ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # OSWP AP 2022-11293

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

PIN # 4679 -- 31 -- 4322

APPLICANT/OWNER: Demetrius Colombero

APPLICANT ADDRESS: 759 Concord Pkwy N Ste 20 Concord NC 28027

SITE ADDRESS: 181 Savannah Crossing Dr. Mooresville NC 28115

PHONE: 704 701 6136

ALT. PHONE -

SITE DIRECTIONS: W PARK AVE - (R) WIGGINS RD - (R) SAVANNAH CROSSING

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Kerr Plantation

SECTION: — LOT # 11 LOT AREA: 2.96 AC

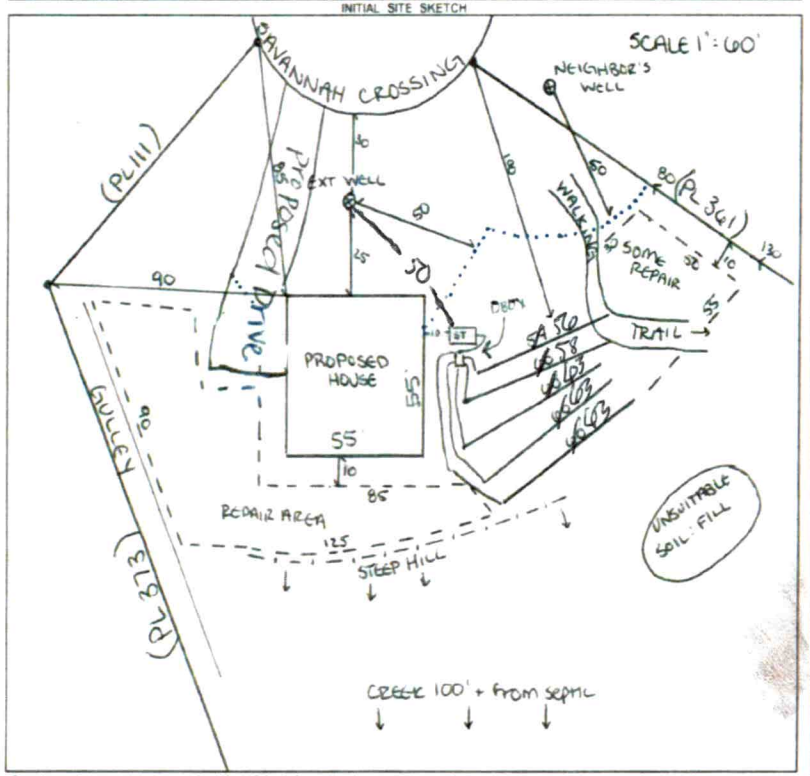
DESIGN FLOW: 480 GPD L.T.A.R. 0.275

Septic Tank	1000	(gal)	STB	760	Date	5/16/23	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	
Pump Tank		(gal)	PT		Date		System Description:	50% Reduction HPPBPS			
Pump Make			Model		Serial #		Repair System Description:	50% Reduction HPPBPS			
# Nitrification Fields	1		# Lines	5	Linear Ft	294'	Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	36"		Trench Bottom Depth(Low side)		30"		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: Keep plumbing as shallow as possible to achieve gravity distribution. Keep supply lines 10' off house

INITIAL SITE SKETCH



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.

..... 50 ft well radius

* Fill gulley + Keep 2' off for REPAIRS ONLY

Installed as Drawn

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: online Date: 12/12/22

Installed by: Alan Hoke

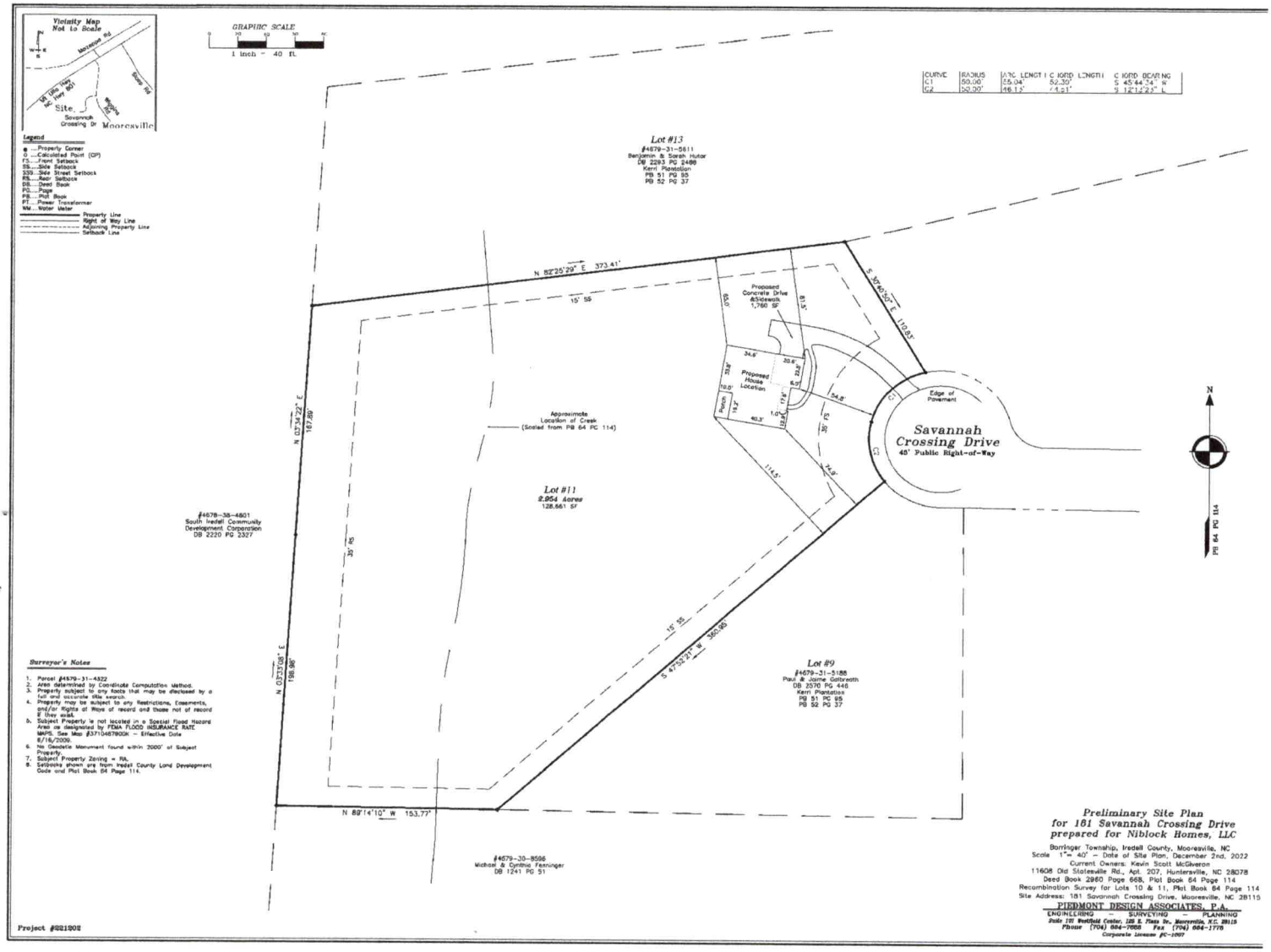
IMPROVEMENT PERMIT by: Sydney Holland Date: 1/31/23

OPERATION PERMIT by: Cory Hill Date: 7/27/23

AUTHORIZATION TO CONSTRUCT by: Sydney Holland Date: 1/31/23

Existing System Inspected by: Date:

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



Surveyor's Notes

1. Parcel #4679-31-4322
2. Area determined by Coordinate Computation Method.
3. Property subject to any facts that may be disclosed by a full and accurate title search.
4. Property may be subject to any Restrictions, Easements, and/or Rights of Ways of record and those not of record if they exist.
5. Subject Property is not located in a Special Flood Hazard Area as designated by FEMA FLOOD INSURANCE RATE MAPS. See Map #3710457800K - Effective Date 8/16/2009.
6. No Geodetic Monument found within 2000' of Subject Property.
7. Subject Property Zoning = RA.
8. Setbacks shown are from Iredell County Land Development Code and Plat Book 64 Page 114.

Preliminary Site Plan
for 181 Savannah Crossing Drive
prepared for Niblock Homes, LLC

Barringer Township, Iredell County, Mooresville, NC
Scale 1" = 40' – Date of Site Plan, December 2nd, 2022
Current Owners: Kevin Scott McGiveron
11606 Old Statesville Rd., Apt. 207, Huntersville, NC 28078
Deed Book 2960 Page 668, Plat Book 64 Page 114
Recombination Survey for Lots 10 & 11, Plat Book 64 Page 114
Site Address: 181 Savannah Crossing Drive, Mooresville, NC 28115

PIEDMONT DESIGN ASSOCIATES, P.A.
ENGINEERING – SURVEYING – PLANNING
Suite 101 Westfield Center, 125 E. Plaza Dr. Mooresville, N.C. 28115
Phone (704) 664-7888 Fax (704) 664-1776
Corporate License #C-1907

Project #221202

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)			EXP (Expansive)	M (Massive)
D (Drainage Way)						CR (Crumb)
DS (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
FP (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
FS (Foot Slope)						ABK (Angular Blocky)
H (Head Slope)	III	Si (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SiCL (Silty Clay Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SCL (Sandy Clay Loam)			**MOIST**	**WET**
S (Shoulder Slope)		SiL (Silt Loam)				
T (Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SiC (Silty Clay)			FI (Firm)	S (Sticky)
		C (Clay)			VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None	None	EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

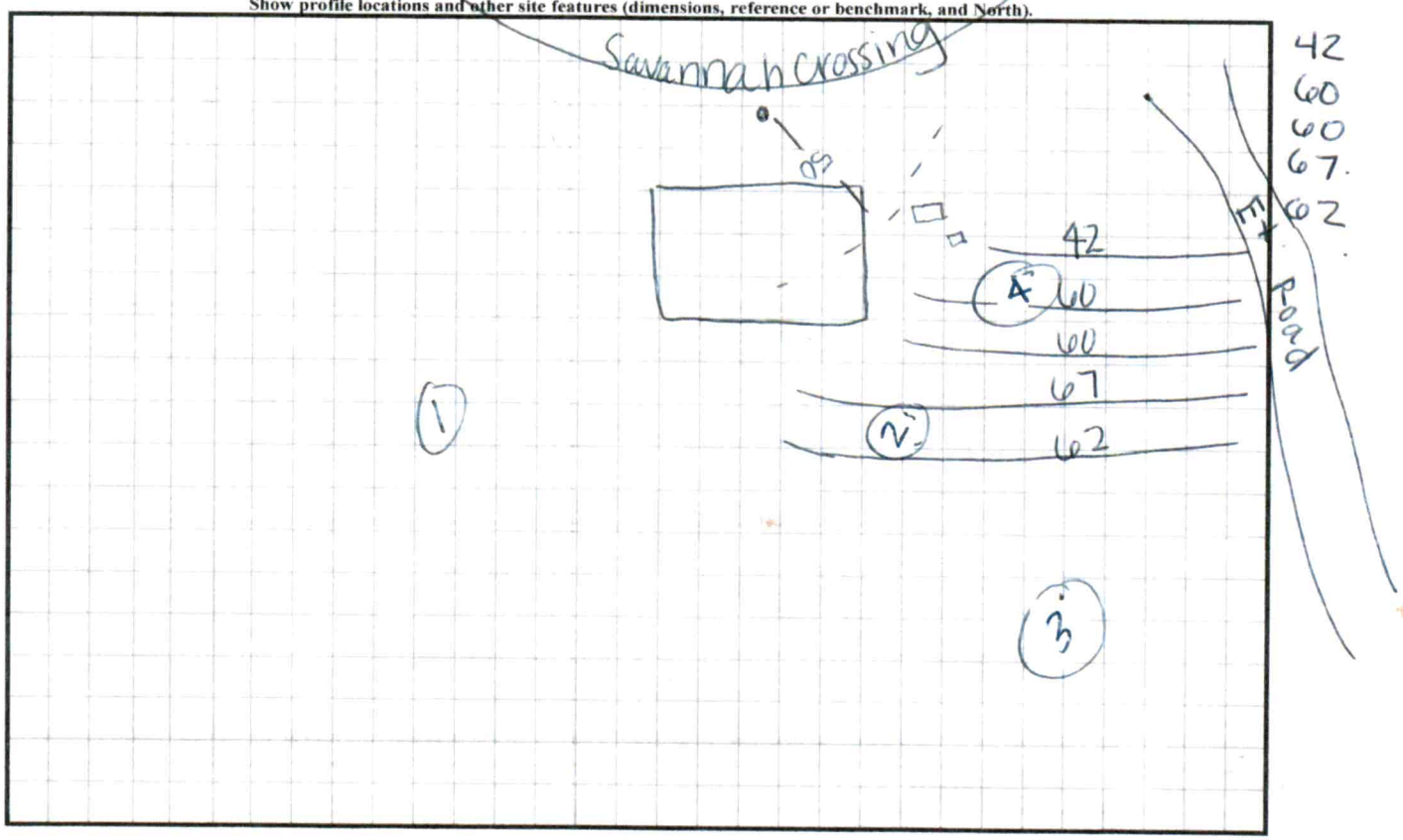
NOTES

HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft²

Show profile locations and other site features (dimensions, reference or benchmark, and North).



DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

Sheet 1 of ___
PROPERTY ID #: 4679314322
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
(Complete all fields in full)

OWNER: Kevin McGiveron — APPLICATION DATE 12/12/23
ADDRESS: 759 Concord Parkway, N. Ste. 20 28027 — DATE EVALUATED: 11/23/23
PROPOSED FACILITY: 4BR — PROPOSED DESIGN FLOW (.1949): 480 gpd — PROPERTY SIZE: 2.96
LOCATION OF SITE: 181 Savannah Crossing, Mooresville 28115 — PROPERTY RECORDED: yes
WATER SUPPLY: ☑ Private ☐ Public ☐ Well ☐ Spring ☐ Other Existing
EVALUATION METHOD: ☐ Auger Boring ☑ Pit ☐ Cut — TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

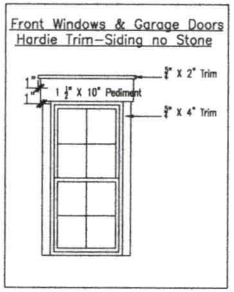
PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	B (5SC)	0-7	SCL 1SBK	SS-SP-FR-SEXP	2.5Y6/4 @ 33"+ [Most Res.] 2.5Y8/3 @ 31"+	48"	—	—	PS .275
		7-24	C 1SBK	↓					
		24-48	CL 1SBK						
2		0-12	FILL	MIXED	—	48"	—	—	PS .275
		12-26	C 1SBK	S-P-FR-SEXP					
		26-48	CL 1SBK	SS-SP-FR-SEXP					
3		0-30	FILL	Mixed	Gley 1 7/10Y @ 17"+	U	—	—	U
		30-54	Gley	S-P-Exp					
4		0-18	SC/ SBK	SS-SP-FR-SEXP	2.5Y6/4 @ 39"+				PS 0.275
		18-54	C/ SBK-ABK	↓					

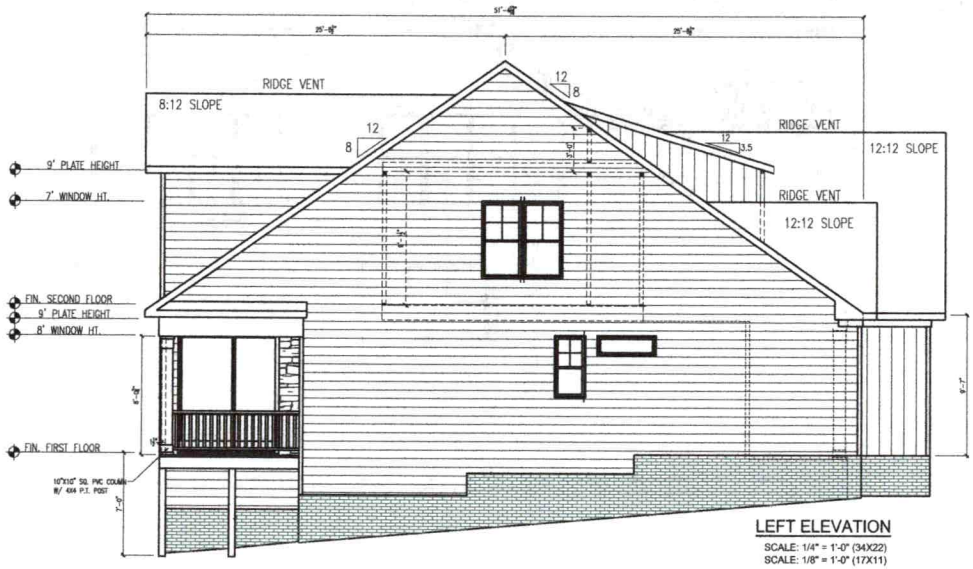
DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	291'	291'
System Type(s)	50%	50%
Site LTAR	.275	.275

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: S. Holland
OTHER(S) PRESENT: S. Bracken

COMMENTS: ___

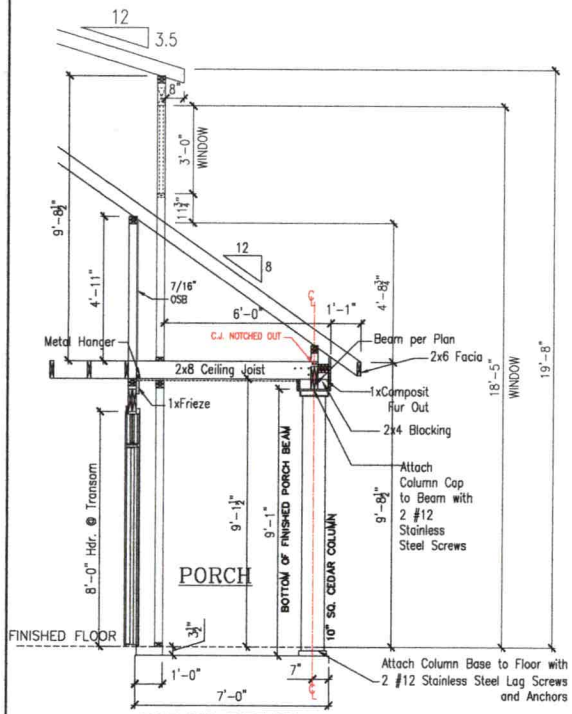
Updated February 2014



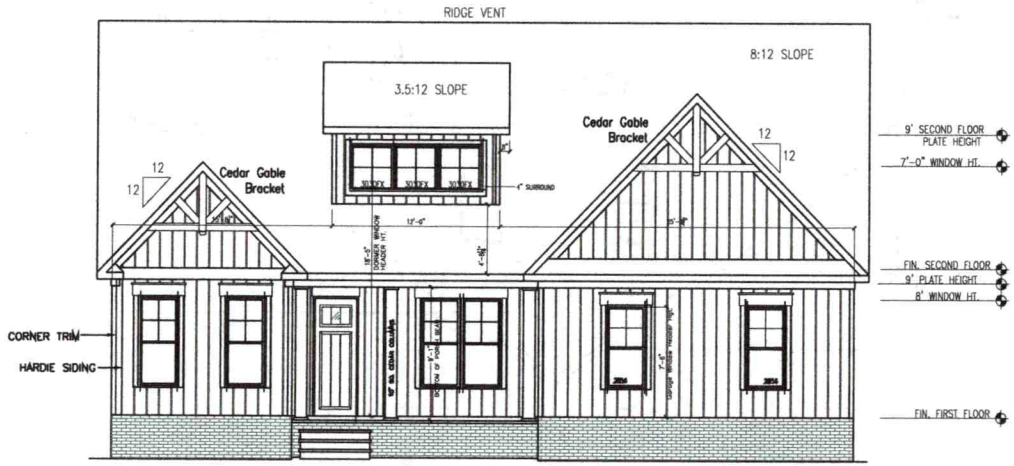


LEFT ELEVATION
SCALE: 1/4" = 1'-0" (34X22)
SCALE: 1/8" = 1'-0" (17X11)

Windows:Chestnut Bronze Exterior / White Interior



PORCH DETAIL
(10" Square Column)



FRONT ELEVATION-B
SCALE: 1/4" = 1'-0" (34X22)

REVISION DATES:

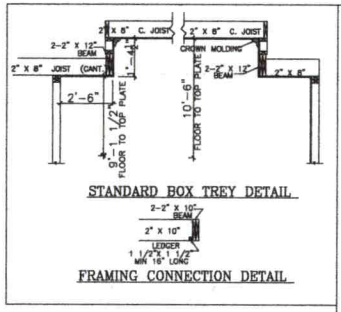
BLOCK HOMES
759 Concord Parkway North
Concord, NC 28027
OFFICE (704) 788-4818
FAX (704) 784-3720

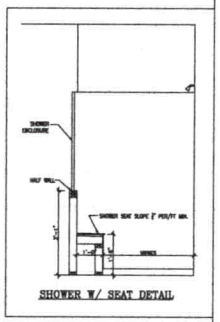
181 Savannah Crossing
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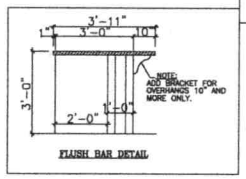
FRONT & LEFT SIDE ELEVATIONS

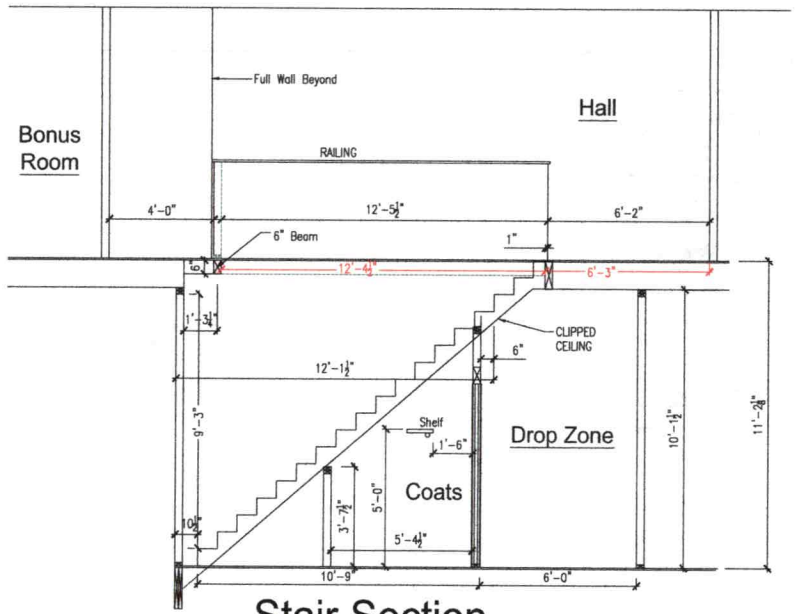
DATE: 10/18/2022
PLAN: HARPER–B

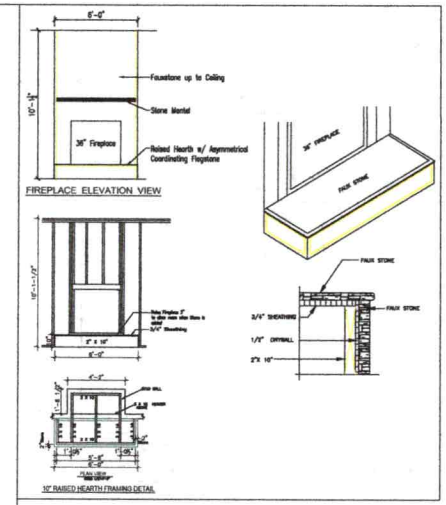
DRAWN BY: BL
ESTIMATED BY: AK
CHECKED BY: MN

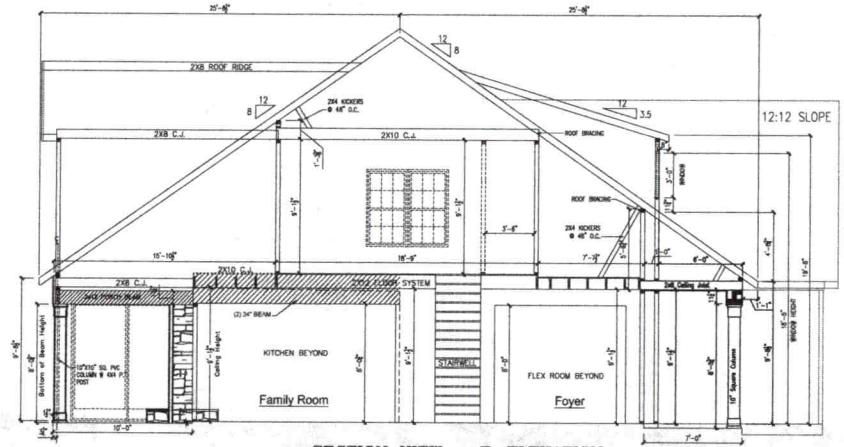












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DETAILS
SCALE: 1/4" = 1'-0" (34X22)
SCALE: 1/8" = 1'-0" (17X11)

DATE: 10/18/2022
PLAN: HARPER-B

DRAWN BY: BL
ESTIMATED BY: AK
CHECKED BY: MN

REVISION DATES:

FOUNDATION VENTILATION CALCULATIONS:

CRAWL SPACE AREA =2001 S.F.

TOTAL AREA OF 8" X 16" VENT = 128 S.I. = .89 S.F.
CALCULATIONS: ASSUMED NET FREE AREA = .64 S.F. PER VENT.
TOTAL S.F. OF VENTILATION NEEDED = 2001 DIMDED BY 150 = 13.34 S.F.
TOTAL 8"X16" FOUNDATION VENTS NEED AT .64 S.F. PER VENT = 9 FOUNDATION VENTS.

NOTE: ONE SUCH VENTILATING OPENING SHALL BE WITHIN 3 FEET OF EACH CORNER OF SAID BUILDING.

FOUNDATION NOTES:

1. TYPICAL PERIMETER FOUNDATION WALLS TO BE CONTINUOUS 4" BRICK VENEER AND 4" CMU UNLESS OTHERWISE NOTED. PERIMETER WALL FOOTINGS SHALL BE CONTINUOUS 18"x10" MINIMUM, 3000 PSI CONCRETE U.N.O.
2. SUPPORT ALL MASONRY STEPS OVER 8" THICK CONC. FOOTING WITH 6" PROJECTION FROM MASONRY.
3. BEARING CAPACITY OF SOIL IS ASSUMED TO BE 2000 PSF.
4. SIZE OF INTERIOR CMU PIERS DEPEND ON HEIGHT AND LOADING. UNLESS OTHERWISE NOTED AS LARGER, CMU PIERS SHALL BE:

PIER	FILL	MAX. HEIGHT	CONCRETE PTG
8x16	HOLLOW	32"	24"x36"x10"
8x16	GROUTED	80"	24"x36"x10"
12x16	HOLLOW	48"	24"x36"x10"
12x16	GROUTED	120"	36"x36"x10"
16x16	HOLLOW	64"	36"x36"x10"
16x16	GROUTED	160"	36"x36"x10"

*ALL HOLLOW PIERS AND WALLS TO HAVE TOP 8" GROUTED.

5. DROP HEIGHT OF SHADED PIERS 8" (MIN.) UNLESS OTHERWISE NOTED
6. SLAB – SLAB ON GRADE SHALL CONSIST OF 4" THICK, 3000 PSI CONCRETE WITH FIBERMESH REINFORCEMENT OR 6X6 W1.4XW1.4 WWF. OVER 6 MIL VAPOR BARRIER OVER 4" CLEAN STONE OVER COMPACTED FILL IN GARAGES AND DRIVEWAYS INSTALL TOOTHED CONTROL JOINTS NO GREATER THAN 12 FEET IN EACH DIRECTION.
7. SHIMS USED BETWEEN MASONRY PIERS AND WOOD GIRDERS SHALL CONSIST OF EITHER SOLID WOOD OR A MINIMUM OF TWO STACKS OF STEEL SHIMS EQUAL IN WIDTH TO THE GIRDER AND FULLY CONTACT AT LEAST 6" THE LENGTH OF THE PIER.

FOOTING SCHEDULE:

F1.5: 18"X18"X8"
F2: 24"X24"X8"
F2.5: 30"X30"X12"
F3: 36"X36"X12" WITH 4 #4 BARS EACH WAY
F3.5: 42"X42"X12" WITH 5 #4 BARS EACH WAY.
F4: 48"X48"X12" WITH 6 #4 BARS EACH WAY.

CRAWLSPACE FRAMING NOTES:

1. "DBL" INDICATES DOUBLE JOIST. DBL JOISTS CAN BE SEPARATED BY UP TO ½" TO ALLOW OF PASSAGE OF PLUMBING PIPES AND ELECTRICAL WIRES.
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.
8. WOOD BEAMS 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: (HANGERS WITH EQUIVALENT CAPACITIES TO THOSE LISTED BELOW ARE ALSO ACCEPTABLE)

MEMBER SIZE	SIMPSON HANGERS
(2) 2X8	LUS 28-2
(2) 2X10, (2) 2X12	LUS 210-2
(3) 2X10, (3) 2X12	LUS 210-3
(2) 1¾" X 9¼" LVL	HUS 410

9. NOTE: FILL ALL OF THE HOLES IN BEAM HANGERS WITH 10d x 3" COMMON NAILS (.148" x 0.162") OR 16d x 3½" (.135" x 0.162") NAILS UNLESS OTHERWISE SPECIFIED BY THE MANUFACTURER. DO NOT BEND OR MODIFY THE HANGER OR USE INAPPROPRIATE FASTENERS. DO NOT USE 16d x 3½" "HANGER NAILS" UNLESS OTHERWISE NOTED ON THE PLANS OR IN SITUATIONS WHERE ONLY 1½" OR LESS OF WOOD IS PROVIDED TO NAIL INTO.
10. ALL POINT LOADS FROM ROOF BRACES, JACK STUDS, BEAM SUPPORTS CANNOT BEAR ON SHEATHING ALONE. BLOCKING EQUAL TO THE POINT LOAD SUPPORTS ABOVE MUST BE CARRIED THROUGH ALL CONSTRUCTION TO THE FOUNDATION. INSTALL 2X4 SQUASH BLOCKS (SB.) OF EQUAL NUMBER TO STUDS ABOVE BETWEEN SUBFLOOR AND FOUNDATION WALL OR LOWER PLATE. RIM BOARDS AND I-JOIST BLOCKING SHALL NOT BE CONSIDERED AS AN ACCEPTABLE MEANS OF SUPPORT UNDER POINT LOADS FROM LVL AND STEEL BEAMS OR WHERE "SJB" IS INDICATED ON THE PLAN.
11. 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.

PLAN LEGEND:

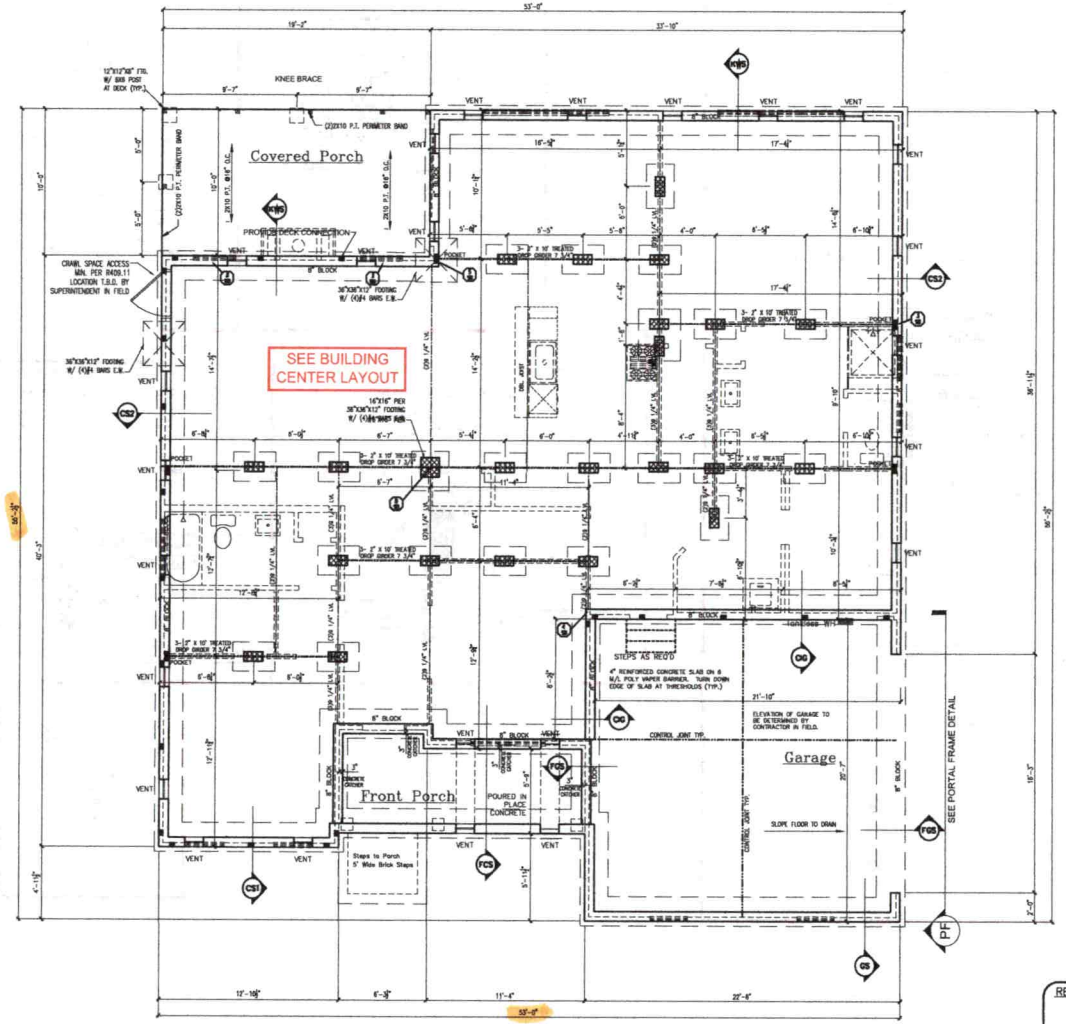
6x6 POST – 6x6 PT POST WITH TWO SIMPSON LCE4 CAPS AT CORNER POSTS AND TWO SIMPSON ACB CAPS AT INTERMEDIATE POSTS (BLOCK AS NEEDED). SECURE WITH SIMPSON ABW66Z BASE WITH ½"Ø x6" TITEN HD ANCHOR SCREW OR EQUAL.

KNEEBRACE OR K.B. –6x6 PT KNEE BRACE INSTALLED PER APPENDIX M IN CODE OR PLAN DETAILS.

DECK CONNECTION –SECURE DECK JOISTS TO 2x PT BAND WITH METAL HANGERS. SECURE BAND TO HOUSE BAND WITH ½"Ø LAG, CARRIAGE BOLT AT 16"o.c. AND THREE 12D NAILS AT 8"o.c. OR SELF DRILLING SCREWS AT 6"o.c. STAGGERED.

FRAMING LEGEND:

J - JACK STUD
K - KING STUD
ST - STUD
CS - CRIPPLE STUD
SB - SQUASH BLOCK
DBL - DOUBLE JOIST
UNO - UNLESS NOTES OTHERWISE
EE - EACH END



■ = ANCHOR BOLT LOCATION

REVISION DATES:

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181 Savannah Crossing
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McGiveron Residence

CRAWL SPACE FOUNDATION PLAN

SCALE: 1/4" = 1'-0" (34X22)
SCALE: 1/8" = 1'-0" (17X11)

DATE: 10/18/2022
PLAN: HARPER-B

DRAWN BY: BL
ESTIMATED BY: AK
CHECKED BY: MN

STH 1/31/23

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McGiveron Residence

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FIRST FLOOR PLAN

SCALE: 1/8" = 1'-0" (17X11)
SCALE: 1/4" = 1'-0" (34X22)

DATE: 10/18/2022
PLAN: HARPER-B

DRAWN BY: BL
ESTIMATED BY: AK
CHECKED BY: MN

REVISION DATES:

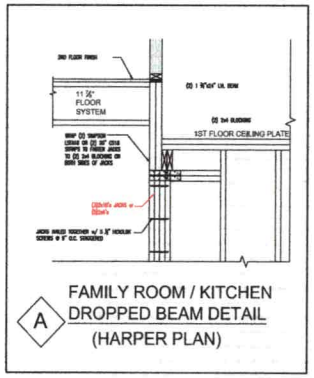
SQUARE FOOTAGES

	SQ. FT.
1ST FLOOR	1992
2ND FLOOR	1115
TOTAL LIVING	3115
FRONT PORCH	112
REAR COVERED PORCH	191
GARAGE	480

DOOR SCHEDULE

QUANTITY	MARK	DOOR SIZE (feet)	TYPE	SWING	ROUGH OPENING
1	28/68	32 x 80	CASED OPENING	NA	34" x 82 1/2"
1	28/68	32 x 80	EXTERIOR	Right	34" x 82 1/2"
1	30/80	36 x 84	EXTERIOR	Left	38" x 86 1/2"
1	2 @ 40/80	2 @ 48 x 96	EXTERIOR – SLIDER	Right	98" x 86"
2	22/68	24 x 80	INTERIOR	Left	26" x 82 1/2"
3	24/68	26 x 80	INTERIOR	Right	30" x 82 1/2"
4	24/68	26 x 80	INTERIOR	Left	30" x 82 1/2"
1	28/68	30 x 80	INTERIOR	Right	32" x 82 1/2"
2	28/68	30 x 80	INTERIOR	Left	32" x 82 1/2"
2	28/68	30 x 80	INTERIOR	Left	34" x 82 1/2"
2	2 @ 16/68	2 @ 18 x 80	INTERIOR – PAIR	Left	38" x 86 1/2"
1	30/68	36 x 80	INTERIOR – POCKET	Left	37" x 84 1/2"
1	163/70	165 x 84	OVERHEAD	NA	192" x 84"

SEE SUPERINTENDENT FOR R.O. FRAMING ON POCKET DOORS



A FAMILY ROOM / KITCHEN DROPPED BEAM DETAIL (HARPER PLAN)

FRAMING NOTES: (MAIN LEVEL)

1. I-JOISTS
   - ARE DESIGNED TO BE CONTINUOUS IN SOME AREAS.
   - CONTRACTOR TO STOP & START JOISTS WHERE SHOWN ON PLAN TO ALLOW FOR CONTINUOUS ACTION.
   - CONTRACTOR TO CONTACT ENGINEER OF RECORD FOR APPROVAL IF I-JOISTS DIFFER FROM THOSE SPECIFIED ON PLANS.
2. ALL FRAMING MEMBERS TO BE SPF#2 OR SYP#2 UNO.
3. ALL HARDWARE BY SIMPSON STRONG-TIE COMPANY OR EQUAL.
4. SEE ARCHITECTURAL PLANS FOR ALL DIMENSIONS.
5. CONTRACTOR RESPONSIBLE FOR ALL WATERPROOFING AND FLASHING.
6. ALL LOAD BEARING HEADERS TO BE (2)2X8 UNO.
7. BEAMS PARALLEL TO FLOOR JOISTS SHALL ALIGN UNDER WALLS ABOVE.
8. DOUBLE JOISTS OR CRIPPLE WALLS TO BE INSTALLED BETWEEN STACKING LOAD BEARING WALLS TO TRANSFER LOADING.
9. DOUBLE JOISTS CAN BE SEPARATED UP TO 3/4" TO ALLOW FOR PASSAGE OF PLUMBING PIPES AND ELECTRICAL WIRES.
10. RIMBOARDS & BANDS PARALLEL TO FLOOR JOISTS SHALL BE DOUBLED.
11. ALL POINT LOADS FROM ROOF BRACES, JACK STUDS, & BEAM STUDS MUST BE SUPPORTED WITH EQUIVALENT # OF SOLID BLOCKS AND/OR STUDS DOWN TO THE FOUNDATION. RIMBOARD AND I-JOIST BLOCKING IS NOT PERMISSIBLE
12. WALL FRAMING UNO:
    WALLS UP TO 10'-2" TALL SHALL BE MINIMUM 2X4 @ 16" O.C.
    WALLS BETWEEN 10'-2" & 13'-2" TALL TO BE MINIMUM 2X6 @ 16" O.C.
13. STUD BEARING END SUPPORT UNO:

2X LUMBER	# OF BEAM PLIES; 1 FOR HEADERS
LVL, PSL, GLU-LAM	= 3
STEEL BEAM	= 5

14. NUMBER OF KING STUDS BASED ON OPENING WIDTH UNO:

2X4 WALL		2X6 WALL	
WIDTH < 3'-0"	= 1 KING	WIDTH < 5'-0"	= 1 KING
3'-0" TO 6'-0"	= 2 KINGS	5'-1" TO 10'-0"	= 2 KINGS
6'-1" TO 8'-0"	= 3 KINGS	OVER 10'-1"	= SEE PLAN
8'-1" TO 10'-1"	= 4 KINGS		
OVER 10'-1"	= SEE PLAN		

15. METAL HANGER SCHEDULE UNO:

(2) 2X8	LUS 28-2
(2) 2X10, (2) 2X12	LUS 210-2
(3)-2X10, (3)-2X12	LUS 210-3
(2) 1¾" X 9¼" - 14" LVL	HUS 410
(2) 1¾" X 11⅞" - 24"LVL	HHUS 410
ALL TRIPLE LVLs	HHUS 5.50/10

EQUIVALENT CAPACITY HANGERS BY OTHERS ARE ACCEPTABLE.. DO NOT BEND/MODIFY HANGERS OR USE INADEQUATE FASTENERS.

16. FASTENER SCHEDULE UNO:

METAL HANGERS	:16D X 3½" OR 16D X 3½" NAILS (16D = 0.162"Ø).
METAL STRAPS	:16D X 3½" OR 16D X 3½" NAILS
HOLDOWNS	:½" X 3½" SDS SCREWS.
TO MASONRY	:½"X6" TITEN 2 SCREWS.
INTO ≥ 1½" OF WOOD	:10D X 3" NAILS (10D = 0.148"Ø).
OTHER HARDWARE	:PER MANUFACTURERS SPECIFICATIONS UNO.

USE PROTECTED FASTENERS PER CODE IF EXPOSED TO WEATHERING

17. "SCREWED"
    FASTEN PLIES OF (3) PLY LVLS WITH (2) 5" PLATLOK SCREWS @ 16" O.C.
    FASTEN PLIES OF (4) PLY LVLS WITH (2) 6½" PLATLOK SCREWS @ 16" O.C.
    SCREWS TO BE 2"(MIN.) AND 3"(MAX.) FROM TOP OR BOTTOM OF BEAM.
    SDW SWP-PLY SCREW EQUIVALENT IS ACCEPTABLE.
18. WHERE METAL STRAPS INDICATED, EQUIVALENT LENGTH CSHP18 COIL STRAP IS PERMISSIBLE (USE TWO IF SPECIFIED STRAP WIDTH IS 3").

BRACED WALL LINE NOTE:

THIS STRUCTURE HAS BEEN ANALYZED FOR LATERAL LOADING USING CONTINUOUSLY SHEATHED 7/16" OSB WALL SHEATHING USING 8D NAILS AT 6" O.C. ALONG EDGES & 12" O.C. AT INTERMEDIATE FRAMING.

BLOCK & NAIL ALL PANEL EDGES.

WHERE BRACED WALLS DO NOT MEET THE PRESCRIPTIVE REQUIREMENTS OF SECTION R602.10 OF THE CODE, IT HAS BEEN ANALYZED BY ENGINEERING ANALYSIS INCORPORATING ENGINEERED LATERAL BRACING ELEMENTS WHERE NEEDED TO MEET THE INTENT OF THE CODE. SEE PLAN FOR ALL NOTES AND DETAILS.

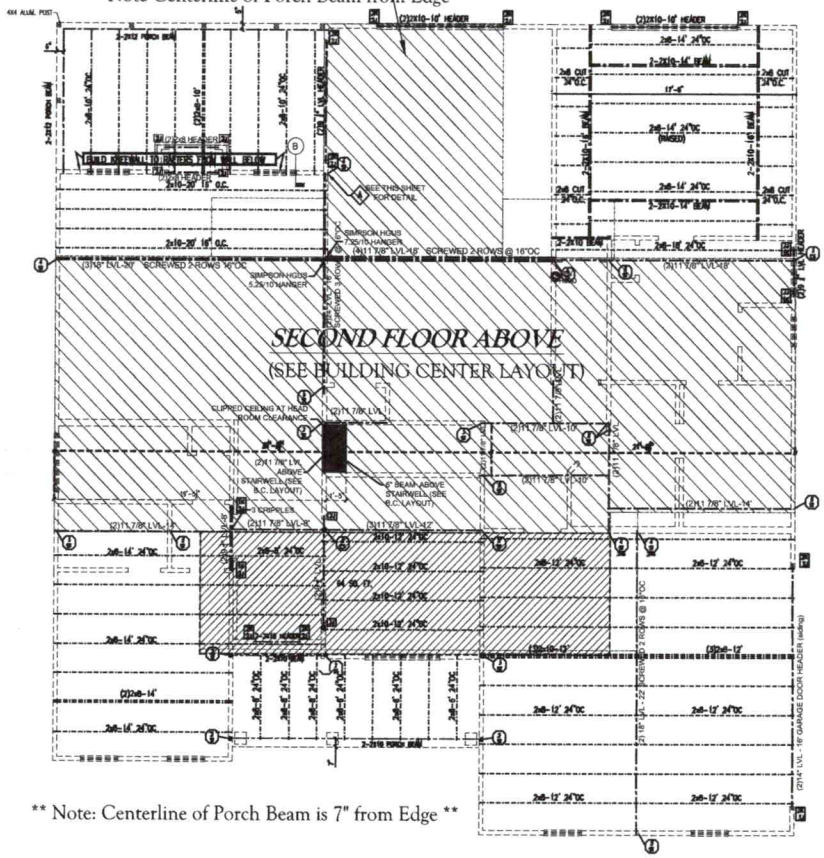
FRAMING LEGEND:

J	:JACK STUD
K	:KING STUD
ST	:STUD
CS	:CRIPPLE STUD
SB	:SQUASH BLOCK
EE	:EACH END
SGL	:SINGLE JOIST
DBL	:DOUBLE JOIST
PT	:PRESSURE TREATED
UNO	:UNLESS NOTED OTHERWISE

4X4 POST	4X4 PT POST WITH (2) LCE4 CAPS AT CORNER POSTS AND (2) AD4 CAPS AT INTERMEDIATE POSTS (BLOCK AS NEEDED). IF WOOD FRAMING BELOW, SECURE WITH SAME CAPS AT BOTTOM. IF CONCRETE OR MASONRY BELOW, SECURE WITH ABW44Z BASE WITH ½"Ø x6" TITEN HD ANCHOR SCREW OR EQUAL.

SEE BUILDING CENTER LAYOUT JOB #22-XXX

** Note Centerline of Porch Beam from Edge **



** Note: Centerline of Porch Beam is 7" from Edge **

FIRST FLOOR CEILING LAYOUT

REVISION DATES:

BLOCK HOMES
7515 Concord Parkway North
Concord, NC 28027
OFFICE (704) 788-4818
FAX (704) 784-3720

181 Savannah Crossing
Mooresville, NC 28115
McGiveron Residence

FLOOR CEILING JO
SCALE: 1/4" = 1'-0" (34X22)
SCALE: 1/8" = 1'-0" (17X11)

DATE: 10/18/2022
PLAN: HARPER-B

DRAWN BY: BL
ESTIMATED BY: AK
CHECKED BY: MN

IBLOCK HOMES
759 Concord Parkway North
Concord, NC 28027
OFFICE (704) 788-4818
FAX (704) 784-3720

N

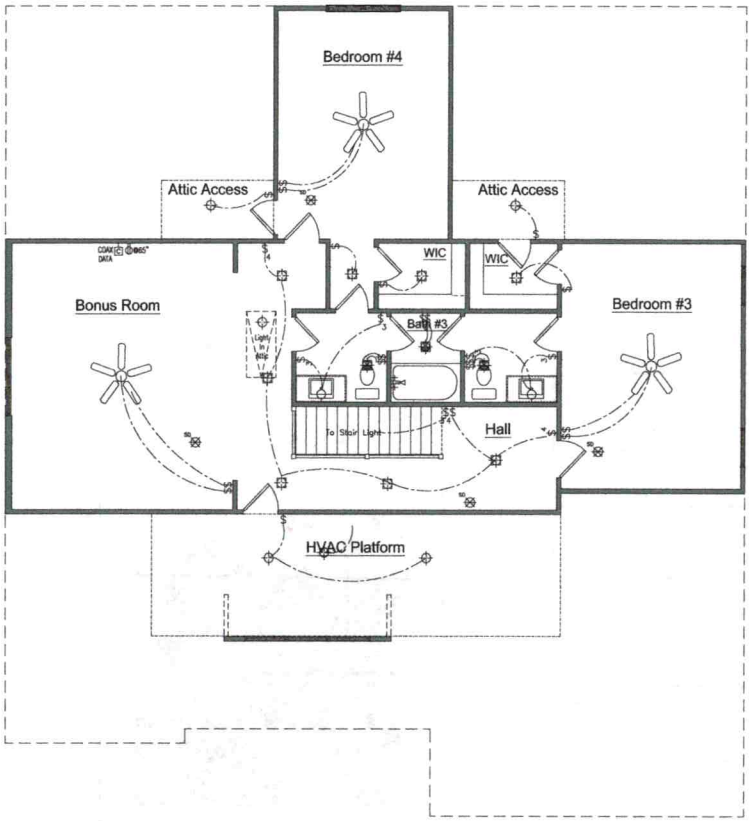
SECOND FLOOR PLAN

SCALE: 1/4" = 1'-0" (34X22)
SCALE: 1/8" = 1'-0" (17X11)

DATE: 10/18/2022
PLAN: HARPER-B

DRAWN BY: BL
ESTIMATED BY: AK
CHECKED BY: MN

REVISION DATES:

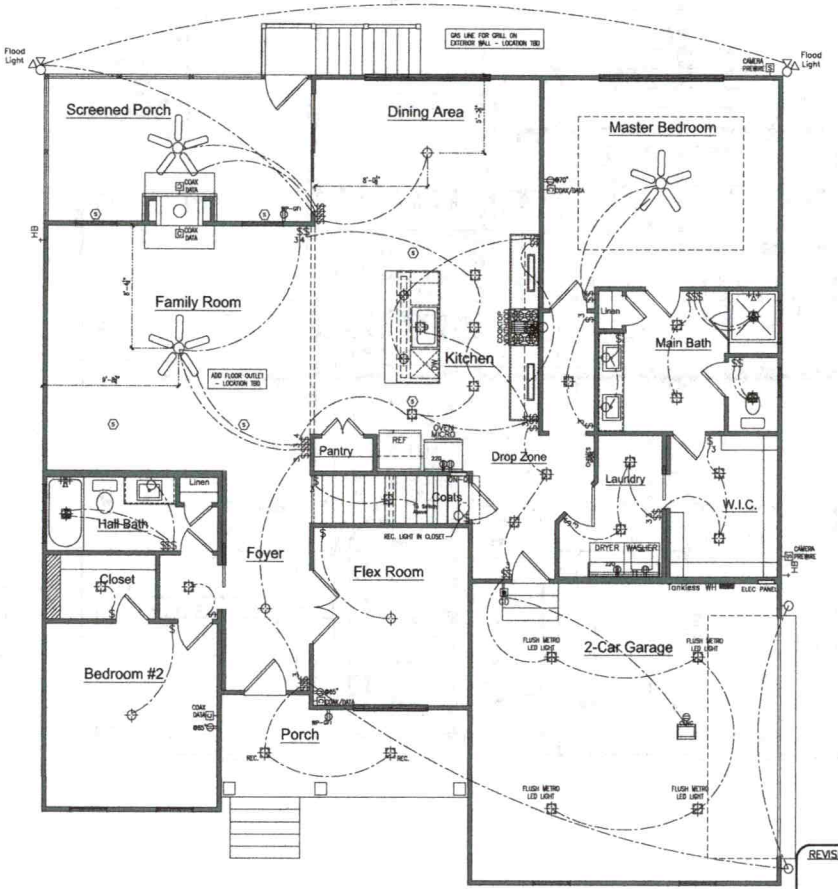


ELECTRICAL LEGEND

SWITCH	QUADRUPLEX	THERMOSTAT	FLOODLIGHT
THREE-WAY SWITCH	CEILING DUPLEX	SMOKE DETECTOR	VENT
FOUR-WAY SWITCH	FLOOR DUPLEX	CARBON MONOXIDE DETECTOR	VENT AND LIGHT
RHEOSTAT	JUNCTION	CEILING LIGHT	HEAT AND LIGHT
DUPLEX	DOOR BELL	RECESSED CEILING LIGHT	HEAT AND VENT
GFCI DUPLEX	GARAGE DOOR	RECESSED EYEBALL LIGHT	HEAT, VENT AND LIGHT
COUNTERTOP DUPLEX	PHONE OUTLET	WALL HUNG LIGHT	
SPLIT WIRED DUPLEX	TV OUTLET	EYEBALL LIGHT	
220 VOLT OUTLET	SPEAKER	LANDSCAPING LIGHT	

ELECTRICAL NOTES:

1. TOTAL OF (3) TELEPHONE JACKS- LOCATON T.B.D.
2. TOTAL OF (3) CABLE JACKS- LOCATION T.B.D.
3. TOTAL & LOCATION OF OUTLETS T.B.D. PER CODE



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Mooresville, NC 28115
McGiveron Residence

ELECTRICAL PLANS
SCALE: 1/4" = 1'-0" (34X22)
SCALE: 1/8" = 1'-0" (17X11)

DATE: 10/18/2022
PLAN: HARPER-B

DRAWN BY: BL
ESTIMATED BY: AK
CHECKED BY: MN

PERMIT SNAPSHOT REPORT OSWP-2022-11293 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	12/12/2022
Work Class:	EH Septic Improvement Permit	**District:**	Iredell County	**Exp Date:**	NOT AVAILABLE
Status:	Zoning Approved	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	Holland, Sydney	**Approval Expire Date:**	
Description:	Approval for a custom 4 bedroom house				

Parcel: 4679314322.000 Main	**Address:** 181 Savannah Crossing Dr Mooresville, NC 28115 Main	**Zone:** RA(Residential Agricultural District)

Applicant/Authorized Agent
Demetrius Colombero
759 Concord Parkway N Suite 20
Concord, NC 28027
Mobile: (704) 701-6136

Property Owner
Kevin McGiveron
Home: (716) 560-7697

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Does the site contain any jurisdictional wetlands	No	Non-domestic Sewage Generated	No
Other Public Agency	No	All proposed structure dimensions	33.8Wx40.3L x31H	What are the proposed structures	New Single Family Residence
If other Addition/Structure, please explain	Crawl Space EPB	Maximum Number of Bedrooms	4	Number of Occupants	8
Foundation Type	Concrete Slab Foundation	Water Supply	Existing Well	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain		Lot Acreage	2.96	Front Setback	35
Back Setback	35	Left Setback	15	Right Setback	15
Zoning Permit Issued Date	Jan 13 2023 12:00AM	Zoning Permit Expiration Date	Jul 12 2023 12:00AM	Is the structure or development in the floodplain	No
Is the property in a local historic district?	No	Is the property located downtown?	No	Additional Unique Setbacks Apply	No
Watershed	WSII BOW BACK CREEK				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Demetrius_Colombero_12/12/2022.jpg	12/12/2022 15:26	Colombero, Demetrius		Uploaded via CSS
McGiveron 011-144 Owner Consent Form.pdf	01/13/2023 9:11	Hart, Ronda	Available Online	AA form
McGiveron 011-144 Site Plan.pdf	01/13/2023 9:11	Hart, Ronda	Available Online	Site Plan

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-53204	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	01/13/2023			01/13/2023 8:23	01/13/2023 8:23

Inspectors: Kobuck, Teanna (Primary)

Checklist Item	Description	Passed	Comments
General Comments	Checklist item used to track general comments, not specific to any other checklist item	No	

Note	Created By	Date and Time Created
1. Scheduled for 1/23/23	Sydney Holland	01/19/2023 10:23