ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # 244222

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

PIN # 4649 -10 -1655

APPLICANT/OWNER: Foundation Homes LLC

APPLICANT ADDRESS: 438 Williamsburg Road Mocksville NC 28117

SITE ADDRESS: 209 Hidden Meadows Mooresville NC

PHONE: 704 360-2251 ALT. PHONE

SITE DIRECTIONS: 150W R on Perth R on Hidden Meadows Lot on L

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Hidden Meadows

SECTION: - LOT # 13 LOT AREA: 0.88 Acre

DESIGN FLOW: 480gpd L.T.A.R.: .25

Septic Tank	1000	(gal)	STB	2071	Date	INFILTRATOR	☒ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	
Pump Tank		(gal)	PT		Date		System Description:	25% Gravity			
Pump Make			Model		Serial #		Repair System Description:	50% Gravity			
# Nitrification Fields	1	# Lines	4		Linear Ft	480'	Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	36"	Trench Bottom Depth(Low side)	33		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: Install Drainlines on Contour of land and use Serial distribution. Do not exceed 36"

INITIAL SITE SKETCH

Please See Attached

By Paul Pennington

AS BUILT SKETCH

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

INSTALLED AS PERMITTED

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: Brenda Dysart Date: 11-4-2020

Installed by: SPECIALTY SEPTIC

IMPROVEMENT PERMIT by: Date: 11-2-2020

OPERATION PERMIT by: Bryant Cimbolic Date: 2-9-2021

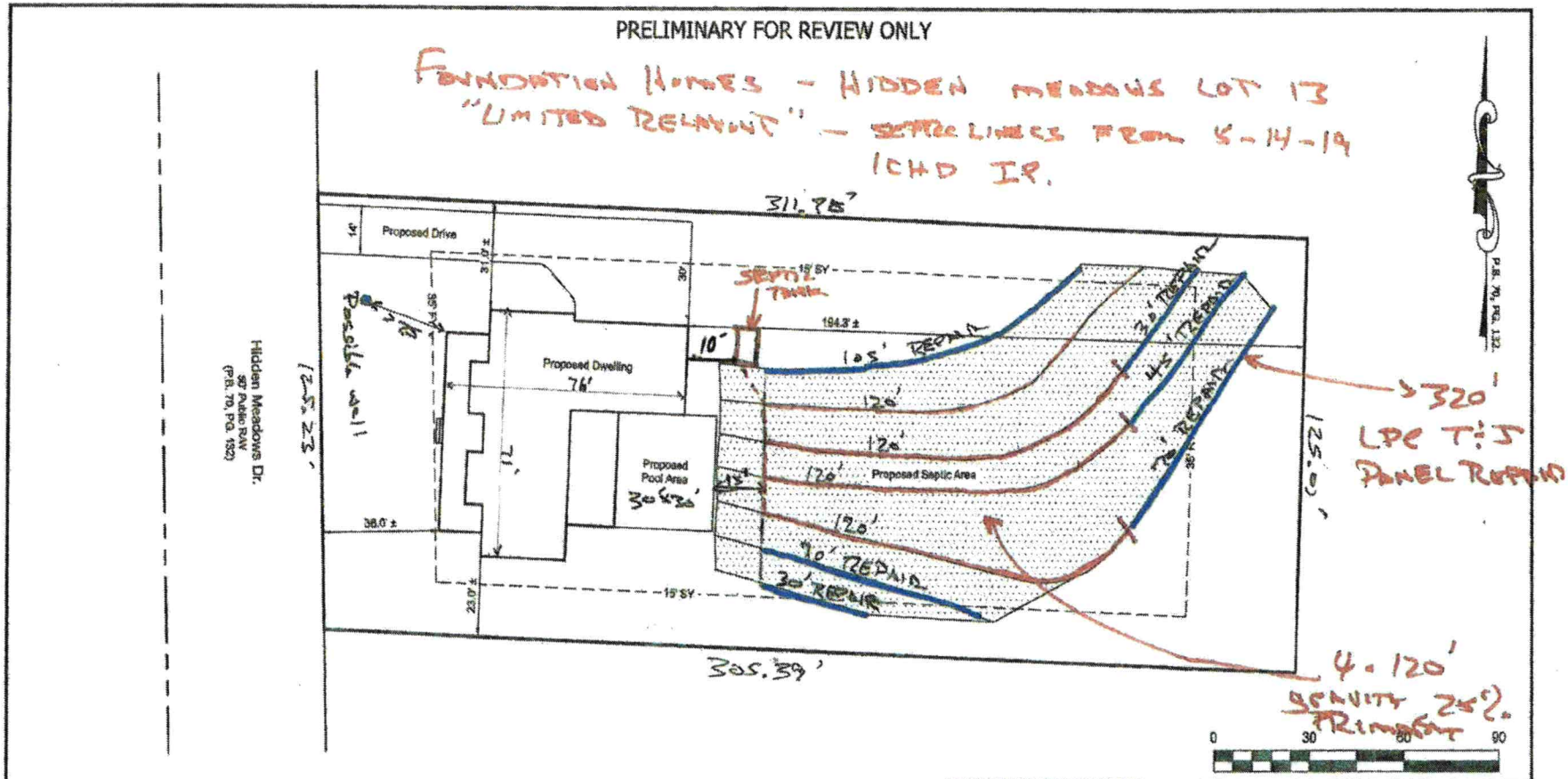
AUTHORIZATION TO CONSTRUCT by: Date: 11-2-2020

Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.

PRELIMINARY FOR REVIEW ONLY

FOUNDATION HOMES - HIDDEN MEADOWS LOT 13
"UNITED RELIANT" - SEPTIC LINES FROM 5-14-19
ICHD IR.



LEGEND	
FY	FRONT YARD SETBACK
RY	REAR YARD SETBACK
SY	SIDE YARD SETBACK
R/W	RIGHT OF WAY
P.B.	PLAT BOOK
PG.	PAGE

NOTES:

LOCATION AND LENGTH OF SEPTIC LINES WERE COMPUTED GRAPHICALLY FROM SEPTIC PERMIT DATED 05/14/19.

REFERENCE:

BEING ALL OF LOT 13 - HIDDEN MEADOWS SUBDIVISION - AS RECORDED IN P.B. 70, PG. 132 - IREDELL COUNTY REGISTRY.

SETBACKS:

PROPERTY ZONED: RA (IREDELL COUNTY)

PROPERTY SUBJECT TO A 35' FRONT YARD (FY), 15' SIDE YARD (SY), & 35' REAR YARD (RY) AS RECORDED IN P.B. 70, PG. 132.

PROPERTY LIES WITHIN THE "WS-IV CA" WATERSHED OVERLAY

THE SUBJECT PROPERTY IS NOT IN A "SPECIAL HAZARD AREA" AS SHOWN ON HUD/FIA FLOOD INSURANCE RATE MAP COMMUNITY PANNEL NUMBER 3710464000J EFFECTIVE DATE 9/18/2008.

JORDAN GRANT
ENGINEERING • SURVEYING • PLANNING
JORDAN GRANT & ASSOCIATES, PLLC
P.O. BOX 151 * STATESVILLE, NC 28687
mattg@jordan-grant.com (704) 928-7919
FIRM # P-1227

Plot Plan For:

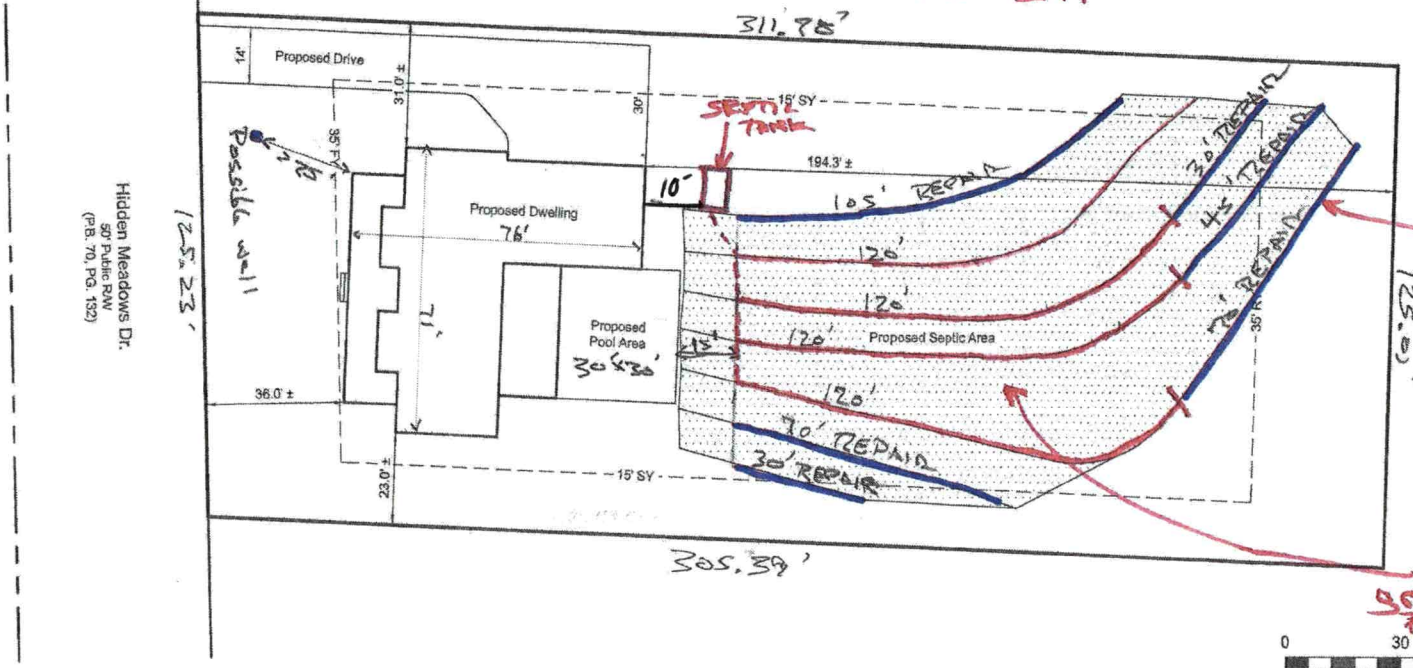
Sarvis

DRAWN BY: JWE	CHECKED BY: MTG
SCALE: 1" = 30'	
DEED REF: 2692 - 1363	PIN NO: 4649-10-1655
DATE OF MAP: 08-25-20	SURVEY DATE:
REVISION:	DRAWING FILE: 20200849

209 Hidden Meadows Dr, Mooresville, NC 28117
Davidson TWSP - Iredell County - North Carolina

PRELIMINARY FOR REVIEW ONLY

FOUNDATION HOMES - HIDDEN MEADOWS LOT 13
"LIMITED REPAIRS" - SEPTIC LINES FROM 5-14-19 ICHD IR.



> 320' LPC T & J PANEL REPAIR

4 - 120' GRAVITY 2 TRENCHES

0 30 60 90

LEGEND	
FY	FRONT YARD SETBACK
RY	REAR YARD SETBACK
SY	SIDE YARD SETBACK
R/W	RIGHT OF WAY
P.B.	PLAT BOOK
PG.	PAGE

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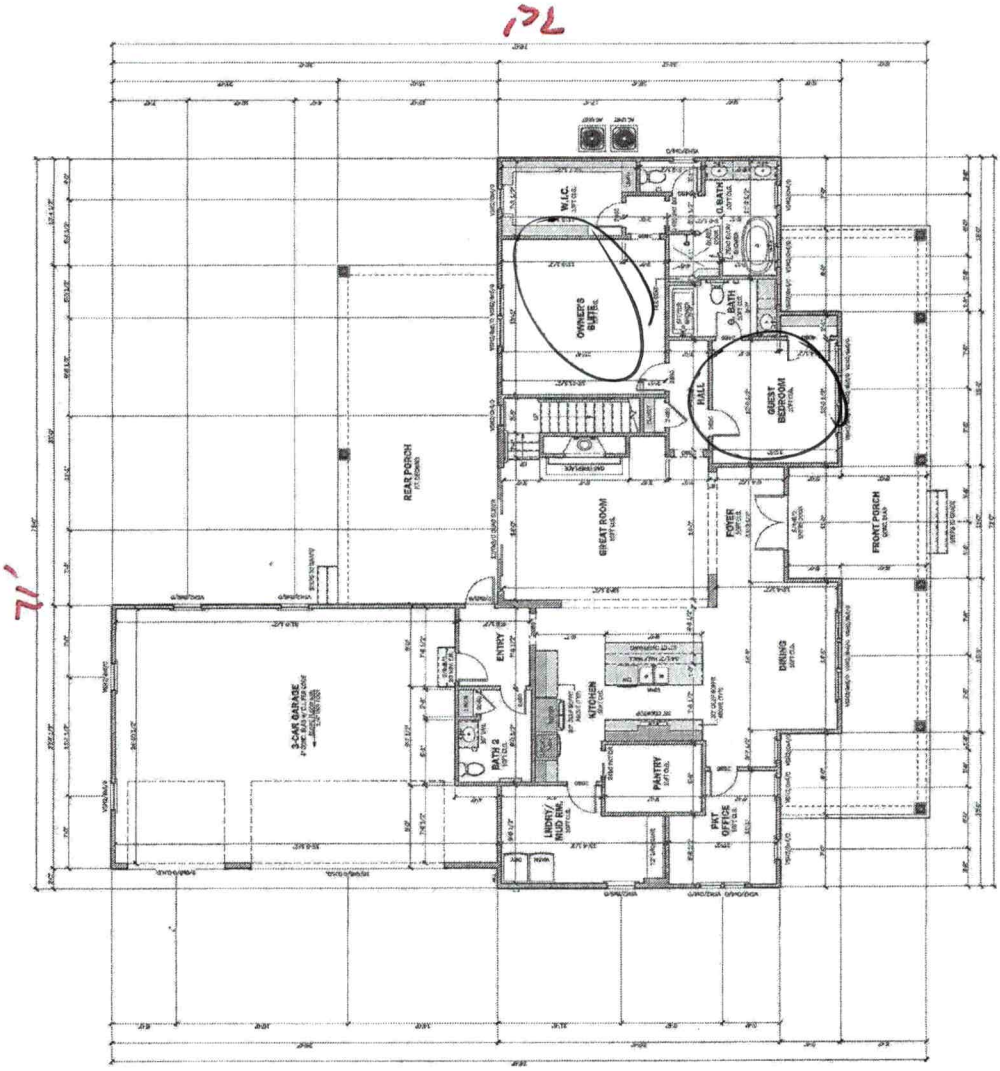
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Plot Plan For:

Sarvis

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DEED REF: 2692 - 1363	PIN NO: 4649-10-1655
DATE OF MAP: 08-25-20	SURVEY DATE:
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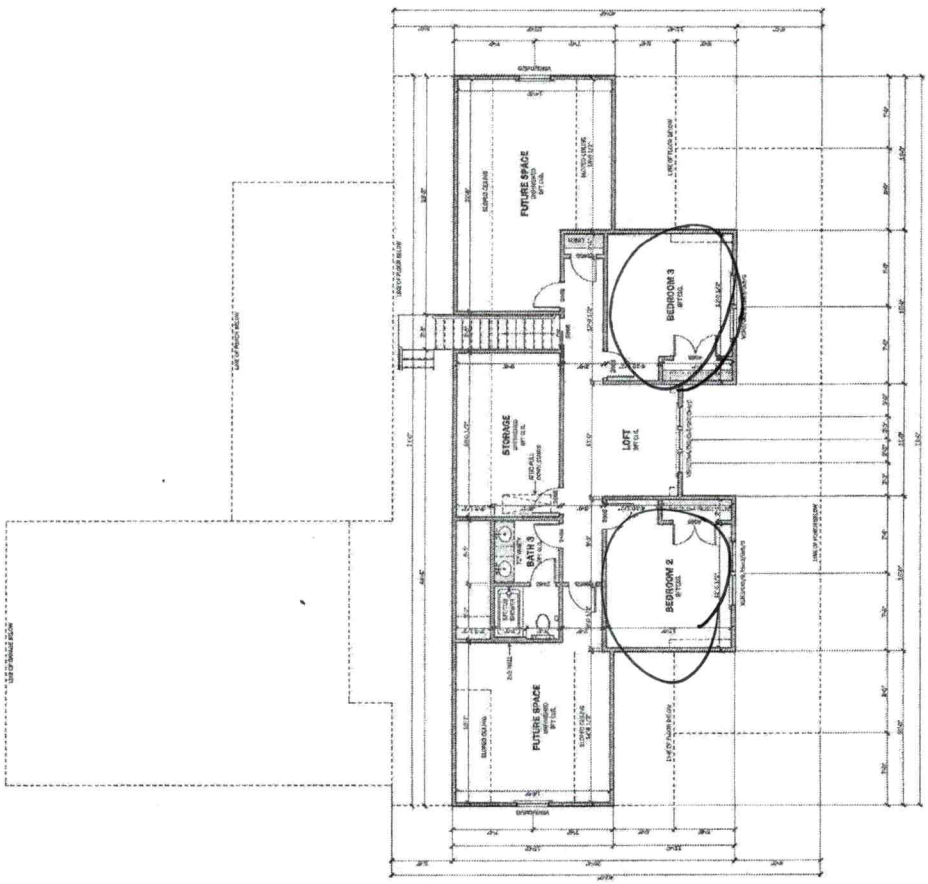
FIRST FLOOR PLAN

A3.0

Acknowledgement Of
Plans Submittal ONLY!

Date 11-2-2020

Date

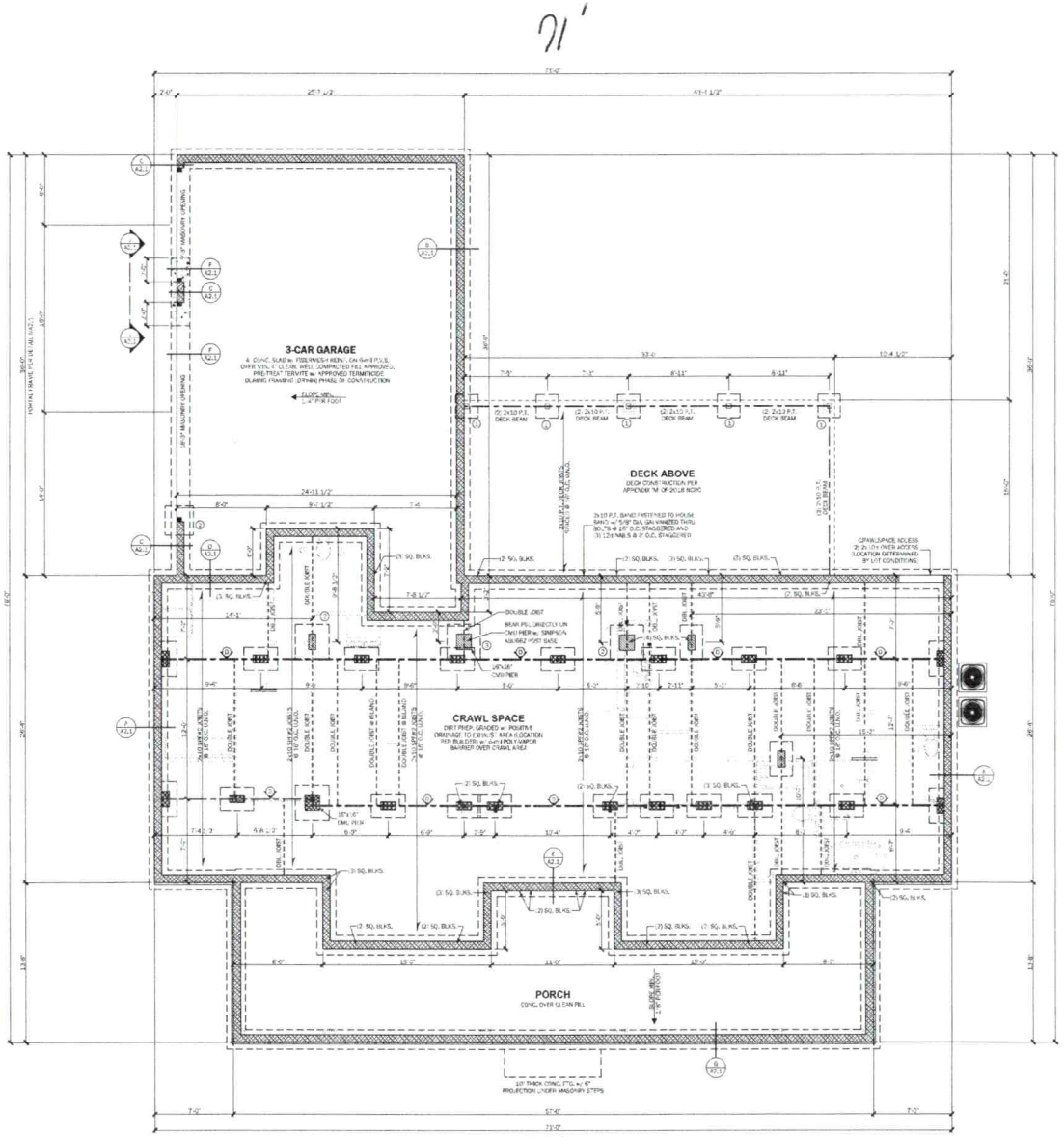


SECOND FLOOR PLAN

Acknowledgement Of Plans Submittal ONLY!

Date 11-2-2020

Date



FOUNDATION PLAN — CRAWL SPACE

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

CRAWL FRAME NOTES

1. "DBL" INDICATES DOUBLE JOIST
2. RIM BOARDS OR BANDS PARALLEL TO FLOOR FRAMING ARE TO BE DOUBLED.
3. WHERE DIMENSIONS ARE NOT INDICATED, BEAMS THAT RUN PARALLEL TO FLOOR JOISTS ARE INTENDED TO ALIGN UNDER LOAD BEARING WALLS. SEE THE ARCHITECTURAL PLANS FOR DIMENSIONS TO WALLS.
4. WOOD BEAMS (2 OR MORE PLIES) SHALL BE SUPPORTED BY METAL HANGERS OF ADEQUATE CAPACITY WHERE FRAMING INTO BEAMS OR LEDGERS. THE FOLLOWING HANGER SCHEDULE MAY BE USED UNLESS NOTED OTHERWISE ON THE PLAN.

MEMBER SIZE	SIMPSON HANGERS
(2) 2X8	LUS 28-2
(2) 2X10	LUS 210-2
(2) 2X12	LUS 212-2
(2) 1¼" X 9 1/4" LVL	HHR 410
(2) 1¼" X 11 7/8" LVL	HUS 410
(2) 1¼" X 14" LVL	HUS 412
ALL TRIPLE LVLs	HHUS 5.50/10

5. NOTE: FILL ALL OF THE HOLES IN HANGERS WITH 16d x 3½" COMMON NAILS (3½" x 0.162" OR 16d x 2½" (3 1/2" x 0.148" NAILS UNLESS OTHERWISE SPECIFIED BY THE MANUFACTURER. DO NOT BEND OR MODIFY THE HANGER OR USE INAPPROPRIATE FASTENERS. DO NOT USE 16d x 1½" "HANGER NAILS" UNLESS OTHERWISE NOTED ON THE PLANS OR IN SITUATIONS WHERE ONLY "1/4" OR LESS" OF WOOD IS PROVIDED TO NAIL INTO.
6. "LVL" AND GLULAM BEAMS MUST HAVE ENOUGH STUDS TO SUPPORT ALL PLIES AT EACH END WITH A MINIMUM OF (3)+2X4 OR (2)+2X6 SQUASH BLOCKS UNDER EACH END UNLESS NOTED OTHERWISE.
7. ALL POINT LOADS FROM ROOF BRACES, JACK STUDS, BEAM SUPPORTS -WHETHER WOOD OR STEEL- CANNOT BEAR ON SHEATHING ALONE. BLOCKING EQUAL TO OR BETTER THAN THE POINT LOAD SUPPORTS ABOVE MUST BE CARRIED THROUGH ALL CONSTRUCTION TO THE FOUNDATION. INSTALL 2X4 SQUASH BLOCKS (LBL) OF EQUAL NUMBER TO COLUMN ABOVE, BETWEEN SUBFLOOR AND FOUNDATION WALL OR LOWER PLATE. RIM BOARDS AND A JOIST BLOCKING SHALL NOT BE CONSIDERED AS AN ACCEPTABLE MEANS OF SUPPORT UNDER CONCENTRATE POINT LOADS FROM LVL AND STEEL BEAMS OR WHERE "S.S." IS INDICATED ON THE PLAN.
8. FRAMER SHOULD MAKE EVERY EFFORT TO STAGGER SEAMS OF PLYWOOD SUBFLOOR A MINIMUM OF 16" AWAY FROM JOIST SPLICES AT FLUSH AND DROPPED GIRDERS IN AREAS WHERE HARDWOOD FLOORING IS TO BE USED

CRAWL SPACE NOTES

FOUNDATION NOTES FOR NEW FOUNDATION

1. ALL NEW PERIMETER WALL FOOTINGS SHALL BE CONTINUOUS 20"x10" MINIMUM - 3000 PSI CONCRETE U.N.O.
2. ALL NEW INTERIOR PIERS ARE 16"x 16" CMU WITH 24"X32"38" FOOTINGS U.N.O. FULLY GROUT PIERS - 12" TALL, UNLESS OTHERWISE NOTED.
3. "SLAB ON GRADE" SHALL CONSIST OF 4" THICK, 3000 PSI CONCRETE WITH FIBERMESH REINFORCEMENT OR 6X6 W1.4/W1.4 WWF, OVER 6 MIL VAPOR BARRIER, OVER 4" CLEAN STONE & OVER COMPACTED FILL. IN GARAGES AND DRIVEWAYS INSTALL TOOLED CONTROL JOINTS NO GREATER THAN 15 FEET IN EACH DIRECTION.
4. ALL SOILS AND FILL UNDER FLOORS WITHIN AND/OR UNDER BUILDINGS SHALL HAVE PRE-CONSTRUCTION SOIL TREATMENT FOR PROTECTION AGAINST TERMITES. CERTIFICATION OF COMPLIANCE SHALL BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY.
5. SHIMS USED BETWEEN MASONRY PIERS AND WOOD GIRDERS SHALL CONSIST OF EITHER SOLID WOOD OR MULTIPLE STEEL SHIMS EQUAL IN WIDTH TO THE GIRDER AND FULLY CONTACT AT LEAST 6" THE LENGTH OF THE PIER.
6. IF DOUBLE 2-2X10 RIM BAND IS USED THEN SQUASH BLOCKS ARE NOT REQUIRED ALONG PERIMETER WALLS.
7. ALL JOIST AND GIRDER FRAMING IS SPF#2

FOOTING SCHEDULE

ID	FOOTING SIZE	REINFORCING
1	24" x24"x 12" DEEP	3 - #4's EACH DIRECTION
2	30"x30"x 12" DEEP	4 - #4's EACH DIRECTION
3	36"x36"x 12" DEEP	4 - #4's EACH DIRECTION
4	42"x42"x 12" DEEP	5 - #4's EACH DIRECTION
5	48"x48"x 12" DEEP	6 - #4's EACH DIRECTION

DROPPED PIER — ALL PIERS TO BE 8"x 16" CMU ON 24" x 32" x 8" DEEP CONC. FOOTING

FLUSH PIER

(D) (3) 2x10 SYP#1 OR SPF#2 GIRDER (DROPPED)

(F) (3) 2x10 SYP#1 OR SPF#2 GIRDER (FLUSH)

FOUNDATION NOTES
1. ALL DIMENSIONS SHALL BE VERIFIED AGAINST ARCHITECTURAL FLOOR PLANS FOR ACCURACY.
2. TRANSFER ALL POINT LOADS FROM FIRST AND SECOND FLOOR TO BEAM AND ROOF TRUSS BEARING ABOVE FOUNDATION WITH EQUAL AMOUNT OF STUDS.
3. ALL CONCRETE TO BE A MIN. OF 3,000 PSI U.N.O.
4. SOIL TO HAVE A MIN. OF 2,000 PSF BEARING CAPACITY

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704-360-7331
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Township/County: TOWNSHIP COUNTY

Engineer: IDE INTELLIGENT DESIGN ENGINEERING
INTELLIGENT DESIGN ENGINEERING
1960 J N PIERCE PLACE, #250
CHARLOTTE, NC 28262
CHAD RITTER, P.E.
CORPORATE LIC. #C-3116
704-579-7290

Stamp/Seal

Project/Owner/Owner: CUSTOM / KYAL RONNIE FRAMES
HIDDEN MEADOWS - LOT 13
209 HIDDEN MEADOWS DR, MOORESVILLE, NC 28117

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Date: 6/21/2020

Drawn By: RES

Reviewed By: —

Plot Set Scale: 30x42 sheet (E1) 1/4" = 1'-0" ; 11x17 sheet NOT TO SCALE

Project Plan Code: —

Drawing Set: NOT FOR CONSTRUCTION

Sheet Title Description: FOUNDATION PLAN

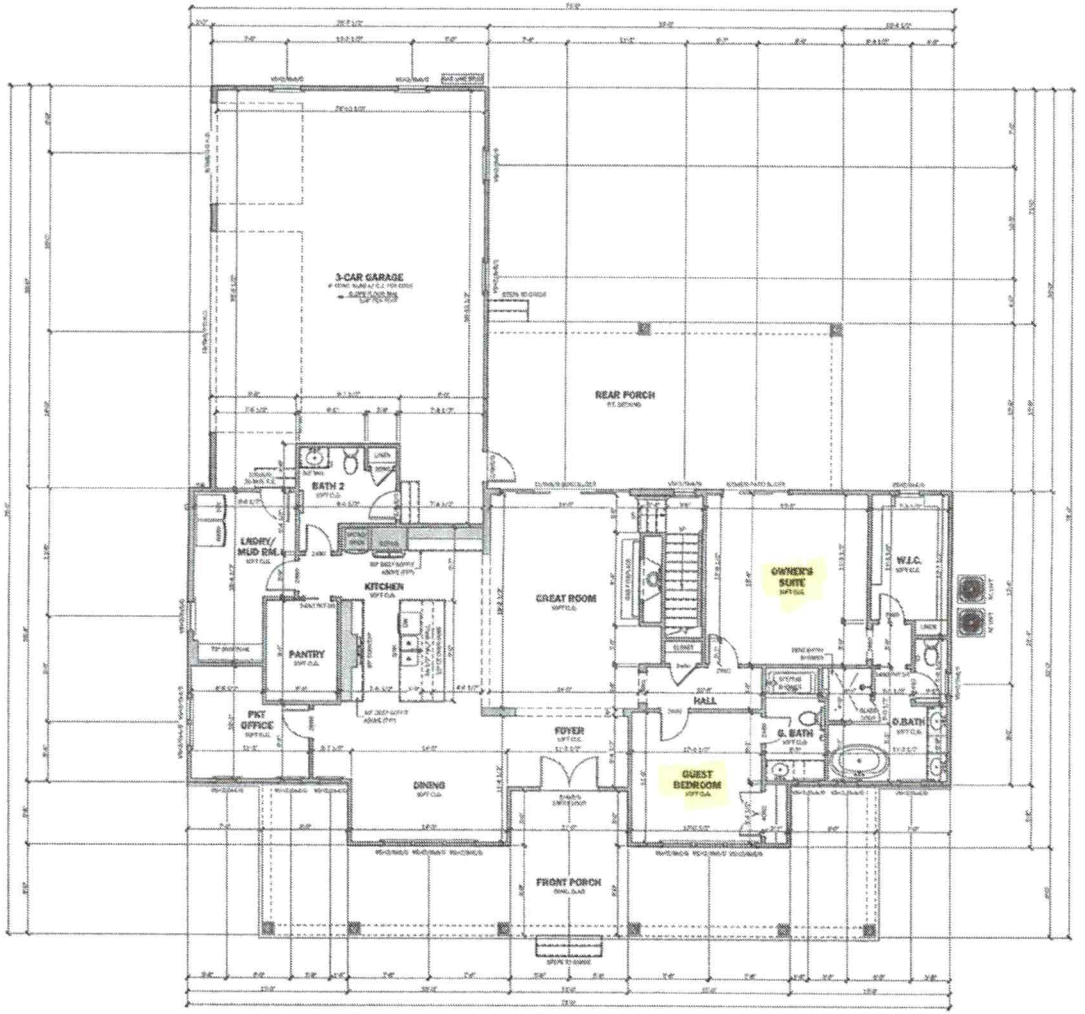
Sheet Number: **A2.0**

Master Plan Version: v1.0

209 Hidden Meadows.

71'

76'

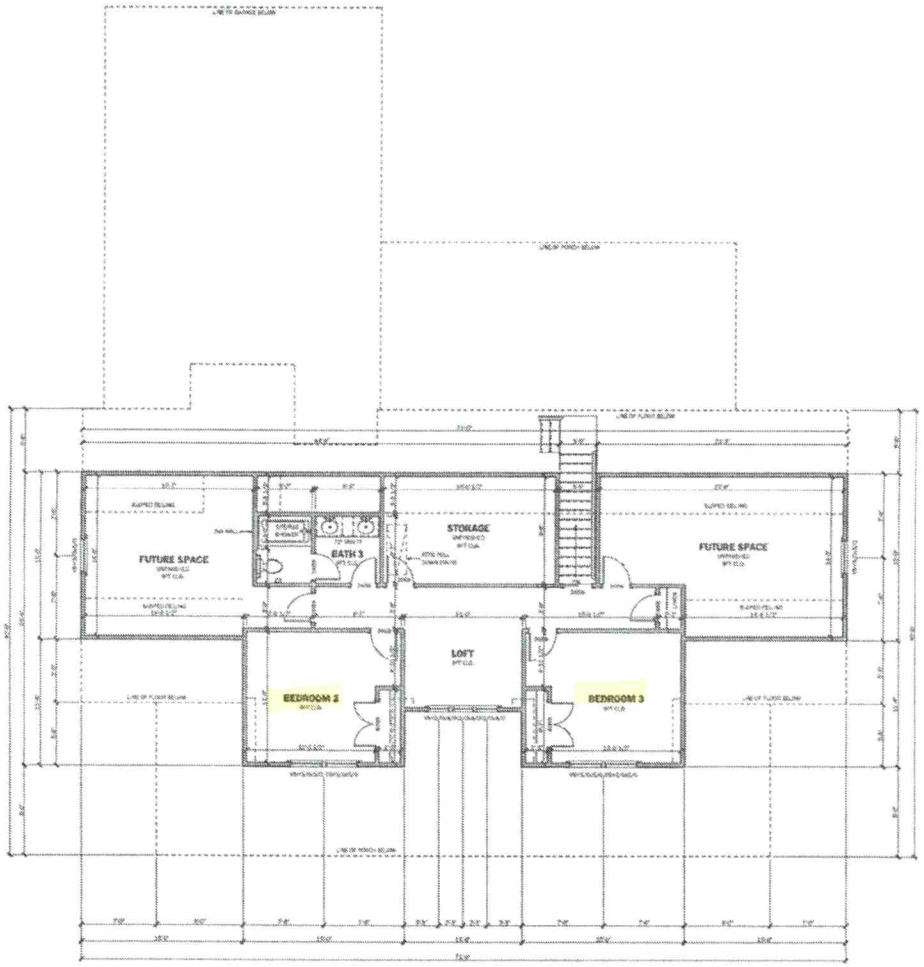


76'

71'

FIRST FLOOR PLAN

A3.0



SECOND FLOOR PLAN

A4.0