IREDELL COUNTY HEALTH DEPARTMENT KW

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # 245345

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

PIN # 4636226478

APPLICANT/OWNER: Richard Sheppard | APPLICANT ADDRESS: 126 Wheaton Ln Mooresville NC 28117

SITE ADDRESS: 126 Wheaton Ln Mooresville, NC 28117 | PHONE: 504-388-1994 | ALT. PHONE

SITE DIRECTIONS: Brawley School Rd to L on Isle of Pines Rd, R on Rockridge Point Dr, L on Wheaton Ln, lot at end | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Rockridge Point | SECTION: — | LOT # 7 | LOT AREA: 0.89 acres | DESIGN FLOW: 480GPD | L.T.A.R.: .3

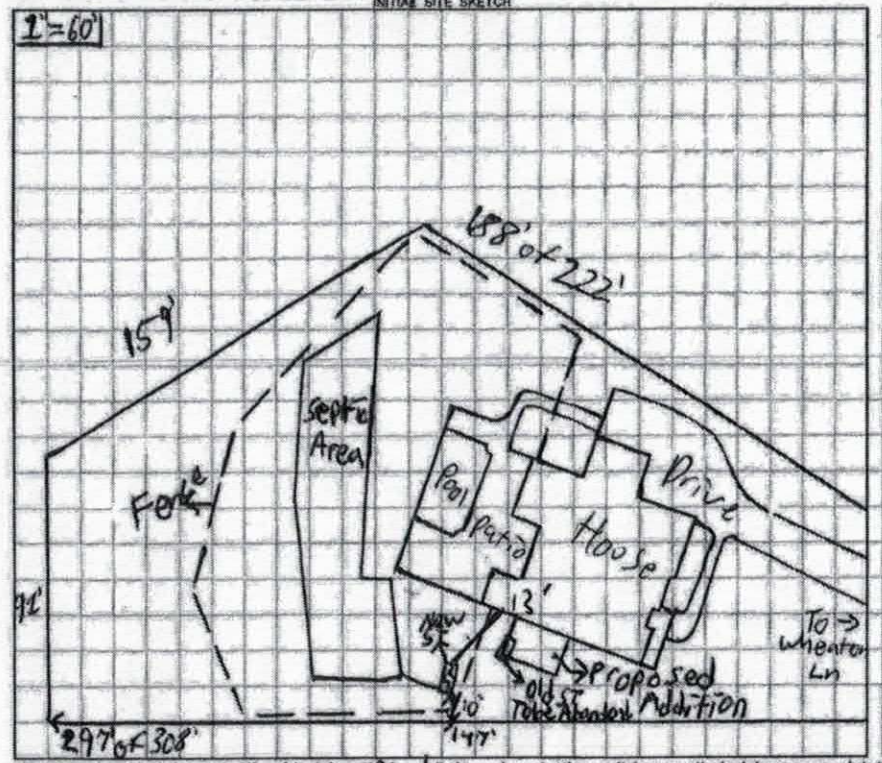
Septic Tank	1000 gal	STB	760	Date	4-15-19	☒ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI
Pump Tank	gal	PT		Date		System Description:	Tank Replacement		
Pump Make		Model		Serial #		Repair System Description:		Pane Block	
# Nitrification Fields	1	# Lines	Existing	Linear Ft	410'	Maintenance Agreement Required:	☐ YES	☒ NO	
Trench Width	36"	Trench Bottom Depth(Low side)	36"	Gravel Depth	—	☒ GRAVITY	☐ PRESSURE		

☒ Residence	No. Bedrooms	4	Water Supply	
☐ Business	No. Persons	8	☐ Private	
☐ Other	No. Employees		☐ Public	
☐ Slab	☒ Crawl Space		☒ Community	
☐ Basement w/plumbing	☐ Basement w/o plumbing			

Comments / Conditions: Pump crush, Fill old tank and Follow all NC Tank replacement rules. Property line must be surveyed during time of installation and Inspection.

* HOA may Require bigger tank

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: 6/18/19 Installed by: Lentz Wastewater

IMPROVEMENT PERMIT by: Patrick G Bagley III Date: 06/18/19 OPERATION PERMIT by: [signature] Date: 6-26-19

AUTHORIZATION TO CONSTRUCT by: Patrick G Bagley III Date: 06/18/19 Existing System Inspected by: Date:

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

IREDELL COUNTY HEALTH DEPARTMENT

KW

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PERMIT # 245345

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SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Rockridge Point

SECTION: — LOT # 7 LOT AREA: 0.89 acres

DESIGN FLOW: 480 GPD L.T.A.R.: .3

Septic Tank 1000A (gal) STB Date

Pump Tank (gal) PT Date

Pump Make Model Serial #

Nitrification Fields 1 # Lines Existing Linear Ft 410'

Trench Width 36" Trench Bottom Depth(Low side) 36" Gravel Depth —

☒ New System ☐ Repair ☐ Expansion System Type: I II III IV V VI

System Description: Tank Replacement

Repair System Description: Panel Block

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

☒ Residence No. Bedrooms 4

☐ Business No. Persons 8

☐ Other No. Employees

☐ Slab ☒ Crawl Space

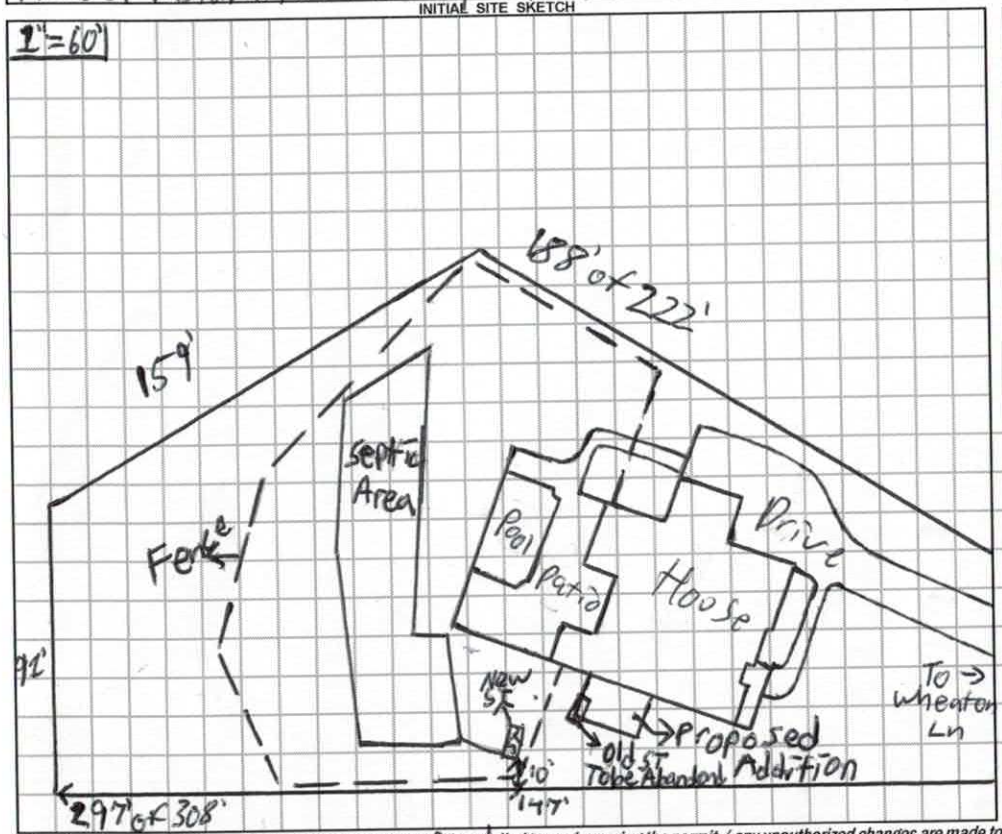
☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply: ☐ Private ☐ Public ☒ Community

Comments / Conditions: Pump crush, Fill old Tank and Follow all NC Tank replacement rules. Property line must be surveyed during time of installation and Inspection.

A HOA may Require bigger tank

INITIAL SITE SKETCH



AS BUILT SKETCH

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☐ **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: Date: 6/18/19

IMPROVEMENT PERMIT by: Patrick J Bagley III Date: 06/18/19

AUTHORIZATION TO CONSTRUCT by: Patrick J Bagley III Date: 06/18/19

Installed by:

OPERATION PERMIT by: Date:

Existing System Inspected by: D

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

#245345
$500.00
6.4.19

Call Pam Pennington for site visit

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM 704-996-6730

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

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 (X) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: (PRINT CLEARLY)

Applicant Name: Richard Sheppard Address: 126 Wheaton Lane Zip: 28117
Applicant Email: schmolkeconstruction@gmail.co Phone: 504.388.1994 Alt. Phone: _____
Owner Name: SAME AS ABOVE Address: (contractor email and phone #) Zip: _____
Owner Email: _____ Phone: _____ Alt. Phone: _____

Property Information:

Street Address: 126 Wheaton Lane
Subdivision Name: Rockridge Point Section/Phase: _____ Lot Number: 7
Driving Directions: Brawley School Rd, TL Isle of Pines; TR Rockridge Pt, TL Wheaton, at end

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

CHECK FOUNDATION TYPE

( ) New Single Family Residence — Maximum Number of Bedrooms: 4 — (X) Crawl Space Foundation
( ) New Multi-Family Residence — Maximum Number of Occupants: 8 — ( ) Concrete Slab Foundation
( ) Accessory Building — ( ) Swimming Pool — ( ) Basement with Plumbing
( ) Bedroom(s) Addition — (X) Other Addition/Structure: Kitchen add — ( ) Basement without Plumbing
( ) Repair to failing septic system ___ Tank ___ Drain lines Describe Problem: _____
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 ( ) Existing Well (X) Community Well ( ) City Water ( ) Other Public Water

Desired Septic System Type: *(you may rank in order of preference)* Year existing system installed: 2016
( ) No Preference ( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other: Fob Panel
Yes, 25% Need to move septic tank

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: _____ 5-31-19
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

(Check and sign only ONE of the options below)

1. *** APPLICANT AND OWNER ARE THE SAME. *** (*Sign here*) Rich Shepard

Applications for permits require the "signature of the owner or owner's legal representative" (15A NCAC 18A .1937). If the owner does not sign the application himself or herself, they can submit any one of the following documents to designate their legal representative: *Power of Attorney; Real Estate Contract; Estate executor; Bankruptcy trustee; Court ordered guardianship* In the absence of the above documentation, the property owner may provide the local health department with documentation that designates a legal representative. A property owner may:
Complete this form to document his or her legal representative, or provide his or her own form that contains the information in this form. If there are multiple property owners, then all property owners must sign the form that designates a legal representative.
By signing a form that designates a legal representative for purposes of 15A NCAC 18A .1937, the property owner authorizes that representative to act on their behalf in matters pertaining to the application and permitting process, including signing or receiving any application, document or permit. The owner retains full responsibility to meet all permit conditions specified by the local health department.

2. I, Richard Shepphard, am the legal owner(s) of the property located at 126 Wheaton Lane, identified as

PIN (Parcel Identification Number) 4636226478, located in Iredell County, North Carolina.
I do hereby authorize (**print legal representative/company name**) Paul Penninger / Penninger Soil Consulting Darren Schmolke / Schmolke Const., to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

- Application for Improvement Permit (IP) / Authorization to Construct (AC)
- Improvement Permit (IP) / Authorization to Construct (AC)
- Application for soil-site evaluation (new/repair)
- Application/permit for private drinking water well/well abandonment
- Application for Compliance Inspection

I agree to abide by all decisions and/or conditions between the legal representative acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division.

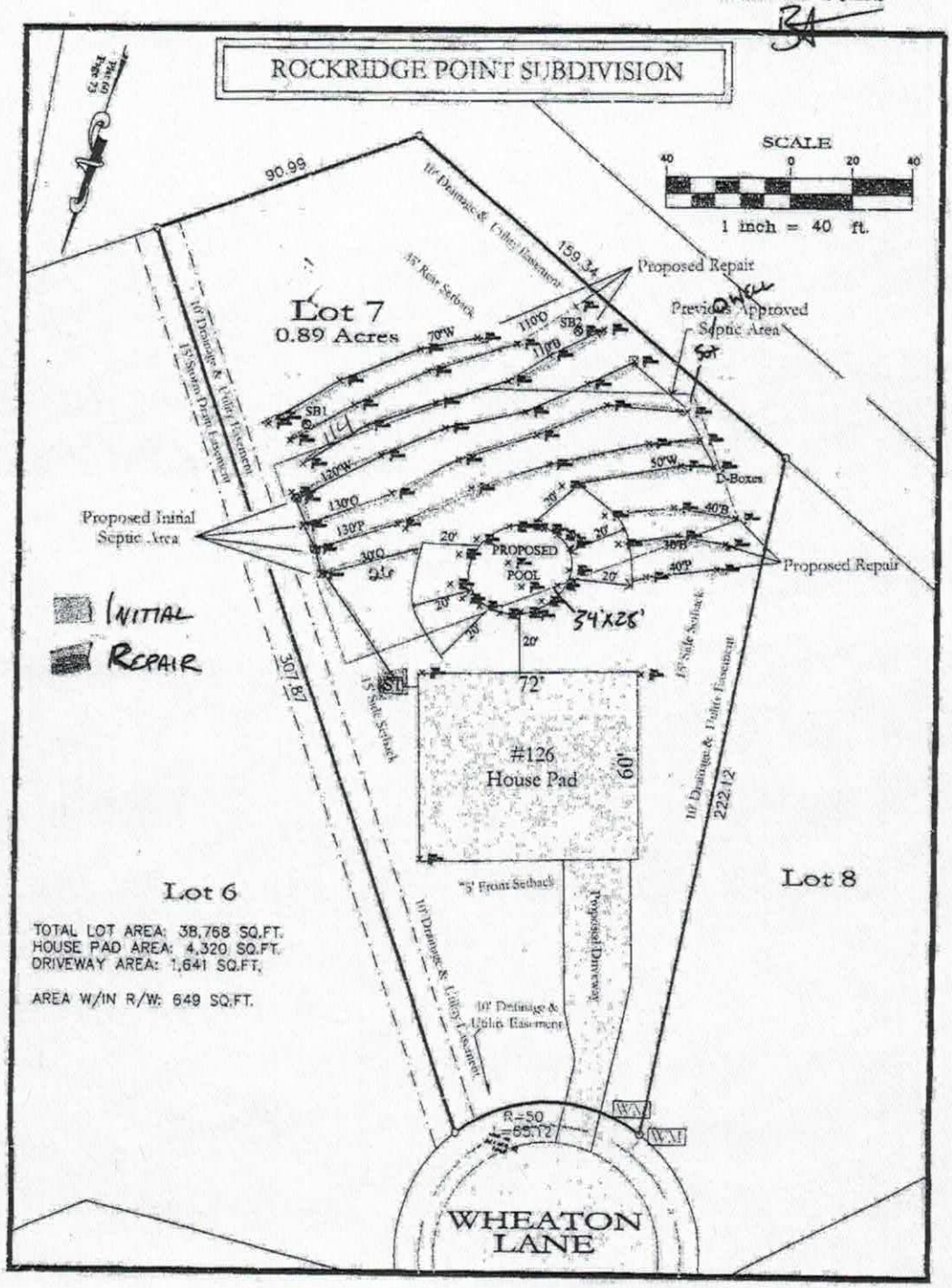
Rich Shepard
Signature of Owner(s)

5-31-19
Date

Mooresville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

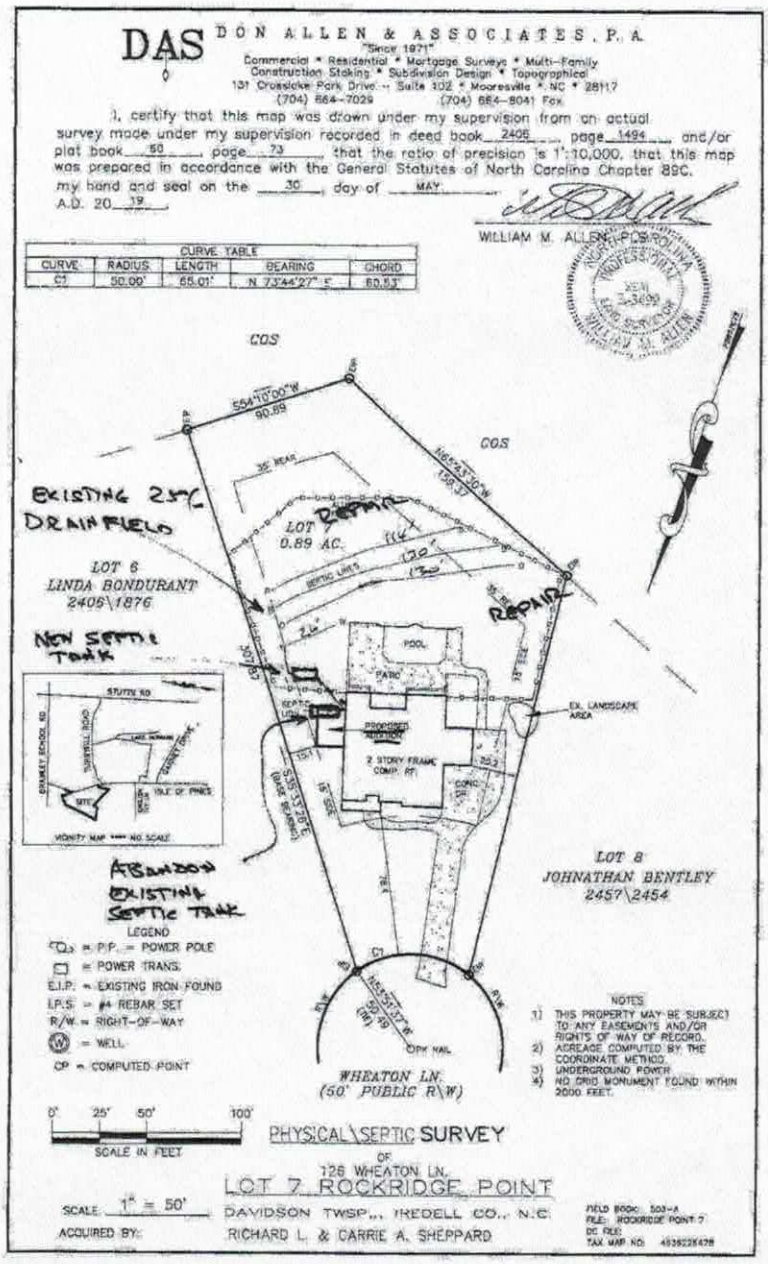
Statesville - Environmental Health
adrienne.shea@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

APPROVED SEP 28 2015



TOTAL LOT AREA: 38,768 SQ.FT.
HOUSE PAD AREA: 4,320 SQ.FT.
DRIVEWAY AREA: 1,641 SQ.FT.

AREA W/IN R/W: 649 SQ.FT.



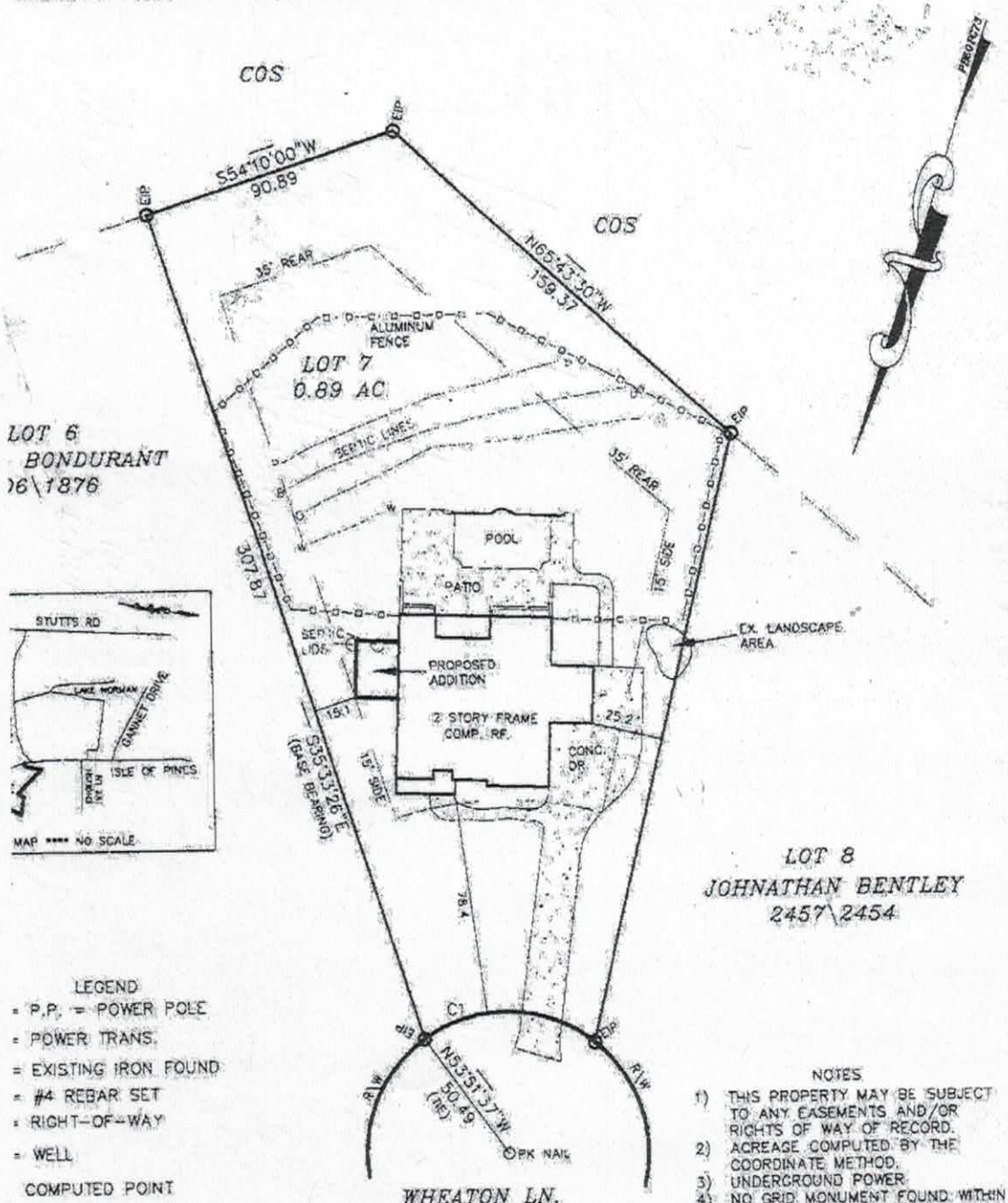
SEPTIC SITE PLAN FOR NEW SEPTIC TANK + PROPOSED HOME ADDITION

5-31-19

I, certify that this map was drawn under my supervision from an actual
made under my supervision recorded in deed book 2406, page 1494, and/or
ook 50, page 73, that the ratio of precision is 1':10,000, that this map
repared in accordance with the General Statutes of North Carolina Chapter 890.
and and seal on the 30 day of MAY
20 19

WILLIAM M. ALLEN, PLS

CURVE TABLE			
RADIUS	LENGTH	BEARING	CHORD
50.00'	65.01'	N 73°44'27" E	60.53'



LEGEND
- P.P. = POWER POLE
- = POWER TRANS.
- = EXISTING IRON FOUND
- = #4 REBAR SET
- = RIGHT-OF-WAY
- = WELL

COMPUTED POINT

NOTES
1) THIS PROPERTY MAY BE SUBJECT TO ANY EASEMENTS AND/OR RIGHTS OF WAY OF RECORD.
2) ACREAGE COMPUTED BY THE COORDINATE METHOD.
3) UNDERGROUND POWER.
4) NO GRID MONUMENT FOUND WITHIN 2000 FEET.

25' 50' 100'
SCALE IN FEET

PHYSICAL\SEPTIC SURVEY

OF

126 WHEATON LN.

LOT 7 ROCKRIDGE POINT

ALE 1" = 50' DAVIDSON TWSP., IREDELL CO., N.C.

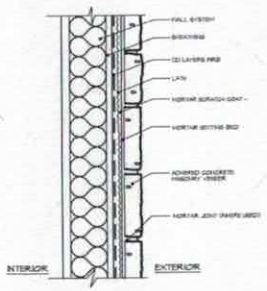
UIRED BY: RICHARD L. & CARRIE A. SHEPPARD

FIELD BOOK: 503-A
FILE: ROCKRIDGE POINT 7
DC FILE:
TAX MAP NO: 4636228478

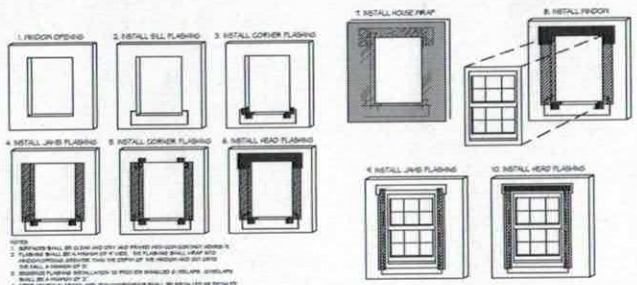
Acknowledgement of
Plans Submittal ONLY!

Date 6/18/19

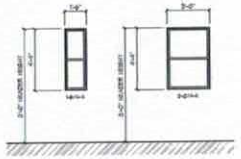
Date



5 A-1 ADHERED STONE DETAIL



4 A-1 WINDOW FLASHING DETAILS



3 A-1 WINDOW SCHEDULE 1/4" = 1'-0"

1. GENERAL CONTRACTOR IS RESPONSIBLE FOR INSPECTING THE SITE AND VERIFYING ALL EXISTING CONDITIONS. NO CLAIM FOR EXTRA OR ADDITIONAL WORK OR MATERIAL WILL BE ALLOWED FROM LACK OF KNOWLEDGE OF SUCH CONDITIONS WILL BE ALLOWED.
2. THE CONTRACTOR SHALL VERIFY ALL GRADES, LEVELS CONDITIONS AND DIMENSIONS AND SHALL MAKE ALL NECESSARY MEASUREMENTS AT THE SITE. NO EXTRA CHARGE OR CHANGE ORDER SHALL BE ALLOWED BECAUSE OF DIFFERENCES BETWEEN ACTUAL MEASUREMENTS AND THE DIMENSIONS INDICATED ON THE DRAWINGS. ANY DISCREPANCIES OR DIFFERENCES SHALL BE PROMPTLY REPORTED TO THE ARCHITECT OF RECORD IN WRITING PRIOR TO COMPLETING THE AFFECTED WORK.
3. GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK AS PRUDENT OR REQUIRED BY LAW.
4. GENERAL CONTRACTOR SHALL DEVOT AND MAINTAIN, AS REQUIRED BY EXISTING CONDITIONS AND PROGRESS OF THE WORK, ALL REASONABLE SAFEGUARDS FOR SAFETY AND PROTECTION, INCLUDING POSTING DANGER SIGNS AND OTHER WARNINGS AGAINST HAZARDS, PROMULGATING SAFETY REGULATIONS AND NOTIFYING OWNERS AND USERS OF ADJACENT UTILITIES.
5. GENERAL CONTRACTOR SHALL SUBMIT A CONSTRUCTION SCHEDULE TO OWNER FOR APPROVAL PRIOR TO COMMENCING DEMOLITION AND/OR CONSTRUCTION.
6. ITEMS SHOWN AS BEING REMOVED SHALL BE REMOVED WITH CAUTION. GENERAL CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES WITH DRAWINGS.
7. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION REQUIRED TO ACHIEVE THE LAYOUTS AS SHOWN ON DRAWINGS. GENERAL CONTRACTOR SHALL COORDINATE INFORMATION ON DEMOLITION PLAN WITH GENERAL BUILDING DRAWINGS AND SHALL NOT RELY SOLELY ON DEMOLITION PLAN.
8. REPAIR ALL EXISTING WALLS WHERE DEMOLITION OF EXISTING MATERIALS ARE REMOVED. AT THESE OCCURRENCES PROVIDE UNIFORM SURFACES FOR APPLICATION OF NEW FINISHES.
9. PREPARE ALL EXISTING VERTICAL AND HORIZONTAL SURFACES FOR APPLICATION OF FINISHES. PROVIDE A FINE SMOOTH, UNIFORM SURFACE.
10. GENERAL CONTRACTOR SHALL PROTECT EXISTING UTILITIES AND SERVICES TO MAINTAIN FULL OPERATION OF RESIDENCE DURING CONSTRUCTION. GENERAL CONTRACTOR SHALL SCHEDULE ANY INTERRUPTION OF UTILITIES WITH OWNER. GENERAL CONTRACTOR SHALL OBTAIN OWNER'S WRITTEN APPROVAL PRIOR TO INTERRUPTION OR DISCONNECTION OF ANY UTILITIES.
11. PROVIDE TEMPORARY WEATHER PROTECTION DURING INTERVAL BETWEEN SELECTIVE DEMOLITION OF EXISTING CONSTRUCTION ON EXTERIOR SURFACES AND NEW CONSTRUCTION. TO PREVENT WATER LEAKAGE AND DAMAGE TO STRUCTURE AND INTERIOR AREAS.
12. PROTECT WALLS, CEILINGS, FLOORS, AND OTHER EXISTING FINISH WORK THAT ARE TO REMAIN OR THAT ARE EXPOSED DURING SELECTIVE DEMOLITION OPERATIONS.
13. COVER AND PROTECT FURNITURE, FURNISHINGS, AND EQUIPMENT THAT HAVE NOT BEEN REMOVED.

PLAN LEGEND

EXISTING PARTITION TO REMAIN

NEW WALLS

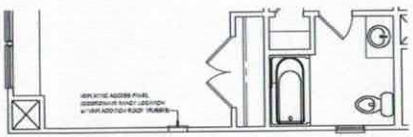
DOOR SIZE LEGEND

DOOR HEIGHT IN FEET & INCHES (8'-0")

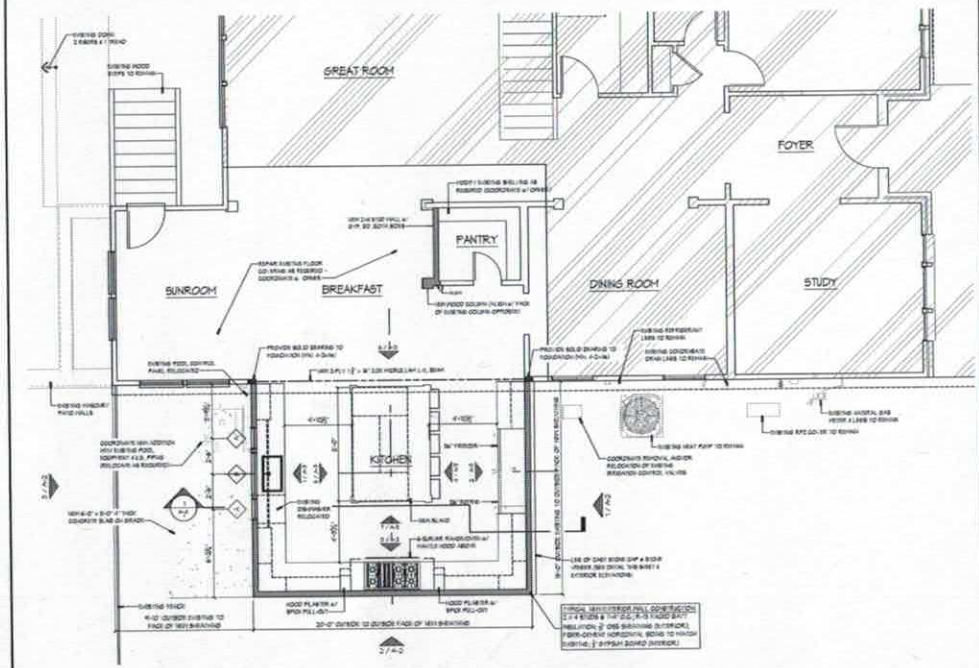
DOOR WIDTH IN FEET & INCHES (2'-0")

GENERAL PLAN NOTES

1. DIMENSIONS ARE FACE TO FACE OF FINISH MATERIAL UNLESS NOTED OTHERWISE. CONTRACTOR SHALL ADJUST DIMENSIONS AS REQUIRED TO REFLECT ACTUAL DEPTH OF WALL ASSEMBLIES.
2. NEW SHEATHED WALL PANEL NOTES:
   - 2.1. PROVIDE 7/16" OSB SHEATHING CONTINUOUS ON ALL NEW EXTERIOR WALLS.
   - 2.2. OSB SHALL BE ATTACHED TO WALL STUDS USING 8d NAILS @ 6" O.C. AT PANEL EDGES AND @ 12" O.C. IN PANEL FIELD. INTERMEDIATE SUPPORTS/ INSTALL BLOCKING ALONG OSB PANEL EDGES AT 3" O.C. AND 8" O.C. AT INTERMEDIATE FRAMING WHEN LESS THAN 50% BUT MORE THAN 25% OF WALL IS SHEATHED.
   - 2.3. REMOVE EXISTING WALL SHEATHING ON PORTION OF EXISTING EXTERIOR WALL EXPOSED DURING DEMOLITION. INSTALL NEW 7/16" OSB TYPE AREA OF EXISTING EXTERIOR WALL. ATTACH AS OUTLINED IN ITEM 2 ABOVE. FINISH WITH ONE LAYER 5/8" GYPSUM BOARD AFTER NEW ADDITION IS ENCLOSED.
3. NEW INTERIOR WALLS SHALL BE A MINIMUM OF 2x4 SPF STUDS AT 1'-4" O.C. TYPICAL UNLESS NOTED OR OTHERWISE.
4. VERIFY ALL DIMENSIONS PRIOR TO INSTALLATION OF ANY WORK.
5. INSTALL MOISTURE RESISTANT GYPSUM BOARD IN ALL BATHROOMS AND WET AREA LOCATIONS.
6. PROVIDE NEW H.V.A.C. SYSTEM + DUCTWORK AS REQUIRED TO INSTALL NEW PARTITIONS, PLUMBING FIXTURES AND DOORS AS REQUIRED.
7. PROVIDE NEW ELECTRICAL WIRING, DEVICES, & FIXTURES. COORDINATE EXACT LOCATIONS & SELECTIONS WITH OWNER.
8. ALL NEW DRYWALL SURFACES ADJOINING EXISTING WALL SURFACES SHALL BE FINISHED TO EXISTING FACE UNLESS NOTED OTHERWISE.
9. INSTALL NEW ENERGY EFFICIENT WINDOW UNITS TO MATCH EXISTING WINDOW UNITS AND AS SELECTED BY OWNER. NEW WINDOW UNITS SHALL HAVE LOW-E INSULATED GLAZING.
10. REMOVE NO MORE EXISTING ROOFING THAN WHAT CAN BE GO-DESED IN ONE DAY BY WEATHERPROOF AND SO THAT BUILDING INTERIOR REMAINS WATERTIGHT AND WEATHERTIGHT.
11. PROVIDE TEMPORARY WEATHER PROTECTION DURING INTERVAL BETWEEN SELECTIVE DEMOLITION OF EXISTING CONSTRUCTION ON EXTERIOR SURFACES AND NEW CONSTRUCTION. TO PREVENT WATER LEAKAGE AND DAMAGE TO STRUCTURE AND INTERIOR AREAS.
12. PROTECT WALLS, CEILINGS, FLOORS, AND OTHER EXISTING FINISH WORK THAT ARE TO REMAIN OR THAT ARE EXPOSED DURING SELECTIVE DEMOLITION OPERATIONS.
13. COVER AND PROTECT FURNITURE, FURNISHINGS, AND EQUIPMENT THAT HAVE NOT BEEN REMOVED.



2 A-1 FLOOR PLAN - UPPER LEVEL 1/4" = 1'-0"



1 A-1 FLOOR PLAN - MAIN LEVEL 1/4" = 1'-0"

proximity architecture, pa
Mooresville, NC 28117

NAME OF ARCHITECT 12865 4.13.19 MOORESVILLE, NC

PROXIMITY ARCHITECTURE 52803 MOORESVILLE, NC

MARK	DATE	DESCRIPTION

PRE-BID ISSUE PERMIT-BID ISSUE

RENOVATIONS AND ADDITION FOR:
MR. & MRS. RICH SHEPPARD
139 WINSTON LANE
MOORESVILLE, NC 28117

OWNER
MR. & MRS. RICH SHEPPARD
139 WINSTON LANE
MOORESVILLE, NC 28117

ISSUE DATES:
04.12.19 PERMIT SUBMITTAL

PROJECT NO.: 2018-2053
DRAWN BY: LSS
CHECKED BY: LSS

FLOOR PLAN & DETAILS

A-1
SHEET 8 OF 11

RELEASED FOR CONSTRUCTION

Acknowledgement of Plans Submittal ONLY!

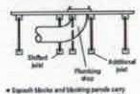
Date: 06/18/19

Date: 6/18/19

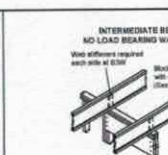


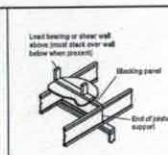
INSTALLATION TIPS

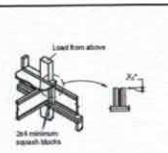
- Subfloor adhesive will improve floor performance, but may not be required.
- When joists are doubled at non-load bearing parallel partitions, space joists apart the width of the wall for plumbing or HVAC.
- Additional joist at plumbing drop (see detail).

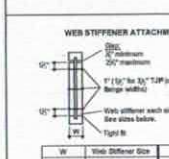


- Squash blocks and blocking panels carry stacked vertical loads (details B1 and B3). Packing out the web of a TJI® joist (with web stiffeners) is not a substitute for squash blocks or blocking panels.



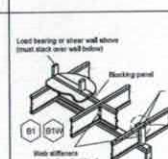


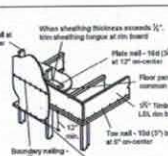




W	Web Stiffener Size	W	Web Stiffener Size
5½"	3" x 2⅜" minimum	2⅜"	⅜" x 2⅜" minimum
7¼"	⅜" x 2⅜" minimum	3½"	1" x 2⅜" minimum
9¼"	½" x 2⅜" minimum	5½"	2x4

W





1. GENERAL CONTRACTOR IS RESPONSIBLE FOR INSPECTING THE SITE AND VERIFYING ALL EXISTING CONDITIONS. NO CLAIM FOR EXTRA OR ADDITIONAL WORK OR MATERIAL ARISING FROM LACK OF KNOWLEDGE OF SUCH CONDITIONS WILL BE ALLOWED.
2. THE CONTRACTOR SHALL VERIFY ALL GRADES, LEVELS, CONDITIONS AND DIMENSIONS AND SHALL HAVE ALL NECESSARY MEASUREMENTS AT THE SITE. NO EXTRA CHARGE OR CHANGE ORDER SHALL BE ALLOWED BECAUSE OF DIFFERENCES BETWEEN ACTUAL MEASUREMENTS AND THE DIMENSIONS INDICATED ON THE DRAWINGS. ANY DISCREPANCIES OR DIFFERENCES SHALL BE PROMPTLY REPORTED TO THE ARCHITECT OF RECORD IN WRITING PRIOR TO COMPLETING THE AFFECTED WORK.
3. GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL BE RESPONSIBLE FOR ERECTING, MAINTAINING, AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK AS REQUIRED BY LAW.
4. GENERAL CONTRACTOR SHALL ERECT AND MAINTAIN, AS REQUIRED BY EXISTING CONDITIONS AND PROGRESS OF THE WORK, ALL REASONABLE SAFEGUARDS FOR SAFETY AND PROTECTION, INCLUDING POSTING DANGER SIGNS AND OTHER WARNINGS AGAINST HAZARDS, PROMULGATING SAFETY REGULATIONS AND NOTIFYING OWNERS AND USERS OF ADJACENT UTILITIES.
5. GENERAL CONTRACTOR SHALL SUBMIT A CONSTRUCTION SCHEDULE TO OWNER FOR APPROVAL PRIOR TO COMMENCING DEMOLITION AND/OR CONSTRUCTION.
6. ITEMS SHOWN AS BEING REMOVED SHALL BE REMOVED WITH CAUTION. GENERAL CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES WITH DRAWINGS.
7. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION REQUIRED TO ACHIEVE THE LAYOUTS AS SHOWN ON DRAWINGS. GENERAL CONTRACTOR SHALL COORDINATE INFORMATION ON DEMOLITION PLAN WITH GENERAL BUILDING DRAWINGS AND SHALL NOT RELY SOLELY ON DEMOLITION PLAN.
8. REPAIR ALL EXISTING WALLS WHERE DEMOLITION OF EXISTING MATERIALS HAS BEEN REMOVED. AT THESE LOCATIONS PROVIDE UNIFORM SURFACES FOR APPLICATION OF NEW FINISHES.
9. PREPARE ALL EXISTING VERTICAL AND HORIZONTAL SURFACES FOR APPLICATION OF FINISHES. PROVIDE A FREE, SMOOTH, UNIFORM SURFACE.
10. GENERAL CONTRACTOR SHALL PROTECT EXISTING UTILITIES AND SERVICES TO MAINTAIN FULL OPERATION OF RESIDENCE DURING CONSTRUCTION. GENERAL CONTRACTOR SHALL SCHEDULE ANY INTERRUPTION OF UTILITIES WITH OWNER. GENERAL CONTRACTOR SHALL OBTAIN OWNER'S WRITTEN APPROVAL PRIOR TO INTERRUPTION OR DISCONNECTION OF ANY UTILITIES.
11. PROVIDE TEMPORARY WEATHER PROTECTION DURING INTERVAL BETWEEN SELECTIVE DEMOLITION OF EXISTING CONSTRUCTION ON EXTERIOR SURFACES AND NEW CONSTRUCTION, TO PREVENT WATER LEAKAGE AND DAMAGE TO STRUCTURE AND INTERIOR AREAS.
12. PROTECT WALLS, CEILINGS, FLOORS, AND OTHER EXISTING FINISH WORK THAT ARE TO REMAIN OR THAT ARE EXPOSED DURING SELECTIVE DEMOLITION OPERATIONS.
13. COVER AND PROTECT FURNITURE, FURNISHINGS, AND EQUIPMENT THAT HAVE NOT BEEN REMOVED.

FASTENING of FLOOR PANELS

Nail Size	TJI®		Rim Board		TimberStrand® LSL 1½" or wider	Microllam® LVL	Parallam® PSL
	110 & 210	230, 360, 560	1⅛"	1½"			
8d (2½") box	2½"	2"	6"	4"			
8d (2½") common	3½"	2"	6"	4"	3"	3"	3"
10d (3") , 12d (3½") box	3"	2"	6"	4"			
10d (3"), 10d (3½") common	4½"	3"	6"	4"	4"	4"	4"
16d (3½") common	N.A.	4"	10"	6"(1)	6"(1)	8"	6"

(1) Can be reduced to 4" on-center with maximum nail penetration of 1½" into the narrow edge.

- Recommended nailing is 12" on-center in field and 6" on-center along panel edge. Nailing requirements on engineered drawings supersede recommendations listed above.
- Nailing rows must be offset at least ½" and staggered.
- 14 ga. staples may be substituted for 8d (2½") nails if minimum penetration of 1" into the TJI® joist or rim board is achieved.

Farthest On-Center Spacing per Row

Maximum spacing of nails is:

- For joist widths 1¾" or less: 18" on-center
- For joist widths greater than 1¾": 24" on-center

NAILING REQUIREMENTS

TJI® joists at bearings: One 8d (2½") box nail each side. Drive nails at an angle of least 1½" from end.

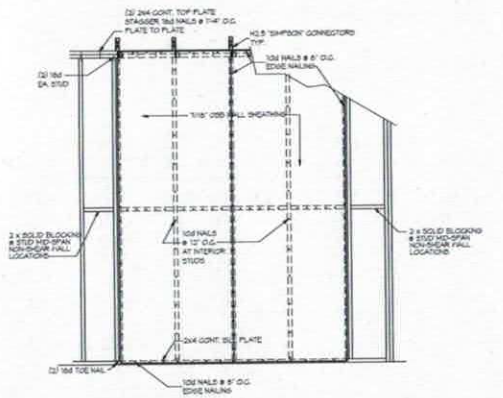
Blocking panels, rim joist or rim board to bearing plies: Toe-blocking panels or rim joist: 10d (3") box nails at 6" o.c. Thru Joist rim board: Toenail with 10d (3") box nails at 6" o.c. or 16d (3½") box nails at 12" o.c.
Shear transfer: Connections equivalent to decking nail schedule.

Rim board, rim joist or closure to TJI® joist:
1½" width or less: One 10d (3") box nail into each, 2½" thru 3½" widths: One 16d (3½") box nail into each flange, 5½" width: One 10d (3") box nails one each side of TJI® joist flange.

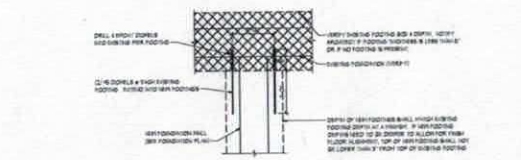
2x8 minimum squash blocks: One 10d (3") box nail into each flange.

STRUCTURAL NOTES

1. THE STRUCTURAL DRAWINGS ARE TO BE USED IN CONJUNCTION AND COORDINATED WITH THE ARCHITECTURAL DRAWINGS AND OTHER DRAWINGS. THE STRUCTURAL DRAWINGS AND NOTES REPRESENT THE FINISHED STRUCTURE AND EXCEPT WHERE SPECIFICALLY SHOWN, DO NOT INDICATE THE METHOD OR MEANS OF CONSTRUCTION. THE GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, AND SEQUENCE. ALL APPLICABLE SAFETY REGULATIONS TO BE FOLLOWED.
2. THE STRUCTURE HAS BEEN DESIGNED TO RESIST DESIGN LOADS ONLY AS A COMPLETED STRUCTURE. APPLICATIONS OF CONSTRUCTION LOADS TO THE PARTIALLY COMPLETED STRUCTURE SHALL BE CONSIDERED BY THE GENERAL CONTRACTOR AND SO INCLUDED IN THE DESIGN OF SHORING, BRACING, FORM WORK, AND ANY OTHER SUPPORTING ELEMENTS PROVIDED FOR CONSTRUCTION OF THE STRUCTURE DURING ERECTION AND UNTIL ALL PERMANENT CONNECTIONS ARE MADE. THE GENERAL CONTRACTOR MUST PROVIDE TEMPORARY BRACING FOR THE STRUCTURE IN ALL DIRECTIONS.
3. THE GENERAL CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND GRADE CONDITIONS, BOTH NEW AND EXISTING. REPORTING ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO PROCEEDING WITH ANY PHASE OF THE WORK.
4. DO NOT PLACE FOOTINGS OR SLABS AGAINST SUBGRADE CONTAINING WATER, FROST OR ICE.
5. ALL FOOTING EXCAVATIONS NOT PLACED WITH CONCRETE ON THE SAME DAY OF EXCAVATION SHALL BE PROTECTED BY A THREE-INCH THICK MUD SLAB OF LEAN (2,000PSI) CONCRETE. WHERE USED, THE CONCRETE MUD SLAB SHALL NOT DECREASE THE FOOTING DEPTH AS SPECIFIED IN THE FOOTING SCHEDULE FOR THE RESPECTIVE FOOTING.
6. UTILITY LINES SHALL NOT BE PLACED THROUGH OR BELOW FOUNDATIONS WITHOUT APPROVAL OF THE ARCHITECT. GENERAL CONTRACTOR SHALL SUBMIT DETAILED DRAWINGS OF ALL SUCH CONDITIONS PRIOR TO CONSTRUCTION.
7. WALL FOOTING REINFORCING SHALL BE CONTINUOUS THROUGH CORNER, PIER, OR PILASTER FOOTINGS.
8. FOR SLABS ON GRADE, SLAB AND GRADE BEAM REINFORCING SHALL BE HELD IN PLACE BY BAR SUPPORTS WITH SAND PLATES, OR PRECAST CONCRETE BAR SUPPORTS AS DESCRIBED IN CHAPTER 3 OF THE CRSI MANUAL OF STANDARD PRACTICE. BAR SUPPORTS SHALL BE SPACED AT A MAXIMUM OF 4'-0" O.C. BOTH WAYS. ROCKS, CHIPS, OR CLAY BRICK SHALL NOT BE USED AS SUPPORTS.
9. REBAR SHALL NOT BE HEATED WITH A TORCH IN THE FIELD.
10. MAINTAIN PROPER SITE DRAINAGE DURING CONSTRUCTION TO ENSURE SURFACE RUNOFF AWAY FROM STRUCTURES AND TO PREVENT PONDING OF SURFACE RUNOFF NEAR THE STRUCTURES.
11. KEEP OPEN EXCAVATIONS AROUND THE BUILDING PERIMETER DRY. BACKFILL AGAINST FOUNDATIONS AND GRADE BEAMS AS SOON AS PRACTICAL. PUMP WATER OUT OF EXCAVATIONS, IF FLOODED PRIOR TO PLACING CONCRETE.
12. AN ASSUMED ALLOWABLE SOIL BEARING PRESSURE OF 3000 PSF WAS USED FOR THE DESIGN OF THE FOUNDATIONS. IF EXISTING CONDITIONS OR TESTS INDICATE THAT THE SOIL IS SOFT OR OTHERWISE UNSUITABLE, CONTACT THE ARCHITECT PRIOR TO PLACING CONCRETE.
13. DESIGN LOADS:
    - 14.1. FLOOR:
      - 14.1.1. LIVE LOAD: 40PSF
      - 14.1.2. DEAD LOAD: 25PSF
    - 14.2. ROOF:
      - 14.2.1. LIVE LOAD: 20PSF
      - 14.2.2. DEAD LOAD: 20PSF
    - 14.3. ATTIC W/ STORAGE:
      - 14.3.1. LIVE LOAD: 20PSF

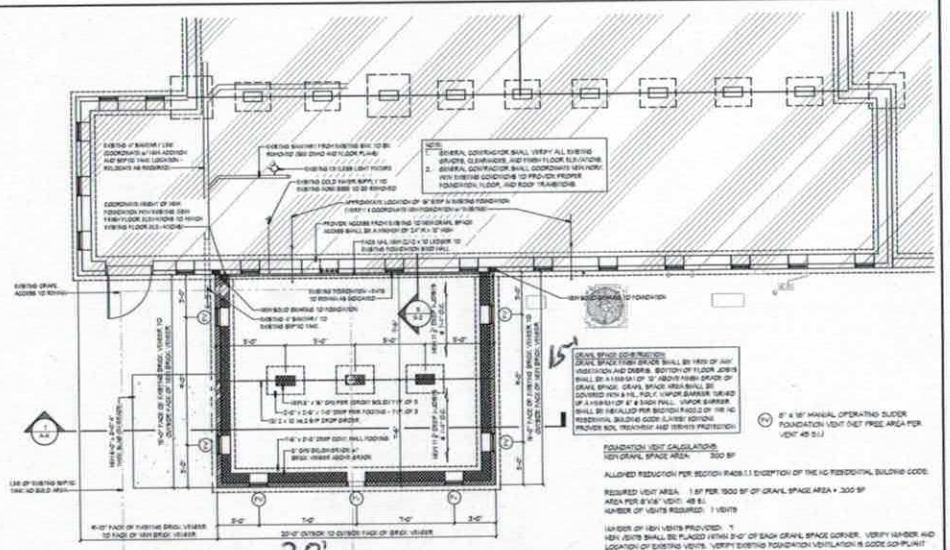


2 / S-3 WALL SHEATHING ATTACHMENT DETAIL
SCALE: 1/2" = 1'-0"



2 / S-1 NEW TO EXISTING FOOTING DETAIL
SCALE: 3/4" = 1'-0"

4 / S-3 FLOOR FRAMING DETAILS



1 / S-1 FOUNDATION PLAN
1/4" = 1'-0"

proximity architecture, pa
600 Brawley School Road, Suite 105
Mooresville, NC 28117 p 980-819-0157
www.proximityarchitecture.com

4.13.19

RENOVATIONS AND ADDITION FOR:
MR. & MRS. RICH SHEPPARD
129 WHEATON LANE
MOORESVILLE, NC 28117

OWNER
MR. & MRS. RICH SHEPPARD
129 WHEATON LANE
MOORESVILLE, NC 28117

ISSUE DATES	
PERMIT SET	4.13.19
FOR CONSTRUCTION	

PROJECT NO.	2019-0001
DRAWN BY:	LSB
CHECKED BY:	LSB

FOUNDATION & ROOF FRAMING PLANS & DETAILS

S-1
SHEET 4 OF 11

RELEASED FOR CONSTRUCTION

IREDELL COUNTY

PO Box 788
349 North Center St.
Statesville, NC 28677

APPLICATION NUMBER
245345
Issue Date: 06/04/2019

ZONING PERMIT

Residential

Parcel Number	Street Address	Jurisdiction
4636226478.000	126 WHEATON LANE, MOORESVILLE, NC	IREDELL COUNTY

Owner Information	Applicant Information
Owner: CAROLINA DEVELOPMENT SERVICES LLC	Applicant: SCHMOLKE CONSTRUCTION
Address: 2627 BREKONRIDGE CENTRE DRIVE	Address: 163 EAST COLD HOLLOW FARMS ROAD
MONROE, NC 28110	MOORESVILLE, NC 28117
Phone:	Phone: 504-388-1994

Use Requested	Zone Code
KITCHEN ADDITION	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
.800	35.00	35.00	15.00	15.00	CACL	X

Remarks:

The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. The applicant further acknowledges that enforcement of deed restrictions, plat conditions and other contractual agreements will not be undertaken by Iredell County and is the sole responsibility of the affected parties.

Applicant: _____ Date: _____

Permit Number	179801	TOTAL FEES:	$ 77.25