

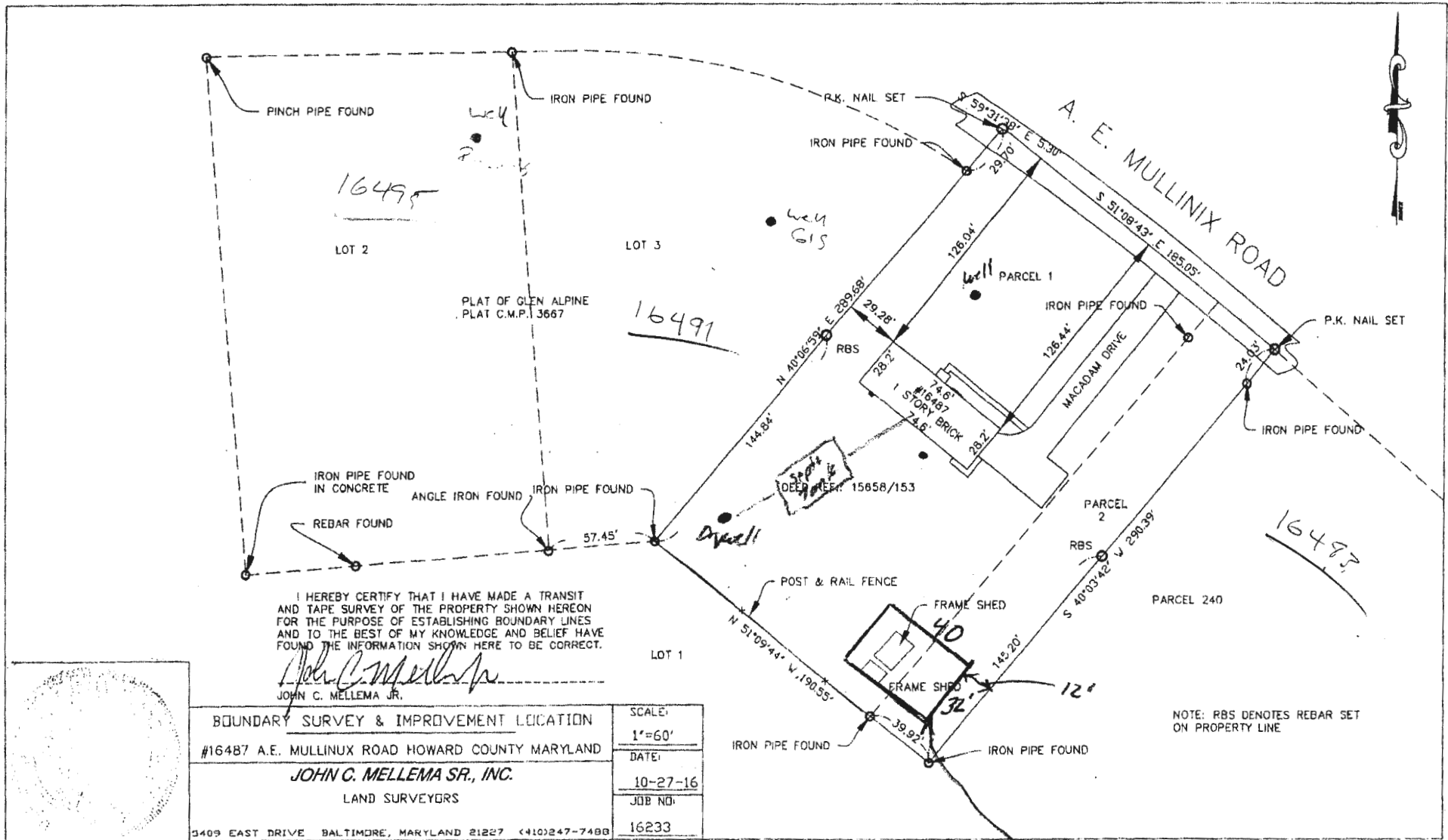
PERMIT NUMBER: B 20000 698

DATE ACCEPTED: 2/28/2020

RESIDENTIAL BUILDING PERMIT APPLICATION					
HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES, AND PERMITS					
3430 COURT HOUSE DRIVE, ELLICOTT CITY, MD 21043 - PHONE: (410) 313-2455 OPTION #4					
BUILDING SITE ADDRESS REQUIRED					
Street Address: 16487 AE Mullinix Rd.					Unit:
City: Woodbine			State: MD		Zip Code: 21797
Subdivision/Village/Complex Name:				SDP/WP/BA #:	
Lot:	Tax Map:	Parcel:	Grading Permit #:		
DESCRIPTION OF WORK REQUIRED					
Existing Use: Residential		Proposed Use: Residential		Estimated Cost: \$ 80,000	
Trade Work to Be Completed (Separate Permits Required): <input type="checkbox"/> Mechanical (HVACR) <input checked="" type="checkbox"/> Electrical <input type="checkbox"/> Plumbing <input type="checkbox"/> None					
Install 32' x 42' detached garage with electric					
PROPERTY OWNER INFORMATION REQUIRED					
Owner(s) Name(s) (As it appears on tax records): Dave Lafferty					Primary Residence: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Owner's Street Address: 16487 AE Mullinix Rd.					
City: Woodbine			State: MD		Zip Code: 21797
Phone: 410-917-0174			Email:		
APPLICANT NAME REQUIRED - INDIVIDUAL WHO SIGNS THIS APPLICATION					
Business Name: Bernarducci Contracting			Contact Name: Chris Bernarducci		
Street Address: 1508 Aerial Dr.					
City: Westminster MD			State: MD		Zip Code: 21157
Phone: 443-797-9409			Email: CFUC01@HOTMAIL.COM		
CONTRACTOR INFORMATION REQUIRED					
Business Name: Bernarducci Contracting					
Licensee's Name: Chris Bernarducci			License #: MAIL 99528		
Street Address: 1508 Aerial Dr.					
City: Westminster MD			State: MD		Zip Code: 21157
Phone: 443-797-9409			Email: CFUC01@HOTMAIL.COM		
ARCHITECT/ENGINEER INFORMATION INDIVIDUAL WHO SIGNED PLANS, IF APPLICABLE					
Business Name: GBL Architecture			Name: Greg Little		
Street Address: P.O. Box 237					
City: Finksburg MD			State: MD		Zip Code: 21048
Phone: 410-833-8320			Email:		
BUILDING CHARACTERISTICS REQUIRED					
Primary Structure: <input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse <input type="checkbox"/> SF Duplex <input type="checkbox"/> Mobile Home <input type="checkbox"/> Multi-Family Dwelling (MF*)					Condo: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Utilities: <input checked="" type="checkbox"/> Electric <input type="checkbox"/> Gas		Water Supply: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private (Well)		Sewage Disposal: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private (Septic)	
Heating System: <input checked="" type="checkbox"/> Electric <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane <input type="checkbox"/> Other:				Roadside Tree Project: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes: #	
Sprinkler System: <input type="checkbox"/> NFPA 13 <input type="checkbox"/> NFPA 13R <input type="checkbox"/> NFPA 13D <input checked="" type="checkbox"/> None			Fire Alarm System: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Voice Evac		
ADDITIONAL RESIDENTIAL INFORMATION (PLEASE SELECT/COMPLETE ALL THAT APPLY)					
Model Name & Options: 2 Story w/Loft					
# of Bedrooms (SF):		# of efficiency units (MF*):		# of 3 BR (MF*):	
# of 1 BR (MF*):		# of 2 BR (MF*):		# of 3 BR (MF*):	
# Rooms: 1 w/loft		# Full Baths:		# Fireplaces:	
Garage/Carport Info: <input type="checkbox"/> Attached Garage <input checked="" type="checkbox"/> Detached Garage <input type="checkbox"/> Integral Garage <input type="checkbox"/> Carport <input type="checkbox"/> None					
Basement/Foundation Info: <input type="checkbox"/> Slab on Grade <input type="checkbox"/> Post & Pier <input type="checkbox"/> Unfinished Basement <input type="checkbox"/> Finished Basement: <input type="checkbox"/> Full or <input type="checkbox"/> Partial					
2nd Fl Width:		2nd Fl Depth:		Bsmt Width:	
Bsmt Depth:		Gross Area: 1344 sq ft		Occupiable Area: sq ft	
Energy Method: <input type="checkbox"/> Prescriptive <input type="checkbox"/> Performance <input type="checkbox"/> UA Alternative <input type="checkbox"/> ERI					
AGREEMENT/ DISCALIMER REQUIRED					
THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS THE OWNER OF THE PROPERTY AND IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.					
APPLICANT'S ORIGINAL SIGNATURE			FEB 28 2020		
APPLICANT'S ORIGINAL SIGNATURE			2/28/20		
LICENSES & PERMITS DIVISION					
FOR OFFICE USE ONLY					
CHECKS PAYABLE TO: DIRECTOR OF FINANCE OF HOWARD COUNTY					
AGENCIES REQUIRED/APPROVALS:					
<input checked="" type="checkbox"/> PR	<input checked="" type="checkbox"/> DPZ	<input checked="" type="checkbox"/> DED	<input checked="" type="checkbox"/> Health	<input type="checkbox"/> SHA	<input type="checkbox"/> CID
SUBMITTAL FEES: 2500		PAYMENT: 5239		ACCEPTED BY: RD	

T:\Operations\UpdatedForms\ResidentialBuildingPermitApp01.28.2020

3/26 Sent memo to contractor asked to forward to homeowner
* Per Cost Reg



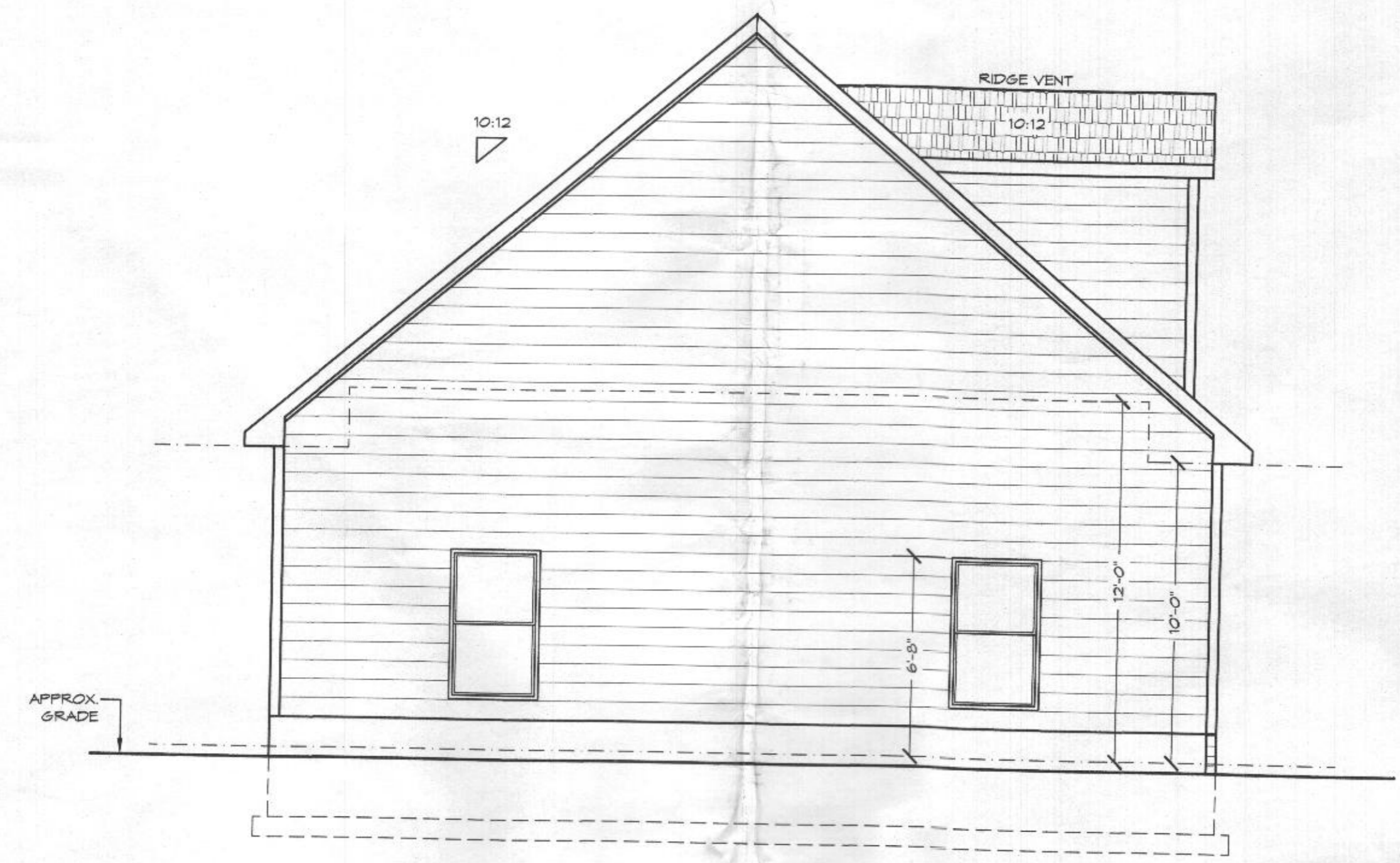
I HEREBY CERTIFY THAT I HAVE MADE A TRANSIT
 AND TAPE SURVEY OF THE PROPERTY SHOWN HEREON
 FOR THE PURPOSE OF ESTABLISHING BOUNDARY LINES
 AND TO THE BEST OF MY KNOWLEDGE AND BELIEF HAVE
 FOUND THE INFORMATION SHOWN HERE TO BE CORRECT.

John C. Mellema Jr.
 JOHN C. MELLEMA JR.

BOUNDARY SURVEY & IMPROVEMENT LOCATION		SCALE:
#16487 A.E. MULLINIX ROAD HOWARD COUNTY MARYLAND		1"=60'
JOHN C. MELLEMA SR., INC.		DATE:
LAND SURVEYORS		10-27-16
3409 EAST DRIVE BALTIMORE, MARYLAND 21227 (410)247-7480		JOB NO:
		16233

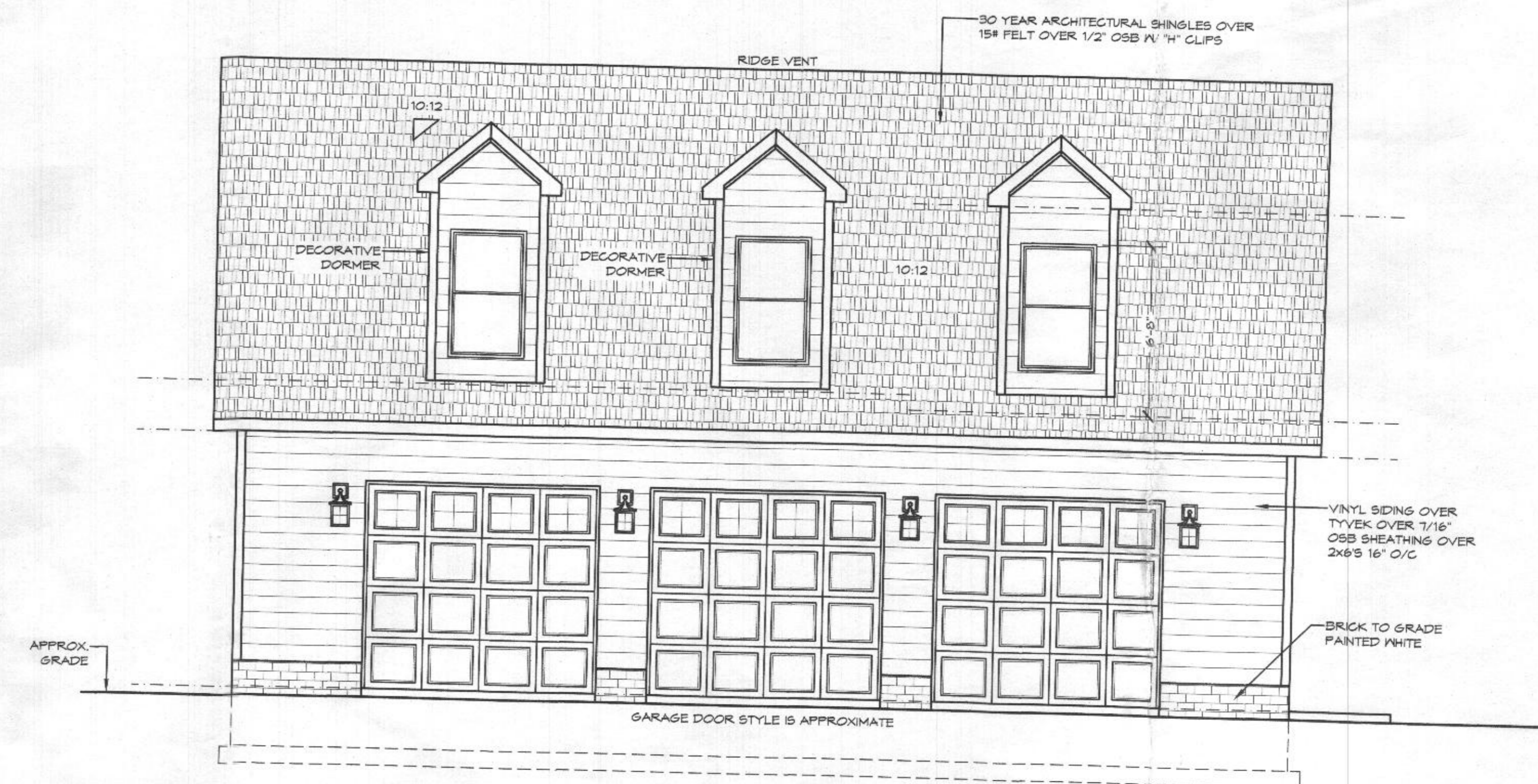
NOTE: RBS DENOTES REBAR SET ON PROPERTY LINE

DETACHED GARAGE
THE LAFFERTY RESIDENCE
BERARDUCCI CONTRACTING, INC.



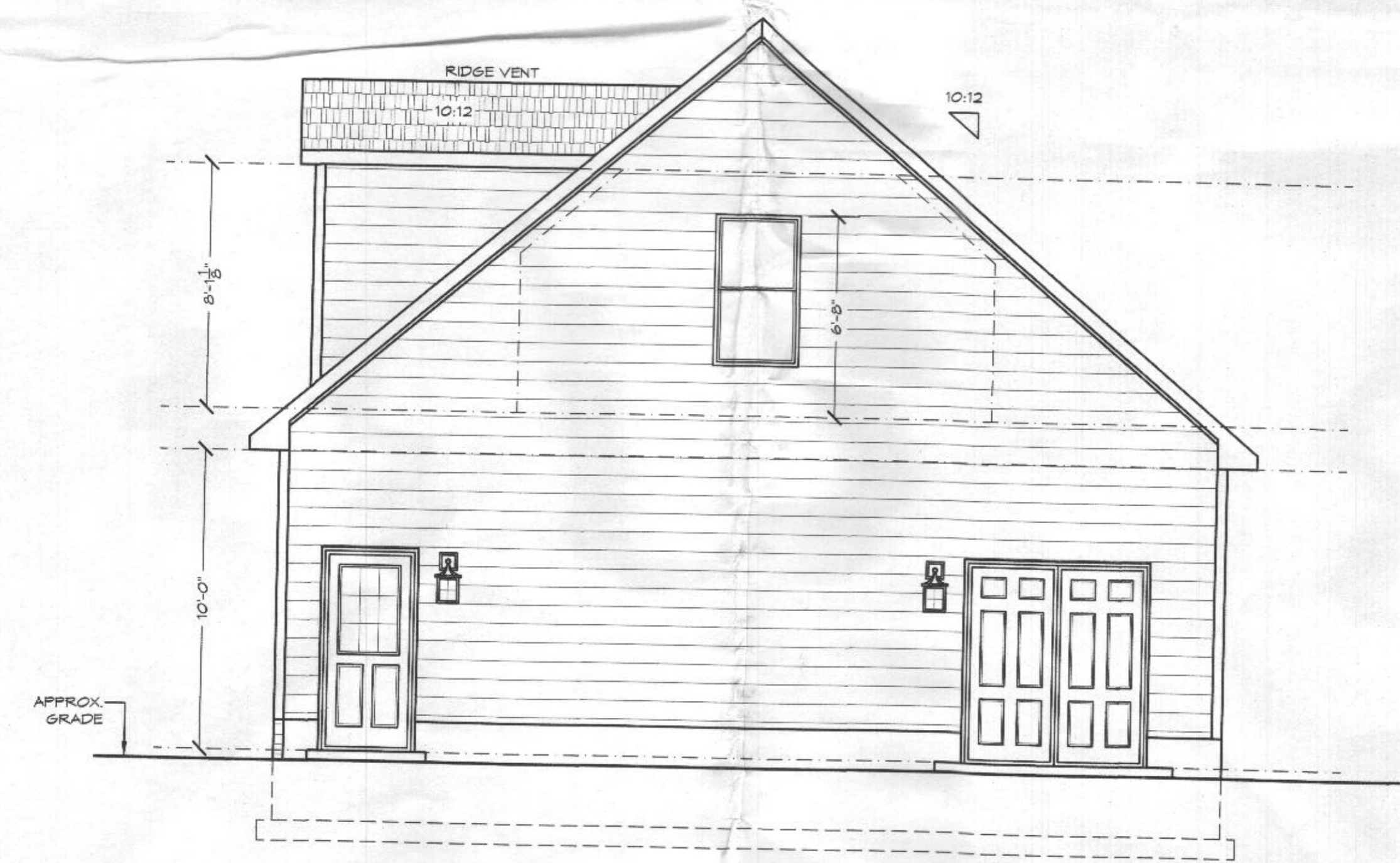
DETACHED GARAGE- LEFT SIDE ELEVATION

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



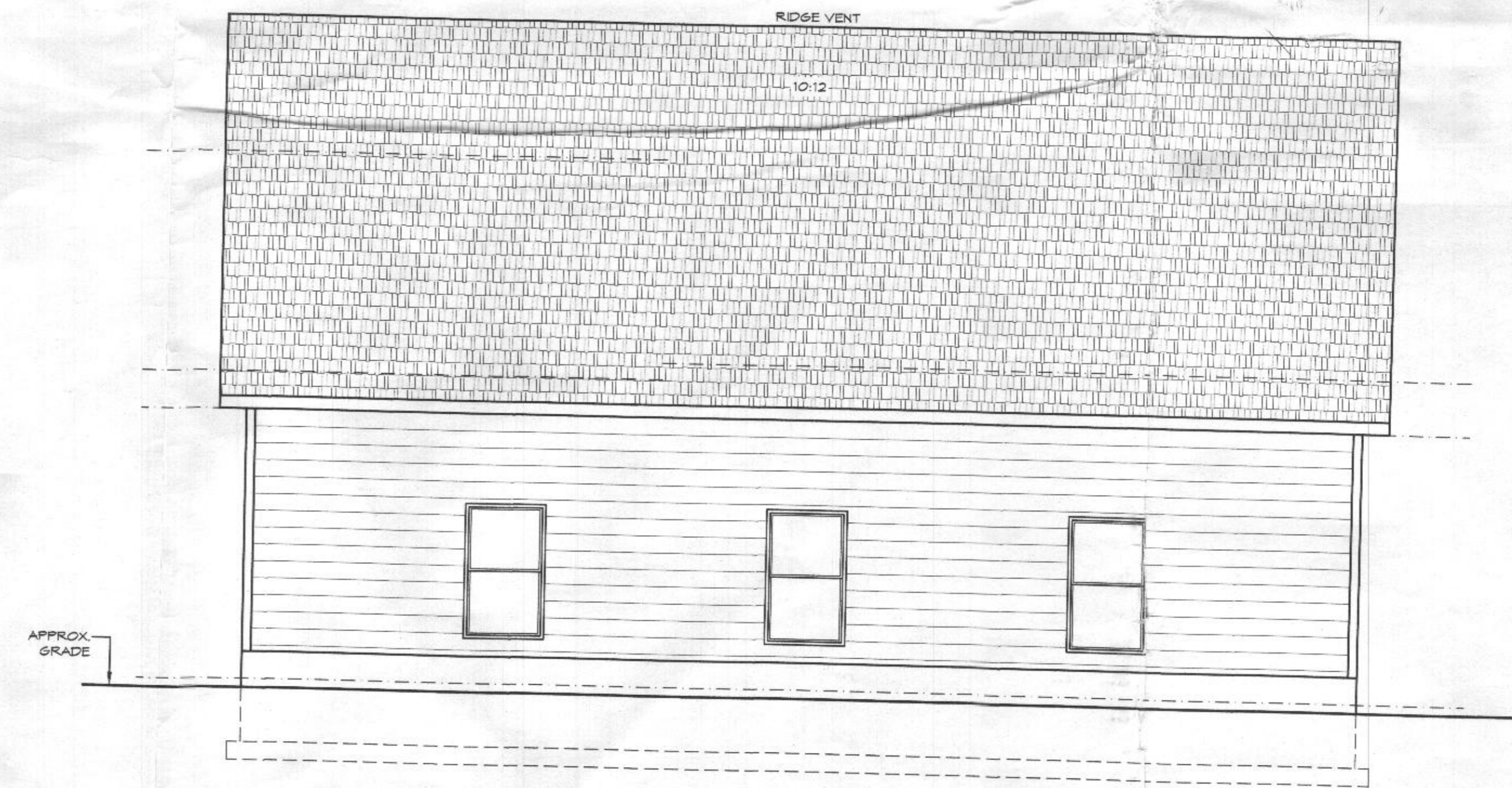
DETACHED GARAGE- FRONT ELEVATION

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



DETACHED GARAGE- RIGHT SIDE ELEVATION

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



DETACHED GARAGE- REAR ELEVATION

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

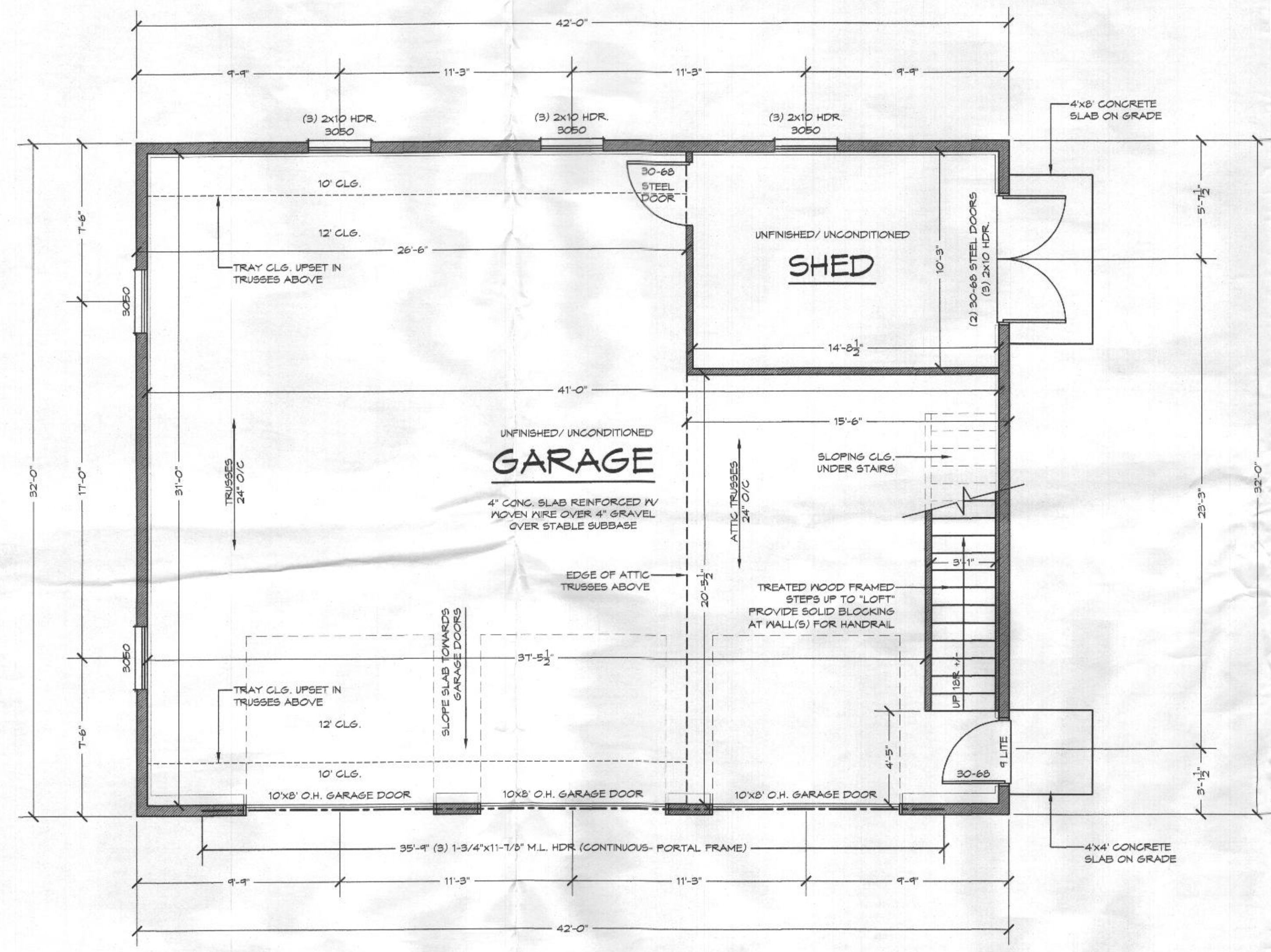
REVISED 11/12/2019
REVISED 11/5/2019

FILE: BERARDUCCI - LAFFERTY GARAGE

SCALE: 1/4"=1'-0"
DATE: 10/20/19
SHEET NO.: 1 OF 5

GBL CUSTOM HOME DESIGN INC.
PO BOX 237 FNKSBURG, MD 21048
PHONE 410-833-8520

DETACHED GARAGE
THE LAFFERTY RESIDENCE
BERARDUCCI CONTRACTING, INC.

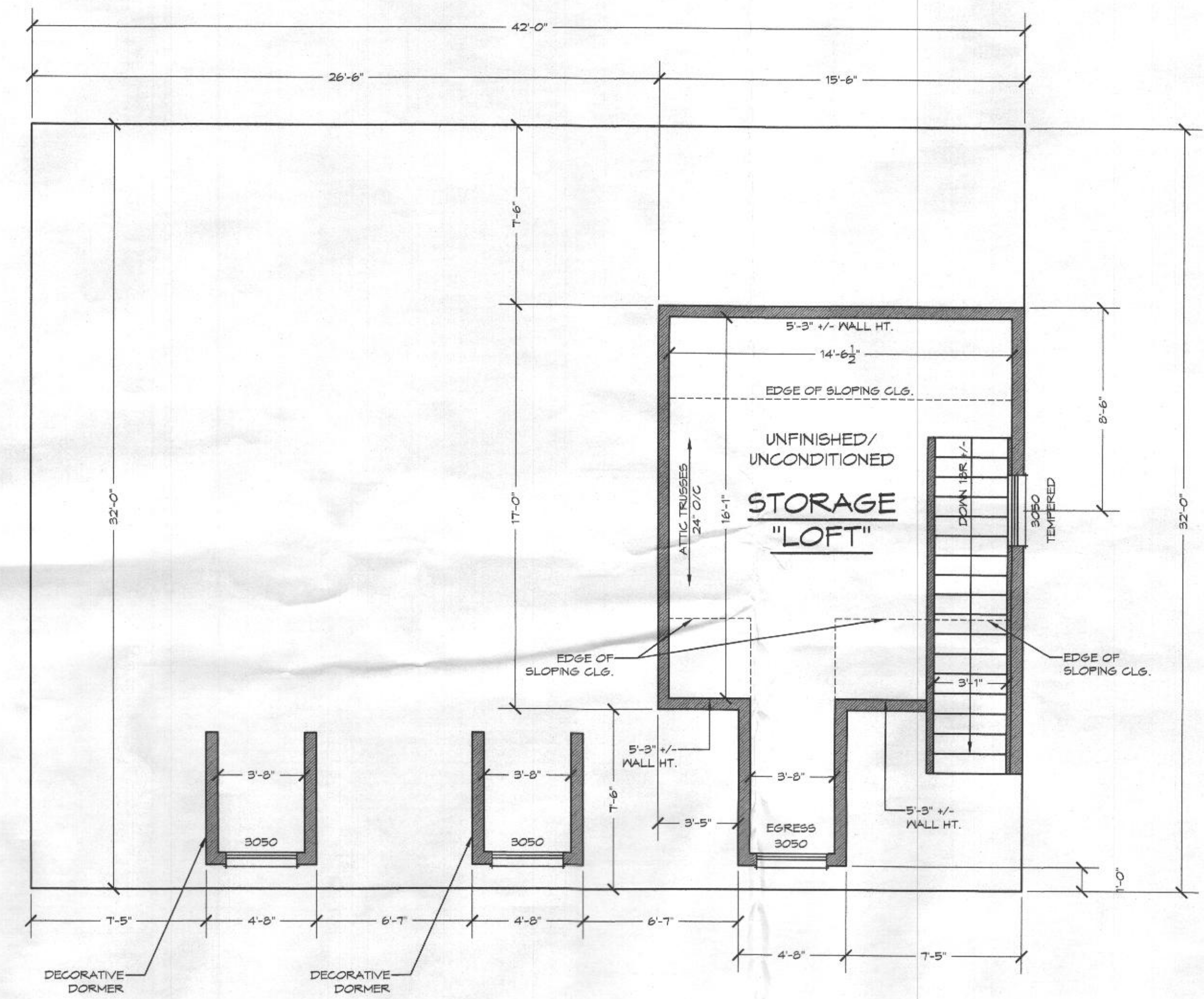


DETACHED GARAGE- FIRST FLOOR PLAN

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

GENERAL NOTES:

- WINDOWS SHOWN ANDERSEN 200 SERIES (VINYL SIZES).
- SIZES MEET OR EXCEED EGRESS CLEAR OPENING AREA OF 5.7 SQ.FT., CLEAR OPENING WIDTH OF 20" & CLEAR OPENING HEIGHT OF 24"
- FINAL GRADE SHOWN HEREON IS STRICTLY APPROXIMATE. CONTRACTOR TO FIELD VERIFY.

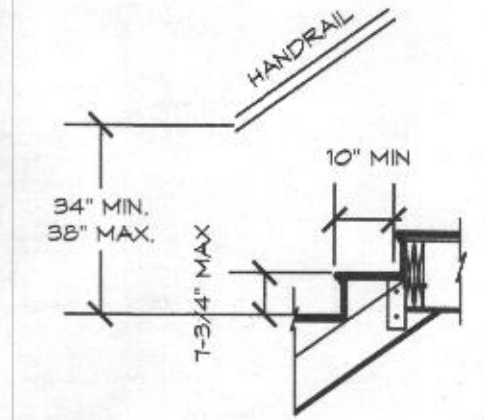


DETACHED GARAGE- SECOND FLOOR PLAN

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

R613.2 WINDOW SILLS
ALL WINDOWS WHERE THE OPERABLE OPENING IS LOCATED MORE THAN 12" ABOVE FINISHED GRADE OR SURFACE BELOW, THE LOWEST PART OF THE CLEAR OPENING SHALL BE A MIN. OF 24" ABOVE THE FINISHED FLOOR OF THE ROOM IN WHICH THE WINDOW IS LOCATED. GLAZING BETWEEN THE FLOOR AND 24" SHALL BE FIXED OR HAVE OPENINGS THROUGH WHICH A 4" DIA. SPHERE CANNOT PASS.

- EXCEPTIONS:
1. WINDOWS WHOSE OPENINGS WILL NOT ALLOW A 4" DIA. SPHERE TO PASS THROUGH THE OPENING WHEN THE OPENING IS IN ITS LARGEST OPENED POSITION.
 2. OPENINGS THAT ARE PROVIDED WITH WINDOW GUARDS THAT COMPLY WITH ASTM F 2086 OR F 2090.



TYPICAL STAIR SECTION

NOTE: ALL STAIRS SHALL BE CONSTRUCTION IS ACCORDANCE WITH IRC 2015 SECTION R314

REVISED 11/12/2019
REVISED 11/5/2019

FILE BERARDUCCI - LAFFERTY GARAGE
SCALE: 1/4"=1'-0"
DATE: 10/20/19
SHEET NO.: 3 OF 5
GBL CUSTOM HOME DESIGN INC. PO BOX 237 FINKSBURG, MD 21048 PHONE 410-833-8320

GENERAL STRUCTURAL NOTES

1. GENERAL

A. ALL CONSTRUCTION SHALL CONFORM WITH THE PROVISIONS OF THE 2015 INTERNATIONAL RESIDENTIAL CODE FOR ONE AND TWO FAMILY DWELLINGS.

B. DESIGN LIVE LOADS:
 ROOF.....30 PSF
 FLOORS.....40 PSF
 SLEEPING AREA.....30 PSF

2. FOUNDATIONS

A. FOOTINGS ARE DESIGNED FOR AN ALLOWABLE SOIL BEARING CAPACITY OF 2000 PSF. FOOTINGS SHALL BEAR ON NATURAL UNDISTURBED SOIL, 1'-0" BELOW ORIGINAL GRADE. THE BOTTOM OF EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 2'-6" BELOW FINISHED GRADE. CONTRACTOR TO VERIFY THE ALLOWABLE SOIL PRESSURE IN THE FIELD. IF FOUND TO BE LESS THAN 2000 PSF, THE FOOTINGS WILL HAVE TO BE REDESIGNED.

3. CAST IN PLACE CONCRETE

A. ALL CONCRETE WORK SHALL CONFORM TO THE LATEST APPROVED (BY LOCAL GOVERNMENT) EDITIONS OF THE FOLLOWING A.C.I. AND A.S.T.M. DOCUMENTS:

ACI-301 SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS
 ACI-318 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE

B. ALL CONCRETE EXCEPT AS NOTED SHALL BE (FC=3,000 PSI) STONE AGGREGATE CONCRETE AT 28 DAYS. ALL CONCRETE EXPOSED TO THE WEATHER SHALL BE AIR ENTRAINED.

C. SLABS ON GROUND SHALL BE 4" THICK CONCRETE REINFORCED WITH 6"x6" (1.4x1.4) W/W OVER 6 MIL POLYETHYLENE VAPOR BARRIER AND 4" WASHED GRAVEL UNLESS OTHERWISE NOTED.

4. MASONRY

A. ALL MASONRY CONSTRUCTION AND MATERIALS USED THEREIN (CONCRETE MASONRY, CLAY MASONRY, MORTAR, GROUT, AND STEEL REINFORCEMENT) SHALL CONFORM TO "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" (ACI 530-12/ASCE 5-12/TMS 402-12) AND "SPECIFICATIONS FOR MASONRY STRUCTURES" (ACI 530.1-12/ASCE 5-12/TMS 402-12) IN ALL RESPECTS.

B. MASONRY BEARING WALLS SHALL CONSIST OF STANDARD HOLLOW UNITS CONFORMING TO ASTM C 90 UNLESS OTHERWISE NOTED, WHERE SOLID UNITS ARE REQUIRED, PROVIDE UNITS CONFORMING TO ASTM C 145.

C. ALL MORTAR SHALL CONFORM TO THE REQUIREMENTS FOR PROPORTIONS, MIXING, STRENGTH AND APPLICATION FOR PORTLAND CEMENT/LIME TYPE "S" MORTAR AS DESCRIBED IN ACI 530-12.

D. ALL GROUT FILL IN MASONRY WALLS SHALL CONFORM TO ASTM C 476 SLUMP RANGE 8-11". PLACE GROUT IN 3'-0" MAXIMUM POUR HEIGHTS AND CONSOLIDATE BY MECHANICAL VIBRATION.

E. PROVIDE 3" DEPTH OF 100% SOLID MASONRY BELOW ALL JOIST OR SLAB BEARING LINES. PROVIDE 16" HIGH X16" LONG 100% SOLID MASONRY BELOW ALL LINTELS AND BEAMS UNLESS NOTED OTHERWISE.

F. ALL MASONRY WALLS SHALL BE REINFORCED WITH NO. 9 GAGE TRUSS TYPE GALVANIZED DUR-O-WALL SPACED VERTICALLY AT 16" O.C. U.N.O. LAP ALL DUR-O-WALL 6" MINIMUM. PROVIDE CORNER AND TEE PIECES AT ALL INTERSECTIONS.

G. LOOSE LINTELS FOR MASONRY WALLS SHALL BE FOR EACH 4" WIDTH OF MASONRY ONE STEEL ANGLE AS FOLLOWS:

0'-0" TO 3'-0" 3-1/2"x 3-1/2"x 5/16"
 3'-1" TO 5'-0" 4"x 3-1/2"x 5/16"
 5'-1" TO 6'-6" 5"x 3-1/2"x 3/8"
 6'-7" TO 8'-0" 6"x 3-1/2"x 3/8"

ALL ANGLES SHALL HAVE THEIR SHORT LEGS OUTSTANDING AND 6" MINIMUM BEARING.

5. STRUCTURAL STEEL

A. ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM SPECIFICATION A-36 (LATEST LOCAL APPROVED). ALL STEEL SHALL BE DETAILED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE AISC MANUAL, AISC SPECIFICATION AND AISC CODE OF STANDARD PRACTICE.

B. ALL WELDED CONNECTIONS SHALL BE DONE WITH E70XX ELECTRODES. SHOP AND FIELD WELDS SHALL BE MADE BY APPROVED CERTIFIED WELDERS AND SHALL CONFORM TO THE AMERICAN WELDING SOCIETY CODE FOR BUILDING AND ALL WELDS SHALL DEVELOP THE FULL STRENGTH OF MATERIALS BEING WELDED UNLESS OTHERWISE NOTED.

6. WOOD

A. STRUCTURAL WOOD RAFTERS, JOISTS, BEAMS, AND STUDS SHALL BE HEM FIR #2 OR SPRUCE PINE FIR #2 SURFACED DRY AT A MAXIMUM OF 19% MOISTURE CONTENT. ALL LUMBER EXPOSED TO WEATHER SHALL BE PRESSURE TREATED SOUTHERN PINE #2. ALL FABRICATION, ERECTION, OTHER PROCEDURES, AND MINIMUM UNIT STRESSES SHALL CONFORM TO THE CURRENT NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION.

B. WOOD TRUSSES SHALL BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE NATIONAL DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSS CONSTRUCTION (ANSI/TPI 1) AND COMMENTARY AND RECOMMENDATIONS FOR HANDLING, INSTALLING AND BRACING METAL PLATE CONNECTED WOOD TRUSSES (HB-11) AS PUBLISHED BY THE TRUSS PLATE INSTITUTE AND IN ACCORDANCE WITH THE 1991 EDITION OF THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION.

C. WOOD TRUSSES AND ENGINEERED FLOOR JOISTS ARE TO BE DESIGNED BY THE SUPPLIER. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER/ARCHITECT FOR REVIEW. ALL TRUSSES AND JOISTS SHALL BE DESIGNED TO LIMIT THE BEARING STRESS TO 425 PSI WHEN MEMBERS BEAR ON STUD WALLS. PROVIDE MEMBERS OF ADEQUATE WIDTH OR METAL CONNECTIONS TO LIMIT STRESSES TO THE SPECIFIED VALUE.

D. ALL LAMINATED VENEER LUMBER (LVL) OR PARALLEL STRAND LUMBER (PSL) SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES: Fb=2600 psi, Fv=295 psi, E=1,900,000 psi, Fc= 2510 psi (PARALLEL), Fc=1750 psi (PERPENDICULAR).

E. ALL DOUBLE MEMBERS SHALL BE NAILED TOGETHER WITH 2 ROWS OF 16d NAILS SPACED AT 12" O.C. ALL TRIPLE MEMBERS SHALL BE NAILED TOGETHER WITH 3 ROWS OF 16d NAILS SPACED AT 12" O.C. NAILED FROM EACH SIDE.

F. PROVIDE DOUBLE JOISTS AT PARALLEL PARTITIONS WHERE PARTITION LENGTH EXCEEDS 1/3 JOIST SPAN.

G. ALL NAILS ARE TO BE COMMON WIRE NAILS. NAILING OF ALL FRAMING SHALL BE AS SPECIFIED IN THE CONTRACT DOCUMENTS BUT IN NO CASE SHALL BE LESS THAN THE RECOMMENDED NAILING SCHEDULE CONTAINED IN THE 2000 INTERNATIONAL RESIDENTIAL CODE. ALL MULTIPLE STUD POSTS ARE TO BE NAILED TOGETHER WITH 12d NAILS @ 6" O.C. STAGGERED.

H. PROVIDE BRIDGING SPACED AT 48" O.C. IN FIRST TWO JOIST, RAFTER, OR TRUSS SPACES WHEN FRAMING IS PARALLEL TO EXTERIOR WALL. NAIL SHEATHING (FLOOR, CEILING OR ROOF) TO BRIDGING AND NAIL BRIDGING EXTERIOR WALL PLATE. PROVIDE ONE ROW OF BRIDGING BETWEEN ALL FLOOR AND ROOF JOISTS FOR EACH 8'-0" OF SPAN. PROVIDE SOLID BLOCKING OR A CONTINUOUS RM JOIST AT THE BEARINGS OF JOISTS, RAFTERS OR TRUSSES ON WOOD PLATES.

I. PROVIDE THE FOLLOWING JAMB STUDS AT ALL BEARING WALL OPENINGS UNLESS NOTED OTHERWISE:

0-3' OPENING 1 JACK STUD, 1 KING STUD
 3'-1" - 6'-0" OPENING 2 JACK STUDS, 1 KING STUD
 6'-1" - 9'-0" OPENING 2 JACK STUDS, 2 KING STUDS

PROVIDE DOUBLE STUDS AT ALL CORNERS AND BENEATH ALL GIRDER TRUSSES AND WOOD BEAMS UNLESS NOTED OTHERWISE ON PLANS. GIRDERS TRUSSES AND HEADERS SHALL BEAR THE FULL DEPTH OF POSTS AND JACK STUDS.

J. ALL POSTS (MULTIPLE STUDS OR SOLID POST) SUPPORTING BEAMS, WALL HEADERS OR GIRDER TRUSSES SHALL BE BLOCKED SOLID FOR THE FULL LENGTH AND WIDTH OF POSTS AT ALL INTERSECTIONS WITH FLOORS AS REQUIRED TO PROVIDE CONTINUOUS SUPPORT TO TOP OF FOUNDATION WALLS OR BEAMS. POSTS SHOWN ON UPPER LEVELS FLOORS SHALL ALSO BE INSTALLED ON THE LOWER LEVELS IN LINE WITH THE POST ABOVE DOWN TO FOUNDATION WALLS OR BEAMS.

K. ALL FLUSH JOIST TO BEAM OR BEAM TO BEAM CONNECTIONS SHALL BE MADE WITH JOIST OR BEAM HANGERS TO SUPPORT THE LOAD CAPACITY INDICATED ON THE PLANS OR THE FULL CAPACITY OF THE JOIST OR BEAM. HANGERS SHALL BE PROVIDED BY SIMPSON STRONG TIE OR USF LUMBER CONNECTORS. THE SUPPLIER SHALL DESIGN ALL HANGERS FOR THE CAPACITY STATED. INSTALL ALL HANGERS IN STRICT CONFORMANCE TO THE MANUFACTURER'S INSTRUCTIONS. FILL ALL NAIL OR BOLT HOLES USING THE SPECIFIED NAILS AND BOLTS ONLY.

TABLE R301.5 MINIMUM UNIFORMLY DISTRIBUTED LIVE LOADS (in pounds per square foot)

USE	LIVE LOAD
UNINHABITABLE ATTICS w/o STORAGE. b	10
UNINHABITABLE ATTICS w/ LIMITED STORAGE. b, g	20
HABITABLE ATTICS & ATTICS SERVED w/ FIXED STAIRS.	30
BALCONIES (EXTERIOR) & DECKS. e	40
FIRE ESCAPES.	40
GUARDRAILS & HANDRAILS. d	200h
GUARDRAIL INFILL COMPONENTS. f	50h
PASSENGER VEHICLE GARAGES. a	50a
ROOMS OTHER THAN SLEEPING ROOMS.	40
SLEEPING ROOMS.	30
STAIRS.	40c

For S1: 1 pound per square foot = 0.0479 kPa, 1 square inch = 645 mm², 1 pound = 4.45 N.

a. Elevated garage floors shall be capable of supporting a 2,000-pound load applied over a 20-square-inch area.

b. Uninhabitable attics without storage are those where the maximum clear height between joists and rafters is less than 42 inches, or where there are not two or more adjacent trusses with web configurations capable of accommodating an assumed rectangle 42 inches high by 24 inches in width, or greater, within the plane of the trusses. This live load need not be assumed to act concurrently with any other live load requirements.

c. Individual stair treads shall be designed for the uniformly distributed live load or a 300-pound concentrated load acting over an area of 4 square inches, whichever produces the greater stresses.

d. A single concentrated load applied in any direction at any point along the top.

e. See Section R502.2.2 for decks attached to exterior walls.

f. Guard in-fill components (all those except the handrail), balusters and panel fillers shall be designed to withstand a horizontally applied normal load of 50 pounds on an area equal to 1 square foot. This load need not be assumed to act concurrently with any other live load requirement.

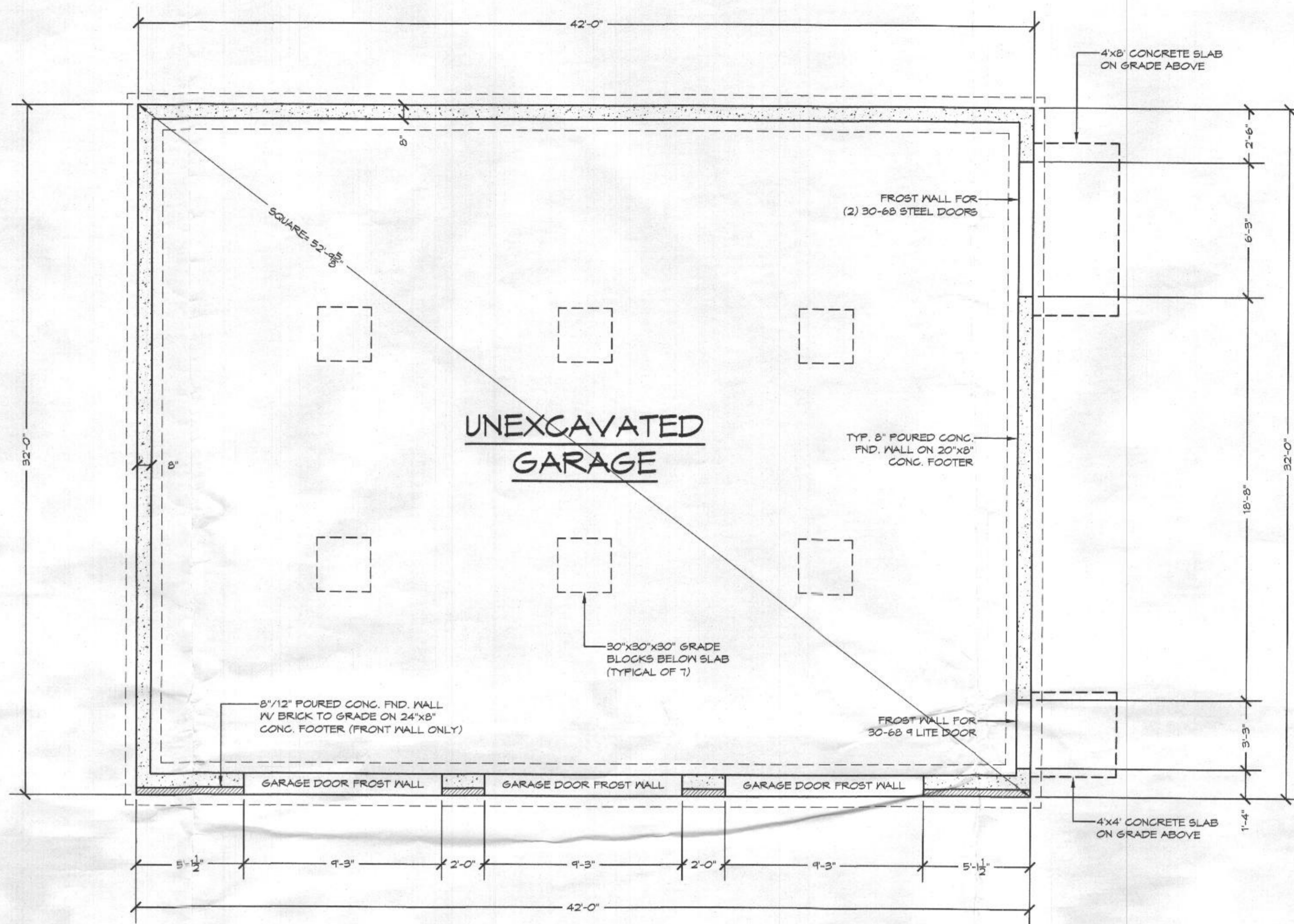
g. Uninhabitable attics with limited storage are those where the maximum clear height between joists and rafters is 42 inches or greater, or where there are two or more adjacent trusses with web configurations capable of accommodating an assumed rectangle 42 inches in height by 24 inches in width, or greater, within the plane of the trusses. The live load need only be applied to those portions of the joists or truss bottom chords where all of the following conditions are met:

1. The attic area is accessible from an opening not less than 20 inches in width by 30 inches in length that is located where the clear height in the attic is a minimum of 30 inches.

2. The slopes of the joists or truss bottom chords are no greater than 2 inches vertical to 12 units horizontal.

3. Required insulation depth is less than the joist or truss bottom chord member depth. The remaining portions of the joists or truss bottom chords shall be designed for a uniformly distributed concurrent live load of not less than 10 lb/ft². h. Glazing used in handrail assemblies and guards shall be designed with a safety factor of

4. The safety factor shall be applied to each of the concentrated loads applied to the top of the rail, and to the load on the in-fill components. These loads shall be determined independent of one another, and loads are assumed not to occur with any other live load.



DETACHED GARAGE- FOUNDATION PLAN

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

PROJECT ADDRESS:
 16487 A.E. MULLINX ROAD
 WOODBINE, MD. 21147
 HOWARD COUNTY, MD.

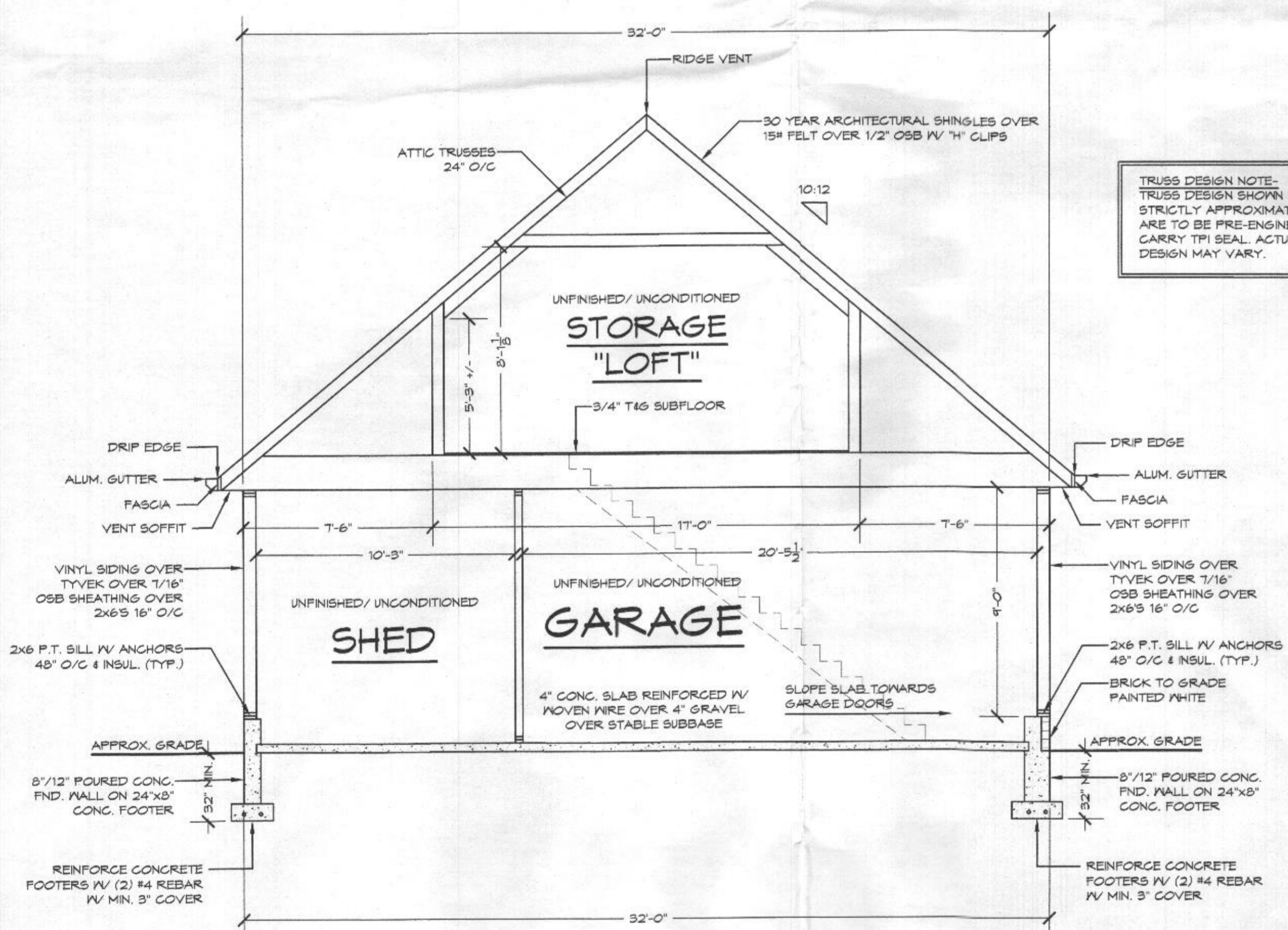
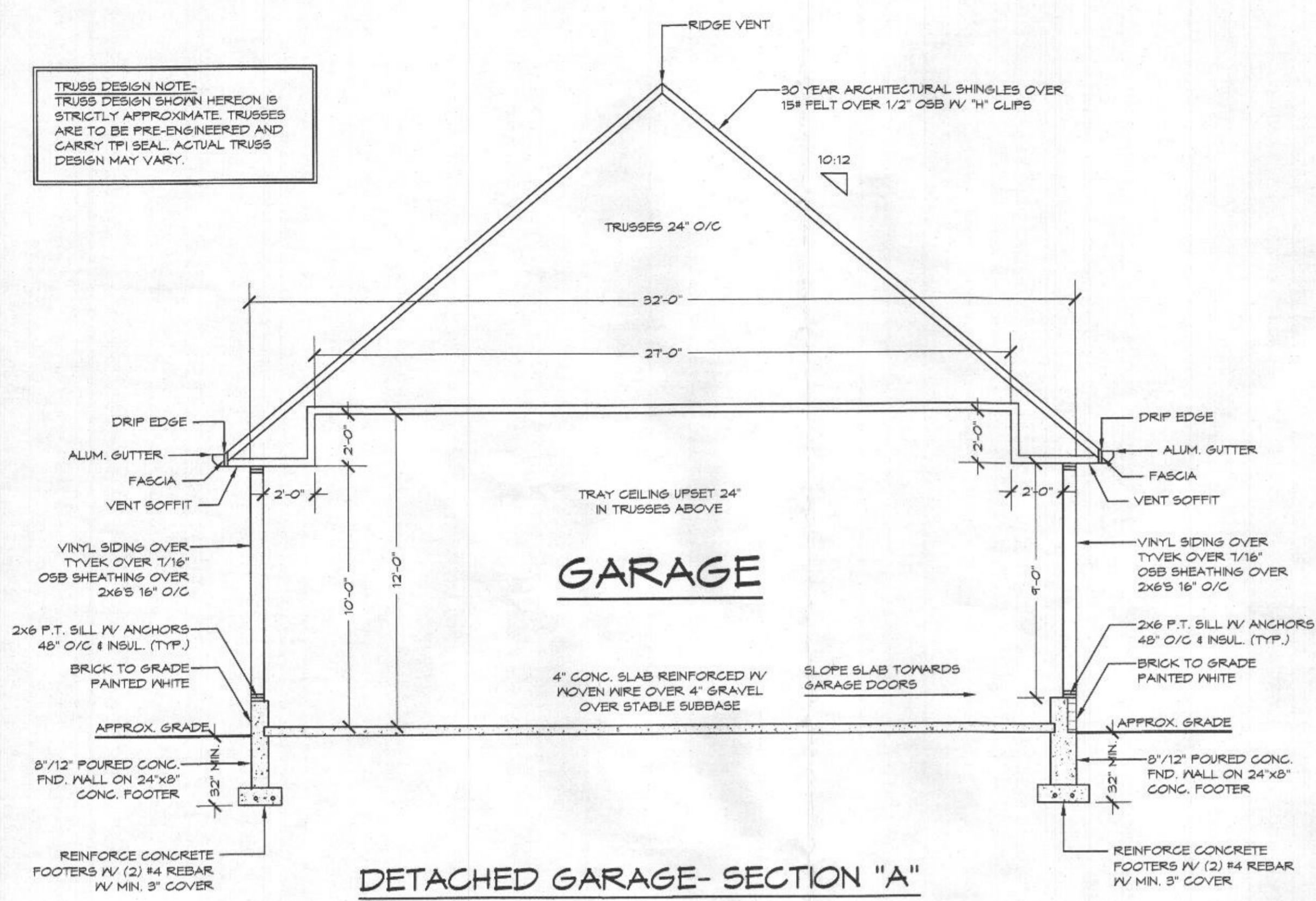
DETACHED GARAGE
THE LAFFERTY RESIDENCE
BERARDUCCI CONTRACTING, INC.

REVISED 11/12/2014
 REVISED 11/5/2014

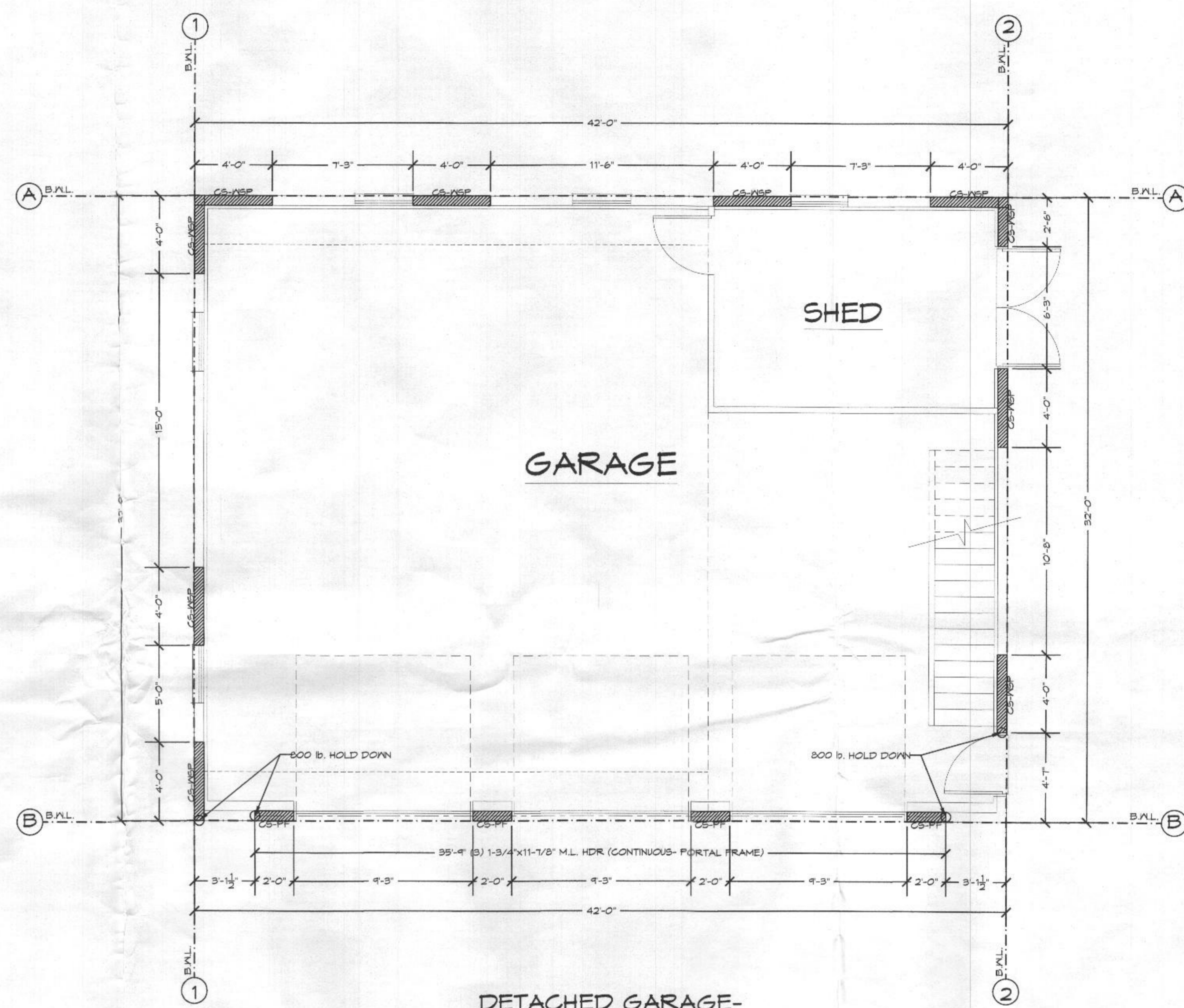
SCALE: 1/4"=1'-0"	GBL CUSTOM HOME DESIGN INC. PO BOX 237 FINNSBURG, MD 21048 PHONE 410-833-8320
DATE: 10/20/18	
SHEET NO.: 2 OF 5	

FILE BERARDUCCI - LAFFERTY GARAGE

TRUSS DESIGN NOTE:
TRUSS DESIGN SHOWN HEREON IS STRICTLY APPROXIMATE. TRUSSES ARE TO BE PRE-ENGINEERED AND CARRY TPI SEAL. ACTUAL TRUSS DESIGN MAY VARY.



TRUSS DESIGN NOTE:
TRUSS DESIGN SHOWN HEREON IS STRICTLY APPROXIMATE. TRUSSES ARE TO BE PRE-ENGINEERED AND CARRY TPI SEAL. ACTUAL TRUSS DESIGN MAY VARY.



- LEGEND:**
- CS-NSP CONTINUOUS SHEATHING- MOOD STRUCTURAL PANEL (-LENGTH)
 - CS-PFP CONTINUOUS SHEATHED PORTAL FRAME
 - CS-S CONTINUOUS SHEATHING- GARAGE DOOR OPENING
 - GB GYPSUM 2 SIDED
 - ⊗ TIE DOWN DEVICE (-LBS)

WALL BRACING DESIGN INFO:

LOCATION: HOWARD COUNTY, MARYLAND
SEISMIC CATEGORY: B
WIND SPEED: 90 MPH

METHOD 3 (MOOD SHEATHING)/ CONTINUOUS SHEATHING METHOD 5 (GYPSUM BOARD)

*THESE DRAWINGS ARE LIMITED TO IRC WALL BRACING REQUIREMENTS ONLY.

R602.10.4 CONTINUOUS SHEATHING. BRACED WALL LINES WITH CONTINUOUS SHEATHING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THIS SECTION. ALL BRACED WALL LINES ALONG EXTERIOR WALLS ON THE SAME STORY SHALL BE CONTINUOUSLY SHEATHED.

HOLD-DOWN DEVICE: 800 LB. CAPACITY FASTENED TO THE EDGE OF THE BRACED WALL PANEL CLOSEST TO THE CORNER AND TO THE FOUNDATION OR FLOOR FRAMING BELOW. (R602.10)

**DETACHED GARAGE
THE LAFFERTY RESIDENCE
BERARDUCCI CONTRACTING, INC.**

REVISED 11/12/2014
REVISED 11/5/2014

FILE: BERARDUCCI - LAFFERTY GARAGE

SCALE: 1/4"=1'-0"	GBL CUSTOM HOME DESIGN INC. PO BOX 237 FINKSBURG, MD 21048 PHONE 410-833-8320
DATE: 10/20/14	
SHEET NO: 4 OF 5	

