

### CARTERSVILLE BOARD OF ZONING APPEALS MEETING

Council Chambers, Third Floor of City Hall Thursday, April 11, 2024 at 5:30 PM

#### **AGENDA**

#### **BOARD MEMBERS:**

Lamar Pendley – Chairman

Linda Brunt

John Clayton

J.B. Hudson

Kevin McElwee

Jacqueline Hendricks

Patrick Murphy

**CITY CLERK:** 

Julia Drake

PLANNING DIRECTOR:

Randy Mannino

**CITY PLANNER:** 

David Hardegree

**CITY ATTORNEY:** 

Keith Lovell

#### **CALL TO ORDER**

#### **ROLL CALL**

#### APPROVAL OF MINUTES

1. February 8, 2024

#### **VARIANCE CASES**

- 2. V24-08. 105 Grassdale Rd. Applicant: Emery Harris
- 3. V24-09. 367 Etowah Dr. Applicant: Charles Douglas Cox
- 4. V24-10. 518 N. Gilmer St. Applicant: Reymundo Salazar

#### STAFF OR COMMITTEE COMMENTS

#### **OTHER**

The next meeting of the Board of Zoning Appeals will be May 9, 2024.

Persons with disabilities needing assistance to participate in any of these proceedings should contact the human resources office, ADA coordinator, 48 hours in advance of the meeting at 770-387-5616.

P.O Box 1390 – 10 N. Public Square – Cartersville, Georgia 30120 Telephone: 770-387-5616 – Fax 770-386-5841 – <a href="www.cityofcartersville.org">www.cityofcartersville.org</a>



## BOARD OF ZONING APPEALS ITEM SUMMARY

MEETING DATE:	April 11, 2024
SUBCATEGORY:	Approval of Minutes
DEPARTMENT NAME:	Planning and Development
AGENDA ITEM TITLE:	February 8, 2024
DEPARTMENT SUMMARY RECOMMENDATION:	The Board of Zoning Appeals Minutes have been uploaded for your review and approval
LEGAL:	N/A

#### Item 1.

#### MINUTES OF THE CARTERSVILLE BOARD OF ZONING APPEALS

The Cartersville Board of Zoning Appeals met in a regularly scheduled meeting on February 8, 2024, in the Council Chambers.

#### **ROLL CALL**

Board Members Present: Lamar Pendley, Kevin McElwee, Linda Brunt, John Clayton Absent: JB Hudson\*, Patrick Murphy and Jacqueline Hendricks

Staff Present: Zack Arnold and Julia Drake

#### APPROVAL OF MINUTES

#### 1. January 11, 2024

Board Member Clayton made a motion to approve the minutes from January 11, 2024. Board Member McElwee seconded the motion. Motion carried unanimously. Vote: 4-0 with Chairman Pendley voting.

Zack Arnold, Assistant City Planner, stated that despite her absence, Jacqueline Hendricks is the newest member of the Board of Zoning Appeals and will replace Malcolm Cooley.

**Applicant: Todd Adams** 

J.B. Hudson joined the meeting at 5:33PM.

#### VARIANCE CASES

#### 2. V24-07: 216 W. Main St.

Variance: To allow an accessory structure to be constructed in the front yard of a double frontage lot (Sec. 4.9) and to allow accessory structure to encroach 3ft into the front yard setback (Sec. 6.5.3)

Zack Arnold, Assistant City Planner, gave an overview of the case stating this was a variance application by applicant, Todd Adams, for property located at 216 W. Main St., zoned R-7 Residential. Setbacks are Front- 20ft, Rear- 20ft and Side- 8ft. Said property contains approximately 0.40 acres. The lot is a multi-frontage lot with frontages along Etowah Dr., Tabernacle St., and W. Main St.

The applicant proposes to construct a detached garage in the location of an existing carport to the south of the home. The new structure will be located in the front yard along Etowah Dr., and encroach 3ft into the side yard setback.

Chairman Pendley opened the public hearing.

Todd Adams, 216 W. Main St., came forward to represent the application and proceeded to show the Board Members on the screen the exact location of the proposed garage.

Chairman Pendley inquired if the garage would be used as a residential dwelling to which Mr. Adams stated no.

With no	one else to	come	forward t	o speak	for or	against the	e application,	the public	hearing v	vas
closed.										

Item 1.

Board Member McElwee made a motion to approve V24-07. Board Member Brunt seconded the motion. Motion carried unanimously. Vote: 5-0 with Chairman Pendley voting.

With no other business to discuss, Board Member McElwee made a motion to adjourn at 5:45 P.M.

March 14, 2024	/s/
Date Approved	Chairman



## BOARD OF ZONING APPEALS ITEM SUMMARY

MEETING DATE:	April 11, 2024
SUBCATEGORY:	Variance
DEPARTMENT NAME:	Planning and Development
AGENDA ITEM TITLE:	V24-08. 105 Grassdale Rd. Applicant: Emery Harris
DEPARTMENT SUMMARY RECOMMENDATION:	Variance to increase the allowed height and area of an accessory structure.
LEGAL:	N/A

P.O. Box 1390 • 10 North Public Square • Cartersville, Georgia 30120 Telephone: 770-387-5600 • Fax: 770-387-5605 • www.cityofcartersville.org

### **MEMO**

To: BZA

From: Randy Mannino/ David Hardegree

CC: Keith Lovell Date: February 28, 2024.

Re: File # V24-08 Increase allowable height and area for an accessory structure.

Variance application by Emory Harris for property located at 105 Grassdale Rd. and zoned R-20 (Single Family Residential). Said properties contain approximately 0.46 acres.

Mr. Harris wishes to construct a two-story accessory structure in the rear yard that will serve as a personal hobby shop for wood and metal working. The structure is planned at 24ft x 50ft with a 12ft. wide wrap-around porch on the west and south sides. The total floor area of the two-story structure is 2,400sf. The total height above grade at the roof peak will be approximately 24ft.

The existing house contains a heated floor area of approximately 1,366sf. The floor area of the accessory structure will exceed the floor area of the house by 1,034sf. The allowed floor area is 50% of the house floor area or 683sf.

City GIS and available images place the height of the existing house at approximately 22ft. above the left side yard grade.

The rear yard slopes from right to left. The justification letter states the accessory structure will be raised approximately 2ft above the lowest point at the accessory structure for positive drainage. This will give the highest point of the accessory an elevation of approximately 773.2. The highest point of the house roof has an elevation of approximately 769.9. The accessory structure roof will be approximately 3.3 feet above the house.

Per the zoning ordinance for accessory structures, Sec. 4.9, an accessory structure shall be no larger than fifty (50) percent of the principal structure floor area and shall not exceed the height of the most prevalent roof top of the principal building on the property.

The variance request is for the following:

- 1. To increase the allowed area of an accessory structure from 683sf to 1,034sf. (Sec. 4.9); and
- 2. To increase the allowed height of an accessory structure roof above the existing house roof by approximately 3.3ft. (Sec. 4.9)

#### **Department Comments Received**

**Electric Department**: Takes no exceptions.

Fibercom: Takes no exception

**Fire Department:** CFD takes no exceptions to the variance request for an accessory structure at 105 Grassdale Rd. provided all adopted codes and ordinances of the city od Cartersville are followed.

Gas Department: Takes no exception

Public Works Department: Takes no exception

**Water Department:** This property is not located in Cartersville's Water Department sewer service area. Please contact Bartow County for comments regarding sewer service.

This property is located in Cartersville's Water Department water service area. The requested variance will have no effect on water service to this site.

#### **Public Comments Received by Staff**

None as of 2-28-24.

#### **Justification:**

Please review the following findings, as stated in the Zoning Ordinance, that are to be utilized in determining justification for approval or denial of variance request(s).

## Chapter 26, Zoning. Sec. 2.2 Definitions:

<u>Floor area, gross.</u> The total number of square feet of floor area in a building determined by horizontal measurements between the exterior faces of walls, excluding basement areas, porches, carports, and garages.

#### Sec. 4.9. Accessory uses, buildings or structures.

Accessory uses, buildings, or structures on residential lots shall be located within a rear yard only and be a minimum of five (5) feet from all property lines which do not abut a street right-of-way. A detached garage or carport may be allowed in a side yard of a residential lot and, if so placed, shall comply with the side yard setback requirements of the district. In the case of a residential corner lot, in which a lot abuts or adjoins the intersection of two (2) or more streets other than an alley, an accessory structure may be allowed in a side yard and, if so placed, shall comply with the side yard setback requirements of the district.

Accessory uses, buildings, or structures on nonresidential lots shall not be allowed in the front yard and must comply with side and rear yard requirements established for the zoning district in which such accessory buildings or uses are located. The following accessory uses, buildings, or structures on nonresidential lots may be allowed in a front yard of a nonresidential lot and, if so placed, shall comply with the front yard setback requirements of the district: ATMs (automated teller machines) and service stations.

All accessory uses, buildings, or structures in all zoning districts shall be subordinate to the principal structure. An accessory building's floor area shall be no larger than fifty (50) percent of the principal structure floor area. Accessory structures shall not exceed the height of the most prevalent roof top of the principal building on the property.

Outdoor play structures or play sets in commercial districts, commonly associated with fast-food eating establishments, shall be located in a side or rear yard only and shall comply with the required yard setbacks of the district.

All site plans for multifamily, commercial, and industrial buildings shall include a solid waste container pad that has easy and safe access for a front-end loader. Solid waste containers shall be screened from all streets and adjoining properties with a solid, opaque fence or wall which shall be a minimum of six (6) inches taller than the container.

An amenity, as defined by this chapter, shall not be considered an accessory structure.

#### Sec. 21.3. - Powers and duties of the board of zoning appeals.

- 21.3.3. *Variances*. The board of appeals has the power to hear requests for variances from the provisions of this chapter. Variance may be granted only if the board finds all of the following to exist:
- A. That one (1) of the following is true, through no action or fault of the property owner or predecessor:
  - 1. The property is exceptionally narrow, shallow or unusually shaped;
  - 2. The property contains exceptional topographic conditions;
  - 3. The property contains other extraordinary or exceptional conditions; or
  - 4. There are existing other extraordinary or exceptional circumstances; and
- B. That the strict application of the requirements of this chapter would result in practical difficulties to, or undue hardship upon, the owner of this property; and
- C. That the requested variance relief may be granted without substantially impairing the intent and purpose of this chapter.

Variance decisions shall be issued in writing within ten (10) business days of the hearing.

#### 21.3.4.

Conditions. In granting a variance, the board of appeals may attach such conditions regarding the location, character and other features of the proposed building, structure, property, development standards or use as it may deem advisable so that the purpose of this chapter will be served, public safety and welfare secured and substantial justice done.

#### STANDARDS FOR EXERCISE OF ZONING POWERS.

- The existing land uses and zoning of nearby property.
   The surrounding properties are zoned for residential and used for that purpose.
- 2. The suitability of the subject property for the zoned purposes.

  The property is suitable for the zoned purposes.
- 3. The relative gain to the public, as compared to the hardship imposed upon the individual property owner.
  - There is no public gain. A variance approval would allow the property owner to construct the accessory structure for his enjoyment.
- 4. Whether the subject property has a reasonable economic use as currently zoned.

  The property has a reasonable economic use as currently zoned.
- 5. Whether the zoning proposal will permit a use that is suitable in view of the use and development of adjacent and nearby property.
  - The proposed variance would have no effect on the use of adjacent or nearby properties.
- 6. Whether the proposed zoning will adversely affect the existing use or usability of adjacent or nearby property.
  - The proposed variance should not have an adverse effect on the existing use or usability of adjacent or nearby properties.
- 7. Whether the zoning proposal is in conformity with the current future development plan and community agenda of the comprehensive land use plan as currently adopted or amended in the future.
  - The proposed variance has no impact on the Future Development Plan or Comprehensive Plan.
- 8. Whether the zoning proposal will result in a use which will or could adversely affect the environment, including but not limited to drainage, wetlands, groundwater recharge areas, endangered wildlife habitats, soil erosion and sedimentation, floodplain, air quality, and water quality and quantity.
  - No adverse environmental impact is anticipated.
- 9. Whether the zoning proposal will result in a use which will or could cause an excessive or burdensome use of existing streets, transportation facilities, utilities, or schools.
  - The proposed variance will not increase the burden to streets, transportation, or utilities.

10. Whether there are other existing or changing conditions affecting the use and development of the property which give supporting grounds for either approval or disapproval of the zoning proposal.

There are no known conditions.

## Google Maps 105 Grassdale Rd

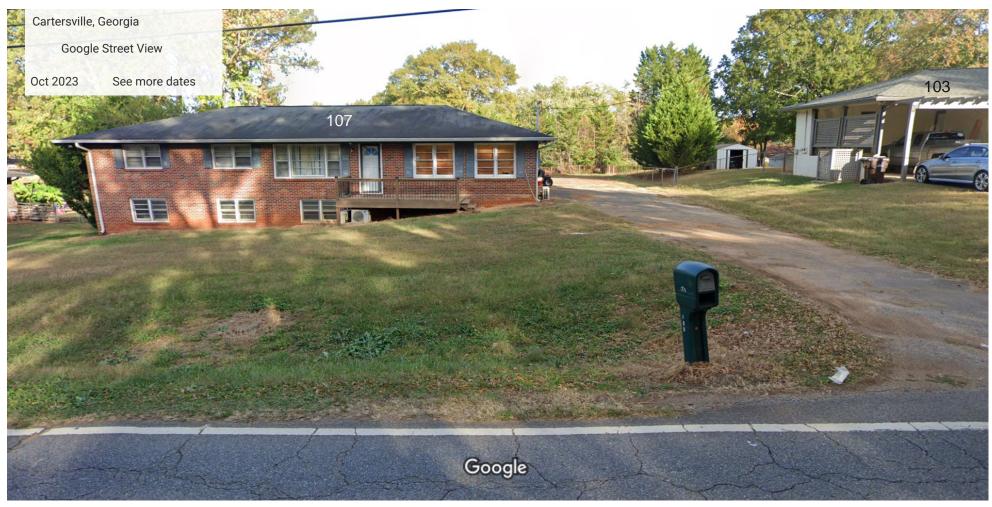


Image capture: Oct 2023 © 2024 Google



## Google Maps 107 Grassdale Rd



Image capture: Oct 2023 © 2024 Google





City Pictometry

## **@qPublic.net**<sup>™</sup> Bartow County, GA



Overview



Legend

Parcels
Roads

Parcel ID C086-0001-007
Sec/Twp/Rng n/a
Property Address 105 GRASSDALE RD

Alternate ID 37625 Class Residential Acreage 0.46 Owner Address HARRIS EMORY

105 GRASSDALE ROAD

CARTERSVILLE, GA 30120

**District** Cartersville

Brief Tax Description LL 127 D 4 LOT 23 COUNTRY CLUB (Note: Not to be used on legal documents)

Date created: 1/25/2024 Last Data Uploaded: 1/24/2024 8:40:51 PM

Developed by Schneider

## City of Cartersville Application for Variance

**Board of Zoning Appeals** 

Hearing Date: 3 14/24	5:30pm	Application Number: V24-08
1/		Date Received: 10/24
Applicant Emory Harri (printed name)	'S Offic	ce Phone
Address 105 Stuss dale	nd. Mo	bile/Other Phone 770-316-3214 120 Email Neetol man@gmailen
Civartos Ville Sta	ate 24 Zip 301	
Representative's printed name (if other than a	applicant)	Phone (Rep)
	Em	my Hang
Representative Signature  Signed, sealed and delivered in presence of:	Applicant,	Signature  A My commission expires:
A.D.	EXPIRES	E 1129/210
Notary Public	SA GEORGIA	
En ex Houses	MINT DING C	\$0-3/6-32/4
* Titleholder (titleholder's printed name)	Phone //	Neetolmone @ gmail. Come
6 4.9	fust of Email	NECTO MORE CO gmail Come
Signature Signed, sealed, delivered in presence of:	LIZABETH OTARY	My commission expires:
Herro !	GEORGIA	11/29/20
Notary Bublin	11/29/26 PUBLIC IN	
Present Zoning District R-20	ONG COMM	Parcel ID No. <u>C096-0001-007</u>
Acreage 0.46 Land Lot(s) 12	7 District(	s) 04 Section(s) 3
	dole 1d.	4.9
Zoning Section(s) for which a variance is being Summary Description of Variance Reques(:	requested:	building Height and
Square footage.	Justificat	on Affer Attached.
* Attach additional notarized signatures		ovided on Justifation Letter) rate application pages.

#### **CONDITIONS VERIFICATION**

List the Article(s), Section(s) and Subsection(s) of the Zoning Ordinance for which a variance is requested.

Article/	V (4) Sec	ction 9	Subsection	
Article	Sec	ction	Subsection	
Article	Sec	ction	Subsection	
any order, requ the zoning ordi	irement, decision, o nance. The Board ha	r determination mad s the power to hear	de by the zoning admin requests for variances	e it is alleged there is error in istrator in the enforcement of from the provisions of the tion pertaining to conditions.
	nd the Board of Zoni conditions that app		-	pplication, please check all of
1	The property is exce	eptionally narrow, sl	nallow or unusually sha	ped,
2	The property conta	ins exceptional topo	graphic conditions,	
3.	The property contain	ins other extraordin	ary or exceptional cond	litions; and
4	There are other exis	sting extraordinary o	or exceptional circumst	ances; and
5		on of the requiremer hip upon, the owner		ould result in practical difficultie
6	The requested varia		anted without substan	tially impairing the intent and
1	mments by Applica		bulding is Lustification	Sprictly for Home owner, j on Letter for

## **@qPublic.net**<sup>™</sup> Bartow County, GA



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Roads

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105 GRASSDALE ROAD

CARTERSVILLE, GA 30120

**District** Cartersville

Brief Tax Description LL 127 D 4 LOT 23 COUNTRY CLUB (Note: Not to be used on legal documents)

Date created: 1/25/2024 Last Data Uploaded: 1/24/2024 8:40:51 PM



#### **Emory Harris**

105 Grassdale Rd. Cartersville, Ga 30120 (770) 316-3214 Neetolman@gmail.com

10th January 2024

#### City of Cartersville Board of Zoning Appeals

City of Cartersville City Hall 10 North Public Square Cartersville, Ga 30120

#### Dear Board Members,

I am writing to you to request a variance to Article 4 Section 9 of the zoning ordinances concerning an accessory building I would like to build on my property located at 105 Grassdale Rd. Cartersville Ga. 30120. The variances I am requesting concern those of building height and overall square footage of the planned structure.

This accessory building will be used for storage as well as a personal hobby shop for both wood and metal working in addition to my other personal activities. These include sewing, lapidary, cloisonne, reloading, the reproduction of various historical artifacts, and other endeavors. I am currently able to perform only a few of my hobbies inside the primary residence. For the majority of them I must travel to a friend's house several hours away from home to where I have materials and equipment stored. My duties and responsibilities as a Civil Engineer mean that the travel time and logistics of equipment and supplies stored at other locations takes up the majority of the limited time I have for creative expression and hobby enjoyment.

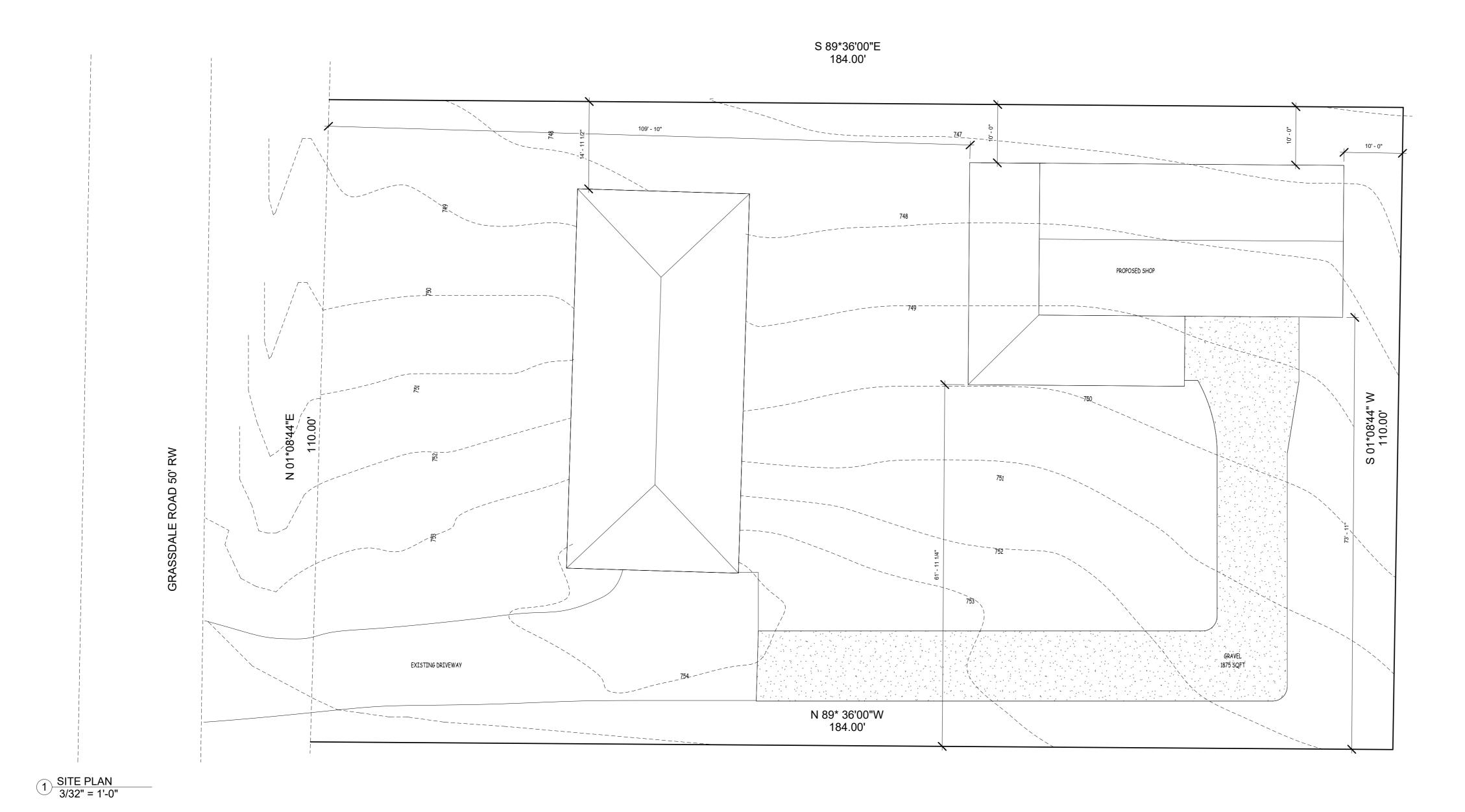
The requested variance to building height will allow me to have enough internal height to move and orient stored materials for use without damaging equipment or lighting. This variance will also allow me to elevate the building slab finished floor elevation two feet above the lowest grade to maintain drainage around the foundation and allow for a softer vertical curve for the driveway access into the structure due to the steep slope present in the yard. The square footage allowed by the ordinances is inadequate for my needs of housing woodworking equipment as well as a metal lathe and mill of respectable size in a usable manner. The requested variance to building square footage will allow me to house the equipment, materials, and support items of my hobbies while using and enjoying them in a safe and responsible manner in a space separate from my home.

As I drive through the area near my property I have noticed several structures that have previously received similar variances for height and size that do not impact the aesthetics of this neighborhood nor do they convey the feeling of being out of place or obtrusive. I have worked with a designer on the provided plans in an effort to achieve the same result in what I am requesting to be permitted. Due to the elevations involved, the surrounding trees, and the location chosen I do not believe that the building will be very visible to travelers on Grassdale Rd. The provided plans include an elevation photo with the proposed structure imposed behind the primary structure. The photo portrays the maximum amount of building I believe will be visible from Grassdale Rd.

If you have any questions or need any additional information please feel free to contact me and I thank you for your time and consideration of my request.

Sincerely,

**Emory Harris** 





# HARRIS SHOP

105 GRASSDALE ROAD





www.nowevolved.com

A1) Evolve LLC assumes no liability for any structure constructed from these drawings. The architectural drawings convey aesthetic design.

A2) Plans indicate locations only. Engineering aspect should incorporate actual site conditions.

A3) All framing member spacing and connections are to be determined by the contractor or designed by an engineer.

Execution of the Contract by the Contractor is a representation that the Contractor will perform the following:

C1) Contractor must verify all dimensions. Drawings are not to be scaled.

C2) Contractor is to report to Evolve any errors, omissions or inconsistencies discovered or made known to him/her in the drawing before proceeding.

nonconformity discovered or made known to him/her between the drawings and all APPLICABLE BUILDING CODES.

C3) Contractor shall report to Evolve any

C4) Contractor is responsible for quality of material and workmanship.

C5) Contractor is responsible for means and methods of construction.

No.	Description	Date
1	HARRIS - PERMIT SET	9/19/2023
-		

## HARRIS SHOP

## **COVER SHEET**

Project number	105 GRASSIDALE
Date	9.19.23
Drawn by	
Checked by	
	A0
Scale	3/32" = 1'-0"

#### GENERAL CONSTRUCTION NOTES

#### \*ALL WORK (ELECTRICAL, PLUMBING, MECHANICAL) MUST COMPLY WITH IRC 2015 CODES\*

- 1. MAXIMUM RISE OF A STEP IS 7-3/4" AND THE MINIMUM RUN OF A STEP IS 10" (IRC R311.5.3). 2. A CONTINUOUS HANDRAIL IS REQUIRED ALONG ONE SIDE OF STAIRWAYS & IS REQUIRED TO BE 34"-38" ABOVE THE NOSING OF THE STEPS. HANDRAIL MUST TERMINATE INTO A SAFETY TERMINAL. SIZE TO BE 1 3/8" MIN. - 2 1/2" MAX DIA. (IRC R311.5.6).
- 3. ALL DECKS, PORCHES, OR STAIRS HIGHER THAN 30" ABOVE THE WALKING SURFACE REQUIRE A GUARD RAIL 36" HIGH WITH/ MAXIMUM OPENINGS LESS THAN 4" (INTERIOR OR EXTERIOR) (IRC R312.1)
- 4. ANY ENCLOSED USABLE SPACE UNDER STAIRS ARE REQUIRED TO BE PROTECTED BY 1 HOUR FIRE-RESISTIVE CONSTRUCTION. (USE 1/2" GYP. BOARD)(R311.2.2)
- 5. THE MINIMUM STAIRWAY HEADROOM HEIGHT VERTICALLY FROM NOSING LINE IS 6'-8" MIN (IRC R311.5.2).
- 6. THE GARAGE MUST BE SEPARATED FROM THE DWELLING BY 1 HOUR FIRE-RESISTIVE CONSTRUCTION ON THE GARAGE SIDE, CEILING & THE BEARING WALLS. USE 1/2" GYP. BOARD. USE 5/8" TYP 'X' GYP. BOARD ON CEILING IF THERE IS HABITABLE SPACE ABOVE (IRC
- 7. ANY IGNITION UNIT ON ALL FURNACES & WATER HEATERS SHALL BE AT LEAST 18" ABOVE THE FLOOR IN THE GARAGE UNLESS FIRE RESISTIVE CONSTRUCTION IS USED TO SEPARATE THE UNITS FROM THE GARAGE (IRC G2408.2).
- 8. THE DOOR SEPARATING THE GARAGE FROM THE DWELLING IS REQUIRED TO BE 1-3/8" SOLID CORE OR 20 MINUTE RATED, WITH/ APPROVED SELF CLOSING MEANS.
- 9. ICE & SNOW SHIELD MUST BE USED OVER ALL EAVES AT LEAST 24" INSIDE THE HEATED WALLS IF SHINGLES ARE USED.
- 10. ALL SHOWER AREAS TO BE FINISHED UP A MINIMUM OF 72" ABOVE SHOWER DRAIN WITH NONABSORBENT MATERIAL
- 11. PROVIDE FLOOR VENTILATION FOR CRAWLS SPACES AT 1 SQ. FT. PER 150 SQ. FT. OF UNDER FLOOR AREA, OR A RATION OF 1:1,500 WHERE THE SOIL IS COVERED WITH PLASTIC. VENTS TO BE ARRANGED ON AT LEAST TWO SIDES TO PROVIDE CROSS VENTILATION ON OPPOSING SIDES, IRC R408 & R402.2, EXCEPTION 2.
- 12. PROVIDE 30" MINIMUM CLEARANCE FROM RANGE TOP TO COMBUSTIBLE MATERIALS. SIDE CLEARANCE SHALL BE AS SPECIFIED BY PERMANENT MARKINGS ON THE APPLIANCE. RANGE HOODS SHALL BE VENTED TO THE OUTSIDE BY SINGLE WALL PIPE HAVING A 1" MINIMUM CLEARANCE FROM COMBUSTIBLE MATERIALS (IRC R1901.1).
- 13. UNLESS OTHERWISE SPECIFIED, ALL BASEMENT WINDOWS NOT FULLY 6" ABOVE FINISHED GRADE SHALL BE PROTECTED BY G.I. OR CONCRETE WINDOW WELLS. WINDOW WELLS TO BE DUG A DEPTH BELOW THE WINDOW SILL OF 10" TO ALLOW 1" AGGRAVATED GRAVEL TO BE 6" BELOW THE WINDOW SILL.
- 14. FIREPLACE CHIMNEYS SHALL EXTEND 2'-0" ABOVE ANY ROOF LINE WITHIN 10'. ALL MASONRY CHIMNEYS SHALL HAVE TERRA COTTA FLUE LINERS & SHALL BE CAPPED WITH/ A 4" MINIMUM CONCRETE CAP.
- 15. PROVIDE MINIMUM 100 sq. in. OF MAKE-UP AIR TO LAUNDRY ROOM (IRC G2439.4). 16. THE MAXIMUM DRYER EXHAUST VENT LENGTH NOT TO EXCEED 15 FEET WITH NO MORE
- THAN (2) 90 DEGREE BENDS (IRC R1502.6)(M1502.6).

18. SIZE & CONSTRUCTION OF HEARTH TO BE PER MANUFACTURERS SPECIFICATIONS.

- 17. INSULATE ALL DUCT WORK IN COLD AREAS. THIS IS BOTH HEAT RUNS & COLD AIR RETURN. IT ALSO INCLUDES GARAGES, CRAWL SPACES, & UNFINISHED BASEMENTS. (IECC 503.3.3.3)
- 19. ALL FOOTINGS SHALL BE PLACED ON UNDISTURBED EARTH AND BELOW FROST DEPTH (PER LOCAL CODE). TOPS OF FOUNDATIONS SHALL BE 8" MINIMUM ABOVE FINISHED GRADE. FINISHED GRADE SHALL HAVE A SLOPE AWAY FROM THE BUILDING OF 6" MINIMUM FOR THE FIRST 10' & A 2% SLOPE THEREAFTER. ALL DRAINAGE FROM LOT SHALL DRAIN INTO AN APPROVED DRAINAGE SYSTEM
- 20. SOLID BLOCKING TO BE PROVIDED BETWEEN TJI'S, RAFTERS, & TRUSSES OVER ALL BEARING WALLS AND BETWEEN OPEN BEARING STUDS. SUCH BLOCKING SHALL BE 2" MINIMUM THICKNESS AND FULL DEPTH OF TJI, RAFTER, OR STUD.
- 21. ALL EARTH FILL TO RECEIVE CONCRETE FLOORS, WALKS, DRIVES, ETC. SHALL BE SETTLED AND TAMPED TO 90% COMPACTION.
- 22. ENCLOSED ATTICS & ENCLOSED SPACES BETWEEN RAFTERS SHALL HAVE CLEAR CROSS-VENTILATION AREA TO THE OUTSIDE VENTS. VENTS SHALL PROVIDE AIR INTAKE TO MEET THE FOLLOWING CRITERIA: A. 1/150 OF ATTIC AREA. OR B. 1/300 OF ATTIC AREA IF CROSS VENTILATED WITH/ VAPOR BARRIER. ATTICS SHALL BE PROVIDED WITH AN ACCESS OPENING 22" x 30" WITH/ MINIMUM HEAD ROOM CLEARANCE ABOVE ACCESS OPENING OF
- 23. PROVIDE COMBUSTION AIR FOR ALL GAS APPLIANCES AT A RATE OF 1 SQ. INCH PER 4000 BTU's WHERE SPACE IS DIRECTLY COMMUNICATING WITH THE OUTDOORS. OR WHERE COMMUNICATING WITH THE OUTDOORS BY MEANS OF VERTICAL DUCTS. WHERE HORIZONTAL DUCTS ARE USED, EACH OPENING SHALL HAVE A FREE AREA OF AT LEAST 1 SQ. INCH PER 2000 BTU's. PROVIDE ONE DUCT OPENING IN THE TOP 12" OF THE ROOM AND ONE DUCT IN THE BOTTOM 12" OF THE ROOM (IRC R1703.2).
- 24. WINDOW WELLS SHALL PROVIDE A MIN. NET CLEAR OPENING OF 9 sq. ft. WITH/ A MIN. DIMENSION OF 36". IF WINDOW WELL IS DEEPER THAN 44". PROVIDE PERMANENT LADDER.
- 25. GARAGE ATTIC ACCESS DOOR TO BE 20 MIN. FIRE-RATED CONST. OR EQUIVALENT. 26. PROVIDE A GAS SHUTOFF VALVE WITHIN 6' OF ALL GAS APPLIANCES.
- 27. ALL SHOWER DOORS & GLASS IN SHOWER ENCLOSURES TO BE TEMPERED GLASS. ALSO,
- TEMPERED GLASS IS REQUIRED IN REMELESS GLASS DOORS, GLASS IN DOORS, GLASS WITHIN A 24" ARCH OF DOORS, GLAZING LESS THAN 60" ABOVE A WALKING SURFACE THAT IS WITHIN 5 FT. OF STAIRS, CERTAIN FIXED GLASS PANELS, AND SIMILAR GLAZED OPENINGS SUBJECT TO HUMAN IMPACT. 28. PROVIDE AN ACCESS PANEL TO ALL JACUZZI TYPE TUBS.

29. WATER HEATERS & EXPANSION TANKS TO BE TIED DOWN WITH/ SEISMIC STRAPS. STRAPS TO BE (2) 16 GA x 1" WIDE STRAPS LAGGED INTO (2) STUDS MIN. WITH/ 1/4" Ø LAG SCREWS.

- (2) STUD WALL SHEATHED OR COVERED WITH/ GYP. BOARD OR SOLID BLOCKING MAY BE DONE AT STRAP HEIGHT. PROVIDE A MAX. 1" SPACE BETWEEN WATER HEATER AND WALL
- OR BLOCKS. 30. GARAGE DOOR OPENERS, IF PROVIDED, SHALL BE LISTED IN ACCORDANCE WITH UL325.R309.6. 31. EMERGENCY EGRESS SHALL BE PROVIDED FOR BASEMENTS & SLEEPING ROOMS. THE SILL HEIGHT SHALL NOT BE MORE THAN 44" ABOVE THE FLOOR. THE MINIMUM AREA SHALL NOT

BE LESS THAN 5.7 sq. ft. HEIGHT SHALL NOT BE LESS THAN 24" & WIDTH SHALL NOT BE LESS

- 32. PRIVATE RESIDENCE ELEVATORS AND LIMITED USE LIFTS SHALL COMPLY WITH ASME17.1
- AND ASME 18.1 33. GAS PIPING SHALL NOT BE INSTALLED IN OR THROUGH A DUCTED SUPPLY, RETURN, EXHAUST, CLOTHS CHUTE, CHIMNEY, DUMBWAITER, OR ELEVATOR SHAFT. GAS PIPING INSTALLED DOWNSTREAM OF THE POINT OF DELIVERY SHALL NOT EXTEND THROUGH ANY
- TOWNHOUSE UNIT OTHER THAN THE UNIT SERVED BY SUCH PIPING 34. APPLIANCES SHALL NOT BE LOCATED IN SLEEPING ROOMS, BATHROOMS, TOILET ROOMS,
- STORAGE ROOM OR A SPACE THAT OPENS INTO SUCH ROOMS. 35. GAS PIPING INSTALLED UNDERGROUND BENEATH BUILDINGS IS PROHIBITED EXCEPT WHERE THE PIPING IS ENCASED IN A CONDUIT. SUCH CONDUIT SHALL EXTEND NOT LESS THAN 4" OUTSIDE THE BUILDING, SHALL BE VENTED ABOVE GRADE TO THE OUTDOORS AND
- SHALL BE INSTALLED SO AS TO PREVENT THE ENTRANCE OF WATER OR INSECTS. 36. GAS PIPING SHALL NOT PENETRATE BUILDING FOUNDATION WALLS AT ANY POINT BELOW
- 37. EXTERIOR PLASTER WHEN INSTALLED OVER WOOD BASED SHEATHING, REQUIRES THE APPLICATION OF TWO LAYERS OF GRADE D BUILDING PAPER. EACH LAYER SHALL PROVIDE A SEPARATE CONTINUOUS PLANE AND ANY FLASHING INTENDED TO DRAIN TO THE WATER RESISTIVE BARRIERS IS DIRECTED BETWEEN THE TWO LAYERS.
- 38. STEEL LINTELS SHALL BE SHOP COATED WITH A RUST-INHIBITIVE PAINT, EXCEPT FOR LINTELS MADE OF CORROSION-RESISTANT STEEL.

### PLUMBING NOTES

\*ALL PLUMBING INSTALLATIONS SHALL COMPLY WITH 2015 IRC\*

- 1. PROVIDE LOCATION FOR GAS & ELECTRICAL METERS IN AN AREA THAT IS
- PROTECTED FROM SNOW AND ICE DAMAGE.
- 2. PROVIDE WATER CLOSETS WITH A FLOW RATE OF NOT MORE THAN 1.6 GALLONS PER FLUSH (IRC R2903.2).
- 3. PROVIDE SHOWER HEADS WITH A FLOW RATE OF NOT MORE THAN 2.5 GALLONS PER MINUTE (IRC P2903.2).
- PROVIDE AN EXPANSION TANK ON THE CULINARY WATER SYSTEM. 5. WATER HEATERS AND EXPANSION TANKS TO BE ANCHORED OR STRAPPED IN THE UPPER THIRD OF THE APPLIANCE TO RESIST A HORIZONTAL FORCE EQUAL TO ONE
- THIRD OF THE OPERATING WEIGHT. (IRC P2801.2) HOSE BIBS TO BE NON-FREEZE TYPE BACK-FLOW PREVENT (IRC P2902.3.3, P2603.6).
- ALL PLUMBING VENTS THROUGH ROOF TO BE 3" PIPE MINIMUM.(IRC P3103.2). 8. PROVIDE LOCATION OF ACCESS FOR WHIRLPOOL TYPE TUBS. NO GROUTED TILE
- ACCESS. (IRC P2720, E4109.3) 9. SHOWERS SHALL BE FINISHED TO A HEIGHT OF NOT LESS THAN 72" ABOVE THE
- FLOOR, MATERIAL SHALL BE NON-ABSORBENT, (IRC R307.2) 10. PROVIDE A FLOOR DRAIN BY THE WATER HEATER. SHOW A METAL PAN UNDER THE
- WATER HEATER OR STEAM SHOWER EQUIPMENT IF LOCATED ON A WOOD FLOOR.
- 11. MINIMUM FINISHED SPACE WIDTH FOR WATER CLOSET TO BE 30" WITH/ A MINIMUM CLEARANCE OF 21" IN FRONT OF THE WATER CLOSET.
- 12. PROVIDE A SHUTOFF VALVE FOR ALL PLUMBING FIXTURE SUPPLIES. 13. GREEN BOARD CAN NOT BE USED BEHIND THE TILE IN THE SHOWER AND TUB
- ENCLOSURES. 14. THE HOT WATER SUPPLIED TO BATHTUBS AND WHIRL POOL TUBS SHALL BE LIMITED TO 120 DEGREES MAX BY A WATER TEMPERATURE LIMITING DEVICE ( ASSE 1070) OR BY AN APPROVED COMBINATION TUB/SHOWER VALVE P 2723.3
- 15. BACKFLOW TESTING BY APPROVED THIRD PARTY TESTER WILL BE REQUIRED ON ALL NON-POTABLE CONNECTIONS, (PER IRC SECTION 2902.1.1.)

## MECHANICAL NOTES

#### \*ALL MECHANICAL INSTALLATIONS SHALL COMPLY WITH THE 2015 IRC\*

- 1. MAXIMUM LENGTH OF THE DUCT FOR THE DRYER WITH TWO 90 DEGREE ELBOWS IS
- 2. PROVIDE COMBUSTION AIR FOR ALL FUEL BURNING APPLIANCES AT A MINIMUM RATE OF 1 SQ. INCH PER 3000 BTU/HOUR INPUT. THE ONE OPENING MUST BE IN THE TOP 12 INCHES OF THE ROOM. PROVIDE MINIMUM OF 1 INCH CLEARANCE AROUND THE EQUIPMENT AT SIDES AND REAR OF THE APPLIANCE. PROVIDE MINIMUM OF 6 INCH
- CLEARANCE IN FRONT OF THE APPLIANCE. 3. PROVIDE SHUT OFF VALVE WITHIN 6 FEET OF ALL GAS BURNING APPLIANCES.
- 4. INSULATE HEATING TRUNK AND BRANCH SUPPLY DUCTS IN UNFINISHED AREAS,
- CRAWL SPACES, ATTICS, UNHEATED GARAGES, ETC. IRC NN1103 ALL HEATING DUCTS APPROVED FOR LEAKAGE.
- 6. PENETRATIONS THROUGH WALLS OR CEILINGS SEPARATING THE DWELLING FROM THE GARAGE SHALL BE PROTECTED IN ACCORDANCE WITH R302.5 IN AN APPROVED

### TABLE N1102.1.1 (R402.1.1)

## MINIMUM INSULATION & FENESTRATION REQUIREMENTS

WINDOW & DOORS U-FACTORS	SKYLIGHT U-FACTOR	CEILING R-VALUE	WALL R-VALUE	FLOOR R-VALUE	BASEMENT/CRAWL WALL R-VALUE
0.35	0.60	49	19	30	13

MANNER.

R-VALUES ARE MINIMUMS. U-FACTORS ARE MAXIMUMS. R-19 INSULATION SHALL BE PERMITTED TO BE COMPRESSED INTO 2X6 CAVITY



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nonconformity discovered or made known to him/her between the drawings and all APPLICABLE BUILDING CODES.

C4) Contractor is responsible for quality of

Date

9.19.23

C3) Contractor shall report to Evolve any

material and workmanship. C5) Contractor is responsible for means

and methods of construction.

Description

1	PLAN REVIEW COMMENTS	06.01.1

SHOP **NOTES & SCHEDULE** 

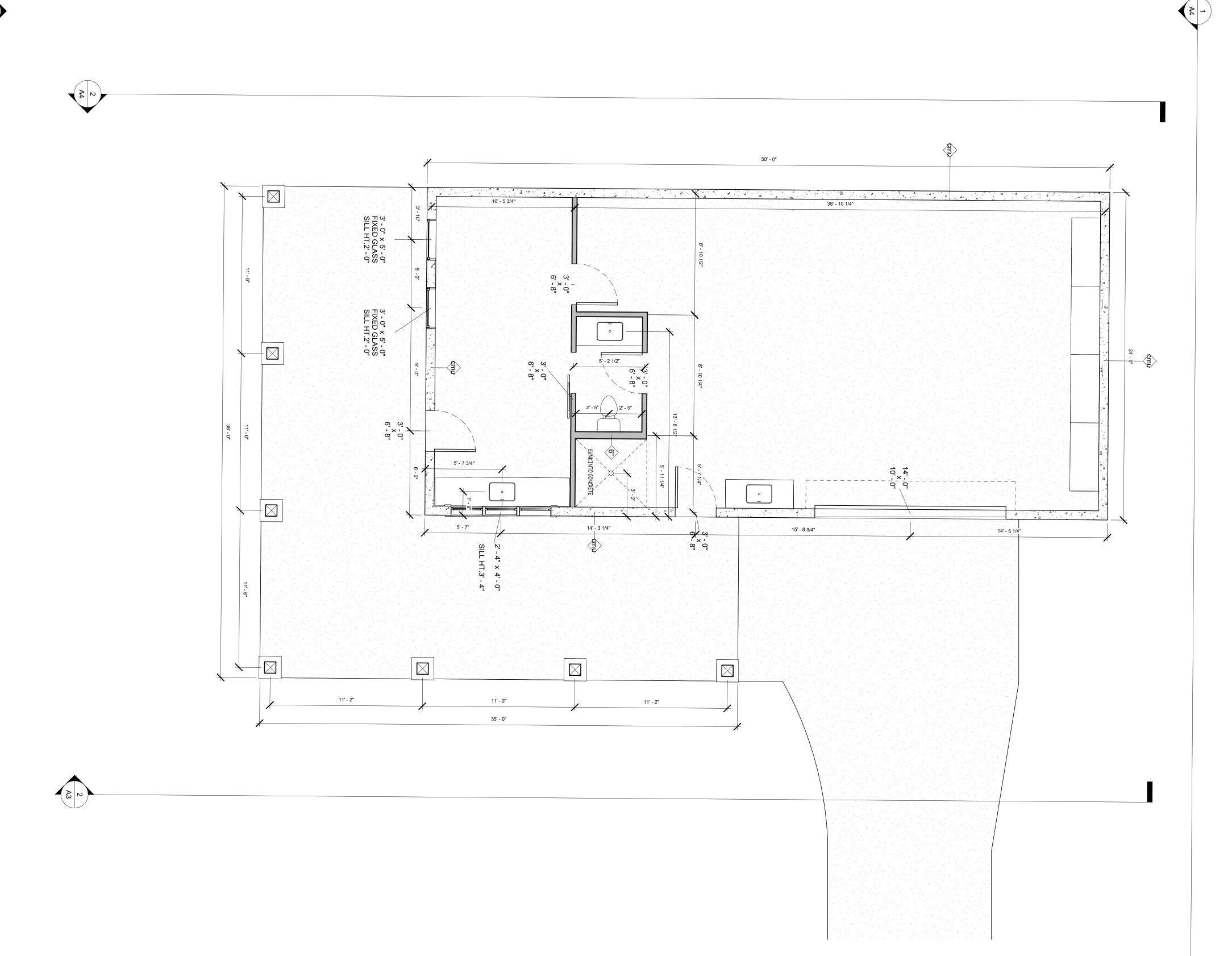
HARRIS

105 GRASSDALE Project number

A0.5

Drawn by Checked by

1/4" = 1'-0"\_\_\_' Scale





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No.	Description	Date

HARRIS SHOP

MAIN LEVEL PLAN

Project number 105 GRASSDALE

Date 9.19.23

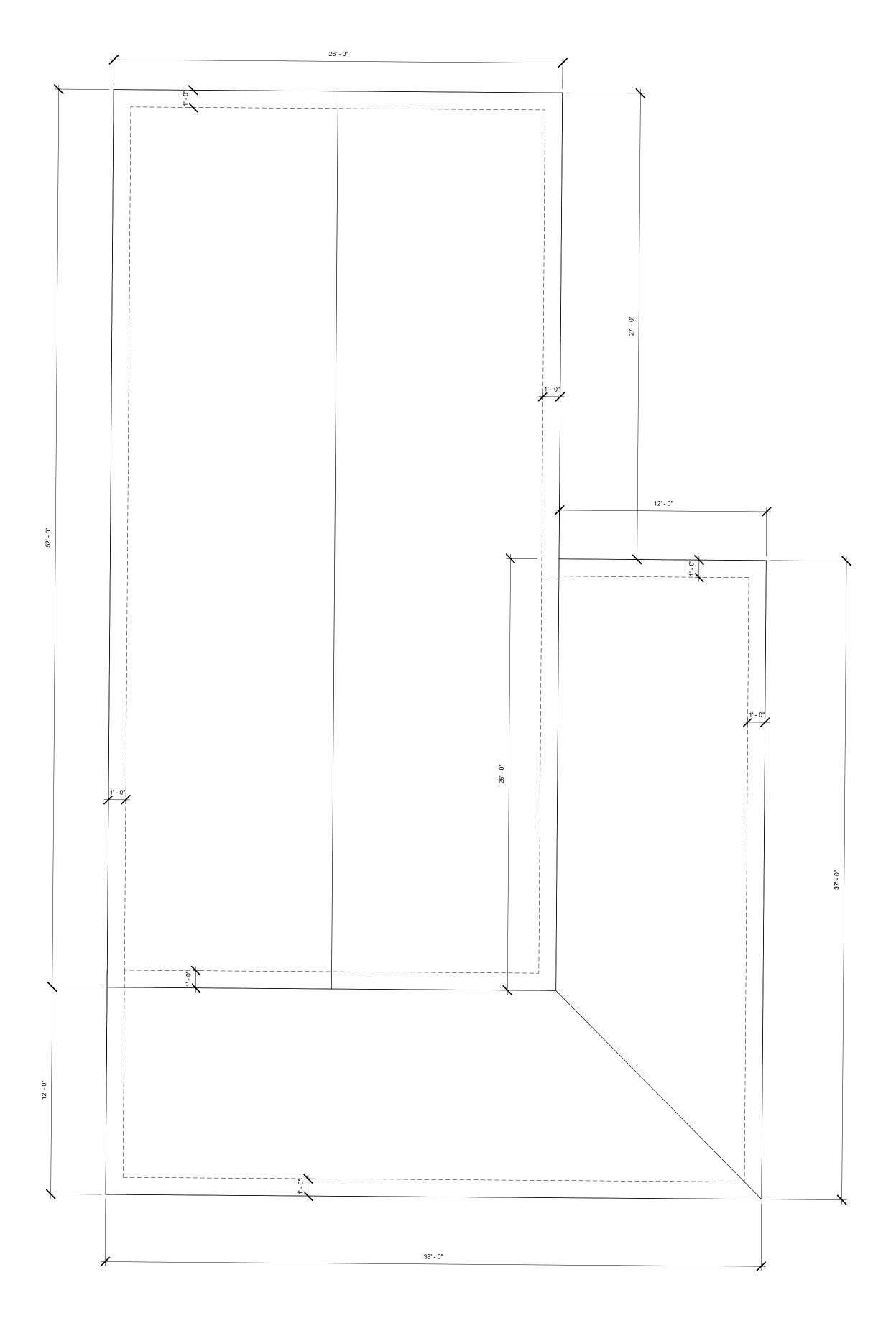
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Checked by

A1.0

Scale

1/4" = 1'-0"



1 ROOF PLAN

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



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No.	Description	Date

SHOP ROOF PLAN

**HARRIS** 

Project number 105 GRASSDALE

Date 9.19.23

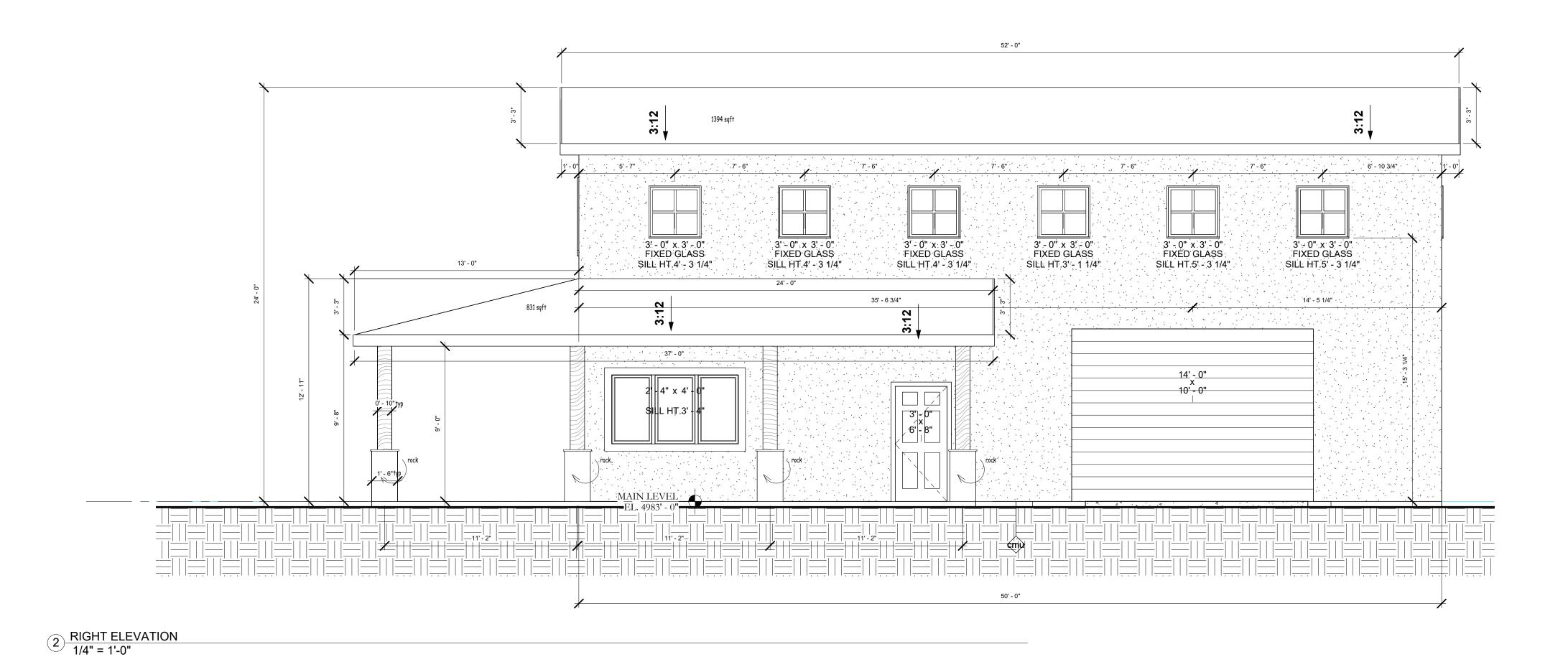
A2

Scale

Drawn by
Checked by

1/4" = 1'-0"





VOLV

Item 2.

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and methods of construction.

No. Description Date

SHOP ELEVATIONS

**HARRIS** 

Project number 105 GRASSDALE

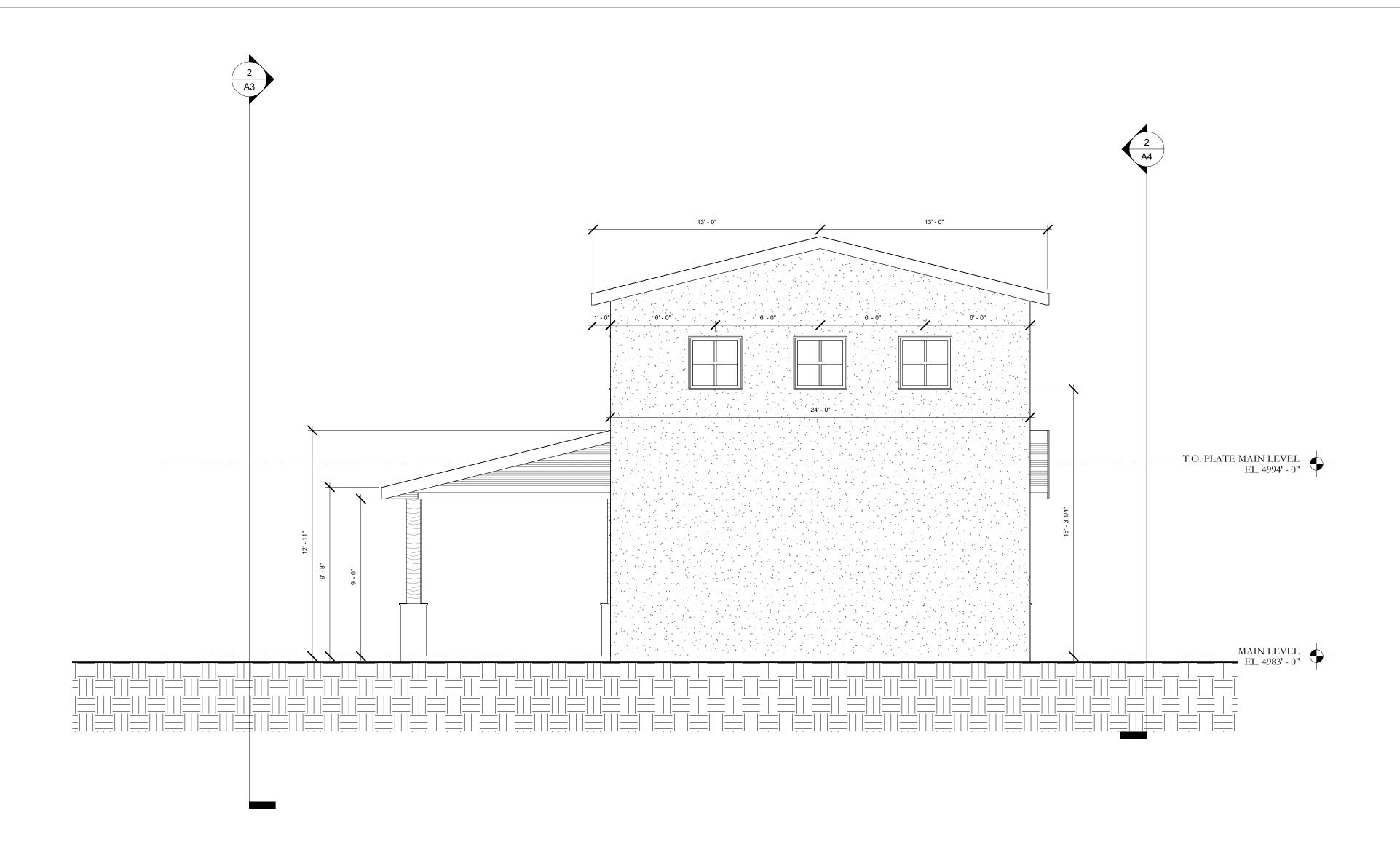
Date 9.19.23

Drawn by CS

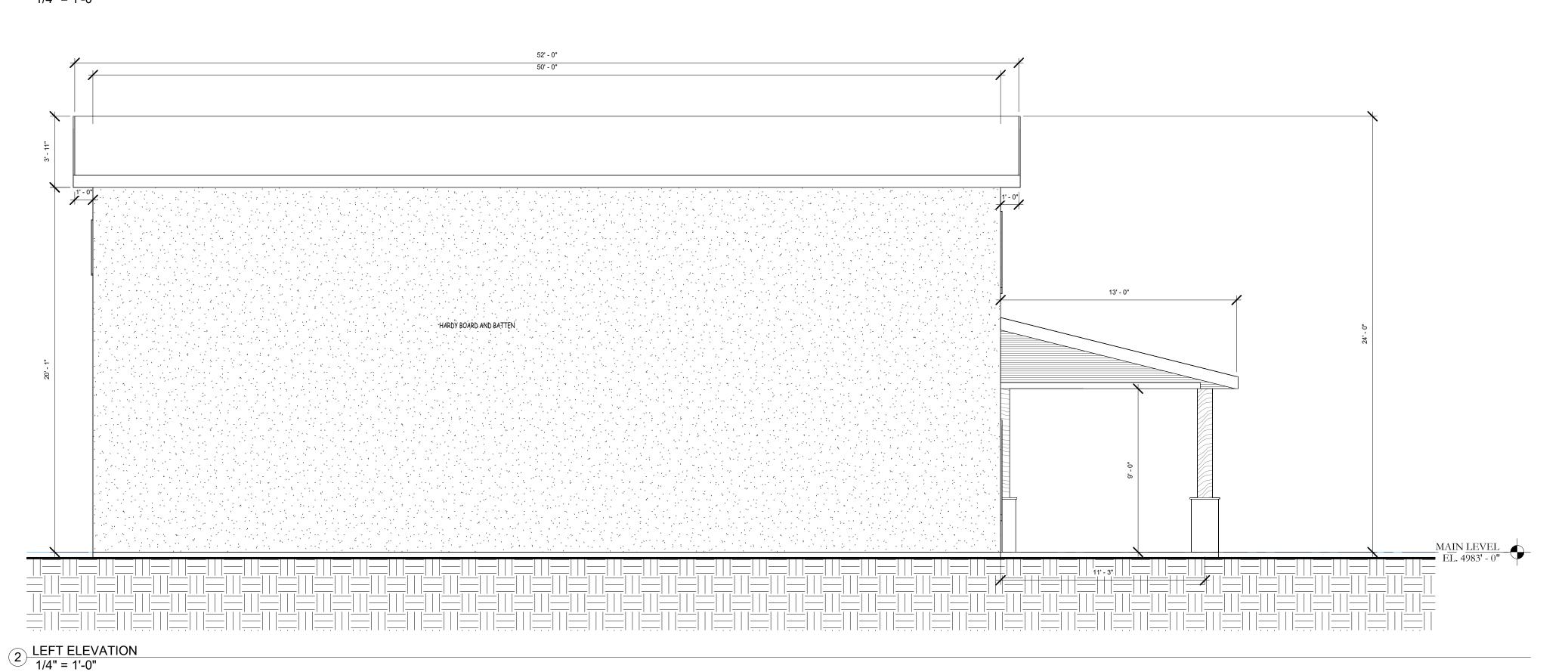
Checked by CS

A3

Scale 1/4" = 1'-0"



1 REAR ELEVATION 1/4" = 1'-0"



VOLV

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No.	Description	Date

HARRIS SHOP

ELEVATIONS

Project number 105 GRASSDALE

Date 9.19.23

Drawn by

Checked by

Scale 1/4" = 1'-0"

### GENERAL STRUCTURAL NOTES

DESIGN CODE: 2015 INTERNATIONAL BUILDING CODE AS AMENDED

1. PROJECT GEOTECHNICAL REPORT NOT PROVIDED.

2. ALL FASTENERS (i.e. NAILS, SCREWS, ANCHOR BOLTS, ETC.) WHICH ARE TO BE INSTALLED IN PRESERVATIVE TREATED WOOD (i.e. SILL PLATES) SHALL MEET THE REQUIREMENTS OF IBC 2304.9.5.

**DESIGN LOADS:** LOADS USED IN DESIGN:

> 1. ROOF A) FLAT ROOF SNOW LOAD, Pf B) SNOW EXPOSURE COEFFICIENT, Ce 1.0 53 psf C) GROUND SNOW LOAD, Pg D) IMPORTANCE FACTOR, I 1.0 2. FLOOR A) LIVE LOAD 40 psf B) DEAD LOAD 15 psf 3. WIND PRESSURE A) BASIC WIND SPEED 115 MPH B) BUILDING CATEGORY C) IMPORTANCE FACTOR, I<sub>W</sub> 1.0

D) EXPOSURE CLASSIFICATION **ENCLOSED** E) ENCLOSURE CLASSIFICATION 4. SEISMIC LOADS A) SEISMIC DESIGN CATEGORY B) SITE CLASS C) IMPORTANCE FACTOR, le D) MAPPED SPECTRAL RESPONSE ACCELERATION 0.685 E) SPECTRAL RESPONSE COEFFICIENT

F) RESPONSE MODIFICATION FACTOR, R

## STRUCTURAL MATERIALS

0.57

6.5

 CONCRETE SLABS 3000 psi @ 28 DAYS ELSEWHERE 3000 psi @ 28 DAYS 2. REINFORCING STEEL #4-#10 BARS: ASTM A615, GRADE 60 #3 BARS: ASTM A185, GRADE 40 MESH: ASTM A185 ASTM A706, GRADE 60 3. WELDED BARS AND ANCHORS 4. WELDED WIRE AND FABRIC ASTM A185 5. TUBES ASTM A500, Fy=46 KSI 6. STEEL SHAPESW SHAPES: ASTM A992, Fy=50 KSI OTHER SHAPES: ASTM A36, Fy=36 KSI ASTM A36, Fy=36 KSI 7. WELDED CONNECTIONS E70XX ELECTRODES 8. BOLTS ASTM A325N 9. ANCHOR BOLTS ASTM A307 or ASTM A36 10. EXPANSION BOLTS RED-HEAD ANCHORS, WEDGE-ALL ANCHORS, OR NATIONAL FASTENERS. PROVIDE ICBO REPORT FOR EXPANSION ANCHORS USED. 11. DIMENSIONAL FRAMING LUMBER DOUGLAS FIR-LARCH #2 OR BETTER (M.C. NOT TO EXCEED 19%) Fv = 180 psi Fcq = 1,350 psi E = 1,600,000 psi 12. POSTS (2015 NDS) DOUGLAS FIR-LARCH #1 OR BETTER (POSTS AND TIMBERS) Fb = 1,200 psi (M.C. NOT TO EXCEED 19%) Fcq = 1,000 psi 13. TIMBER MEMBERS (2015 NDS) DOUGLAS FIR-LARCH #2 OR BETTER (BEAMS AND STRINGERS) Fcr = 625 psi Fb = 875 psi (M.C. NOT TO EXCEED 19%) Fv = 170 psi Fcq = 600 psi E = 1,300,000 psi DOUGLAS FIR-LARCH #1 OR BETTER Fv = 170 psi Fcq = 925 psi E = 1,600,000 psi 14. LVL MEMBERS Fb = 2600 psi Fcr = 750 psi (I-LEVEL TRUS JOIST Fcq = 2,510 psi Fv = 285 psi OR EQUIVALENT) E = 1,800,000 psi₹ 15. GLU-LAM BEAMS (2015 NDS) } 24F-V4 DF/DF Fb = 2,400 psi Fcr = 650 psi Fv = 265 psi Fcq = 1,650 psi E = 1,800,000 psi 16. JOISTS I-LEVEL TRUS JOIST, LOUISIANA PACIFIC, OR EQUIV. (INSTALL PER MFR's SPEC's) 17. LOG MEMBERS DOUGLAS FIR-LARCH #1 OR BETTER (T.P.I. GRADED AND STAMPED) (M.C. NOT TO EXCEED 19%) Fv = 180 psi Fcq = 1,550 psi

18. ERRORS AND OMISSION WHICH MAY OCCUR IN THE CONTRACT DOCUMENTS AND PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER, IN WRITING AND WRITTEN INSTRUCTION SHALL BE OBTAINED PRIOR TO PROCEEDING WITH CONSTRUCTION. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY ERRORS, DISCREPANCIES OR OMISSIONS FOR WHICH THE CONTRACTOR FAILED TO NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION AND OR FABRICATION OF THE

E = 1,800,000 psi

## FLOOR FRAMING NOTES

- 1. PROVIDE BLOCKING BETWEEN JOISTS OVER BEARING WALLS AND OVER FOUNDATION AT BAY WINDOWS AND FLOOR CANTILEVERS.
- 2. FLOOR SHEATHING TO BE INSTALLED PERPENDICULAR TO FLOOR JOISTS.
- 3. USE SIMPSON ITT2 OR IUS HANGERS AT JOIST TO BEAM CONNECTIONS.
- 4. USE SIMPSON HHUS HANGERS OR APPROVED EQUAL AT BEAM TO BEAM CONNECTIONS (U.N.O.).

## ROOF FRAMING NOTES

- 1. ALL TRUSSES TO BE SECURED ON EACH END w/ SIMPSON H-1 CLIPS AND GIRDER TRUSSES w/ LGT HOLDOWNS AT EACH END (U.N.O.).
- 2. PROVIDE SOLID BLOCKING BETWEEN TRUSSES AND RAFTERS OVER BEARING
- 3. USE SIMPSON ITT TOP FLANGE HANGERS AT ALL RAFTER TO BEAM CONNECTIONS
- 4. PROVIDE SOLID BLOCKING UNDER ALL GIRDER TRUSSES AND BEAMS TO
- 5. TRUSS BLOCKING SHALL BE NAILED SOLID TO SHEATHING WITH NAILING THROUGH SHEATHING INTO BLOCKING.
- 6. VALLEY AND HIP RAFTERS ARE NOT TO BE LESS THAN 2" THICK AND NOT LESS IN DEPTH THAN THE CUT END OF THE RAFTER.

## SHEATHING NOTES

FLOOR SHEATHING: 3/4" (48/24) APA RATED T&G SUBFLOOR

10d COMMON @ 6" O.C. AT PANEL EDGES, 10d COMMON @ 10" O.C. FIELD. ATTACH PANEL TO FRAMEWORK w/ A CONTINUOUS BEAD OF CONSTRUCTION ADHESIVE OR AS REQ'D BY FINISH FLOOR MATERIAL.

**ROOF SHEATHING:** 

5/8" (40/20) APA RATED SHEATHING 8d COMMON @ 6" O.C. AT PANEL EDGES, 8d COMMON @ 12" O.C. FIELD.

**EXTERIOR WALL SHEATHING** 

7/16" STRUCTURAL "I" RATED PANELS 8d COMMON @ 4" O.C. AT PANEL EDGES, 8d COMMON @ 12" O.C. FIELD. BLOCK ALL SHEATHING EDGES w/ 2" NOMINAL BLOCKING. (TYPICAL UNLESS NOTED OTHERWISE ON SHEAR WALL SCHEDULE)

**INTERIOR WALL SHEATHING:** 

1/2" GYPSUM WALL BOARD #6 x 11/4" SCREWS @ 4" O.C. AT PANEL EDGES & 8" O.C. FIELD. (U.N.O.)

## NAILING SCHEDULE (U.N.O.)

	EEE (en wei)	
1. ALL NAILS SHALL BE COMMON NAILS UNLE	ESS NOTED OTHERWISE.	
2. JOIST TO SILL PLATE OR GIRDER (TOENAIL	L) (3) 8d	
3. BRIDGING TO JOIST (TOENAIL EA. END)	(2) 8d	
4. BOTTOM PLATE TO JOIST OR BLOCKING (F	FACE NAIL) (3) 16d @ 16" O.C.	
5. TOP PLATE TO STUD (END NAIL)	(2) 16d	
6. STUD TO BOTTOM PLATE	(4) 8d TOENAIL or (2) 16d ENDNAIL	
7. DOUBLE STUDS (FACENAIL)	16d @ 24" O.C.	
8. DOUBLE TOP PLATES (FACE NAIL)	16d @ 16" O.C.	
9. TOP PLATES, LAPS & INTERSECTIONS (FAC	CE NAIL) (2) 16d @ 12" O.C.	
10. CONTINUOUS HEADER (2 PIECES)	16d @ 16" O.C. ALONG EACH EDGE	
11. ROOF JOIST TO PLATE (TOENAIL)	(3) 8d	
12. CONTINUOUS HEADER TO STUD (TOENAIL	.) (4) 8d	
13. ROOF JOISTS, LAPS OVER PARTITIONS (FA	ACE NAIL) (3) 16d	
14. ROOF JOISTS TO PARALLEL RAFTERS (FAC	CE NAIL) (3) 16d	
15. BUILT-UP CORNER STUDS & COLUMNS	16d @ 24" O.C.	
16. BUILT-UP BEAMS (FACE NAIL AT TOP & BO'STAGGERED ON OPPOSITE SIDES)	TTOM 20d @ 32" O.C.	
17. RIM JOIST TO TOP PLATE (TOENAIL)	16d @ 6" O.C.	

### GENERAL CONCRETE NOTES

- 1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT EDITION OF THE INTERNATIONAL BUILDING CODE AND LOCAL CODES.
- 2. REINFORCED CONCRETE DESIGN AND CONSTRUCTION SHALL BE IN
- ACCORDANCE WITH ACI 318-14.
- 3. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO STARTING CONSTRUCTION.
  - 4. ALL SLABS ON GRADE ARE TO BE PLACED ON COMPACTED BACKFILL.
  - 5. ALL REINFORCING STEEL SHALL BE NEW GRADE 60 DEFORMED BARS AND SHALL BE TIED IN PLACE PRIOR TO POURING CONCRETE.
  - 6. REINFORCING STEEL CONCRETE COVER:

SURFACE CAST AGAINST EARTH: 3"

FORMED SURFACES IN CONTACT WITH EARTH OR EXPOSED TO WEATHER: #5 OR SMALLER: 1-1/2" #6 OR LARGER:

FORMED SURFACES NOT IN CONTACT WITH EARTH OR EXPOSED TO WEATHER WALLS, SLABS, JOISTS:

- 7. TOP OF FOUNDATION WALLS TO BE A MINIMUM OF 6" ABOVE FINISHED GRADE.
- 8. BLOCK OUT OPENINGS FOR GARAGE DOORS AS REQUIRED.
- 9. ALL CONCRETE EXPOSED TO FREEZING AND THAWING SHALL CONTAIN 5-7% ENTRAINED AIR.
- 10. ALUMINUM CONDUIT OR PIPING MAY NOT BE EMBEDDED IN ANY CONCRETE.
- 11. CALCIUM CHLORIDE IS NOT ALLOWED AS AN ADDITIVE TO CONCRETE MIX.
- 12. PROVIDE A U-FER GROUND.

within the seismic-force-resisting system,

including drag struts, braces and hold-downs.

SDECIAL INSDECTIONS

INSPECTION	ITEMS TESTED	TESTING TIMING
<b>EXCAVATION</b> 1. Verify that all Fill is removed from building footrint.	Grade	Prior to forming footings
FOUNDATION  1. Verify existing soil conditions, fill placement and load bearing requirements:  a. Prior to placement of prepared fill, determine that the site has been prepared in accordance with the approved soils report.	Site prep	Prior to forming footings
CONCRETE		
Inspection of reinforcing steel.	Reinforcement location	Prior to each pour
2. Verifying use of required design mix.	Specifications	Prior to first pour
3. Inspection of anchors cast in concrete.	Anchor location	Prior to framing
<ol> <li>Cylinders taken of fresh concrete to test strength. Also test slump, air content, and temperature.</li> </ol>	Concrete strength and durability	During each pour
5. Inspect formwork for shape, location, and dimensions.	Foundation location and size	Prior to each pour location and size
WOOD TRUSSES		
Review truss submittal and drawing and calcs.	Truss design	Prior to Truss manufacture
<ul> <li>WOOD CONSTRUCTION</li> <li>1. Fabrication of high-load diaphragms: <ul> <li>a. Verify wood structural panel sheathing for grade and thickness.</li> <li>b. Verify the nominal size of framing members at adjoining panel edges.</li> <li>c. Verify the nail or staple diameter and length.</li> <li>d. Verify the spacing between fasteners in each line and at edge margins.</li> </ul> </li> </ul>	Diaphram	Prior to 4-way inspection
2. Verify correct steel brackets are used.	Connections	Prior to 4way inspection
3. Periodic special inspections for nailing, bolting, anchoring and other fastening of components	Framing	Periodic



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Description

Date

1	PLAN REVIEW COMMENTS	06.01.17

**HARRIS** 

SHOP

STRUCTURAL **NOTES** 

105 GRASSDALE Project number 9.19.23 Drawn by CS Checked by **S**0

Scale

## Item 2

## ANCHOR BOLT SCHEDULE

LOC	ANCHOR BOLT	SPACING	SILL PLATE
AB-1	5/8"∅ x 12" ANCHOR BOLT	48" O.C.	2 x 6
AB-2	5/8"∅ x 12" ANCHOR BOLT	32" O.C.	2 x 6
AB-3	$5/8"\emptyset$ x 12" ANCHOR BOLT	24" O.C.	2 x 6
AB-4	$5/8"\emptyset$ x 12" ANCHOR BOLT	16" O.C.	2 x 6
AB-5	5/8"∅ x 12" ANCHOR BOLT	12" O.C.	2 x 6
AB-6	5/8"∅ x 12" ANCHOR BOLT	12" O.C.	3 x 6

## NOTES:

- Minimum Anchor Bolt spacing should be AB-1 unless otherwise specified
   All Anchor bolts should be embedded a minimum of 7" and should be placed
- between two rebar.

## 3. All washers should be a plate washer Simpson BP 5/8-3 (3"x3"x $\frac{1}{4}$ " min).

## FOOTING SCHEDULE

.oc	Footing Name	Footing Type
-1	20 in Strip Footing	20in x 10in x cont Footing w/ (2) #4 bar
-2	24 in Strip Footing	24in x 10in x Cont Footing w/ (3) #4 bar
-3	30 in Strip Footing	30in x 10in x cont Footing w/ (3) #4 bar
-4	28 in x 28 in Spot Footing	28in x 28in x 10in Footing w/ (3) #4 bar each way
-5	60 in x 60 in Spot Footing	60in x 60in x 12in Footing w/ (7) #4 bar each way

### FOUNDATION WALL REINFORCING

8" x 4' WALL	#4 @ 24" o.c. Verticals #4 @ 16" o.c. Horizontals #4 within top and bottom of wall
8" x 8' WALL	#4 @ 24" o.c. Verticals #4 @ 16" o.c. Horizontals #4 within top and bottom of wall
8" x 9' WALL	#4 @ 16" o.c. Verticals #4 @ 16" o.c. Horizontals #4 within top and bottom of wall
8" x 10' WALL	#4 @ 12" o.c. Verticals #4 @ 16" o.c. Horizontals #4 within top and bottom of wall

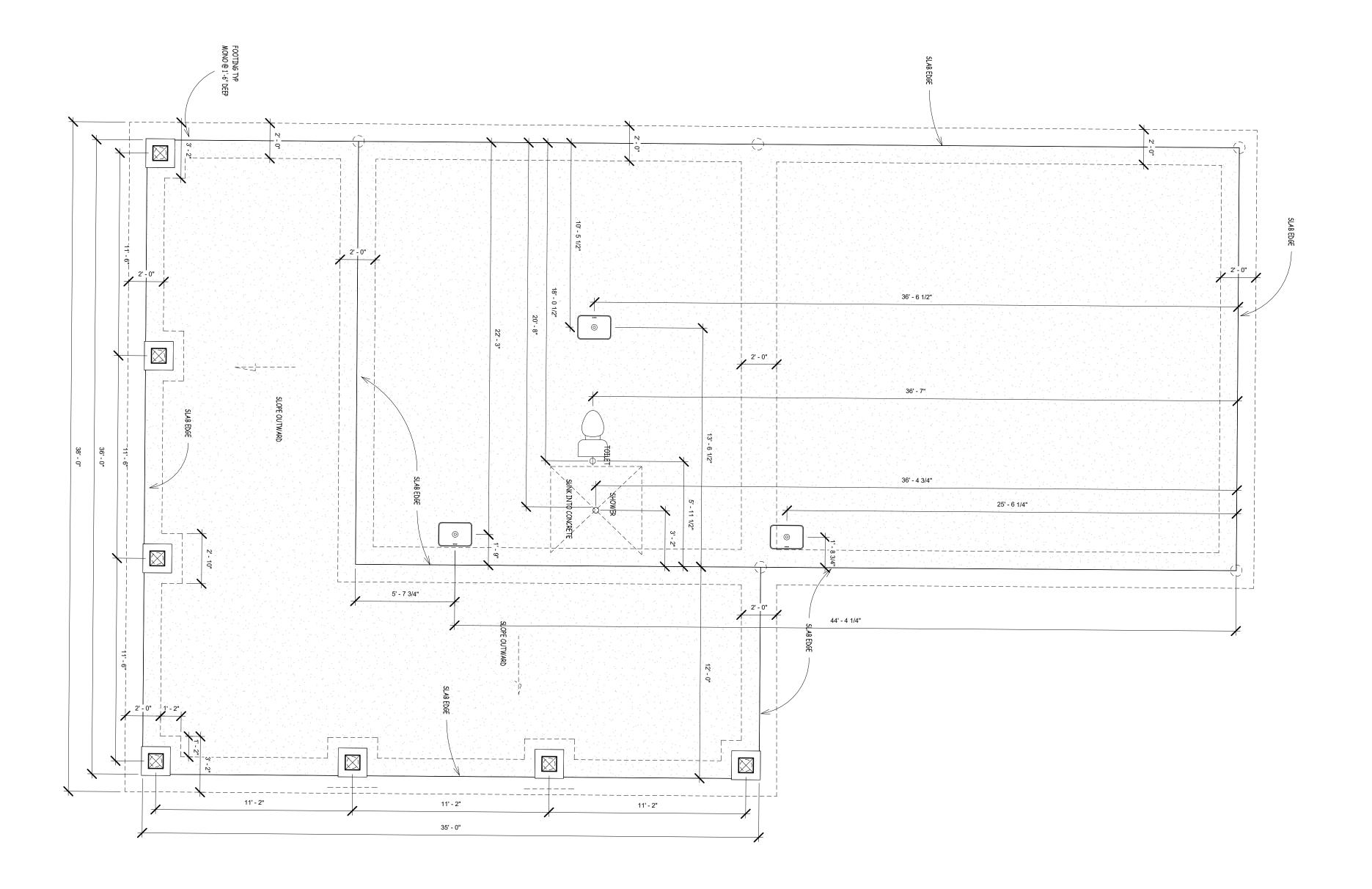
## **HOLD DOWN SCHEDULE**

LOC	DESCRIPTION	NOTES
AA	STHD 14/14RJ	INTO (2) STUDS MIN.
BB	MST36	INTO (2) STUDS MIN.
CC	MST48	INTO (2) STUDS MIN.
DD	HTT22	INTO (2) STUDS MIN.

NOTE

LOT SHALL BE GRADED TO DRAIN SURFACE WATER AWAY FROM THE FOUNDATION WALLS. THE GRADE SHALL FALL A MINIMUM OF 6" WITHIN THE FIRST 10". PER IRC R403.1.7.3, THE TOP OF THE FOUNDATION IS REQUIRED TO BE A MINIMUM OF 12", PLUS 2%, ABOVE THE TOP OF CURB.







www.nowevolved.com

A1) Evolve LLC assumes no liability for any structure constructed from these drawings. The architectural drawings convey aesthetic design.

A2) Plans indicate locations only. Engineering aspect should incorporate actual site conditions.

A3) All framing member spacing and connections are to be determined by the contractor or designed by an engineer.

Execution of the Contract by the Contractor is a representation that the Contractor will perform the following:

C1) Contractor must verify all dimensions. Drawings are not to be scaled.

C2) Contractor is to report to Evolve any errors, omissions or inconsistencies discovered or made known to him/her in the drawing before proceeding.

nonconformity discovered or made known to him/her between the drawings and all APPLICABLE BUILDING CODES.

C4) Contractor is responsible for quality of

C3) Contractor shall report to Evolve any

material and workmanship.

C5) Contractor is responsible for mean

C5) Contractor is responsible for means and methods of construction.

No.	Description	Date
1	PLAN REVIEW COMMENTS	06.01.17

HARRIS

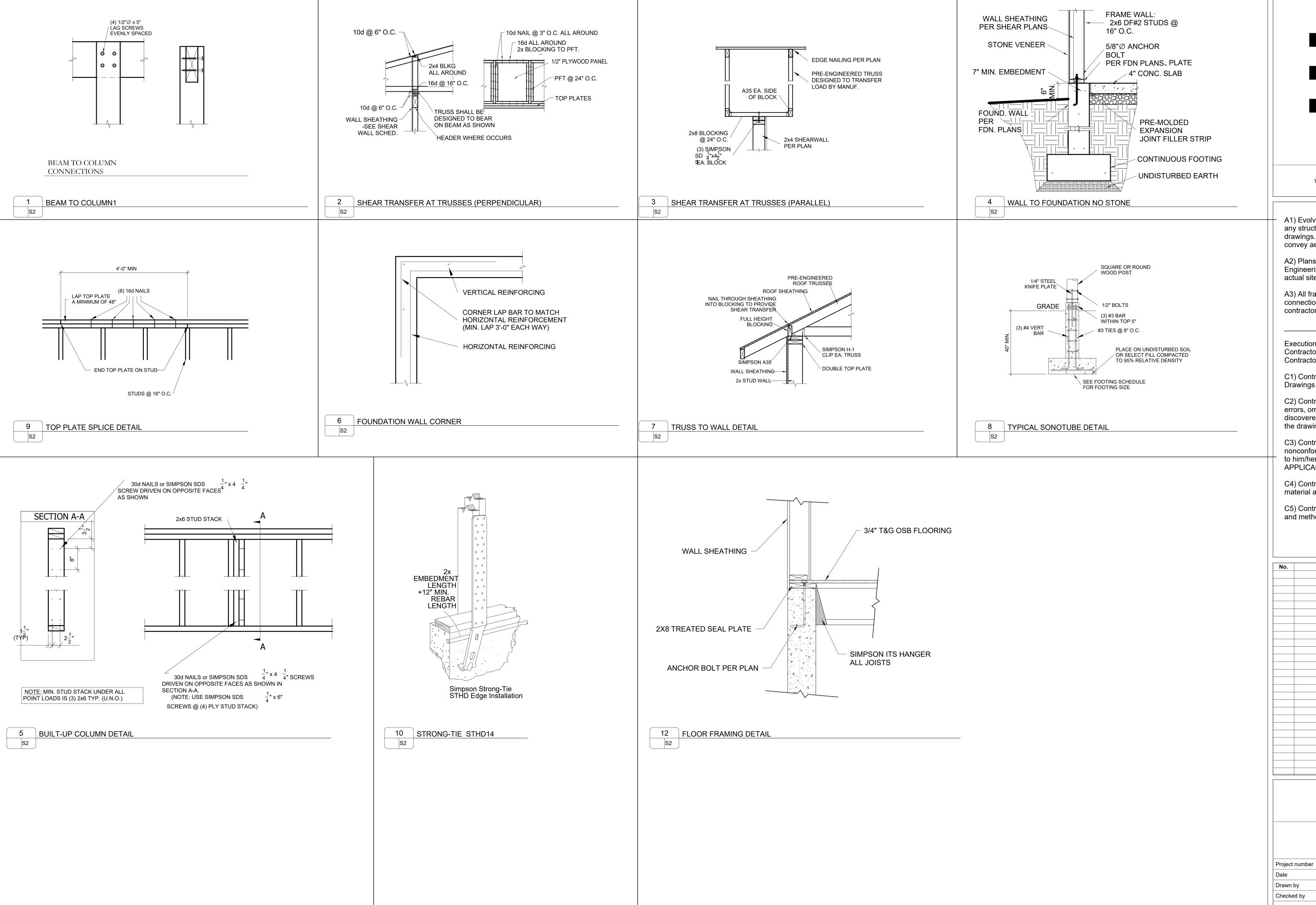
SHOP

FOOTING & FOUNDATION PLAN

Project number	105 GRASSDALE
Date	9.19.23
Drawn by	CS
Checked by	CS
	S1

1/4" = 1'-0"

Scale



VOLV

Item 2.

www.nowevolved.com

A1) Evolve LLC assumes no liability for any structure constructed from these drawings. The architectural drawings convey aesthetic design.

A2) Plans indicate locations only. Engineering aspect should incorporate actual site conditions.

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C4) Contractor is responsible for quality of material and workmanship.

C5) Contractor is responsible for means and methods of construction.

No.	Description	Date
-		

**HARRIS** 

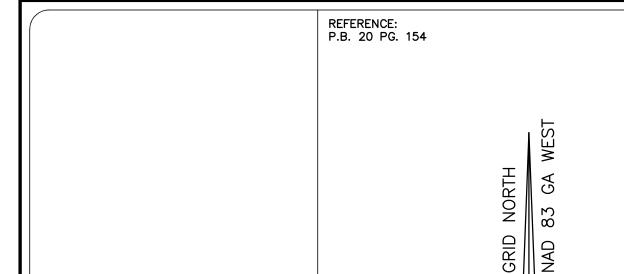
SHOP **DETAILS** 

105 GRASSDALE

As indicated<u></u> ⊥

9.19.23 CS

Scale



This plat is a retracement of an existing parcel or parcels of land and does not subdivide or create a new parcel or make any changes to any real property boundaries. The recording information of the documents, maps, plats, or other instruments which created the parcel or parcels are stated hereon. RECORDATION OF THIS PLAT DOES NOT IMPLY APPROVAL OF ANY LOCAL JURISDICTION, AVAILABILITY OF PERMITS, COMPLIANCE WITH LOCAL REGULATIONS OR REQUIREMENTS, OR SUITABILITY FOR ANY USE OR PURPOSE OF THE LAND. Furthermore, the undersigned land surveyor certifies that this plat complies with the minimum technical standards for property surveys in Georgia as set forth in the rules and regulations of the Georgia Board of Registration for Professional Engineers and Land Surveyors and as set forth in O.C.G.A. Section 15-6-67.

Registered Georgia Land Surveyor No. 2996 Address: 971 Center Point Rd, Carrollton, Ga 30117 Telephone Number: 678-873-3119 Date: MARCH 20, 2023

Field work performed: MARCH 11, 2023 Equipment used to obtain linear and angular measurements used in the preparation of this plat: Spectra Precision Focus 35

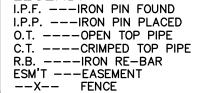
This plat has been calculated for closure and is found to be accurate within one foot in 323,519 feet.

By: William B. Sims



## EMORY HARRIS

LAND LOT 127, 4th DISTRICT, 3rd SECTION BARTOW COUNTY, GEORGIA DATE: 11 MARCH 2023 SCALE: 1"=30"



LEGEND:



# S 89'36'00" E $\geq$ $\Delta$ 50 HOUSE RIDGE LINE E .08,44 ROAD SDALE GRAS N 89°36'00" 184.00 238.4 R/W Prepared By S&S LAND SURVEYING (678) 873-3119 971 Center Point Road Carrollton, Georgia 30117















## BOARD OF ZONING APPEALS ITEM SUMMARY

MEETING DATE:	April 11, 2024
SUBCATEGORY:	Variance
DEPARTMENT NAME:	Planning and Development
AGENDA ITEM TITLE:	V24-09. 367 Etowah Dr. Applicant: Charles Douglas Cox
DEPARTMENT SUMMARY RECOMMENDATION:	Variance to increase the allowed height and area of an accessory structure.
LEGAL:	N/A

P.O. Box 1390 • 10 North Public Square • Cartersville, Georgia 30120 Telephone: 770-387-5600 • Fax: 770-387-5605 • www.cityofcartersville.org

### **MEMO**

To: BZA

From: Randy Mannino/ David Hardegree

CC: Keith Lovell Date: March 14, 2024.

Re: File # V24-09 Increase allowable height and area for an accessory structure.

Variance application by Charles Douglas Cox for property located at 367 Etowah Drive and zoned R-20 (Single Family Residential). Said properties contain approximately 0.54 acres each.

Mr. Cox wishes to construct an accessory structure in the rear yard that will serve as a detached garage with a bonus room over the garage and a porch on the east side. The garage will be approximately 30ft.x 32ft. with a floor area of approximately 1,280sf. The total height above grade at the roof peak will be approximately 24ft.

The existing house has a heated floor area of approximately 1,528sf. per the County tax records. City GIS measures the height of the existing house at approximately 22ft. above the side yard grade. The house is also approximately 7ft lower than Etowah Drive, so any newly constructed structures in the rear yard may appear taller than the house from the public right of way.

The grade of the lot slopes from the house to the rear property line and slightly right to left in the rear yard based on City GIS elevations. Depending how much grading is required for positive drainage away from the garage, the roof peak of the garage may be lower than the roof peak of the house as measured from the grades around the structures; however, due to the unknown of the final grades, the garage roof height could be higher than the roof height of the house.

Per the zoning ordinance for accessory structures, Sec. 4.9, an accessory structure shall be no larger than fifty (50) percent of the principal structure floor area and shall not exceed the height of the most prevalent roof top of the principal building on the property.

The variance request is for the following:

- 1. To increase the allowed floor area of an accessory structure from 764sf to 1,280sf. (Sec. 4.9)
- 2. To increase the allowed height of an accessory structure roof above the existing house roof. Height to be determined. (Sec. 4.9)

#### **Department Comments Received**

Electric Department: CES takes no exceptions. However, the homeowner will have to serve the garage from the existing house.

Fibercom: Takes no exception

Fire Department: Takes no exception

Gas Department: Takes no exception

Public Works Department: No comments received

Water Department: Takes no exception

#### **Public Comments Received by Staff**

None as of 2-27-24.

#### Justification:

Please review the following findings, as stated in the Zoning Ordinance, that are to be utilized in determining justification for approval or denial of variance request(s).

## Chapter 26, Zoning. Sec. 2.2 Definitions:

<u>Floor area, gross.</u> The total number of square feet of floor area in a building determined by horizontal measurements between the exterior faces of walls, excluding basement areas, porches, carports, and garages.

#### Sec. 4.9. Accessory uses, buildings or structures.

Accessory uses, buildings, or structures on residential lots shall be located within a rear yard only and be a minimum of five (5) feet from all property lines which do not abut a street right-of-way. A detached garage or carport may be allowed in a side yard of a residential lot and, if so placed, shall comply with the side yard setback requirements of the district. In the case of a residential corner lot, in which a lot abuts or adjoins the intersection of two (2) or more streets other than an alley, an accessory structure may be allowed in a side yard and, if so placed, shall comply with the side yard setback requirements of the district.

Accessory uses, buildings, or structures on nonresidential lots shall not be allowed in the front yard and must comply with side and rear yard requirements established for the zoning district in which such accessory buildings or uses are located. The following accessory uses, buildings, or structures on nonresidential lots may be allowed in a front yard of a nonresidential

lot and, if so placed, shall comply with the front yard setback requirements of the district: ATMs (automated teller machines) and service stations.

All accessory uses, buildings, or structures in all zoning districts shall be subordinate to the principal structure. An accessory building's floor area shall be no larger than fifty (50) percent of the principal structure floor area. Accessory structures shall not exceed the height of the most prevalent roof top of the principal building on the property.

Outdoor play structures or play sets in commercial districts, commonly associated with fast-food eating establishments, shall be located in a side or rear yard only and shall comply with the required yard setbacks of the district.

All site plans for multifamily, commercial, and industrial buildings shall include a solid waste container pad that has easy and safe access for a front-end loader. Solid waste containers shall be screened from all streets and adjoining properties with a solid, opaque fence or wall which shall be a minimum of six (6) inches taller than the container.

An amenity, as defined by this chapter, shall not be considered an accessory structure.

#### Sec. 21.3. - Powers and duties of the board of zoning appeals.

- 21.3.3. *Variances*. The board of appeals has the power to hear requests for variances from the provisions of this chapter. Variance may be granted only if the board finds all of the following to exist:
- A. That one (1) of the following is true, through no action or fault of the property owner or predecessor:
  - 1. The property is exceptionally narrow, shallow or unusually shaped;
  - 2. The property contains exceptional topographic conditions;
  - 3. The property contains other extraordinary or exceptional conditions; or
  - 4. There are existing other extraordinary or exceptional circumstances; and
- B. That the strict application of the requirements of this chapter would result in practical difficulties to, or undue hardship upon, the owner of this property; and
- C. That the requested variance relief may be granted without substantially impairing the intent and purpose of this chapter.

Variance decisions shall be issued in writing within ten (10) business days of the hearing.

#### 21.3.4.

Conditions. In granting a variance, the board of appeals may attach such conditions regarding the location, character and other features of the proposed building, structure, property, development standards or use as it may deem advisable so that the purpose of this chapter will be served, public safety and welfare secured and substantial justice done.

### STANDARDS FOR EXERCISE OF ZONING POWERS.

- The existing land uses and zoning of nearby property.
   The surrounding properties are zoned for residential and used for that purpose.
- 2. The suitability of the subject property for the zoned purposes.

  The property is suitable for the zoned purposes.
- 3. The relative gain to the public, as compared to the hardship imposed upon the individual property owner.

  There is no public gain. A variance approval would allow the property owner.
  - There is no public gain. A variance approval would allow the property owner to construct the garage for his enjoyment.
- 4. Whether the subject property has a reasonable economic use as currently zoned.

  The property has a reasonable economic use as currently zoned.
- 5. Whether the zoning proposal will permit a use that is suitable in view of the use and development of adjacent and nearby property.

  The proposed variance would have no effect on the use of the ediscent and
  - The proposed variance would have no effect on the use of the adjacent and nearby properties.
- 6. Whether the proposed zoning will adversely affect the existing use or usability of adjacent or nearby property.
  - The proposed variance should not have an adverse effect on the existing use or usability of adjacent or nearby properties.
- 7. Whether the zoning proposal is in conformity with the current future development plan and community agenda of the comprehensive land use plan as currently adopted or amended in the future.
  - The proposed variance has no impact on the Future Development Plan or Comprehensive Plan.
- 8. Whether the zoning proposal will result in a use which will or could adversely affect the environment, including but not limited to drainage, wetlands, groundwater recharge areas, endangered wildlife habitats, soil erosion and sedimentation, floodplain, air quality, and water quality and quantity.
  - No adverse environmental impact is anticipated.
- 9. Whether the zoning proposal will result in a use which will or could cause an excessive or burdensome use of existing streets, transportation facilities, utilities, or schools.
  - The proposed variance will not increase the burden to streets, transportation, or utilities.

10. Whether there are other existing or changing conditions affecting the use and development of the property which give supporting grounds for either approval or disapproval of the zoning proposal.

There are no known conditions.



Spot elevations by City Pictometry system.

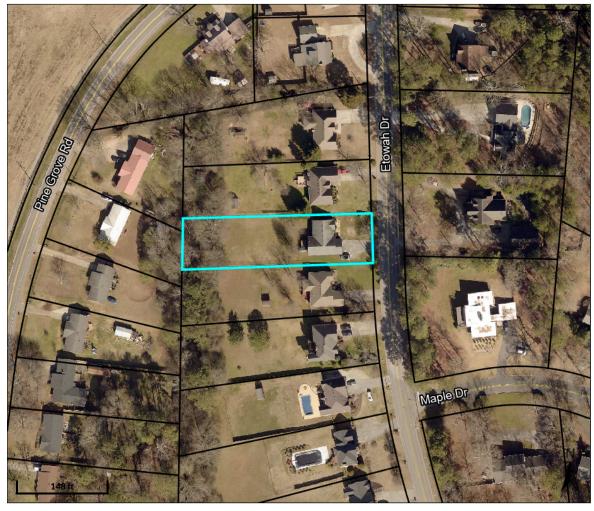


Height calculated by City Pictometry system.



Height calculated by City Pictometry system.

# **@qPublic.net**<sup>™</sup> Bartow County, GA



Overview



Legend

Parcels
Roads

Parcel ID C037-0001-023 Sec/Twp/Rng n/a Property Address 367 ETOWAH DR Alternate ID 36092 Class Residential Acreage 0.54 Owner Address COX CHARLES DOUGLAS & COX PATSY GAIL 367 ETOWAH DRIVE CARTERSVILLE, GA 30120

**District** Cartersville

Brief Tax Description LL 668 LD4 LT3 POPHAM

(Note: Not to be used on legal documents)

Date created: 1/25/2024 Last Data Uploaded: 1/24/2024 8:40:51 PM



## City of Cartersville Application for Variance

**Board of Zoning Appeals** 

Hearing Date: 3/14/24 5:30pm Application Number: VZA-09
Date Received: 1-18-24
Applicant Charles Douglas Cox Office Phone
Address 367 Etowah Drive Mobile/Other Phone 678 222-8876
city <u>Courtersuille</u> state <u>GA</u> zip30120 Email <u>rapom4260 bell south net</u>
Phone (Rep)  Representative's printed name (if other than applicant)  Email (Rep)
Representative Signature  Charles Douglas Cox Applicant Signature
Signed, sealed and delivered in presence of OTARY  My commission expires:  EXPIRES  GEORGIA  11/29/26  PUBLIC  A  PUBLIC  PUBLIC  A  PUBLIC  PUBLIC  A  PUBLIC  PUBLIC  PUBLIC  A  PUBLIC  PU
THE DING COUNTY
* Titleholder Charles Douglas Cox Phone 678-222-8876  (titleholder's printed name)
Address 367 Etowah Drive Email raport126@bellsouth.net
Signature Chorles Pougles Country ABETH Signed, sealed, delivered in presence of:  EXPIRES  OTAR)  My commission expires:  HOTARY Public  OTARY Public  OTARY Public  OTARY Public  OTARY Public  OTARY Public  OTARY Public
PUBLI DING CO
Acreage ().540 Land Lot(s) 668 LD4 LT3 District(s) 540 Section(s) 3
Location of Property: 367 Etowah Drive, Corters ville, GA / (street address, nearest intersections, etc.)  Zoning Section(s) for which a variance is being requested:
Summary Description of Variance Request: Increase Square footage up to 30%
Roof height??  (Additional detail can be provided on Justifation Letter)

\* Attach additional notarized signatures as needed on separate application pages.

City of Cartersville \* Planning and Development Department \* 2<sup>nd</sup> Floor \* 10 N. Public Square Cartersville, GA 30120 \* 770-387-5600 \* www.cityofcartersville.org

### **CONDITIONS VERIFICATION**

List the Article(s), Section(s) and Subsection(s) of the Zoning Ordinance for which a variance is requested.

Article		Section 4.9	Subsection_					
Article		Section	Subsection_	Subsection				
Article		Section		Subsection				
any order, req the zoning ord	uirement, decisi inance. The Boa	on, or determination m rd has the power to he	ade by the zoning admir ar requests for variances	re it is alleged there is error in nistrator in the enforcement of from the provisions of the ation pertaining to conditions.				
		f Zoning Appeals in the t apply to your varian		application, please check all of				
1	The property is	s exceptionally narrow,	shallow or unusually sha	aped,				
2	The property of	ontains exceptional top	oographic conditions,					
3.,	The property o	ontains other extraord	nary or exceptional con	ditions; and				
4	There are other existing extraordinary or exceptional circumstances; and							
5	The strict application of the requirements of this ordinance would result in practical difficulties to, or undue hardship upon, the owner of this property;							
6	The requested variance relief may be granted without substantially impairing the intent and purpose of this ordinance							
Additional Co	mments by Ap	plicant:						
<del></del>								

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An amenity, as defined by this chapter, shall not be considered an accessory structure.

recommend agents it makes a better it in the

## **Approximate of the County of**



Overview Legend

Parcels

Roads

Parcel ID

C037-0001-023

Sec/Twp/Rng

Property Address 367 ETOWAH DR

Alternate ID 36092

Class

Residential

Acreage

0.54

Owner Address COX CHARLES DOUGLAS & **COX PATSY GAIL** 367 ETOWAH DRIVE

CARTERSVILLE, GA 30120

District

**Brief Tax Description** 

Cartersville

LL 668 LD4 LT3 POPHAM

(Note: Not to be used on legal documents)

Date created: 1/11, Last Data Uploadec



Garage Layout.txt

### Garage Layout

48ft From end of back deck to start of covered porch. The garage would start at 58ft from end of back deck. Garage is 30ft wide x 32ft long.

I would like to be 10ft off of right side fence.

That would give me 35 to 38ft off the left fence to allow for entering the garage.

Item 3.

rapom426@bellso...

### RE: garage



Oct 23, 2023 at 9:51 AM

### Yes, that is correct.

From: rapom426 <rapom426@bellsouth.net>
Sent: Friday, October 20, 2023 8:44 PM
To: Dale Falkowski <Dale@ngtruss.com>
Subject: Re: garage

Dale

I think I saw where 24 ft is the height. Is this the total with a 12 ft high first floor?

Thanks, Doug Cox

On Friday, October 20, 2023 at 05:02:11 PM EDT, Dale Falkowski <dale@ngtruss.com> wrote:

Tammy can talk to the boss Monday and get you a discount.

From: rapom426 <a href="rapom426@bellsouth.net">rapom426@bellsouth.net</a> Sent: Friday, October 20, 2023 4:36 PM
To: Dale Falkowski <a href="Dale@ngtruss.com">Dale@ngtruss.com</a> Subject: Re: garage

Dale,

You should have two picture that I got off the internet. It you go to America's best house plan
I actually bought a set of plan under number 5032-00058
It is similar to the picture I am sending you.
I decide we didn't need a garage with a big dormer window.
I like it for the size of the space upstairs, but the roof will have to be to high to make the 25" foot mark. I feel like our house could be 23 feet high and I have been told my 2 people they think there is a least a 2 foot drop to were I would start the garage.

On Friday, October 20, 2023 at 04:21:06 PM EDT, Dale Falkowski < dale@ngtruss.com> wrote:

Thank You,

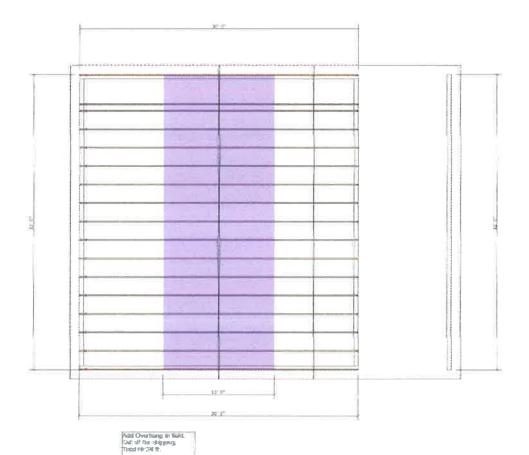
Dale Falkowski / Truss Specialist / Field Representative

dale@ngtruss.com

Office: 770-387-4227 x3213

Fax: 770-606-0364

Neither North Georgia Truss Systems, LLC nor any of its employees are licensed engineers



Truss List

## Job #234141

## 367 Etowah Dr Charles Cox 678-222-8876 30x32

Truss Qty Span

R1017 2 30'0"

**SCALE: NTS** 



### THIS IS A TRUSS PLACEMENT DIAGRAM ONLY.

10/20/2023

The Invisors shown on this shoot and designed as individual building components for the proportivel into the building design at the specification of the Shifting Designer. See individual design should be proportivel into the building design at the specification of the Shifting Designer. The Eathing Designer is responsible for temporary and permanent braining of the recent structure and should review terms contained haven for complication with the certained documents. The design of the trust documents of the trust documents. The contained documents in the recent structure and should review terms of the trust and should review terms of the structure and should review terms of the trust and should review terms of the trust and should review terms of the structure and should review terms of the should review

NEW LOOK



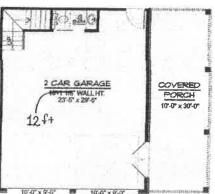
### 5032-00202 **Craftsman Garage**

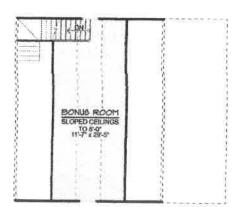
 $\heartsuit$ Favorite

0 Rule Out

1 Share







SALE

FLOOR PLANS

EXTERIOR

Images copyrighted by the designer. Photographs may reflect a homeowner modification.



UNFIN SQ FT

1,363



85DS 0





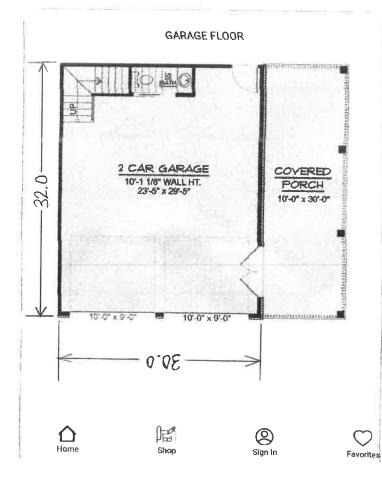
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34



30'





### **CUSTOMIZE THIS PLAN**

Our designers can customize this plan to your exact specifications.

Requesting a quote is easy and fast!

### **MODIFY THIS PLAN**

## **FEATURES**



Front Entry Garage



Storage











# BOARD OF ZONING APPEALS ITEM SUMMARY

MEETING DATE:	April 11, 2024
SUBCATEGORY:	Variance
DEPARTMENT NAME:	Planning and Development
AGENDA ITEM TITLE:	V24-10. 518 N. Gilmer St. Applicant: Reymundo Salazar
DEPARTMENT SUMMARY RECOMMENDATION:	Variance to allow a 6ft. privacy fence in the front yard of a double frontage lot.
LEGAL:	N/A



P.O. Box 1390 • 10 North Public Square • Cartersville, Georgia 30120 Telephone: 770-387-5600 • Fax: 770-387-5605 • www.cityofcartersville.org

## **MEMO**

To: BZA

From: Randy Mannino/David Hardegree/Zack Arnold

CC: Keith Lovell
Date: February 26, 2024
Re: File # V24-10

Summary: To allow a privacy fence in the front yard of a double frontage lot.

### **Section 1: Project Summary**

Variance application by applicant, Reymundo Salezar, for property located at 518 N. Gilmer St., zoned R-7, Single Family Residential. Setbacks are Front- 20ft, Rear- 20ft and Side- 8ft. Said property contains approximately 0.18 acres. The lot is a double frontage lot with frontages along N. Gilmer St., and Aiken St.

The applicant has constructed a privacy fence to enclose the property to the rear of the home along a section of the Aiken St. right-of-way. The fence ordinance, Sec. 4.16, requires privacy fences to be installed behind the front yard setback, less than 4ft tall, and non-opaque in a front yard. Currently, the fence appears to be encroaching in the right-of-way along Aiken Street. City staff has estimated the property line to be approximately 16ft. from the edge of pavement. If approved for variance, the fence will need to be relocated outside of the City right-of-way.

### The variance request is for the following:

1. To allow an 6ft. privacy fence to remain in the front yard of a double frontage lot (Sec. 4.16).

### **Section 2. Department Comments**

**Electric Department:** CES takes the following exception. CES will need 24/7/365 access to the meter location. CES also requires a 12 ft wide entrance gate/fence for truck access.

**Fibercom:** Takes no exception.

Fire Department: Takes no exception.

Gas Department: Takes no exception.

**Public Works Department:** Public Works concern is that it appears that they have built that one fence line that is parallel to Aiken Street within the right-of-way which Public Works does not approve. According to the Bartow Q public GIS it appears that there is a 50 foot right of way which if that is correct then they would need to move that fence line along Aiken Street back about 5 feet to get out to the right-of-way.

Water Department: Takes no exception.

### Section 3. Public Comments Received by Staff

None received as of 2/26/2024.

### **Section 4. Variance Justification:**

Please review the following findings, as stated in the Zoning Ordinance, that are to be utilized in determining justification for approval or denial of variance request(s).

### Sec. 4.16. - Fences and walls.

- A. In all zoning districts:
  - 1. No fence or wall shall constitute an obstruction to the vision for or create a hazard to vehicular traffic.
  - 2. No fence or wall, including retaining walls, shall be constructed of exposed concrete block, tires, junk or other discarded materials.
  - 3. The fencing standards as stated in this section shall not apply to fencing for detention ponds.
  - 4. The wall standards as stated in this section shall not apply to retaining walls approved by the plan review process for planned developments.
- B. In all residential and commercial zoning districts:
  - 1. Any fence or wall which extends into the front yard shall be ornamental or decorative, and shall not be opaque. Any such fence or wall may be constructed of brick, stone, wood, wrought iron, split rail, or other decorative material as approved by the zoning administrator.
  - 2. Fences and walls shall not exceed four (4) feet in height in a front yard and shall not exceed eight (8) feet in height in a side or rear yard.

V24-10 55

56

- 3. Chain-link fencing material may be used in the front yard with prior approval of a variance by the board of zoning appeals. No variance is required if chain link fencing material is used in a side or rear yard.
- 4. For a corner lot or double frontage lot, a screening or opaque fence may be installed to the rear of the principal structure at a maximum of eight (8) feet in height provided that the fence shall be located behind the required front yard setback and shall not be located adjacent to or abutting a collector or arterial street.
- 5. Razor wire (ribbon) shall be prohibited.
- C. In all industrial zoning districts:

Fences or walls shall not exceed (8) feet in height in front, side and rear yards.

### Sec. 21.3. - Powers and duties of the board of zoning appeals.

The board of zoning appeals shall have the following powers and duties:

- 21.3.1. Appeals. To hear and decide appeals where it is alleged there is error in any order, requirement, decision, or determination made by the zoning administrator in the enforcement of this chapter. Appeals to the board of appeals may be taken by any person aggrieved or by any officer, department, board, or agency of the City of Cartersville affected by any decision of the zoning administrator. Such appeal shall be taken within thirty (30) days of said decision by filing with the zoning administrator a written notice of appeal specifying the grounds thereof. Decisions on appeals shall be issued in writing within ten (10) business days of the hearing on the appeal.
- 21.3.2. Continuance of a nonconforming use. The board of zoning appeals may allow a nonconforming use to be reestablished after discontinuance for twelve (12) consecutive months. The procedure for the request shall be the same as if it was a variance. If it is deemed by the board of zoning appeals that one (1) or more of the following apply, the board may grant said request.
  - A. The design, construction, and character of the building is not suitable for uses permitted in the district in which the nonconforming use is situated; and
  - B. Undue hardships to the property owner would result in not allowing the building to be reopened for a nonconforming use; and
  - C. Adjacent property would not be unduly damaged by such use of the building; and
  - D. The use is to be identical or similar to the prior nonconforming use of the building.
- 21.3.3. *Variances*. The board of appeals has the power to hear requests for variances from the provisions of this chapter. Variance may be granted only if the board finds all of the following to exist:

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- A. That one (1) of the following is true, through no action or fault of the property owner or predecessor:
  - 1. The property is exceptionally narrow, shallow or unusually shaped;
  - 2. The property contains exceptional topographic conditions;
  - 3. The property contains other extraordinary or exceptional conditions; or
  - 4. There are existing other extraordinary or exceptional circumstances; and
- B. That the strict application of the requirements of this chapter would result in practical difficulties to, or undue hardship upon, the owner of this property; and
- C. That the requested variance relief may be granted without substantially impairing the intent and purpose of this chapter.

Variance decisions shall be issued in writing within ten (10) business days of the hearing.

- 21.3.4. *Conditions*. In granting a variance, the board of appeals may attach such conditions regarding the location, character and other features of the proposed building, structure, property, development standards or use as it may deem advisable so that the purpose of this chapter will be served, public safety and welfare secured and substantial justice done.
- 21.3.5. Limitations on variances; improper variance requests. Variances cannot be given to totally remove a requirement or to exempt a property or applicant entirely from a requirement. If a variance is being sought that is, in the judgment of the zoning administrator, a request that would constitute a text amendment, then the application shall not be accepted. The applicant shall instead be directed to file for a text amendment. Furthermore, the board of appeals shall not be authorized to grant a density variance or a use variance to permit a use in a district in which the use is prohibited. A variance application shall not be accepted if the variance seeks something that cannot be varied. A variance application shall not be accepted if the variance is contradictory to the ordinance.
- 21.3.6. Self-inflicted hardship. The board shall not grant variances when the hardship was created by the property owner or his predecessor, and shall not grant hardship variances based on shape or topography for lots of record not existing prior to November 7, 1996. Configuring a subdivision to create lots that are difficult to build is an example of a hardship created by the property owner or predecessor, that does not justify a variance.

### STANDARDS FOR EXERCISE OF ZONING POWERS.

- 1. The existing land uses and zoning of nearby property.

  The surrounding properties are zoned residential.
- 2. The suitability of the subject property for the zoned purposes.

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The property is suitable for the zoned purposes.

3. The relative gain to the public, as compared to the hardship imposed upon the individual property owner.

The public gain would be minimal.

4. Whether the subject property has a reasonable economic use as currently zoned.

The property has a reasonable economic use as currently zoned.

5. Whether the zoning proposal will permit a use that is suitable in view of the use and development of adjacent and nearby property.

The proposed variance would have no affect on the use of the subject or adjacent properties.

6. Whether the proposed zoning will adversely affect the existing use or usability of adjacent or nearby property.

The proposed variance will not have an adverse effect on the existing use or usability of adjacent or nearby property.

7. Whether the zoning proposal is in conformity with the current future development plan and community agenda of the comprehensive land use plan as currently adopted or amended in the future.

The proposed variance has no impact on the Future Development Plan or Comprehensive Plan.

8. Whether the zoning proposal will result in a use which will or could adversely affect the environment, including but not limited to drainage, wetlands, groundwater recharge areas, endangered wildlife habitats, soil erosion and sedimentation, floodplain, air quality, and water quality and quantity.

 Whether the zoning proposal will result in a use which will or could cause an excessive or burdensome use of existing streets, transportation facilities, utilities, or schools.
 The proposed variance will not increase the burden to streets, transportation, or utilities.

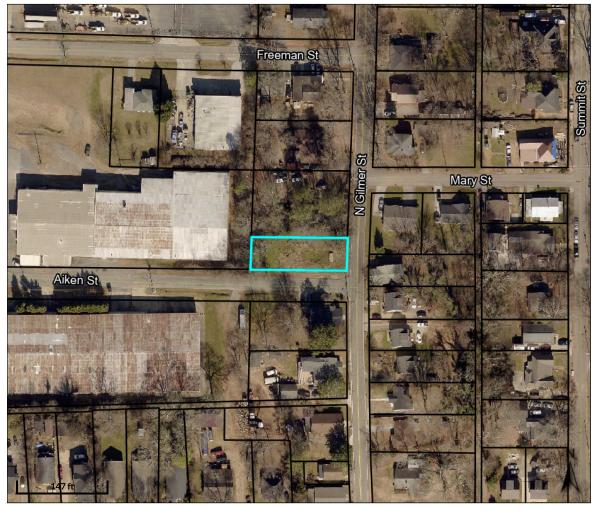
10. Whether there are other existing or changing conditions affecting the use and development of the property which give supporting grounds for either approval or disapproval of the zoning proposal.

There are no known conditions.

No adverse environmental impact is anticipated.

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# **@qPublic.net**<sup>™</sup> Bartow County, GA





Legend

Parcels
Roads

Parcel IDC010-0002-001Alternate ID33260Sec/Twp/Rngn/aClassResidentialProperty Address518 N GILMER STAcreage0.18DistrictCartersville

(Note: Not to be used on legal documents)

LL 339 D 4.174ac PLAT 71-105

Owner Address SALAZAR HERNANDEZ REYMUNDO 518 N GILMER ST CARTERSVILLE, GA 30120

Date created: 2/29/2024 Last Data Uploaded: 2/28/2024 10:26:02 PM



**Brief Tax Description** 

City of Cartersville
Application for Variance
Board of Zoning Appeals
SalaZassey Mundo 557 @

6 Mai 1

30pm
Application Number: VZY-10

Hearing Date: 3-14-2024 5:30pm

Date Received: 12-20-2013

Applicant Re 1 mundo Salazar H	Office Phone					
(printed name) Address 518 N. 611M8 St	Mobile/ Other Phone <u>404 386 S162</u>					
City <u>Car ters VIII</u> State <u>6A</u>	Zip 30/20 Email Salazarre Mundo 557 DMaile					
Development of a mind of a many (if a bloom bloom and it and )	Phone (Rep) 4043865162					
Representative's printed name (if other than applicant)	Email (Rep) Salazar + Cymun ch SSF9 Inaile					
Representative Signature	Applicant Signature					
	DRALL DRALL					
Signed, sealed and delivered in presence of:	My commission expires:					
Sillabrie	10 6 2025 E TURNO 188					
Notary Public	COUNTAIN COUNTAIN					
	Minim J					
* Titleholder Reymondo Salazat #. (titleholder's printed name)	Phone 409 386 5162					
Address 518 N. GILMET ST CATTESUILL	Email Salazarreymundo557@mailcom					
Signature						
Signed, sealed, delivered in presence of:	My commission expires:					
Juliaan	10/6/2025 FOTARI					
Notary Public	10 Q ( COB)					
	S COUNTAIN					
Present Zoning District R-7	Parcel ID No. <u>(010 -0002-</u> 00)					
Acreage <u>9-174</u> Land Lot(s) <u>339</u>	District(s) 4 Section(s) 3					
Location of Property: N-611mer St, Ail	ken st					
(street address, nearest intersections, etc.) Zoning Section(s) for which a variance is being requested:						
Summary Description of Variance Request: Privac Fence Front Yard						
(Additional deta	il can be provided on Justifation Letter)					

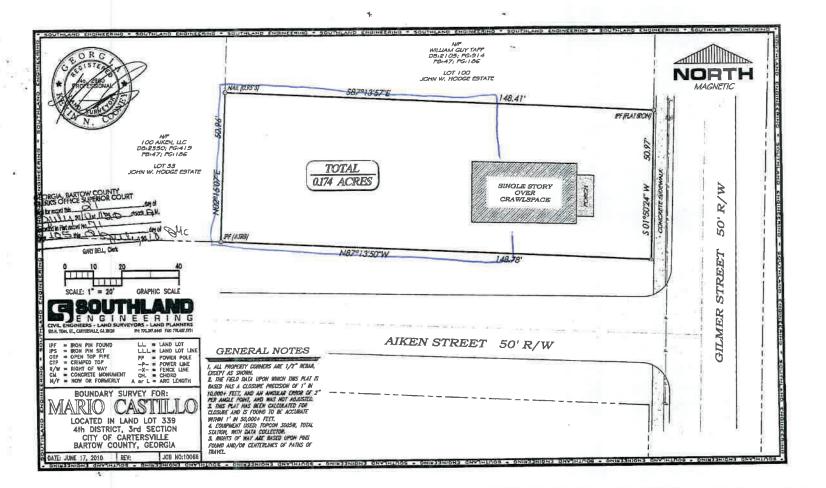
<sup>\*</sup> Attach additional notarized signatures as needed on separate application pages.

## **CONDITIONS VERIFICATION**

List the Article(s), Section(s) and Subsection(s) of the Zoning Ordinance for which a variance is requested.

Article	16	Section_B	•	Subsection	2.						
Article		Section	nSubsection								
Article		Section		Subsection							
any order, requ the zoning ordi	uirement, decisio nance. The Board	on, or determination r d has the power to he	made by the ear request	e zoning admini s for variances f	e it is alleged there is error in strator in the enforcement o from the provisions of the tion pertaining to conditions	of					
		Zoning Appeals in the apply to your varia			oplication, please check all o	of					
1	The property is exceptionally narrow, shallow or unusually shaped,										
2	The property contains exceptional topographic conditions,										
3,	The property contains other extraordinary or exceptional conditions; and										
4	There are other existing extraordinary or exceptional circumstances; and										
5,	The strict application of the requirements of this ordinance would result in practical difficulties to, or undue hardship upon, the owner of this property;										
6	The requested variance relief may be granted without substantially impairing the intent and purpose of this ordinance										
Additional Cor	mments by App	licant:				_					

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