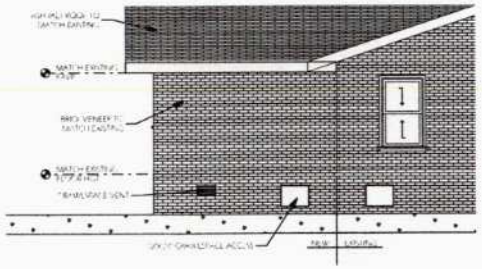
DATE: 11/30/2021	DRAWN BY: JAB
SCALE:	PROJECT NO: 21.450
CHECKED BY: JENNIFER BENSON	
SHEET TITLE: FLOOR PLANS	
SHEET NUMBER: A-101	



1 REAR ELEVATION



2 RIGHT ELEVATION



3 LEFT ELEVATION

ISSUED FOR CONSTRUCTION

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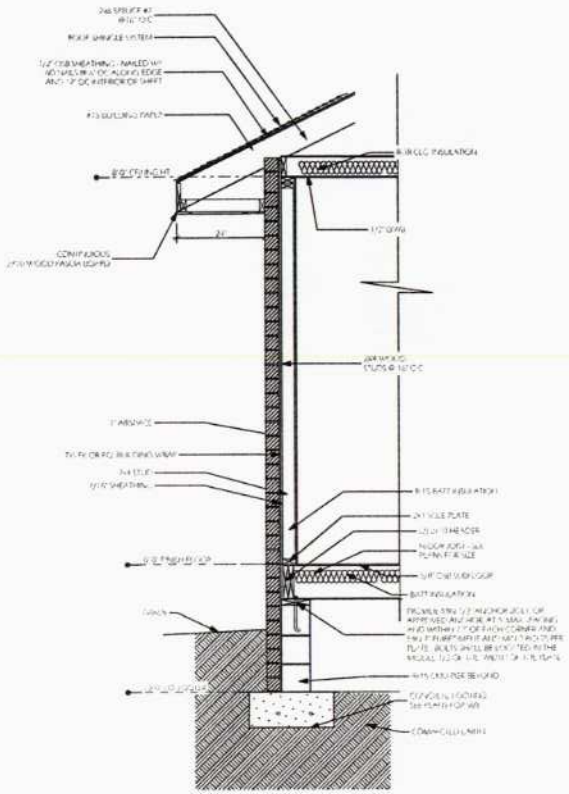
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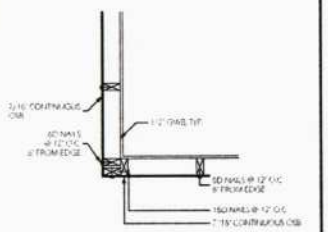
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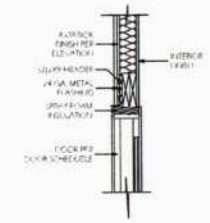
DATE	11/30/2021
DRAWN BY	JAB
SCALE	
PROJECT NO	21.450
CHECKED BY	JENNIFER BENSON
SHEET TITLE	ELEVATIONS
SHEET NUMBER	A-201



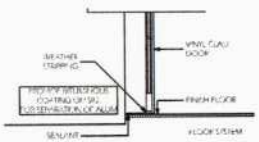
1 TYPICAL WALL SECTION
SCALE: 3/4" = 1'-0"



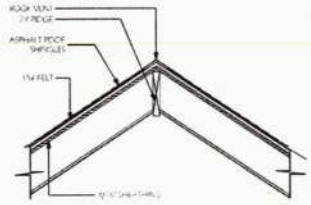
2 CS-WSP CORNER FRAMING DETAIL



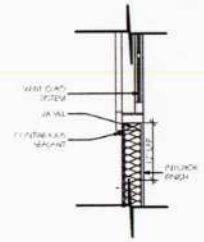
3 DOOR HEAD DETAIL



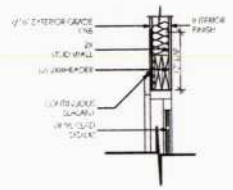
4 THRESHOLD DETAIL



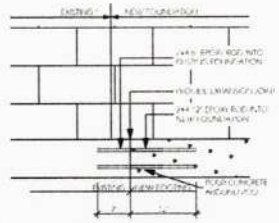
5 ROOF PEAK DETAIL



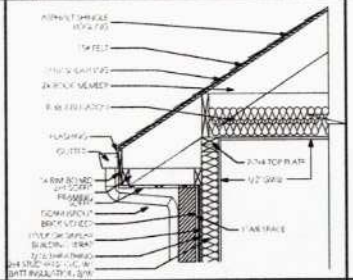
6 WINDOW SILL DETAIL



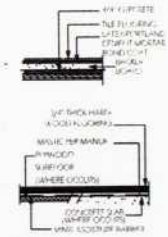
7 WINDOW HEAD DETAIL



8 FOUNDATION CONNECTION DETAIL



9 EAVE DETAIL



10 FLOORING DETAILS

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DIVISION ONE: GENERAL CONDITIONS

1. THESE DRAWINGS ARE DESIGNED IN ACCORDANCE WITH CURRENT EDITION OF THE NORTH CAROLINA RESIDENTIAL CODE FOR ONE AND TWO FAMILY DWELLINGS. THE WORK SHALL COMPLY WITH ALL APPLICABLE LOCAL AND STATE CODES, ORDINANCES, REGULATIONS AND AMENDMENTS AND ALL OTHER AUTHORITIES HAVING JURISDICTION. THE WORK SHALL COMPLY WITH INTERPRETATIONS OF THE LOCAL BUILDING OFFICIAL. IF THE INTERPRETATION OF THE LOCAL BUILDING OFFICIAL IS AT VARIANCE WITH THESE DOCUMENTS, INFORM THE BUILDER PRIOR TO PROCEEDING.

2. FIELD CONDITIONS AND DIMENSIONS: ON-SITE VERIFICATION OF ALL DIMENSIONS AND CONDITIONS SHALL BE THE RESPONSIBILITY OF THE SUBCONTRACTORS. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. BUILDER SHALL BE NOTIFIED PROMPTLY OF ANY DISCREPANCIES IN INFORMATION AND OF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND INFORMATION ON THE DRAWINGS PRIOR TO CONSTRUCTION. ALL WORK SHALL COMPLY WITH THE MANUFACTURER'S OR FABRICATOR'S INSTRUCTIONS OR RECOMMENDATIONS FOR THE PREPARATION OF SUBSTRATES AND INSTALLATION AND USE OF MATERIAL.

3. TEMPORARY BRACING: TEMPORARY BRACING SHALL BE USED AS REQUIRED TO STABILIZE FOUNDATION AND BASEMENT WALLS AND SUPERSTRUCTURE UNTIL PERMANENT CONSTRUCTION IS IN PLACE.

4. DESIGN LIVE LOADS: ALL FRAMING MATERIAL SHALL BE DESIGNED IN ACCORDANCE WITH THE FOLLOWING LOADS:
- a. SLEEPING AREAS - 30 PSF
- b. LIVING AREAS - 40 PSF
- c. DECKS - 60 PSF
- d. EXTERIOR BALCONIES - 60 PSF
- e. GARAGES - 50 PSF
- g. STAIRS - 40 PSF
- h. RAILINGS - 200 PSF
- i. WIND LOADS - 115 MPH
- j. ATTIC FLOOR W/ STORAGE - 20 PSF
- k. ATTIC FLOOR W/O STORAGE - 10 PSF
- l. BASEMENT WALLS - 30 PCF EQUIVALENT FLUID PRESSURE
- m. CANTILEVERED WALLS - 30 PCF EQUIVALENT FLUID PRESSURE

5. FIRE RATED ASSEMBLIES: ALL FIRE RATED ASSEMBLIES ARE CONTINUOUS UNLESS OTHERWISE NOTED. ASSEMBLY MATERIALS SHALL HAVE PRECEDENCE OVER MATERIALS SHOWN IN THESE DRAWINGS.
- a. SEAL ALL HORIZONTAL AND VERTICAL PENETRATIONS WITH APPROVED MATERIALS.
- b. ALL SHEATHING PENETRATIONS CAUSED BY CONSTRUCTION SHALL BE PATCHED AND REPAIRED WITH MATERIALS AND METHODS CONSISTENT WITH ORIGINAL CONSTRUCTION.

6. SOIL TREATMENT FOR TERMITE CONTROL: IF APPLICABLE, APPLY TOXICANT TO SOIL BY ENTIRE AREA TO BE OCCUPIED BY STRUCTURE AND TO 2' BEYOND PERIMETER LINE OF STRUCTURE. USE APPROVED TOXICANT WITH A FIVE YEAR GUARANTEE. NOTE: THIS ITEM MAY BE WAIVED IF SITE CONDITIONS DO NOT WARRANT IT AND THE OWNER'S APPROVAL.

7. RADON CONTROL: AS REQUIRED, AND IN ACCORDANCE WITH LOCAL CODES.

DIVISION TWO - SITEWORK

1. THESE DRAWINGS DO NOT COVER SITE WORK, EXCAVATION, GRADING AND LANDSCAPING. REFER TO THE SITE DRAWINGS PREPARED BY THE CIVIL ENGINEER FOR THESE ITEMS.

2. EXCAVATION - SHALL BE SUFFICIENT TO PROVIDE FULL DESIGN DIMENSIONS OR TO ALLOW FOR FORMING AS REQUIRED. NO FOOTINGS SHALL BE PLACED ON FROZEN EARTH.

3. BACKFILL AND COMPACTION - USE CLEAN MATERIAL CONTAINING NO ORGANIC MATERIAL, TRASH, MUCK, ROOTS, LOGS, STUMPS, CONCRETE, ASPHALT, OR OTHER DELETERIOUS SUBSTANCES. DO NOT BACKFILL AGAINST MASONRY WALLS UNTIL SUPERSTRUCTURE IS IN PLACE OR ADEQUATE BRACING IS PROVIDED. PRIOR TO PLACING FILL, THE EXISTING SURFACE SHALL BE CLEARED OF ALL REFUSE OR ORGANIC MATERIALS. EQUIVALENT FLUID PRESSURE OF SOIL BACKFILL NOT TO EXCEED 30 PCF UNIFORM CLASS SM OR BETTER.

4. FOUNDATIONS - COMPACTED SOIL NOT LESS THAN 24" BELOW EXISTING GRADE OR PER MINIMUM FROST DEPTH FOR JURISDICTION BELOW ADJACENT FINISHED EXTERIOR GRADE UNLESS OTHERWISE NOTED ON DRAWINGS. SOIL BEARING VALUE ASSUMED TO BE 2,000 PSF MINIMUM UNLESS OTHERWISE NOTED ON DRAWINGS. BUILDER TO BE NOTIFIED IMMEDIATELY SHOULD BEARING CAPACITY OF LESS THAN 2,000 PSF OR HIGH WATER TABLE BE ENCOUNTERED. FOUNDATION WALLS OF MASONRY AND CONCRETE ARE TO BE CONSTRUCTED AS PER PLAN AND IN ACCORDANCE WITH THE APPLICABLE BUILDING CODES.

5. DAMPPROOFING AND WATERPROOFING FOR CONCRETE AND MASONRY FOUNDATIONS - AS REQUIRED AND IN ACCORDANCE WITH LOCAL CODES. EXTERIOR FOUNDATION WALLS OF MASONRY CONSTRUCTION THAT RETAIN EARTH AND ENCLOSE HABITABLE OR USABLE SPACES SHALL BE DAMPPROOFED BY APPLYING NOT LESS THAN 3/8" PORTLAND CEMENT PARGING TO THE WALL FROM FOOTING TO FINISHED GRADE. THE PARGING SHALL BE COVERED WITH A COAT OF APPROVED BITUMINOUS MATERIAL APPLIED AT THE RECOMMENDED RATE.

6. ANY PLUMBING PASSING UNDER A FOOTING OR THROUGH A FOUNDATION WALL SHALL BE PROVIDED WITH A RELIEVING ARCH OR SLEEVE TWO PIPE SIZES GREATER THAN THE PIPE PASSING THROUGH THE WALL.

DIVISION THREE - CONCRETE

1. CONCRETE - SHALL REACH MINIMUM COMPRESSIVE STRENGTH OF (NO LESS THAN BELOW) ALL CONCRETE TO BE POURED IN ACCORDANCE WITH ACI 318 SPECIFICATION. CONCRETE EXPOSED TO WEATHER TO BE AIR ENTRAINED.
- a. MINIMUM SPECIFIED COMPRESSIVE STRENGTH TO CONCRETE (f'c)
  - i. TYPE OF LOCATION OF CONCRETE CONSTRUCTION — MINIMUM SPECIFIED COMPRESSIVE STRENGTH - psi
  - x. BASEMENT SLABS AND INTERIOR SLABS ON GRADE, EXCEPT GARAGE FLOOR SLABS — 2,500
  - iii. BASEMENT WALLS, FOUNDATION WALLS, EXTERIOR WALLS AND OTHER VERTICAL CONCRETE WORK EXPOSED TO THE WEATHER — 3,000
    - (1) AT 28 DAYS PSI
    - (2) CONCRETE SHALL BE AIR-ENTRAINED. TOTAL AIR CONTENT (PERCENT BY VOLUME OF CONCRETE) SHALL BE NOT LESS THAN 5% OR MORE THAN 7%.

    NOTE: USE OF ADDITIVES SHALL NOT BE PERMITTED UNLESS SPECIFICALLY APPROVED BY THE STRUCTURAL ENGINEER. USE OF ADDITIVES CONTAINING CALCIUM CHLORIDE SHALL NOT BE PERMITTED.

2. REINFORCING RODS: SHALL CONFORM TO ASTM A-615 GRADE 60. WWF SHALL CONFORM TO ASTM A-185 AND SHALL BE INSTALLED AS PER TABLE #1 BELOW.

NOTE: ALL REINFORCING STEEL MARKED "CONTINUOUS" SHALL BE LAPED 36 BAR DIAMETERS AT SPLICES AND AROUND CORNERS OR INTERSECTION WITH A STANDARD 90 DEGREE BEND ON CORNER BARS. LAP WELDED WIRE MESH ONE FULL MESH AT SIDE AND END LAPS.

3. SLABS ON GRADE - 4" NOMINAL THICK WITH FIBROUS REINFORCING FOR CRACK CONTROL AS PER MANUFACTURER'S SPECIFICATIONS. SLABS TO BE PLACED ON 6 MIL VAPOR BARRIER ON 4" GRAVEL. OVERLAP JOINTS BARRIER 12". SEAL OF TAPE PENETRATIONS BY PLUMBING AND AVOID PUNCTURING. SEAL EDGES OF FOUNDATION WALLS.

4. PROVIDE CONCRETE PROTECTION FOR REINFORCING AS FOLLOWS:
- a. FOOTINGS — 3" BOTTOM
- b. WALLS — 2" TO OUTSIDE FACE, 1 1/2" TO INSIDE FACE

DIVISION FIVE - METALS

1. FOUNDATION ANCHOR BOLTS - SHALL BE PROVIDED AT MAXIMUM 6'-0" o.c. INTERVALS AND PLACED 12" FROM END OF EACH SECTION WITH MINIMUM TWO ANCHOR BOLTS PER SECTION OF WALL. ANCHOR BOLT SHALL BE MINIMUM 1/2" DIAMETER AND SHALL BE EMBEDDED BY FOUNDATION BY DEPTH MINIMUM 7" OF POURED IN PLACE CONCRETE AND NOT LESS THAN 15" IN GROUTED UNIT MASONRY. ANCHOR BOLT CAN BE SUBSTITUTED WITH METAL STRAP PER MANUFACTURERS SPECIFICATIONS. ALL BEARING PLATES SHALL BE ON MINIMUM 8" DEEP SOLID MASONRY.

2. STEEL - ALL METAL ANCHORS, FASTENERS, JOIST HANGERS, etc. TO BE GALVANIZED. ALL STRUCTURAL STEEL TO CONFORM TO ASTM-36. PIPE TO BE A53. TUBE TO BE A500 OF A501. DETAILING TO BE IN ACCORDANCE WITH AISC STRUCTURAL STEEL DETAILING MANUAL. CONNECTIONS SHALL BE CAPABLE OF SUPPORTING ALLOWABLE UNIFORM LOAD STRESS OF 24 KSI. STEEL COLUMNS AND BASES TO BE GIVEN A SHOP COAT OF RUST INHIBITIVE PAINT OR EQUIVALENT. BOTTOM OF STEEL COLUMNS SHALL BE ANCHORED IN CONCRETE.

3. FRAMING SCHEDULE - AS PER CURRENT IRC AND OTHER APPLICABLE BUILDING CODES, OR MANUFACTURERS RECOMMENDED STANDARDS, BUT NOT LESS THAN THAT REQUIRED BY MANUFACTURERS RECOMMENDED STANDARDS, AND NOT LESS THAN THAT REQUIRED BY CODE.

DIVISION SIX - WOOD

1. SILL PLATE - PLATE TREATED TO MEET AWPA STANDARDS WHERE INDICATED ON PLANS AND AS REQUIRED BY APPLICABLE CODE.

2. ALL EXPOSED EXTERIOR LUMBER OR LUMBER IN CONTACT WITH MASONRY OR CONCRETE SHALL BE PRESSURE PRESERVATIVE TREATED IN ACCORDANCE WITH AWPA STANDARDS. PROVIDE FIRE RETARDANT SHEATHING AND LUMBER WHERE INDICATED ON DRAWINGS. ALL WOOD SHALL BE A MINIMUM OF 8" ABOVE FINISH GRADE OF PRESSURE PRESERVATIVE TREATED LESS THAN 8" ABOVE FINISH GRADE.

3. MAXIMUM MOISTURE CONTENT OF ALL LUMBER SHALL BE 19% KILN DRIED IN ACCORDANCE WITH AWPA STANDARDS.

4. STRENGTH OF FRAMING MATERIALS
- a. FRAMING LUMBER EXCEPT WALL STUDS AND GIRDERS/ BEAMS SHALL BE #1 & #2 PAINTS (OR OTHER APPROVED AGENCY) RATED SPF, GRADE 2 OR BETTER HAVING THE FOLLOWING MINIMUM PROPERTIES:
  - BENDING STRESS "Fb" = 2x8 = 1210
  - BENDING STRESS "Fb" = 2x10 = 1105
  - BENDING STRESS "Fb" = 2x12 = 1005
  - HORIZONTAL SHEAR "Fv" = 70 PSI
  - COMPRESSION PERPENDICULAR TO GRAIN "Fc" = 425 PSI
  - MODULUS OF ELASTICITY "E" = 1,400,000 PSI
- b. ALL STRUCTURAL POSTS EXCEPT built-UP TACK STUDS SHALL BE SOUTHERN YELLOW PINE, GRADE 2 OR BETTER, HAVING THE FOLLOWING MINIMUM PROPERTIES:
  - BENDING STRESS "Fb" = 1,200 PSI FOR SINGLE MEMBER USE
  - BENDING STRESS "Fb" = 1400 PSI FOR FOR REPETITIVE MEMBER USE
  - HORIZONTAL SHEAR "Fv" = 90 PSI
  - COMPRESSION PERPENDICULAR TO GRAIN "Fc" = 565 PSI
  - MODULUS OF ELASTICITY "E" = 1,600,000 PSI
- c. BEAMS SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:
  - LAMINATED BEAMS (LVL)
  - SHALL BE 1 3/4" WIDE
  - BENDING STRESS "Fb" = 2600 PSI
  - HORIZONTAL SHEAR "Fv" = 285 PSI
  - COMPRESSION PERPENDICULAR TO GRAIN "Fc" = 750 PSI
  - MODULUS OF ELASTICITY "E" = 1,900,000 PSI
  - COMPRESSION PARALLEL TO GRAIN = 2510 PSI

  - PSL
  - SHALL BE 3 1/2" WIDE
  - BENDING STRESS "Fb" = 2900 PSI
  - HORIZONTAL SHEAR "Fv" = 296 PSI
  - COMPRESSION PERPENDICULAR TO GRAIN "Fc" = 750 PSI
  - MODULUS OF ELASTICITY "E" = 2,000,000 PSI
  - COMPRESSION PARALLEL TO GRAIN = 2900 PSI

NOTE: PREFABRICATED STRUCTURAL TIMBERS SHALL CONFORM TO ONE OF THE FOLLOWING SPECIFICATIONS:
- TOF-481
- ICBOES ER-4979
- PABMOD + PABALAM + MBR-1303
- PABMOD + UBERGLAM + MBR-1019

- d. WOOD ST-UDS TO BE SPF STUD GRADE OR BETTER, HAVING THE FOLLOWING MINIMUM PROPERTIES:
  - BENDING STRESS, Fb REF = 650 PSI
  - COMPRESSION PERPENDICULAR TO GRAIN "Fc" = 425 PSI
  - MODULUS OF ELASTICITY "E" = 1,200,000 PSI
- i. STUDS AT BEARING WALLS TO BE 2x4'S AT 16" o.c. EXCEPT AS NOTED ON DRAWINGS. WHENEVER HEIGHT OF STUD WALL EXCEEDS 10'-0", STUDS SHALL EXTEND CONTINUOUSLY IN ONE PIECE, TO FULL HEIGHT OF WALL, UNLESS OTHERWISE NOTED ON PLANS.
  - INTERIOR NON-BEARING STUDS TO BE 24" o.c. UNLESS OTHERWISE NOTED. INTERIOR NON-BEARING STUDS SUPPORTING CABINETRY TO BE 16" o.c.

- e. PRE-ENGINEERED WOOD FLOOR JOISTS AND FLOOR TRUSSES SHALL BE PER DEPTH SHOWN ON DRAWINGS AND SPACING AS PER MANUFACTURER. ALL PRE-ENGINEERED ROOF AND FLOOR TRUSSES AND WOOD I JOISTS SHALL BE DESIGNED FOR THE LIVE LOADS AS SHOWN IN THE GENERAL CONDITIONS SECTION AS WELL AS THE FOLLOWING:
  - ROOF: DEAD LOAD TOP CHORD = 7 PSF
  - DEAD LOAD BOTTOM CHORD = 10 PSF

PREFABRICATED TRUSS JOISTS SHALL BE DESIGNED TO RESIST THE LOADINGS SHOWN WITH A MAXIMUM LIVE LOAD DEFLECTION OF L/480 OF THE SPAN.

- f. INSTALLATION
  - i. WHERE DOUBLE MEMBERS ARE INDICATED ON THE DRAWINGS, MECHANICALLY FASTEN BOTH MEMBERS IN A MANNER SUCH THAT BOTH MEMBERS SHARE THE SUPERIMPOSED LOADS, INCLUDING LOADS FROM HEADERS.
  - ii. WOOD JOISTS SHALL HAVE A MINIMUM BEARING OF 1 1/2". WOOD FLOOR TRUSSES TO HAVE MINIMUM BEARING AS PER MANUFACTURER'S RECOMMENDATIONS.
  - iii. PRE-ENGINEERED JOISTS AND BEAM HANGERS SHALL BE SIZED AND ATTACHED PER MANUFACTURER'S RECOMMENDATIONS. HOLES THROUGH WOOD I BEAMS SHALL NOT EXCEED MANUFACTURER'S RECOMMENDATIONS. NO HOLES OR CUTS ARE ALLOWED THROUGH TOP OR BOTTOM CHORD.

- g. WOOD FLOOR AND ROOF TRUSSES SHALL BE DESIGNED AND FABRICATED BY THE TRUSS MANUFACTURER AND SHALL COMPLY WITH THE NATIONAL DESIGN SPECIFICATIONS FOR STRESS GRADE LUMBER AND ITS FASTENINGS. SUBMIT SHOP DRAWINGS AND CALCULATIONS SEALED BY A P.E. TO THE PLAN REVIEWER AS REQUIRED. METAL PLATE CONNECTED WOOD TRUSSES SHALL COMPLY WITH ANSI/TPI H1.

- h. THE DESIGN AND DETAIL OF ALL TRUSSES WILL MEET THE REQUIREMENTS OF FHA 64543 DESIGN CRITERIA FOR TRUSSED RAFTERS, THE "NATIONAL SPECIFICATION FOR STRESS GRADE LUMBER AND ITS FASTENINGS", AND ALL APPLICABLE BUILDING CODES.

- e. PROVIDE CONTINUOUS BAND JOINTS AND REINFORCING AT CONCENTRATED LOADS PER MANUFACTURER'S INSTRUCTIONS.

- f. BEARING STUDS SHOULD BE AT 16" O.C. WITH 2 TOP PLATES, AND CARE SHOULD BE EXERCISED TO ENSURE LOCATING SUPPORTED FLOOR JOISTS OR ROOF TRUSSES WITHIN 5 INCHES OF THE STUDS BENEATH.

- 6. HEADERS TO BE GRADE SPF #1 - ALL HEADERS OVER ALL FRAMED OPENINGS TO BE AS SHOWN ON THE DRAWINGS. IF NO HEADER SIZE IS INDICATED, THE FOLLOWING SHALL APPLY:
  - a. 2 - 2x8 - OPENINGS UP TO 4'-6"
  - b. 2 - 2x10 - OPENINGS UP TO 5'-6"
  - c. 2 - 2x12 - OPENINGS UP TO 6'-5"

7. PLYWOOD AND O.S.B. USED STRUCTURALLY SHALL MEET THE PERFORMANCE STANDARDS AND ALL OTHER REQUIREMENTS OF APPLICABLE US COMMERCIAL STANDARDS FOR THE TYPE, GRADE AND SPECIES OF PLYWOOD AND SHALL BE SO IDENTIFIED BY AN APPROVED TESTING AGENCY.

8. SHEATHING - SUBFLOOR TO BE 5/8" OR 3/4" TONGUE AND GROOVE PLYWOOD OR OSB STURD-I-FLOOR AS SHOWN ON THE DRAWINGS. DIRECT BEARING AT ALL ENDS, GLUED AND NAILED. ROOF SHEATHING SHALL BE 1/2" CDX PLYWOOD OR 7/16" OSB. ALL END JOIST SHALL BE STAGGERED. THE FACE GRAIN SHALL BE LAID AT RIGHT ANGLES TO THE JOIST AND TRUSSES AND PARALLEL TO THE STUDS. EXTERIOR SHEATHING SHALL BE OSB OR PLYWOOD SHEATHING (APA rated STRUC. I 24/16) INSTALL PER MANUFACTURERS SPECIFICATIONS UNLESS NOTED OTHERWISE ON DRAWINGS.

9. ALL STRUCTURAL WOOD BLOCKING, NAILERS, ETC., SHALL BE ATTACHED TO STEEL OR CONCRETE FRAMING WITH POWER ACTUATED FASTENERS OR 3/8" DIAMETER BOLTS UNLESS NOTED OTHERWISE FASTENERS SHALL BE SPACED AT 24" MAXIMUM o.c. AND SHALL BE STAGGERED. FASTENERS SHALL HAVE A MINIMUM CAPACITY OF 150 POUNDS IN SHEAR AND PULLOUT UNLESS NOTED OTHERWISE.

10. PANEL BUTT JOINTS, PLATES AT FLOOR AND CEILING AND ALL WINDOW, DOOR FLANGES/ JAMBS SHALL BE GLUED AND SEALED PRIOR TO AND DURING ERECTION.

DIVISION 7 - THERMAL AND MOISTURE PROTECTION

1. SILL SEAL - INSTALL COMPRESSIBLE SEAL BENEATH ALL EXTERIOR SILL PLATES.

2. INSULATION
- a. WALLS - R-15, 3 1/2" BATT INSULATION WITH KRAFT PAPER FACE (VAPOR BARRIER, MIN. UNLESS OTHERWISE NOTED.
- b. CEILINGS AT ROOF - R-38 FIBERGLASS BATT, OR BLOWN INSULATION, R-38 MIN., OR PER LOCAL CODE.
- c. PERIMETER SLAB INSULATION TO BE RIGID, EXTERIOR GRADE, MIN. R-7 EXTENDING 2'-0" VERTICALLY AND 2'-0" HORIZONTALLY MIN. PERIMETER INSULATION TO BE EXTRUDED POLYSTYRENE CLOSED CELL.
- d. VAPOR BARRIERS TO FACE WARM SIDE OF SPACE (INTERIOR) UNLESS OTHERWISE NOTED ON DRAWINGS.

3. ROOFING
- a. SHINGLES - COMPOSITE SHINGLES ON ISR ROOFING FELT ON SLOPES OF 4" OR 12" OR GREATER ON SLOPES 2" TO 12" UP TO 4" TO 12" - PROVIDE DOUBLE LAYERS OF UNDERLAYMENT FELT PROTECTION IN ACCORDANCE WITH BUILDING CODE OR TABLE R905.1.1(2) R905.2. SHINGLES SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS AND APPLICABLE BUILDING CODES.
- b. ROOF VALLEY LINING - SHALL BE OF APPROVED MATERIAL AND INSTALLED PER MANUFACTURER'S SPECIFICATIONS.

4. EXTERIOR WALLS
- a. FLASHING - FLASH AND COUNTERFLASH AT ROOF AND WALL INTERSECTIONS, VALLEYS, CRICKETS AND SADDLES, AND SIDEWALLS PER CODE. FLASHING AT VENT PIPERS, SOIL STACKS, VERTICAL FRONT WALLS TO BE APPLIED IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS. FLASHING MATERIAL TO BE MIN. .019 CORROSION RESISTANT METAL MINERAL SURFACED ROLL ROOFING, OR APPROVED EQUAL.
- b. FLASH ALL EXTERIOR OPENINGS AND ALL BUILDING CORNERS AS REQUIRED. FLASH AND CAULK WOOD BEAMS AND OTHER PROJECTIONS THROUGH EXTERIOR WALLS AND ROOF SURFACES.
- c. CAULKING - CAULKING SEALANTS AS SELECTED BY BUILDER (OWNER). FILL ALL JOINTS OF DIFFERENT MATERIALS AND ALL PENETRATIONS AS REQUIRED.
- d. SIDING - TO BE AS CALLED FOR ON DRAWINGS AND INSTALLED PER MANUFACTURER'S SPECIFICATIONS.

DIVISION 8 OPENINGS

1. EXTERIOR ENTRANCE DOORS - SIDE HINGED DOOR NOT LESS THAN 3 FEET IN WIDTH AND 6'-8" IN HEIGHT. 1 3/4" SOLID CORE WOOD DOORS OR HOLLOW METAL MIN. 20 GAUGE FILLED WITH SOLID SLAB POLYSTYRENE INSULATION PERMANENTLY BONDED TO PANELS. PROVIDE 1 1/2 PAIR HINGES FOR DOORS UP TO 7'-0" AND 2 PAIR FOR DOORS TO 9'-0" IN HEIGHT. PROVIDE COMPLETE WEATHER STRIPPING AND METAL THRESHOLD.

2. WINDOWS AND GLASS DOORS
- a. GENERAL: TEMPERED GLASS SHALL BE USED IN ALL AREAS AS REQUIRED BY IRC. PROVIDE WINDOWS CONFORMING TO REQUIREMENTS OF BUILDING CODE FOR PERFORMANCE, TESTING AND LABELING, ANCHORAGE METHODS AND STRUCTURAL REQUIREMENTS.
- b. ALL OPERABLE WINDOWS - SHALL HAVE INSECT/CORROSIVE SCREENS AND SASH LOCKS. SCREENS ARE PROVIDED TO PREVENT THE ENTRY OF INSECTS AND ARE NOT INTENDED TO PREVENT CHILDREN FROM FALLING OUT OF OPEN WINDOWS.

3. WEATHER PROOFING - ALL SLIDING, SWINGING DOORS AND WINDOW OPENINGS TO THE EXTERIOR SHALL BE FULLY WEATHERSTRIPPED, CAULKED, CASKETED OR OTHERWISE TREATED TO LIMIT AIR INFILTRATION. DOORS AND WINDOWS SHALL MEET AIR INFILTRATION AND OTHER PERFORMANCE FACTORS AS REQUIRED BY THE CURRENT EDITION OF THE INTERNATIONAL ENERGY CONSERVATION CODE AND INTERNATIONAL RESIDENTIAL CODE.

DIVISION 9 FINISHES

1. GYPSUM WALLBOARD - SHALL BE INSTALLED BY ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND SHALL MEET THE REQUIREMENTS OF IRC AND OTHER APPLICABLE CODES. TYPICAL INTERIOR PARTITIONS TO HAVE 1/2" TAPERED EDGE TAPED AND FINISHED.

2. CERAMIC TILE - CERAMIC WALL TILES SHALL BE 4 3/4" x 4 1/4" GLAZED TILE THIN SET APPLICATION ON WATER-RESISTANT GYPSUM BOARD AS REQUIRED BY CODE. CERAMIC FLOOR TILE SHALL BE 4 1/4" x 4 1/4" SLIP RESISTANT TILE. TILE COLOR AS SELECTED BY OWNER.

3. UNDERLAYMENT - PROVIDE SUITABLE UNDERLAYMENT FOR CERAMIC TILE FLOORS PER MANUFACTURER'S INSTRUCTIONS.

DIVISION 22 PLUMBING

1. THE CURRENT NORTH CAROLINA PLUMBING CODE SHALL COVERN THE ERECTION, INSTALLATION, ALTERATION, REPAIRS, RELOCATION, REPLACEMENT, ADDITION TO, USE OR MAINTENANCE OF ELECTRICAL EQUIPMENT AND SYSTEMS. ELECTRICAL SYSTEMS AND EQUIPMENT SHALL BE CONSTRUCTED, INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE CURRENT VERSION OF THE NORTH CAROLINA PLUMBING CODE.

DIVISION 23 MECHANICAL

1. THE CURRENT NORTH CAROLINA MECHANICAL CODE SHALL COVERN THE ERECTION, INSTALLATION, ALTERATION, REPAIRS, RELOCATION, REPLACEMENT, ADDITION TO, USE OR MAINTENANCE OF ELECTRICAL EQUIPMENT AND SYSTEMS. ELECTRICAL SYSTEMS AND EQUIPMENT SHALL BE CONSTRUCTED, INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE CURRENT VERSION OF THE NORTH CAROLINA MECHANICAL CODE.

DIVISION 26 ELECTRICAL

1. THE CURRENT NORTH CAROLINA ELECTRICAL CODE SHALL COVERN THE ERECTION, INSTALLATION, ALTERATION, REPAIRS, RELOCATION, REPLACEMENT, ADDITION TO, USE OR MAINTENANCE OF ELECTRICAL EQUIPMENT AND SYSTEMS. ELECTRICAL SYSTEMS AND EQUIPMENT SHALL BE CONSTRUCTED, INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE CURRENT VERSION OF THE NORTH CAROLINA ELECTRICAL CODE.

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MINT HILL, NC 28105

No.	Date:	Revision:

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DATE: 11/30/2021	DRAWN BY: JAB
SCALE:	PROJECT NO: 21.450
CHECKED BY: JENNIFER BENSON	
SHEET TITLE: SPECIFICATIONS	
SHEET NUMBER: A-401	

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date: 01/28/22
Receipt #: 132689
Check / Auth #: VISA 01745C
Received By: GALLOSE

Amount: 100.00
Tendered: 100.00
Returned: 0.00

Account Information

Account #: 200000
Contractor: REYNOLDS DALE
Attn:
Address:
Address:
City/State/Zip: ,

Item	Description	Permit#	Quantity	Unit Price	Total Price
0705	Use Existing System 12900 HELENA CIR		1	100.00	100.00

----------Outstanding Balances----------

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
230.00					

Payment Receipt

Mecklenburg County

Environmental Health
3205 Freedom Drive, Suite 8000
Charlotte, NC 28208
Phone: 980-314-1651

Enter Account # or Customer Name Here: DALE REYNOLDS

Bill To:

DALE REYNOLDS

Single Payment

Transaction Date: 01/28/2022 9:47 AM Pacific Time
Pay Method: VISA **********1054
Approval #: 01745C
Trace Number: bb6838d6-7536-4bb5-861c-e17f863d0af2
Amount: $100.00

Payment Amount: $100.00

Total: $100.00

Thank you for your payment.

SUPERVISOR/ADMINISTRATIVE PROFESSIONAL CHECKLIST

NEW SEPTIC ☐ NEW WELL ☐ USE EXISTING ☑ MODIFIED PLOT PLAN ☐

New Septic Fees Paid

IP ($250.00) _____ Initial/Date

CA ($200.00) _____ Initial/Date

OP ($200.00) _____ Initial/Date

(CA and OP fees need to be paid before a building permit can be issued)

New Well Fees Paid: $550.00 _____ Initial/Date

Use Existing Fees Paid: $100.00 $EGF 1/28/2022 Initial/Date

Alteration Fees Paid: $300 Total $200 _____ Initial/Date (If use existing was part of payment)

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

Floor plans need to be submitted and reviewed before CA can be issued ☐ Review ☐

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

Septic file complete ☐_____ Well complete ☐ _____

Send permit for signature ☐ Signature received ☐ _____

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

Certified operator contract is on file ☐ _____