

Development Services Center 178 Sams Street Decatur, GA 30030 www.dekalbcountyga.gov/planning 404-371-2155 (o); 404-371-4556 (f)

Chief Executive Officer
Michael Thurmond

# **DEPARTMENT OF PLANNING & SUSTAINABILITY**

Interim Director Cedric Hudson

# ZONING BOARD OF APPEALS APPLICATION FOR PUBLIC HEARING (VARIANCES, SPECIAL EXCEPTIONS, APPEALS OF ADMINISTRATIVE DECISIONS)

Applicant and/or Authorized Representative: Brian Ortiz				·		_
Mailing Address: 35 Patterson Rd ,Ste	464261					_
City/State/Zip Code: _Lawrenceville, GA						
Email: wenchi512@hotmail.com	···				_	
Telephone Home: 4049194638	Bu:	siness:				
		UBJECT PROPERTY				
Owner: Brian Ortiz						
Address (Mailing): 1933 CRESTMOOR	E DRIVE DECAT	UR GA 30032				
Email: wenchi512@hotmail.com	Telephone H	ome: 4049194638	Business:			
ADDRESS	S/LOCATION OF S	UBJECT PROPERTY				
Address: 1933 CRESTMOORE DRI	VE	City: _DECATUR	State:	GA	Zip: 300	)32
District(s): 04 Land Lot						
Zoning Classification: R-75	Commis	sion District & Super Dist	trict: <u>3/7</u>		· · · · · · · · · · · · · · · · · · ·	_
CHECK TYPE OF HEARING REQUESTED	<b>)</b> :					
VARIANCE (From Development St	andards causing ur	ndue hardship upon owne	ers of property	·.)		
SPECIAL EXCEPTIONS (To reduc	e or waive off-stree	t parking or loading spac	e requirement	ts.)		
OFFICIAL APPEAL OF ADMINISTI	RATIVE DECISION	IS.				

\*PLEASE REVIEW THE FILING GUIDELINES ON PAGE 4. FAILURE TO FOLLOW GUIDELINES MAY RESULT IN SCHEDULING DELAYS.\*

Email plansustain@dekalbcountyga.gov with any questions.



# DEPARTMENT OF PLANNING & SUSTAINABILITY

# **ZONING BOARD OF APPEALS APPLICATION**

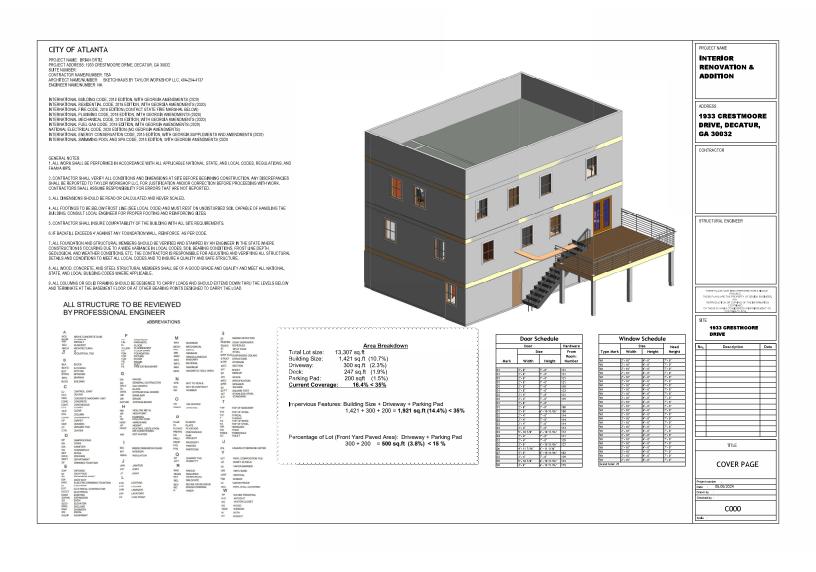
# **AUTHORIZATION OF THE PROPERTY OWNER**

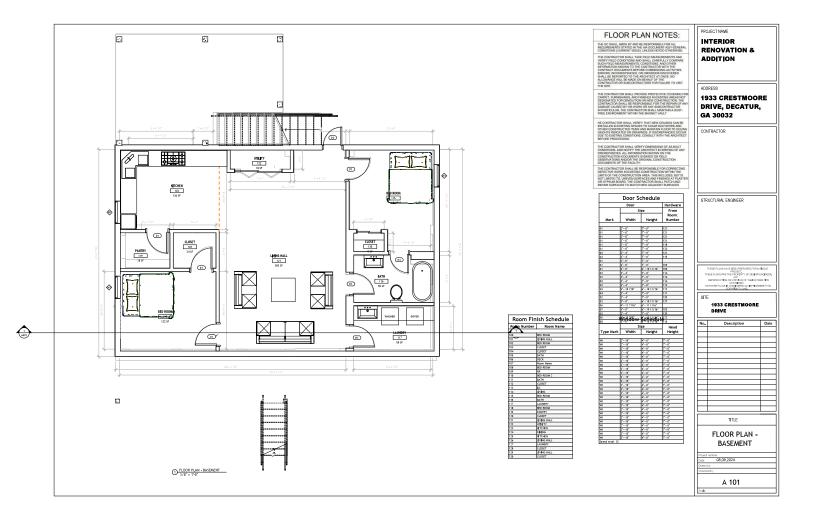
I hereby authorize the staff and members of the Zoning Board of Appeals to inspect the premises of the Subject Property.

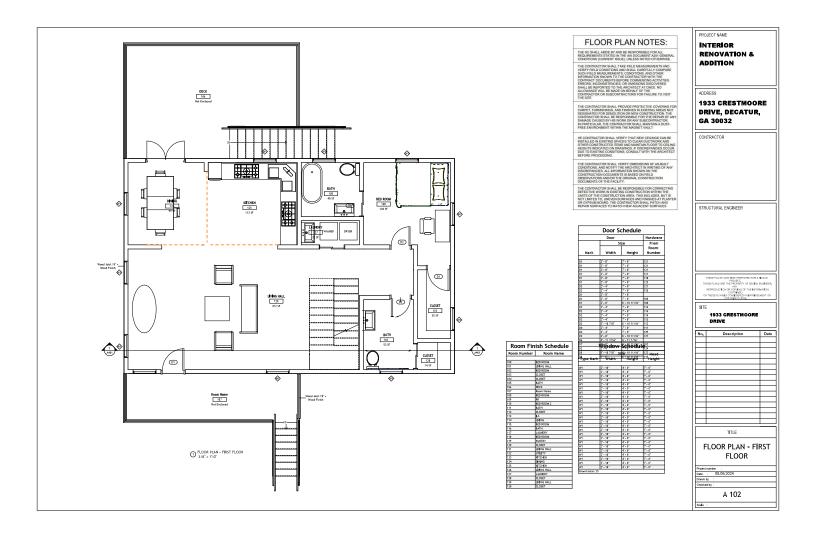
I hereby certify that the information provided in the application is true and correct.

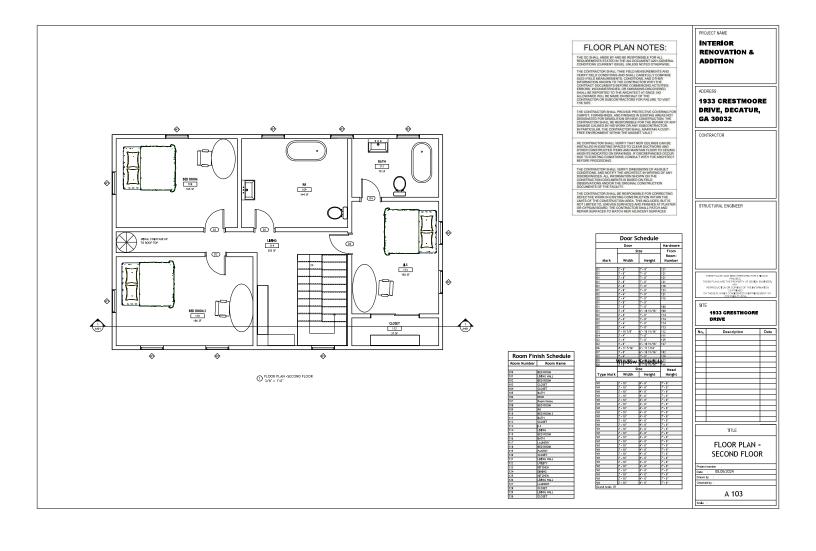
I hereby certify that I am the owner of the property subject to the application.

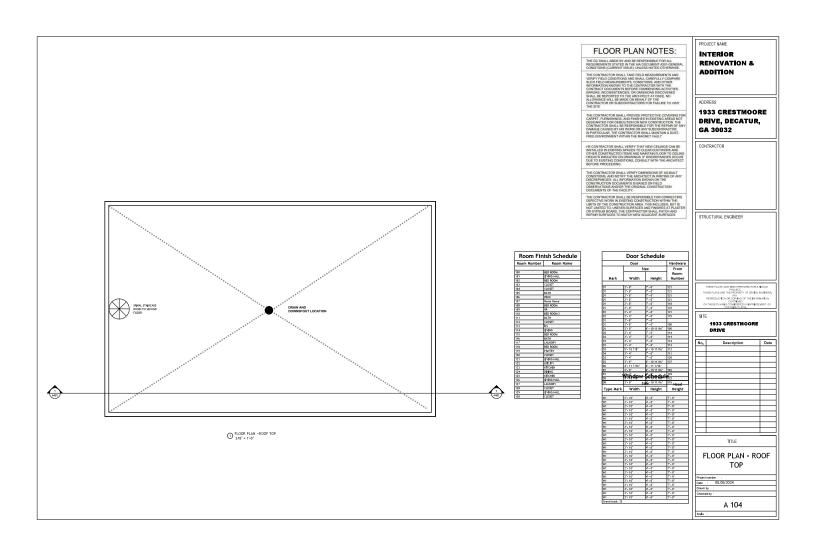
DATE: 02/14/2025		Brian Ortiz	
	Signature:	$\mathcal{O}$	
DATE:	Applicant Signature:		



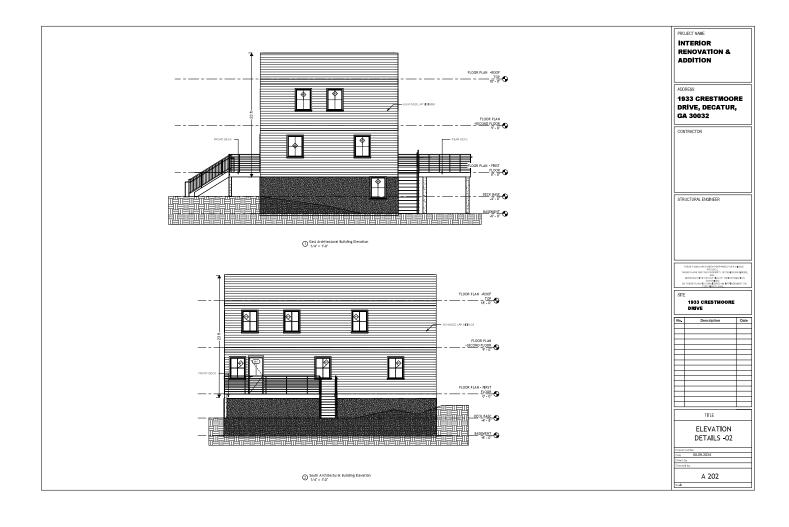




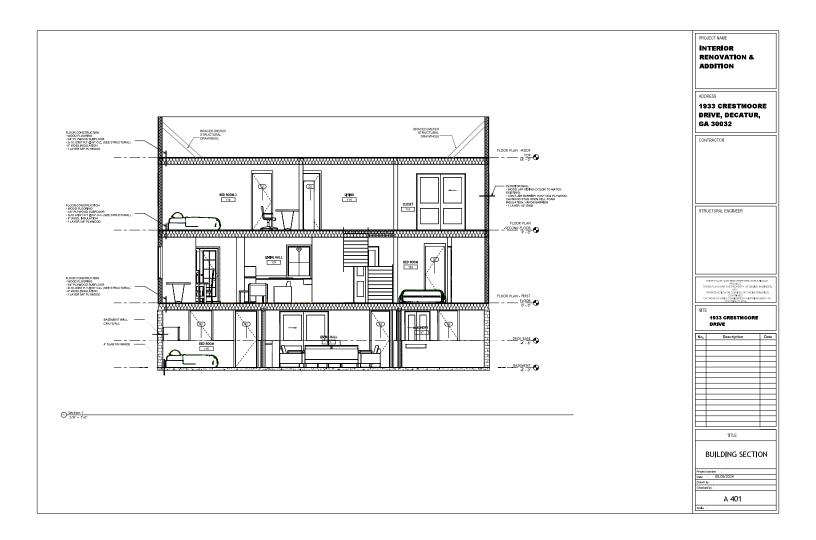












### DESIGN CRITERIA

DESIGN PROVISIONS - 2018 INTERNATIONAL RESIDENTIAL CODE

CONSTRUCTION MATERIALS PLACED ON THE STRUCTURE SHALL BE PLACED IN A MANNER NOT EXCEEDING THE DESIGN LOAD SPECIFIED. IT IS THE PROPERTY OWNERS RESPONSIBILITY TO ENSURE THAT THE DESIGN LOADS ARE NOT EXCEEDED AFTER CONSTRUCTION.

THE DESIGN LOADS FOR THIS PROJECT ARE:

STAIRS -40 PSF
DECKS -40 PSF (LIVE)
EXTERIOR BALCONY -60 PSF (LIVE) WIND LOADS (REFER ASCE 7-16 FOR WIND LOADS)
BASIC WIND SPEED: 106 mph BASIC WIND SPEED: RISK CATEGORY: EXPOSURE:

ALL MICROLLAMS (LVL); (ALL MICROLLAMS SHALL BE MANUFACTURED IN CONFORMANCE WI THE "NATIONAL DESIGN SPECIFICATIONS FOR WOOD" AND THE "NATIONAL RESEARCH BOARD) ALL LVL'S SHALL HAVE A 34" WIDTH AND SHALL BE TRUSS JOIST 2.0E MICROLLAM" OR EQUIAL.

Fb = 2600 PSI Fv = 285 PSI Fc(per) = 750 PSI = 2510 PSI = 2,000,000 PSI (2.0E) = 7.35

ALL SOUTHERN PINE #2 (SP #2):

= 875 PSI = 70 PSI rr) = 425 PSI rra) = 1100 PSI Fv Fc(per) = 425 ro. Fc(para) = 1100 PSI = 1,400,000 PSI

ALL PARALLAMS (PSL); (ALL PARALLAMS SHALL BE MANUFACTURED IN CONFORMANCE WI THE "NATIONAL DESIGN SPECIFICATIONS FOR WOOD" AND THE "NATIONAL RESEARCH BOARD) ALL PSL'S SHALL BE TRUSS JOIST 1.5E PARALLAM" OR EQUAL.

= 2400 PSI = 190 PSI Fc(per) = 545 PSI Fc(para) = 2500 PSI

### GENERAL NOTES

- ALL CONSTRUCTION SHALL CONFORM TO THE APPLICABLE STATE AND LOCAL BUILDING CODE REQUIREMENTS. DETAILS OF CONSTRUCTION UNLESS NOTED.
- CONTRACTOR SHALL PERFORM ALL MISCELLANEOUS REMOVALS, MODIFICATIONS, CONSTRUCTION AND CLEAN-UP REQUIRED TO COMPLETE THE GENERAL SCOPE OF THIS PROJECT.
- NO SITE INSPECTIONS DURING CONSTRUCTION ARE TO BE MADE BY THIS OFFICE. CONTRACTOR TO BE RESPONSIBLE FOR MATERIALS AND WORKMANSHE. SUBSTITUTIONS FOR MATERIALS SPECIFIED TO BE MADE WITH PERMISSION OF LOCAL BUILDING DEPARTMENT.
- CONTRACTOR TO BE RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE BUILDING, ELECTRICAL, MECHANICAL, SANITARY AND ENERGY CONSERVATION CODES, STATE AND/OR LOCAL.

- CONTRACTOR TO BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES AND SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK.
- THE CONTRACTOR/OWNER SHALL REQUEST LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO ANY DIGGING.
- THE CONTRACTOR SHALL IDENTIFY THE OWNER AND HIS AGENTS THE CONTRACTOR SHALL IDENTIFY THE OWNER AND HIS AGENTS THROUGH ADEQUATE INSURANCE COVERAGE AGAINST ANY CLAIMS ARISING FROM INJURIES DURING CONSTRUCTION, OR FAILURE TO MAINTAIN SAFE CONDITIONS ON THE CONSTRUCTION SITE.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR, OWNER OR BUILDER OF THIS STRUCTURE TO NOTIFY THE ENGINEER OF ANY DEVIATION FROM THESE DRAWINGS.
- THESE PLANS COMPLY WITH ALL THE CODES, PROVISIONS. LOCAL CODE REQUIREMENTS SHALL TAKE PRECEDENCE WHERE DISCREPANCIES OCCUR.
- ANY ERRORS, OMISSIONS OR DISCREPANCIES IN THESE PLANS SHALL BE REPORTED IN WRITING TO THE ENGINEER BEFORE START OF CONSTRUCTION AND SHALL BE THE SOLE RESPONSIBILITY OF THE OWNER OR CONTRACTOR.
- 11. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR COMPLETED WORK.
- 12. CONTRACTOR IS TO FOLLOW ALL MANUFACTURERS PRODUCT INSTALLATION AND INSTRUCTION.
- WHENEVER A VALUE OR SIZE IS IN CONFLICT THE MORE STRINGENT VALUE OR SIZE WILL APPLY.

### FOUNDATION NOTES

- FOR CONSTRUCTION, IT IS THE RESPONSIBILITY OF THE OWNER/CONTRACTOR TO VERIFY ALL GRADES MAKE SURE THE FOUNDATION DRAWNOSS WILL WORK WITH THE EXISTING ELEVATIONS AND GRADES. IF CHANGES TO THE DESIGN ARE REQUIRED, NOTIFY THE ENGINEER PRIOR TO PLACING ANY CONCRETE.
- GEOTECHNICAL ENGINEER WITH A GEORGIA P.E. LICENSE SHALL SECULEARING ENGINEER WITH A GEORGIA PE LICENSE SHALL KERIPY THE DESIGN RECOMMENDATION AND THE SITE CONDITIONS WHEN THE FOUNDATION RUSH-OUT IS COMPLETED BUT PRIOR TO FOUNDATION NATULATION. IF SOIL CONDITIONS DIFFER PROMITTIONS DESCRIBED HERE OR IN THE GEOTECHNICAL PEPORTS PRIVADES. THE FOUNDATION SHALL BE REDESIGNED FOR THE PROPER COMMITTION.
- CONTRACTOR IS RESPONSIBLE FOR MAN DOOR REQUIREMENTS, AND BLOCK OUTS REQUIRED FOR PLUMBING, ELECTRICAL, ETC. THE CONTRACTOR SHALL ALSO ADEQUATELY BRACE ALL FORMS.
- RAT SLAB TO BE 2" POURED CONCRETE ON COMPACTED F PROVIDE CONTRACTION JOINTS 1" DEEP AT COLUMN LINES. CUT "EARLY ENTRY" SAW.
- 5. CONCRETE GRADE FOR FOUNDATION AND FOUNDATION WALL SHALL BE 4000 PSI.
- ALL FOOTINGS SHALL BEAR ON UNDISTURBED SOIL HAVING A MINIMUM BEARING CAPACITY OF 1,500 P.S.F.
- THE BOTTOM ELEVATION OF EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 1'-0' BELOW OUTSIDE FINISH GRADE. LOWER FOOTINGS AS REQUIRED TO REACH GOOD BEARING SOIL.
- THOROUGHLY COMPACT THE BOTTOM OF EXCAVATIONS PRIOR TO FORMING FOOTINGS.
- ALL BACKFILLED USED INSIDE THE BUILDING SHALL BE WELL GRADED GRAVEL WHICH SHALL BE THOROUGHLY COMPACTED IN 8" LAYERS. ON SITE MATERIALS MAY BE USED IF ACCEPTABLE TO THE ENGINEER.
- 10. ALL FOUNDATION WALL SHALL BE BACKFILLED EVENLY ON BOTH SIDES TO PREVENT UNBALANCED LOADING.
- ALL CONCRETE SHALL BE PLACED IN DRY EXCAVATIONS. PUMP AWAY GROUND WATER AS REQUIRED.

### STRUCTURAL WOOD FRAMING NOTES

- 1. STRUCTURAL FRAMING MEMBERS SHALL BE LVL. PSL OR SP #2 UNLESS OTHERWISE STATED.
- FINISH GRADE LUMBER SHALL CONFORM TO 2018 NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION AND WWPA. FINISH GRADE LUMBER SHALL BE SPRUCE PINE FIR #2 OR BETTER. ROUGH SAWN SHALL BE SPF #1 OR BETTER.
- SILL PLATES SHALL BE PRESSURE TREATED WOOD OR WOOD OF NATURAL RESISTANCE TO DECAY.
- UPON THE INSTALLATION OF THE SILL PLATES. THE CONTRACTOR IS TO BE MARE OF THE CONDITIONS OF THE FOUNDATION. SHOLLD THE CONTRACTOR FIND THE FOUNDATION TO BE POURED IN BEROR OR UNACCEPTRIBLE TO THE BUILDING TOLERANCES, CONTRACTOR SHALL SO IN-FORM THE OWNER AND ENGINEER AND NOT PROCEED BEYOND THAT FORM WITHOUT APPROVAL.
- SIL SEALER (1/2") IS TO BE INSTALLED IN ALL EXTERIOR MUD SILLS OF HOUSE (ABOVE TERMITEROCENT SHIELD WHERE REQUIRED.) WHEN INSTALLING THE SILL THE BUILDING SHALL BE SQUARED A TO TOLERANCE OF +/- 1/4", AS MEASURED DIAGONALLY FROM CORNER TO CORNER
- SIL PLATES SHALL BE BOLTED TO FOUNDATION WALLS AND SHOT DOWN WITH PAWA SET FASTEMERS WHERE A FOUNDATION BOLT IS MORE THAN TAX-MOVES FROM THE BUD OF A PLATE SIL PLATE MATERIAL SHALL BE MOMINAL ZWICH PRESSURE-TREATED SPF & 0.00 BETTER OR FOUNDATION GROUP BETWOOOL TIGHTEN ALL ANCHOR BOLTS OT THAT THE WASHER IS SET INTO THE SILL PLATE 1/16 TO 18°, WIT I SES WITH MOTHER SILL PLATE 1/16 TO 18°, WITH I SES WITH MOTHER SILL PLATE 1/16 TO 18°,
- FRAMING MEMBERS SHALL NOT BE CUT OR NOTCHED IN EXCESS TO: BEARING WALL OR NON BEARING WALL MEMBERS: IRC R602.6 FLOOR MEMBERS: RESIDENTIAL CODE OF 2018 IRC R502.8
- ENGINEERED WOOD PRODUCTS TO BE INSTALLED PER MANUFACTURERS SPECIFICATIONS.
- ALL WOOD INCLUDING POSTS LOCATED NEARER THAN 18112\*FOR GIRDERS) TO EARTH OR LOCATED ON CONCRETE PLACED ON EARTH SHALL BE PRESSURE TREATED OR WOOD OF NATURAL RESISTANCE TO DECAY.
- HEADERS ARE TO BE BUILT UP (PER CODE) IN FRAMED WALLS U.N.O.-SUPPORT EACH HEADER WIDOUBLE TRIMMER STUDS WHERE OPENINGS ARE 48" WIDE OR GREATER.
- PROVIDE FULL BEARING SUPPORT FOR ALL BEAMS (EX.4X BEAMS SUPPORTED BY (2)2X OR 4X POSTS,6X/8X BEAMS SUPPORTED BY 6X/8X POST,ETC).
- 12. PROVIDE BLOCKING IN FLOOR AND ROOF SYSTEMS IN CONFORMANCE WITH THE BUILDING CODE. PROVIDE SOLID BLOCKING TO MATCH POST AT FLOOR AND ROOF FRAMING, AND AS REOD. FOR CONTINUOUS BEARING TO SUPPORT BEAM OR FOUNDATION BELOW.
- WOOD CONNECTION ACCESSORIES SHALL BE I.C.B.O. APPROVE WITH ENGINEERS APPROVAL "SIMPSON STRONG-TIE" CONNECTOR SHOWN ON PLANS MAY BE SUBSTITUTED W/ ACCEPTED ALTERNATE.
- CONNECTORS SHALL BE INSTALLED IN CONFORMANCE WITH MANUF RECOMMENDATIONS. LAG SCREWS AND BOLTS SHALL BE STAGGERED AS REQUIRED. NAILING AND CONNECTIONS SHALL BE IN CONFORMANCE W/ APPLICABLE BUILDING CODE - REF. TO TABLES IN
- ENGINEERED WOOD TRUSSES AND OPEN WEB TRUSSES ARE AS SHOWN ON PLANS. TRUSS MANUFACTURER SHALL DESIGN TRUSSES TO CARRY LIVE LOADS INDICATED ABOVE IN ACCORDANCE WI APPLICABLE BUILDING CODE WITH A LOAD DURATION FACTOR OF 1.0, AND A MAX LIVE DEFLECTION OF SPAN360.
- TRUSS DESIGNER SHALL PROVIDE SHOP DRAWINGS INCLUDING PLACEMENT PLAN AND CALCULATIONS SUBMITTED TO ENGINEER FOR REVIEW PRIOR TO FABRICATION. DWG'S. & CALC'S. SHALL BE STAMPED BY P.E.
- PROVIDE SOLID BLOCKING AT SUPPORT AND AT 8-0" MAX SPACING ALL JOISTS & RAFTERS.

- 18. ALL MEMBERS IN BEARING SHALL BE ACCURATELY CUT AND ALIGNED SO THAT FULL BEARING IS PROVIDED WITHOUT USE OF SHIMS, ALL POSTS WHICH BEAR ON A FLOOR SYSTEM MUST HAVE FULL BLOCKING OR OTHER SOLID SUPPORT UNDERNEATH.
- ALL JOISTS SHALL HAVE A MINIMUM 3-INCH BEARING AT THE SUPPORT (UNLESS NOTED OTHERWISE.) LAPPING JOISTS SHALL HAVE 18-INCH MINIMUM LAPS, UNLESS STATED OTHERWISE.
- 20. STUD WALLS ARE TO HAVE DOUBLE TOP PLATES OF THE SAME DIMENSION AS THE STUD. PLATES ARE TO BE LAPPED A MINIMUM 6-FEET BETWEEN SPLICES AND NAILED AS SPECIFIED IN THE GOVERNING CODE (REFER TO WECM, USE 166 NAILS).
- IN GABLE WALLS STUDS 10' OR GREATER IN LENGTH SHALL NOT BE NOTCHED OR DRILLED. ANY STUD SHORTER THAN 10' IN LENGTH IN AN EXTERIOR WALL OR BEARING PARTITION MAY BE CUT OR NOTCHED TO A DEPTH NOT EXCEEDING 20% OF ITS WIDTH.
- STUDS IN NOMBEARING PARTITIONS MAY BE NOTCHED TO A DEPTH NOT TO EXCEED 30% OF A SINGLE STUD WIDTH. ANY STUD MAY BE BORED OR ROILLED, PROVIDED THAT THE DIMMETER OF THE RESULTING HOLE IS NO GREATER THAN 25% OF THE STUD WIDTH. HE EDGE OF THE HOLE IS NOLOSET THAN 35" OF THE STUD WIDTH. HE EDGE OF THE HOLE IS NOT LOCATED IN THE SAME SECTION AS A CUT OR NOTCH EXCEPTIONS. APPROVED STUD SHOPS MAY BE USED WHEN INSTALLED IN ACCORDANCE WITH THE MANUFACTURENS RECOMMENDATION.
- WHEN PIPMO OR DUCTWORK IS PLACED IN OR PARTLY IN AN EXTEROR WALL OR INTERIOR BRACED OR LOAD BEARING WALL OR INTERIOR BRACED OR LOAD BEARING WALL OF CESSITATION & OLUTINGO OF THE OP PLATE BY MODE THAT 50% OF ITS WIDTH, A GALVANIZED METAL TE NOT LESS THAT 0.054" THICK (IG GACE) AND IS '50 WICE SHALL BE FASTENED TO EACH PLATE ACROSS AND TO EACH SIDE OF THE OPENING WITH NOT LESS THAM XI (8) 160 NAUE WHEN THE ENTIRE SIDE OF THE WALL WITH THE NOTCH OR CUT IS OVERED BY WOOD STRUCTURAL PANEL SHEATHING THE METAL ILE MAY BE GUNTTED.

### NAILING SCHEDULE (FOR OTHER OPTIONS SEE R602.3(1))

TOP PLATE TO STUD (END NAIL - 2-16D COMMON STUD TO SOLE PLATE (END NAIL) - 2-16D COMMON STUD TO SOLE PLATE (TOE NAIL) - 4-8D COMMON OR 3-16D BOX DOUBLE TOP PLATES - 10D @ 12\* O.C. DOUBLE TOP PLATE LAP SPLICE - 8-16D COMMON TOP PLATE LAPS (INTERSECTION) - 3-10D BOX - 16D COMMON@ 16" O.C. SOLE PLATE TO JOISTS OR BLOCKING - 3-8D COMMON CEILING JOISTS TO TOP PLATE (TOE NAIL) - 4-10D BOX - PER R802.5.1(9) CEILING JOISTS TO PARALLEL RAFTER RAFTER TO TOP PLATE (TOE NAIL) - 3-16D BOX 1 X BRACE TO STUD/PLATE - 2-8D COMMON JOISTS TO SILL PLATE (TOE NAIL) - 3-8D COMMON RAFTER TO RIDGE, HIP OR VALLEY (TOE NAIL) - 4-16D BOX RAFTER TO RIDGE, HIP OR VALLEY (END NAIL) - 3-16D BOX RAFTER-TIES TO RAFTER - 4-8D BOX - 6D COMMON @6" O.C EDGE - @12"O.C.FIELD

WALL SHEATHING TO STUD - 6D COMMON @6" O.C @12\*O.C.FIELD

ROOF SHEATHING TO RAFTER / TRUSS - 8D COMMON @ 6" O.C. EDGE

INTERIOR RENOVATION & ADDITION

1933 CRESTMOORE DRIVE, DECATUR. GA 30032

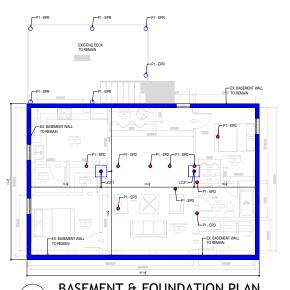
STRUCTURAL

THESE PLANS HAVE SEEN PREPARED FOR A SHOLE PROJECT THESE PLANS AND THE PROPERTY OF DISIBIL ENGINEER, ANY REPROSECUTION OR COPYANGE OF THE INFORMATION CONTINUES ON THESE PLANS IS CONSIDERED AN INFRINGEMENT ON

Date

STRUCTURAL NOTES

08.09.2024 S-000





	TYPE	DESCRIPTION	FOOTINGS
	P1 - EPD	EXISTING 3.5" DIA. LALLY COLUMN TO BE DEMOLISHED	-
	P1 - EPR	EXISTING 3.5" DIA. LALLY COLUMN TO BE REMAINED	-
	LC/F1	NEW 3.5" DIA. LALLY COLUMN	3'-6' x 3'-6" x 1'-0" FOOTING W/3 - #4 REBARS BOTH WAYS

CONTRACTOR IS RESPONSIBLE TO MAINTAIN STABILITY OF EXISTING STRUCTURE INCLUDING EXISTING BASEMENT WALLS DURING DEMOLITION AND CONSTRUCTION PROCESS.

- GENERAL CONTRACTOR (G.C.) SHALL FIELD-VERIFY ALL CONDITIONS PRIOR TO START OF WORK ANY CONDITION OR POTENTIAL CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
- G.C. SHALL ACQUIRE ALL NECESSARY PERMITS AND APPROVALS PRIOR TO STARTING ANY WORK
- WORK.

  C. SHALL NOTIFY ITLITY COMPANES AS REQUIRED PROR TO START OF ANY MORK.

  G. SHALL BE REPONDED FOR ALL SOUDDING AND OFFICILARS OF WORK TO MAINLAGE

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  ENCLOSED SHALL BY THE SOURCE OF THE SHALL BY PROJECT A HEATHER THAT

  G. TO PROTECT ALL ENSTRUCE OFFICE OF THE SHALL BY TH

- CO. SHALL BE REPORTING THE TOPOGROWNTH ALL REQUIRED RELOCATION OF ELECTRICAL PLUMBING AND HAZO DUE TO REMOVAL OF EUSTRON WILLS FLOOR, ETC.

  ANY OLDSTONS REGARDING THESE DOWNINGS SHALL BE ADDRESSED IRECTLY WITH OWNER BEFORE CONSTRUCTION, ARCHITECT WILL NOT HOLD RESPONSIBLE FOR ANY MISHTEPRETATION OF THESE DOWNING.

- VERIFY ALL CONDITIONS IN THE FIELD AND WITH THE ARCHITECTURAL DRAWINGS, NOTIFY ARCHITECT WITH ANY DISCREPANCIES.
- ARCHITECT WITH MY DISCREPANCIES.
  THE CONTRACTOR ISSEPONSIBLE FOR TEMPORARY SHORMS WHERE RECU
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  ROCK LIDE LONG. 1995

- LVL's SHALL BE "MICROLLAM" BY WEYERHAEUSER OR EQUAL WITH A SINGLE MEMBER BENDING STRESS OF 2,600 PSI
- FOR FASTENING NOT SPECIFIED IN THE PLANS, FOLLOW THE PRESCRIPTIVE REQUIREMENTS OUTLINED IN IBC 2015, TABLE 2304.9.1
- ALL CONNECTION HARDWARE ASSOCIATED WITH THE DECK FRAMING INCLUDING HANG BOLTS, AND NAILS IS TO BE HOT DIPPED GALVANIZED OR STAINLESS STEEL IF STAINLESS

INTERIOR RENOVATION & ADDITION

1933 CRESTMOORE DRIVE, DECATUR, GA 30032

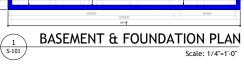
STRUCTURAL ENGINEER



BASEMENT. FOUNDATION PLAN &

TYPICAL DETAILS er : 08.09.2024

S-101



- W6X6 W2.9XW2.9 AT TOP OF SLAB (1 ½ \* CLEAR COVER)

- 3'-6" X 3'-6" X 12" DEEP CONCRETE FOOTING WI3 -84 RFRAR FACH WAY

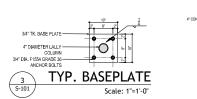
Scale: 1"=1'-0"

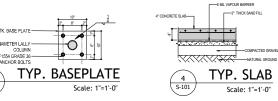
FTG.-LALLY COLUMN (P1/F1)

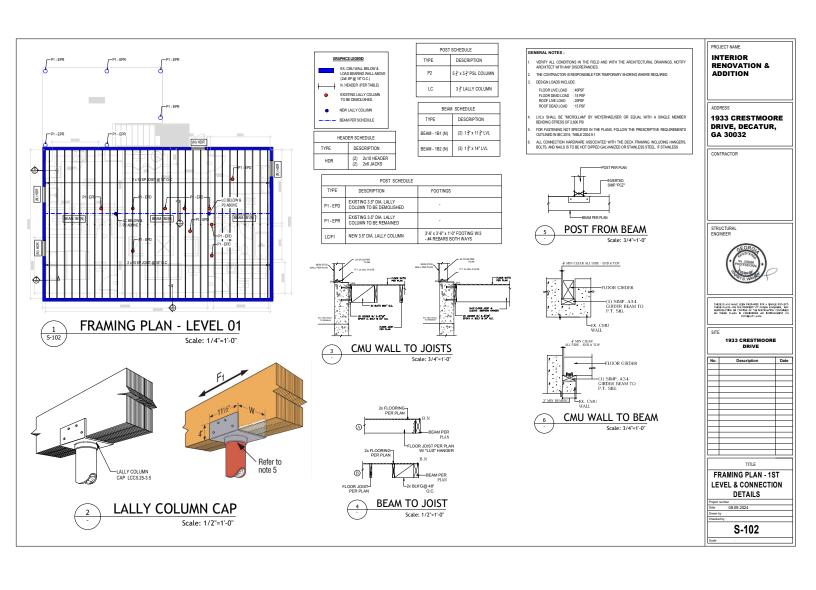
4" CONCRETE SLAB

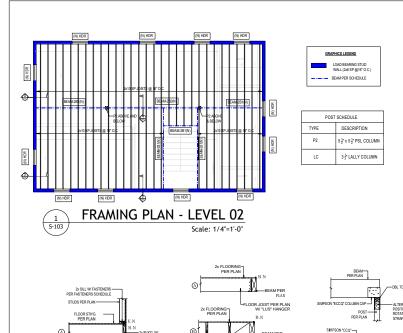
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S-101









BEAM SCHEDULE				
TYPE	DESCRIPTION			
BEAM - 2B1 (N)	(2) 1 <sup>3n</sup> / <sub>4</sub> x 11 <sup>7n</sup> / <sub>8</sub> LVL			
BEAM - 282 (N)	(3) 1 <sup>3</sup> / <sub>4</sub> " x 14" LVL			

HEAD	ER SCHEDULE
TYPE	DESCRIPTION
HDR	(2) 2x10 HEADER (2) 2x6 JACKS

- DESIGN LOADS INCLUDE:

FLOOR LIVE LOAD : 40PSF FLOOR DEAD LOAD : 15 PSF ROOF LIVE LOAD : 20PSF ROOF DEAD LOAD : 15 PSF

- LVL's SHALL BE "MICROLLAM" BY WEYERHAEUSER OR EQUAL WITH A SINGLE MEMBER BENDING STRESS OF 2,600 PSI
- ALL CONNECTION HARDWARE ASSOCIATED WITH THE DECK FRAMING INCLIDING HANGERS, BOLTS, AND NAILS IS TO BE HOT DIPPED GALVANIZED OR STAINLESS STEEL IF STAINLESS

PROJECT NAME

INTERIOR RENOVATION & ADDITION

1933 CRESTMOORE DRIVE, DECATUR, GA 30032

STRUCTURAL ENGINEER



THESE PLANS HAVE SEEN PREPARED FOR A SHALL PROJECT-THESE PLANS AND THE PROPERTY OF DISSIPE ENGINEER. JAN REPRODUCTION OF COPYRIGHT OF THE REPORT OF CONTAINED ON THESE PLANS IS CONSIDERED AN EXPROSEMENT ON

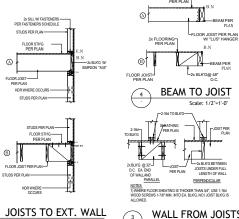
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LEVEL

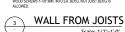
hoject number : Date : 08.09.2024

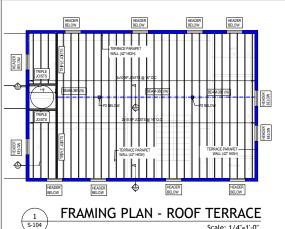
S-103

BEAM TO POST



Scale: 1/2"=1'-0"







BEAM	SCHEDULE
TYPE	DESCRIPTION
BEAM - 3B1 (N)	(2) 1
BEAM - 3B2 (N)	(3) 1 ½" x 14" LVL

- VERIFY ALL CONDITIONS IN THE FIELD AND WITH THE ARCHITECTURAL DRAWINGS, NOTIFY ARCHITECT WITH ANY DISCREPANCIES.
- THE CONTRACTOR IS RESPONSIBLE FOR TEN DESIGN LOADS INCLUDE:

FLOOR LIVE LOAD : 40PSF FLOOR DEAD LOAD : 15 PSF ROOF LIVE LOAD : 20PSF ROOF DEAD LOAD : 15 PSF

- LVL's SHALL BE "MICROLLAM" BY WEYERHAEUSER OR EQUAL WITH A SINGLE MEMBER BENDING STRESS OF 2 800 PSI
- FOR FASTENING NOT SPECIFIED IN THE PLANS, FOLLOW THE PRESCRIPTIVE REQUIRED OUTLINED IN IBC 2015, TABLE 2904.9.1
- ALL CONNECTION HARDWARE ASSOCIATED WITH THE DECK FRAMING INCLUDING HAND BOLTS, AND NAILS IS TO BE HOT DIPPED GALVANIZED OR STAINLESS STEEL. IF STAINLESS

INTERIOR RENOVATION & ADDITION

1933 CRESTMOORE DRIVE, DECATUR, GA 30032

STRUCTURAL ENGINEER



	DRIVE			
No.	Description	Date		
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	TITLE			
FR	FRAMING PLAN - ROOF			
	TERRACE			

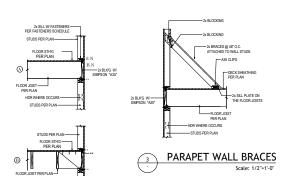
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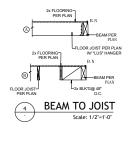
S-104

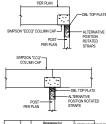
POST SCHEDULE

P2 5 ½" x 5 ½" PSL COLUMN LC 3 ½ LALLY COLUMN

FRAMING PLAN - ROOF TERRACE Scale: 1/4"=1'-0"







	Beam Width	Dimensions (in.)							
Model No.		Beam Width W1	W2	L1		н	1		
				ccq	ECCQ	n	Beam	Post	
CCQ3-8HDG	31/8	3 1/4	5 1/2	11	81/2	7	16	14	
CCQ44HDG	4x	358	358	11	81/2	7	16	14	
CCC046HDG	4x	358	5 1/2	11	81/2	7	16	14	
CCQ48HDG	4x	358	7 1/2	11	81/2	7	16	14	
ССОВЕНОС	бx	5 1/2	5 1/2	11	81/2	7	16	14	
ССОВЕНОС	бx	5 1/2	7 1/2	11	81/2	7	16	14	

BEAM TO POST

JOISTS TO EXT. WALL Scale: 1/2"=1'-0"

STUDS PER PLAN

Dear Members of the Zoning Board of Appeals,

My name is Brian Ortiz, and I am writing to formally request a variance from Section 27-4.2.3 - (10) of the Dekalb Zoning Ordinance. My request pertains to using an existing basement as an accessory dwelling unit (ADU) at my property located at 1933 Crestmoore Drive. The purpose of this variance is to facilitate the legal use of the basement as an ADU, which is essential for providing necessary housing for my mom, who suffered a stroke during the height of COVID and struggles to go up and down stairs in her current condition of only being able to move right side of her body. Also contributing to the overall housing supply in our community.

### 1. Physical Conditions of the Site

The unique physical conditions of my property necessitate this variance. The basement was originally constructed in 1951, and due to its existing structure, it cannot be resized or altered in a way that complies with the current zoning ordinance. Additionally, the property features a 10-foot drop slope, which, according to the ordinance definition, qualifies it as a basement. These conditions are inherent to the property and are not a result of any modifications made by the previous owners or me.

### 2. Minimum Variance Necessary

My request is solely for the minimum variance necessary to allow the existing basement, built in 1951, to be utilized as an ADU. No new expansion or structural modifications are proposed beyond what is needed to bring it into compliance as a livable space.

### 3. Public Welfare

The proposed use of the basement as an ADU will have a positive impact on the surrounding community. I have received signatures of support from my neighbors, who do not anticipate any adverse effects on privacy, noise, or traffic. Furthermore, this change will provide a functional and aesthetic improvement to the immediate area, aligning with the character of the neighborhood while increasing the overall livability of the property.

## 4. Ordinance Hardship

A strict interpretation of the zoning ordinance in this case would create an undue hardship. If the variance is denied, it would be impossible to use the basement as an ADU, thereby leaving my mother, who suffered a stroke in 2020 and is unable to walk up or down stairs, without a home. The existing structure and natural topography of the property make compliance with current zoning requirements impractical without an unreasonable burden.

### 5. Alignment with the Spirit of the Law

Granting this variance supports the broader goals of infill development, as outlined in DeKalb County Comprehensive Plan. Utilizing an existing structure in this manner contributes to addressing the housing shortage by increasing available living space without altering the neighborhood's density or character. The ADU not only provides an immediate housing solution but also allows for potential additional housing opportunities in the future.

In conclusion, I appreciate your time and consideration of my variance request. I am committed to ensuring that this proposed use aligns with the goals and policies of Dekalb County. Please feel free to reach out if any additional information is needed.

Sincerely,

Brian Ortiz

Cell: (404) 919-4638

Email: Wenchi512@hotmail.com