SP

IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 229489

SEPTIC IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PIN # 4634597571

APPLICANT/OWNER: Artisan Custom Homes APPLICANT ADDRESS: 21016 Catawba Ave Cornelius, NC 28031

SITE ADDRESS: 141 Schooner Ln Mooresville NC 28117 PHONE: 704 309-0382 ALT. PHONE

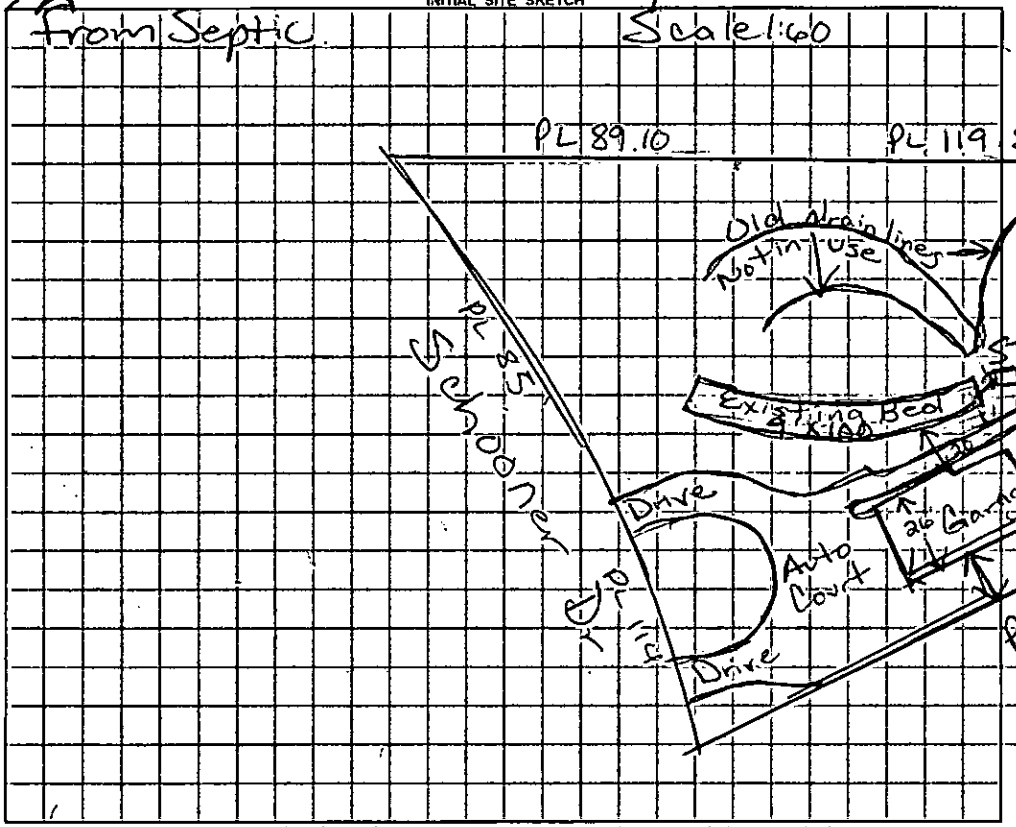
SITE DIRECTIONS: Langtree Rd to end TR Schooner Ln house on left SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Sailors Lair SECTION: ___ LOT # 34 LOT AREA: 1.02 Acre DESIGN FLOW: 360 gpd L.T.A.R.: Exist.

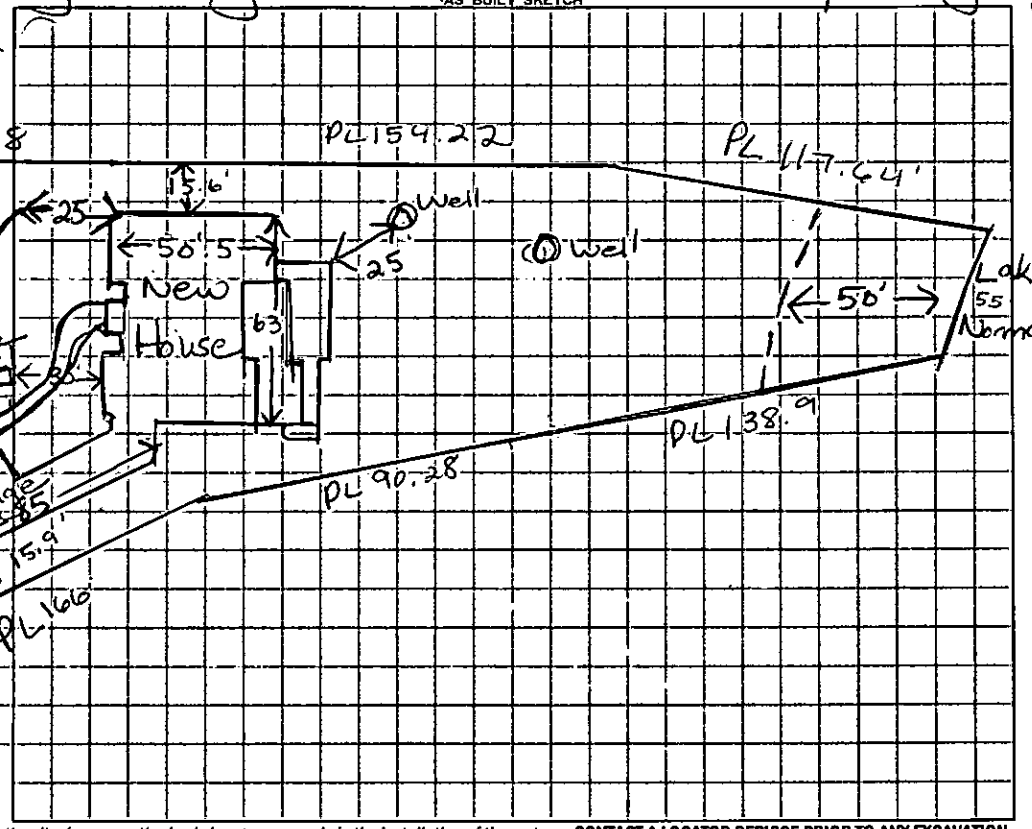
Septic Tank Exist. (gal)	STB	Date	☐ New System ☐ Repair ☐ Expansion System Type: I II III IV V VI	☒ Residence	No. Bedrooms 3	Water Supply
Pump Tank (gal)	PT	Date	System Description: Existing Gravity Convent.	☐ Business	No. Persons 6	☒ Private
Pump Make	Model	Serial #	Repair System Description: Same	☐ Other	No. Employees	☐ Public
# Nitrification Fields	# Lines Existing	Linear Ft:	Maintenance Agreement Required: ☐ YES ☒ NO	☐ Stab	☐ Crawl Space	☐ Community
Trench Width	Trench Bottom Depth(Low side)	Gravel Depth 12"	☒ GRAVITY ☐ PRESSURE	☒ Basement w/plumbing	☐ Basement w/o plumbing	

Comments / Conditions: Existing Septic System "appears" to be functioning OK at time of inspection. Must divert all surface/stormwater away from Septic. New House meets setbacks to Existing Septic & well. Using "Grinder pump" for basement plumbing only.

INITIAL SITE SKETCH



AS BUILT SKETCH



Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☐ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☒ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: [signature] Date: 1/2/19 Installed by: ___

IMPROVEMENT PERMIT by: ___ Date: ___ OPERATION PERMIT by: ___ Date: ___

AUTHORIZATION TO CONSTRUCT by: ___ Date: ___ Existing System Inspected by: Maria Dotson Date: 12/31/18

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inpsector to confirm your inspection time.

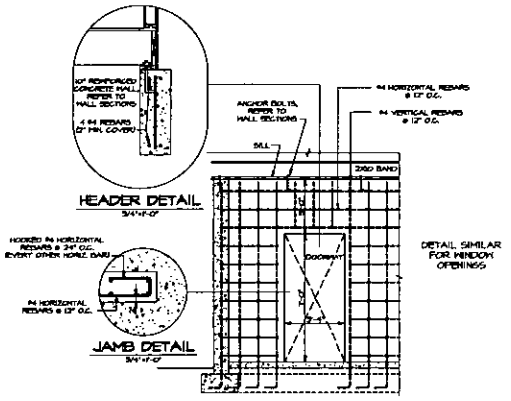
Acknowledgement of
Plans Submittal ONLY!

Date 12/31/18

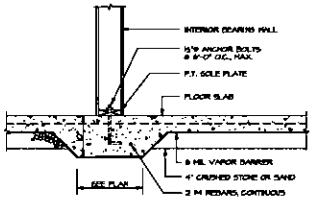
Date 12/31/18

FOUNDATION NOTES

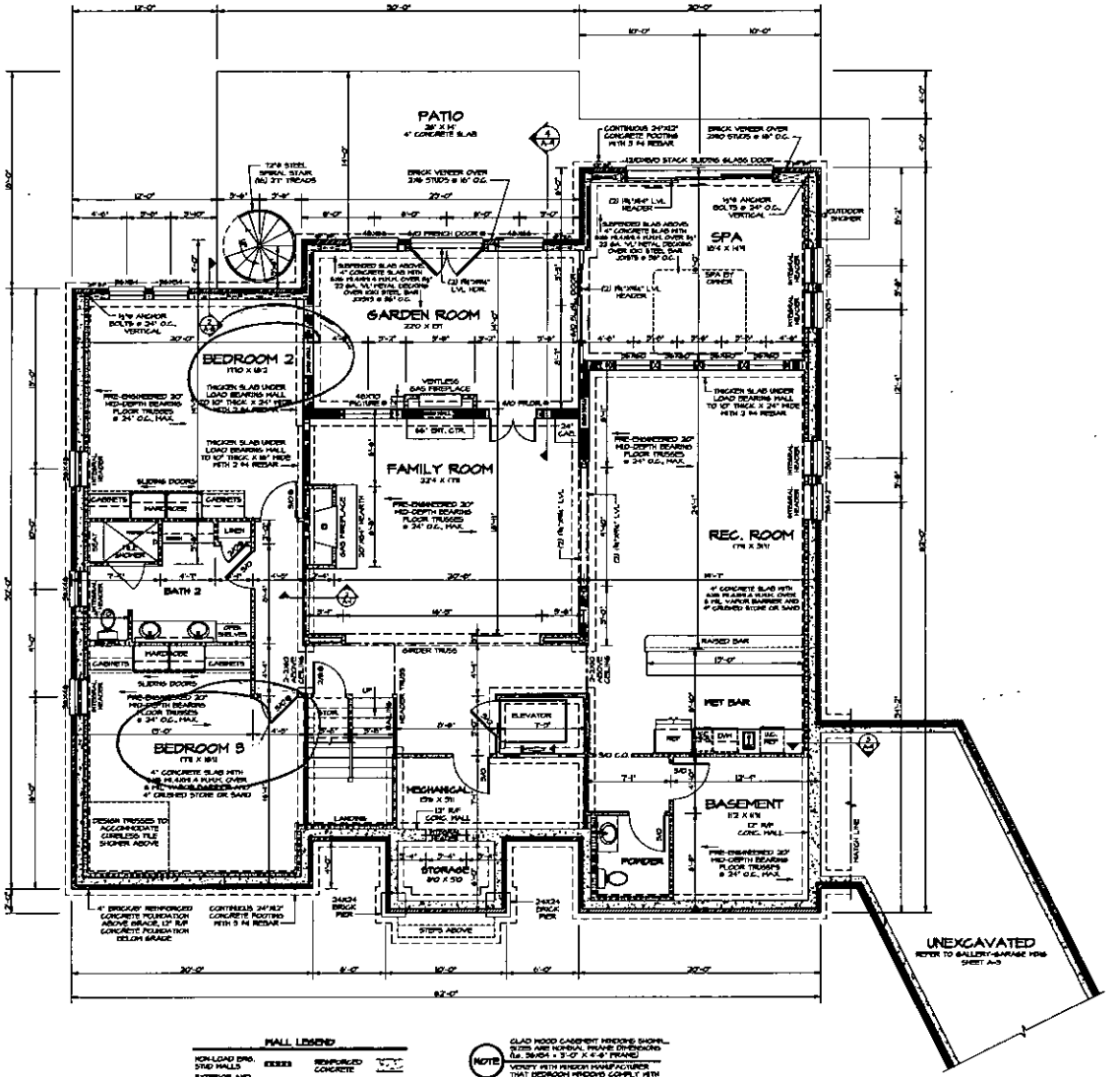
1. [illegible] BELOW SLABS AND INTERIOR FOOTINGS TO BE COMPACT SOIL TO 95% STD PROCTOR.
2. ALL FOOTINGS SHALL BE 24"X12" WITH 3 #4 REBARS, UNLESS OTHERWISE NOTED.
3. ALL CONCRETE SHALL BE 3000 PSI AT 28 DAYS, UNLESS OTHERWISE NOTED
4. ALL REBAR SPLICES SHALL BE LAPPED A MINIMUM OF 24", UNLESS OTHERWISE NOTED.
5. TRUSS-TYPE REINFORCING SHALL BE INSTALLED AT 16" O.C. VERTICAL UNLESS OTHERWISE SPECIFIED AND MUST ALWAYS LAP JOINT BETWEEN ALTERNATING BLOCK COURSES AT CORNERS.
6. THE SURFACE AREA ADJACENT TO THE FOUNDATION SHALL BE PROVIDED WITH ADEQUATE DRAINAGE AND GRADED SO AS TO DRAIN SURFACE WATER AWAY FROM FOUNDATION WALLS.
7. FOUNDATION WALL ENCLOSING USABLE OR HABITABLE SPACE SHALL BE DAMPPROOFED PER SECTION R406 AND DRAINAGE PROVIDED PER SECTION R405 OF THE NC STATE RESIDENTIAL BUILDING CODE.



1/A-1 DETAIL ELEVATION SCALE: 3/8"=1'-0"
DOOR OPENINGS IN REINFORCED CONCRETE WALL



2/A-1 DETAIL SCALE: 1"=1'-0"
THICKENED SLAB



WALL LEGEND

NON-LOAD BRG. STUD WALLS — REINFORCED CONCRETE
EXTERIOR AND LOAD-BEARING STUD WALLS — BRICK VENEER
WALL BRACE PANEL, 48" UNLESS OTHERWISE NOTED

NOTE: GLAD WOOD CASEMENT WINDOWS SHOWN. SIZES ARE NOMINAL FRAME DIMENSIONS (i.e. 36"X4" = 3'-0" X 4'-4" FRAME)
VERIFY WITH WINDOW MANUFACTURER THAT BEDROOM WINDOWS COMPLY WITH SECTION R310.1 EGRESS REQUIREMENTS
⊕ INDICATES WINDOW OR DOOR UNIT TO BE PROVIDED BY OWNER

BASEMENT/FOUNDATION PLAN 2902 SQUARE FEET HEATED SCALE: 1/4"=1'-0"

STEVE L. KNIGHT, PE
CONSULTING ENGINEER
1307 MT. VERNON AVE
STATESVILLE, N. C. 28677
TELEPHONE: 704-878-2696
FAX: 704-878-0887

DESIGNS UNLTD. LLC
DAVID A. BALL
1164 ELGIN DRIVE
CONOVER, NC 28613

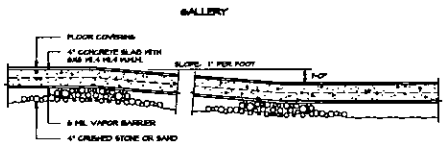
A NEW RESIDENCE FOR
SAM & BARBARA PENDERGRASS
141 SCHOONER DRIVE MOORESVILLE NORTH CAROLINA

DATE: 4.25.17
PROJECT NO 112-16
SHEET NO A-1
2 OF 10

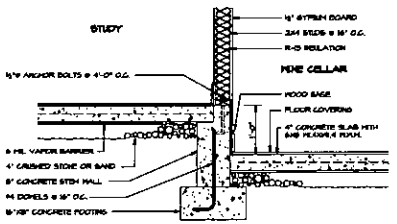
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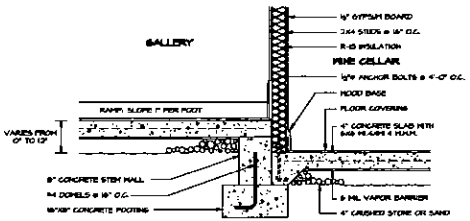
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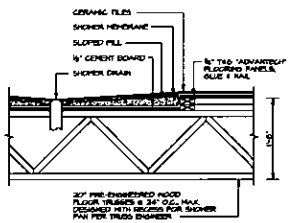
1 A-2 DETAIL SCALE: 1"=1'-0"
RAMP IN GALLERY-GARAGE WING



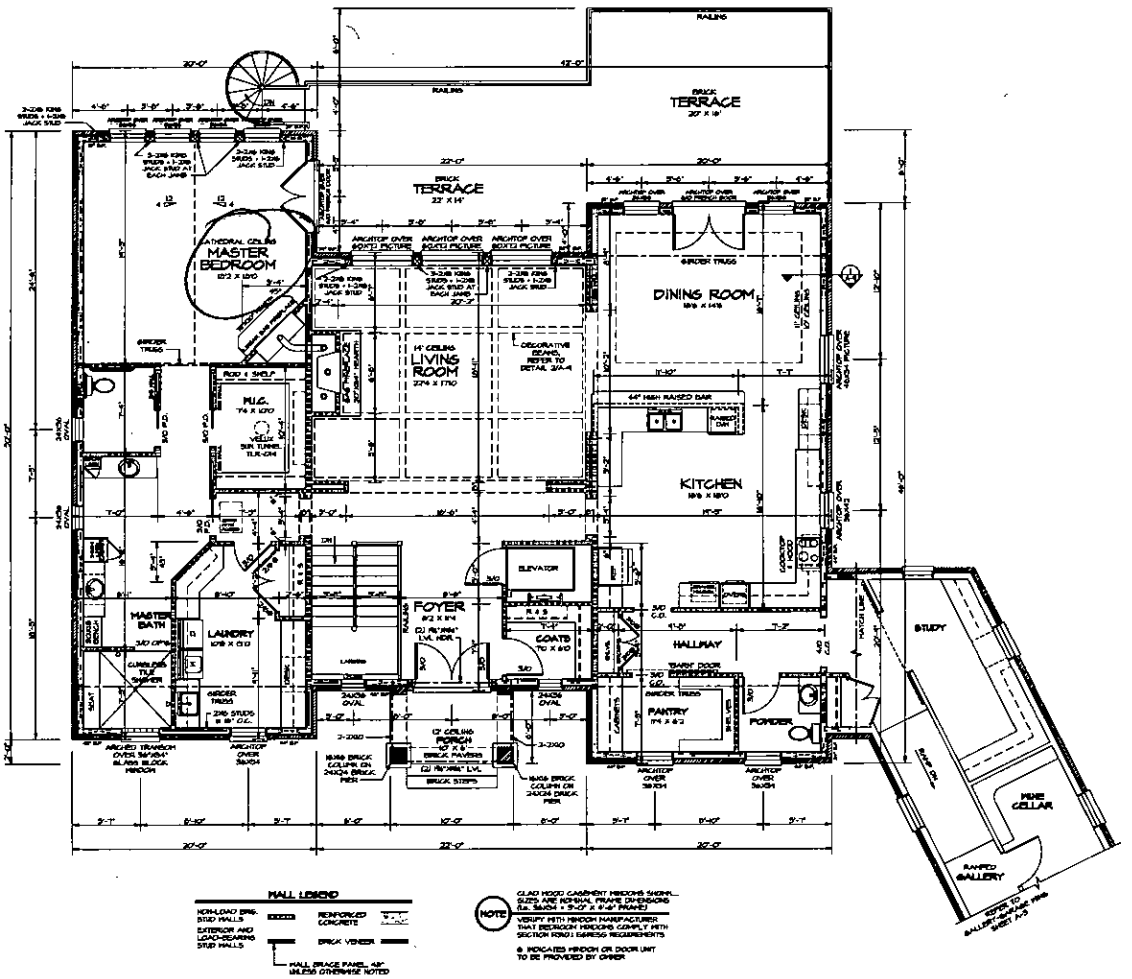
2 A-2 DETAIL SCALE: 1"=1'-0"
STEPPED SLAB IN GALLERY-GARAGE WING



3 A-2 DETAIL SCALE: 1"=1'-0"
EDGE OF RAMP IN GALLERY-GARAGE WING



4 A-2 DETAIL SCALE: 1"=1'-0"
CURBLESS TILE SHOWER



FLOOR PLAN 2624 SQUARE FEET HEATED (+ 771 SQ.FT. HEATED GARAGE WING) SCALE: 1/4"=1'-0"

STEVE L. KNIGHT, PE
CONSULTING ENGINEER
1307 W. MORGAN AVE.
STATESVILLE, N. C. 28677
TELEPHONE: 704-878-2898
FAX: 704-878-0867
STRUCTURAL ONLY

DESIGNS UNLTD. LLC
RESIDENTIAL DESIGNS SINCE 1975
DAVID A. BALL
RESIDENCE DESIGNER
1196 ELAIN DRIVE
SALISBURY, NC 28147
(704) 636-2313

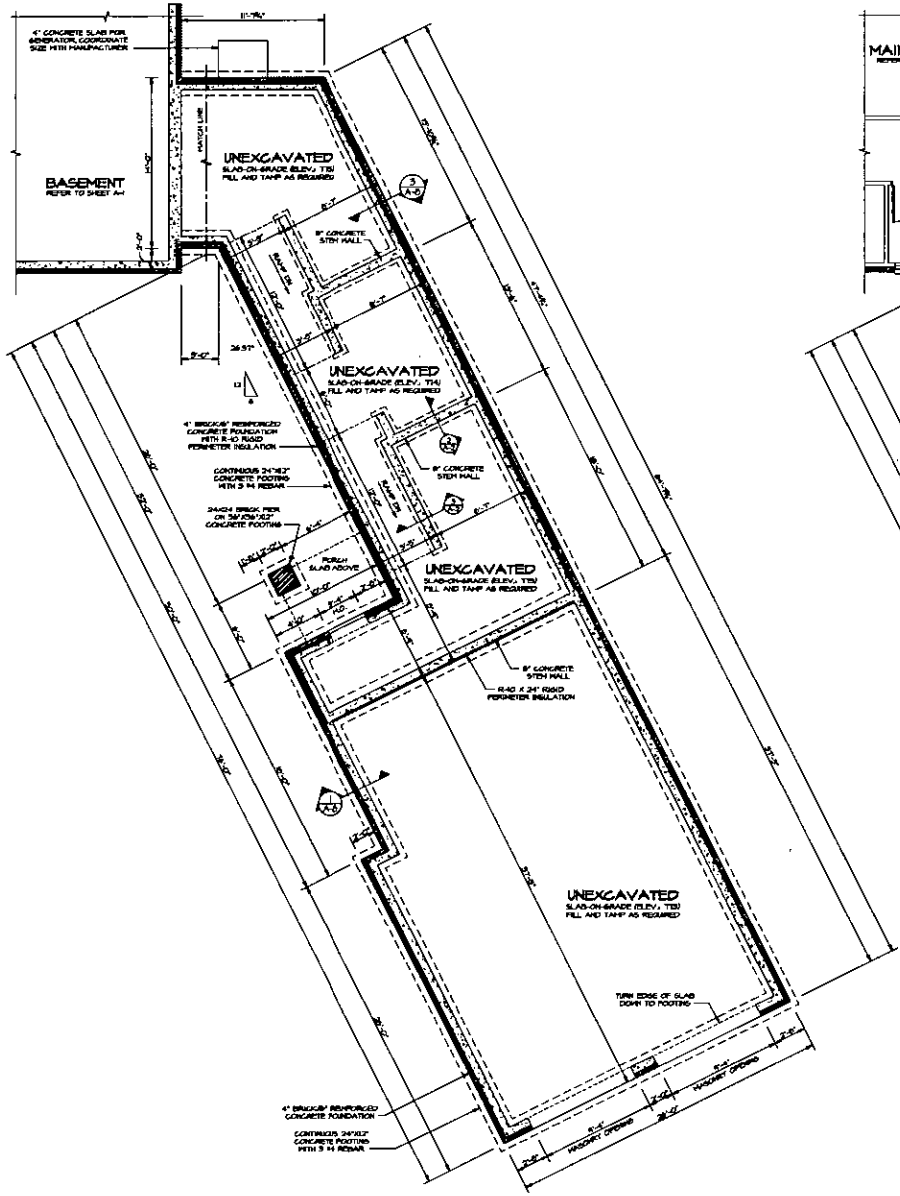
A NEW RESIDENCE FOR
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141 SCHOONER DRIVE MOORESVILLE NORTH CAROLINA

DATE: 4-25-17
PROJECT NO: 112-16
SHEET NO: A-2
3 OF 10

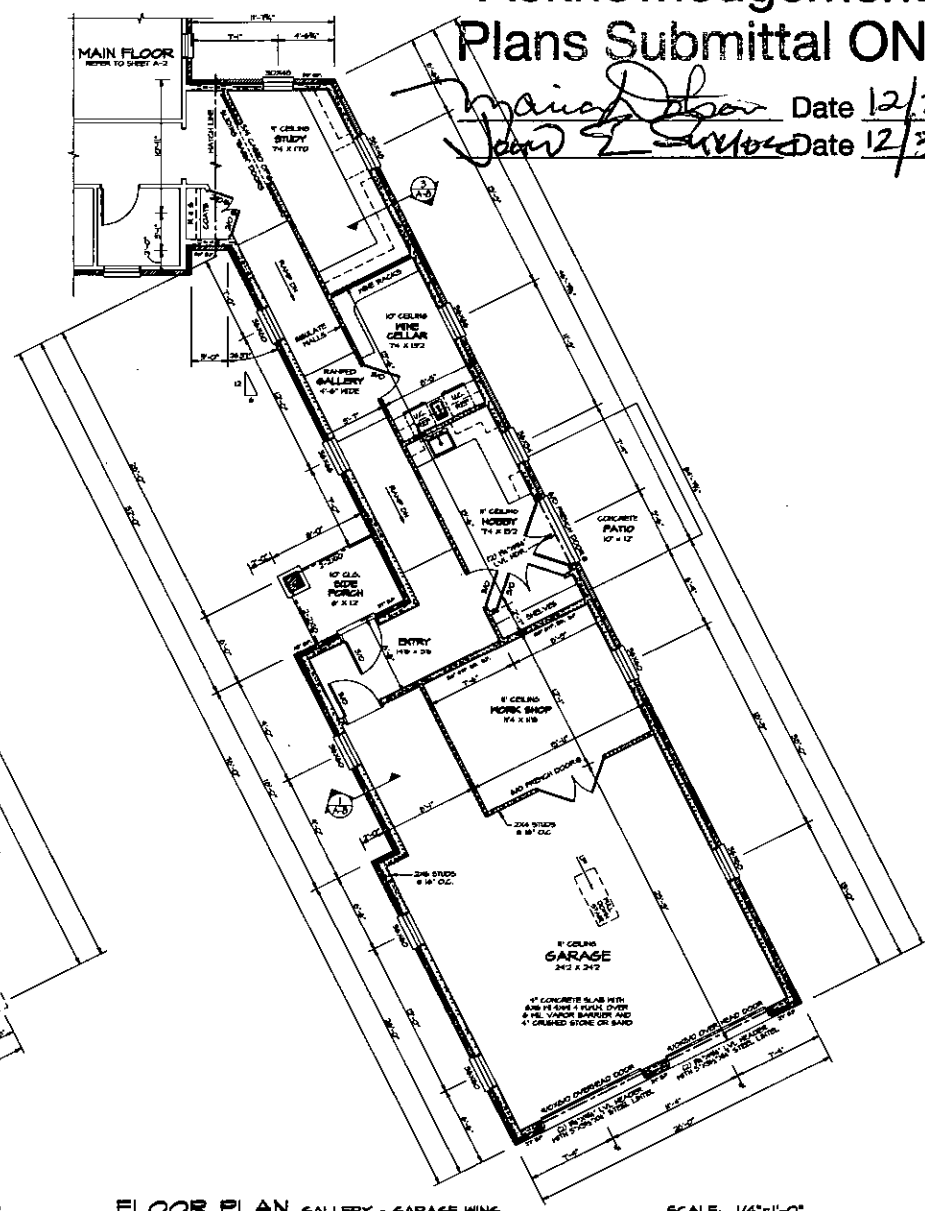
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Date 12/31/18



FOUNDATION PLAN GALLERY - GARAGE WING SCALE: 1/4"=1'-0"



FLOOR PLAN GALLERY - GARAGE WING SCALE: 1/4"=1'-0"

STEVE L. KNIGHT, PE
CONSULTING ENGINEER
1507 MT. VERNON AVE.
STATESVILLE, N. C. 28677
TELEPHONE: 704-878-9988
FAX. 704-878-8887

WALL LEGEND

NOTE: CLAD WOOD CASEMENT WINDOWS SHOWN. SIZES ARE NOMINAL FRAME DIMENSIONS (i.e. 36X54 = 3'-0" X 4'-6" FRAME) VERIFY WITH WINDOW MANUFACTURER THAT BEDROOM WINDOWS COMPLY WITH SECTION R310 EGRESS REQUIREMENTS

⊕ INDICATES WINDOW OR DOOR UNIT TO BE PROVIDED BY OWNER

DESIGNS UNLTD. LLC
DAVID A. BALL
RESIDENTIAL DESIGNER SINCE 1977
1166 ELGIN DRIVE
CONOVER, NC 28613
828-994-4781

A NEW RESIDENCE FOR
SAM & BARBARA PENDERGRASS
141 SCHOONER DRIVE MOORESVILLE NORTH CAROLINA

DATE: 4/2/17
PROJECT NO: 112-16
SHEET NO: A-3
4 OF 10

RECEIVED DEC 2 1 2018

Paid $250.00 #229489

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
( ) Septic Improvement Permit ( ) Authorization to Construct (X) Existing System Inspection ( ) Septic System Repair

THE ABOVE PERMIT DOCUMENTS WILL BECOME INVALID IF INFORMATION PROVIDED ON THIS APPLICATION IS FALSIFIED OR CHANGED, OR IF THE SITE IS ALTERED. THE IMPROVEMENT PERMIT IS VALID FOR EITHER 60 MONTHS OR WITHOUT EXPIRATION DEPENDING UPON DOCUMENTATION SUBMITTED. APPLICATION WITH SITE PLAN 60 MONTHS, APPLICATION WITH COMPLETE, SCALED PLAT WITHOUT EXPIRATION. SEE 15A NCAC 18A .1937(f) FOR DETAILS.

Page 2: *Site Plan Worksheet* form MUST accompany this application

The following optional attachments may also be submitted: ( ) Survey Plat, scaled no more than 1 inch = 60 feet
Place an (X) beside whichever is submitted if applicable ( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: (PRINT CLEARLY)

Applicant Name: Artisan Custom Homes **Address:** 21016 Catawba Ave, Cornelius, NC **Zip:** 28031

Applicant Email: john @artisancustomhomes.com **Phone:** 704-309-0382 **Alt. Phone:** 704-987-9369

Owner Name: Sam and Barbara Pendergrass **Address:** 141 Schooner Lane, Mooresville, NC **Zip:** 28117

Owner Email: spendergrass@met-tech.com **Phone:** 704-663-5108 **Alt. Phone:** 704-202-9567

Property Information:

Street Address: 141 Schooner Lane, Mooresville, NC 28117

Subdivision Name: Sailors Liar **Section/Phase:** _____ **Lot Number:** 34

Driving Directions: I-77 North to Exit 31 Langtree rd, at the top of the exit take a left and go down to the end on Langtree and take a right, the house is on the left.

Site Development Information: *(check or complete ALL that apply*

CHECK FOUNDATION TYPE

(X) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition
( ) Repair to failing septic system ___ Tank ___ Drain lines Describe Problem: _____

Maximum Number of Bedrooms: 3
Maximum Number of Occupants: 3
( ) Swimming Pool
( ) Other Addition/Structure: _____

( ) Crawl Space Foundation
( ) Concrete Slab Foundation
(X) Basement with Plumbing
( ) Basement without Plumbing

Non-Residential Site Development: Type of Business: _____
Square Footage of Building: _____ Max. Number of Employees: _____ Max. Number of Seats/Beds/Other: _____

Water Supply: ( ) Replacement Well – Reason: _____
( ) Multi-connection Well Number of Houses: _____ Number of Persons: _____

( ) New Well (X) Existing Well ( ) Community Well ( ) City Water ( ) Other Public Water

Desired Septic System Type: *(you may rank in order of preference)* Year existing system installed: _____
( ) No Preference ( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other: _____

Please answer the following to the best of your ability:

( ) Yes (X) No Does the site contain any jurisdictional wetlands?
( ) Yes (X) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (X) No Is the site subject to approval by any other public agency?

I have read this application and certify that the information provided herein is true, complete, and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed.

Signature: John E Swycaf III 12-21-18

Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

INDEX TO DRAWINGS

S SITE PLANS / LANDSCAPING

S-1 SITE PLAN

A ARCHITECTURAL

A-1 BASEMENT/FOUNDATION PLAN
A-2 HOUSE FLOOR PLAN
A-3 GALLERY-GARAGE WING PLANS
A-4 ROOF PLAN
A-5 EAST & WEST ELEVATIONS
A-6 NORTH & SOUTH ELEVATIONS
A-7 GALLERY-GARAGE WING ELEVATIONS
A-8 BUILDING SECTIONS AND DETAILS
A-9 BUILDING SECTIONS AND DETAILS

31 to ST
from house
20 to garage
from ST
Drain line
25' from
house

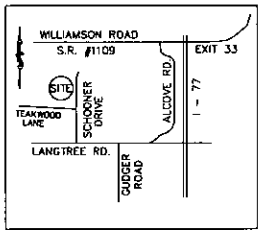
OWNERSHIP AND USE OF DRAWINGS

THE COMPLETE PROJECT, DESIGN CONCEPTS, PLANS, DRAWINGS AND DETAILS HEREIN CONTAINED ARE THE ORIGINAL WORK PRODUCT OF THE DESIGNERS OF RECORD AND HAVE BEEN PREPARED TO THE SPECIFICATIONS AND/OR LIMITATIONS OF THE ORIGINAL CLIENT AGREEMENT. THE COMPLETE PROJECT, DESIGN CONCEPTS, PLANS, DRAWINGS AND DETAILS ARE THE EXCLUSIVE PROPERTY OF, AND ARE WHOLLY OWNED BY, THE DESIGNER, AND/OR ASSIGNEES. USE OF THE WORK PRODUCT HEREIN CONTAINED IS LIMITED TO THE ENVISIONED CLIENT SPECIFIED ON EACH DRAWING SHEET, FOR THE CONSTRUCTION OF A SINGLE BUILDING. USE, REUSE, REPRODUCTION OR DISCLOSURE OF ANY PORTION OF THE COMPLETE PROJECT, DESIGN CONCEPT, PLANS, PLANS, DRAWINGS AND/OR DETAILS CONTAINED ON OR WITHIN THESE PLANS BY ANY MEANS WITHOUT THE WRITTEN PERMISSION OF THE DESIGNER OF RECORD AND/OR ASSIGNEE IS PROHIBITED. NO RESPONSIBILITY IS ASSIGNED FOR ANY PLAN NOT DESIGNED FOR A SPECIFIC CLIENT OR CONSTRUCTION SITE.

GREAT CARE HAS BEEN TAKEN IN THE PREPARATION OF THE PLANS, DRAWINGS, DETAILS AND SPECIFICATIONS HEREIN CONTAINED TO AVOID MISTAKES, ERRORS AND/OR OMISSIONS TO THE EXTENT PERMITTED BY THE ORIGINAL CLIENT AGREEMENT. THE MASTER CANNOT GUARANTEE AGAINST TECHNICIAN ERRORS OR JOB SITE CONDITIONS WHICH MAY REQUIRE ALTERATION AND/OR DEVIATIONS FROM THESE PLANS. THEREFORE THE CONTRACTOR/BUILDER SHALL CONFIRM AND VERIFY COMPLIANCE WITH EXISTING CODES, ENERGY CONSERVATION CODES AND LOCAL ORDINANCES PRIOR TO CONSTRUCTION AND SHALL BE RESPONSIBLE FOR SAME.

EVERY EFFORT HAS BEEN MADE IN THE PREPARATION OF THE PLANS, DRAWINGS, DETAILS AND SPECIFICATIONS HEREIN CONTAINED TO BE IN COMPLIANCE WITH CURRENT CODES AND ORDINANCES. THE MASTER CANNOT GUARANTEE AGAINST CODE OR ORDINANCE CHANGES WHICH MAY REQUIRE ALTERATION AND/OR DEVIATIONS FROM THESE PLANS. THEREFORE THE CONTRACTOR/BUILDER SHALL CONFIRM AND VERIFY COMPLIANCE WITH EXISTING CODES, ENERGY CONSERVATION CODES AND LOCAL ORDINANCES PRIOR TO CONSTRUCTION AND SHALL BE RESPONSIBLE FOR SAME.

WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. DO NOT SCALE DRAWINGS. APPLICABLE BUILDING CODES, ORDINANCES AND REGULATIONS SHALL ALWAYS PROVIDED SAME IS MORE STRINGENT THAN THE PROVISIONS INDICATED WITH THE SPECIFICATIONS AND PLANS HEREIN PROVIDED. NO VARIATION AUTHORIZED OR REQUIRED BY A BUILDING CODE OFFICIAL SHALL BE BINDING UPON THE DESIGNER OF RECORD AND/OR ASSIGNEE OF SAME.



VICINITY MAP NO SCALE

LINE TABLE		
LINE	BEARING	LENGTH
L1	N 09°00'32" E	12.06'
L2	N 01°36'09" W	28.14'

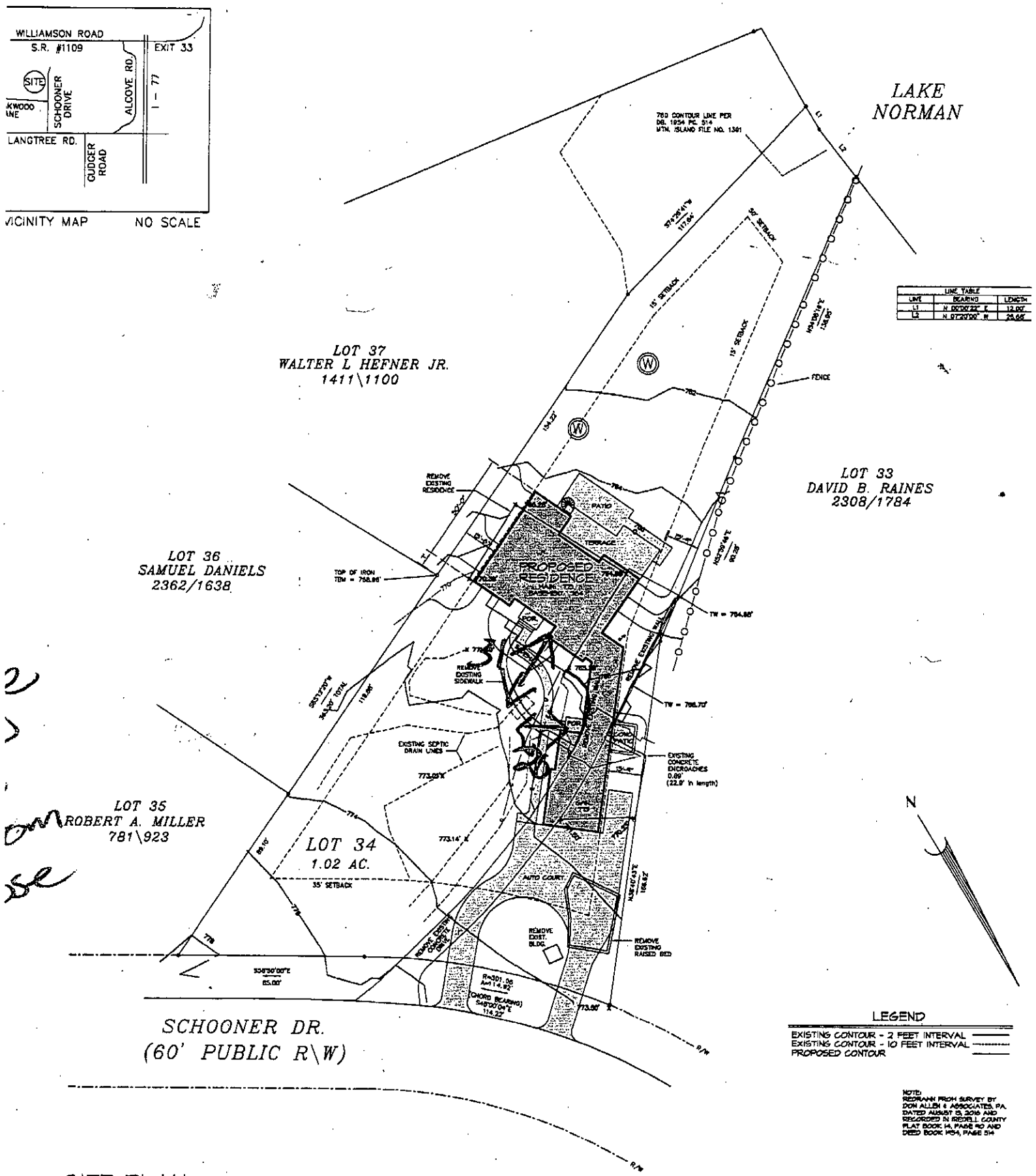
NOTE:
BEARING FROM SURVEY BY
JOHN ALLEN & ASSOCIATES, PA.
DATED AUGUST 8, 2016 AND
RECORDED IN IREDELL COUNTY
PLAT BOOK 14, PAGE 150 AND
DEED BOOK 1854, PAGE 544

SITE PLAN P.I.N.: 4634547571.000 SAILORS LAIR LOT #34 141 SCHOONER DRIVE MOORESVILLE IREDELL COUNTY NORTH CAROLINA SCALE: 1"=20'-0"

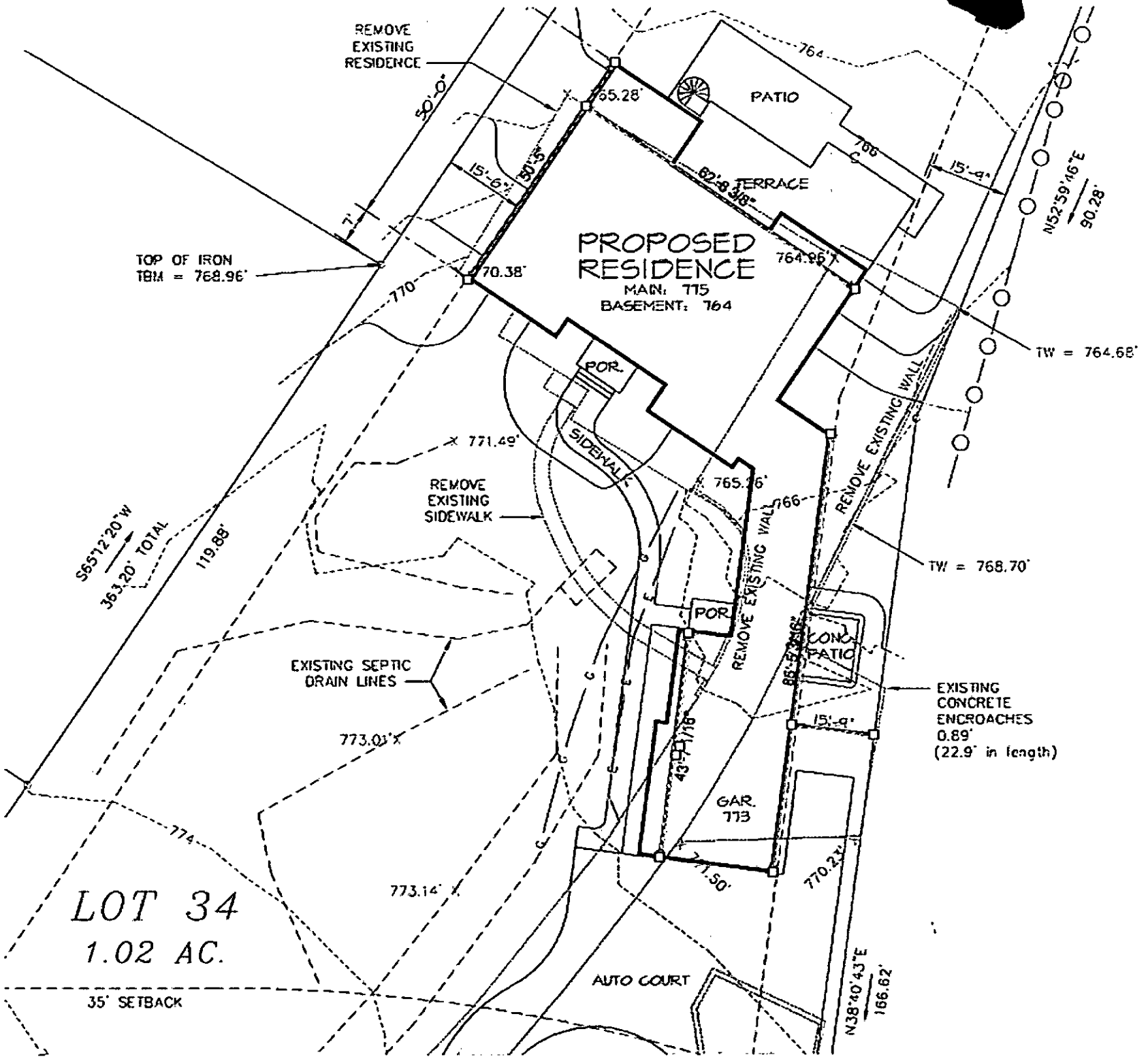
DESIGNS UNLTD. LLC
RESIDENTIAL DESIGN SINCE 1415
DAVID A. BALL
RESIDENCE DESIGNER

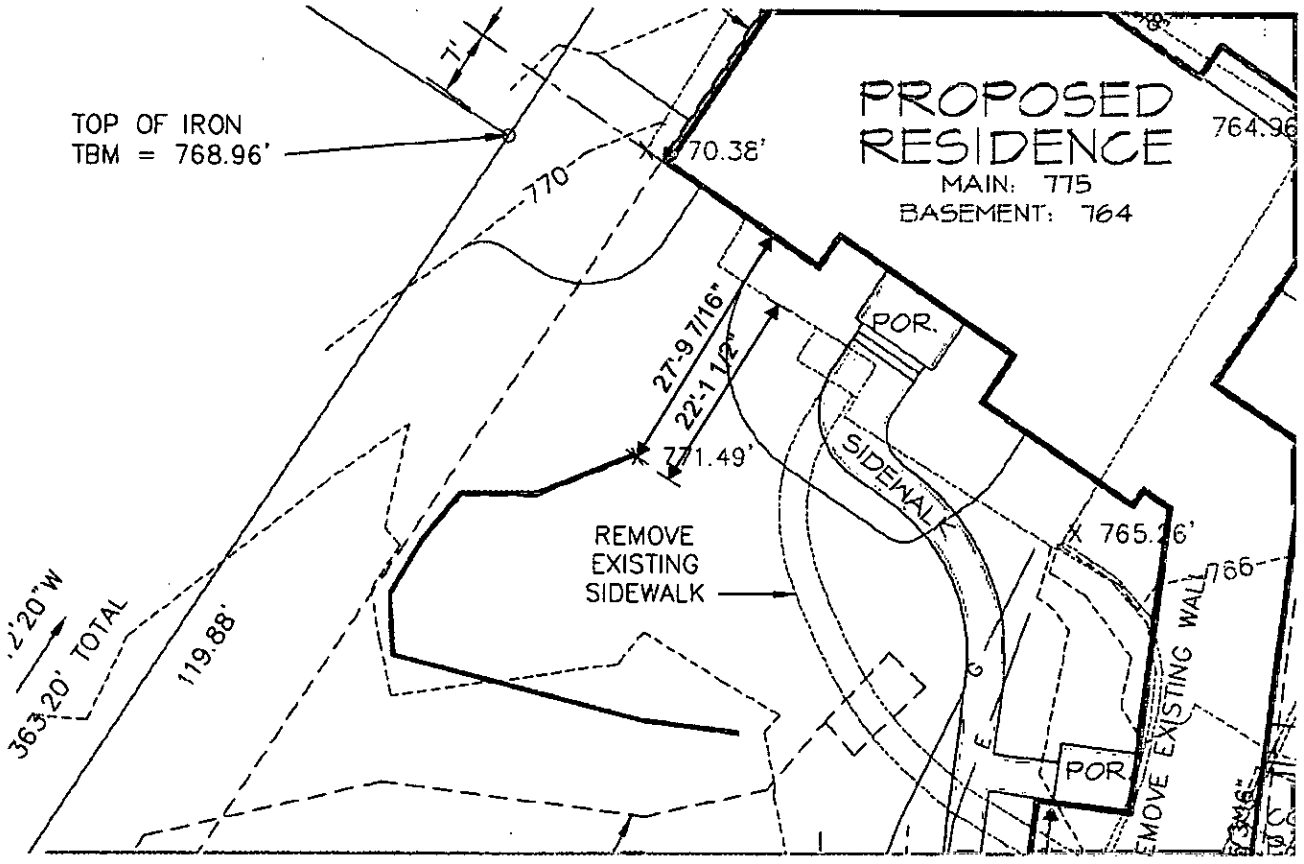
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SHEET NO S-1
1 OF 10



SITE PLAN P.I.N.: 4634947571.000 SAILORS LAIR LOT #34 141 SCHOONER DRIVE MOORESVILLE IREDELL COUNTY NORTH CAROLINA SCALE: 1"=20'-0"


REMOVE EXISTING RESIDENCE
50'-0"
764
65.28'
PATIO
766
15'-4"
15'-6"
50'-5"
62'-8 3/8"
TERRACE
N52°59'46"E
90.28'
7'
PROPOSED RESIDENCE
MAIN: 775
BASEMENT: 764
TOP OF IRON
TBM = 768.96'
770
70.38'
764.96'
TW = 764.68'
POR.
SIDEWALK
771.49'
REMOVE EXISTING SIDEWALK
765.16'
766
REMOVE EXISTING WALL
REMOVE EXISTING WALL
TW = 768.70'
S65°12'20"W
363.20' TOTAL
119.88'
POR.
CONC. PATIO
EXISTING SEPTIC DRAIN LINES
773.01'
43'-9 1/16"
EXISTING CONCRETE ENCROACHES 0.89' (22.9' in length)
15'-9"
GAR. 773
774
773.14'
1.50'
770.2'
LOT 34
1.02 AC.
AUTO COURT
35' SETBACK
N38°40'43"E
166.62'



Thanks
John

ARTISAN
CUSTOM HOMES

JOHN SHRYOCK – MANAGING PARTNER
21016 CATAWBA AVE.
CORNELIUS, NC 28031
CELL PHONE 704-309-0382