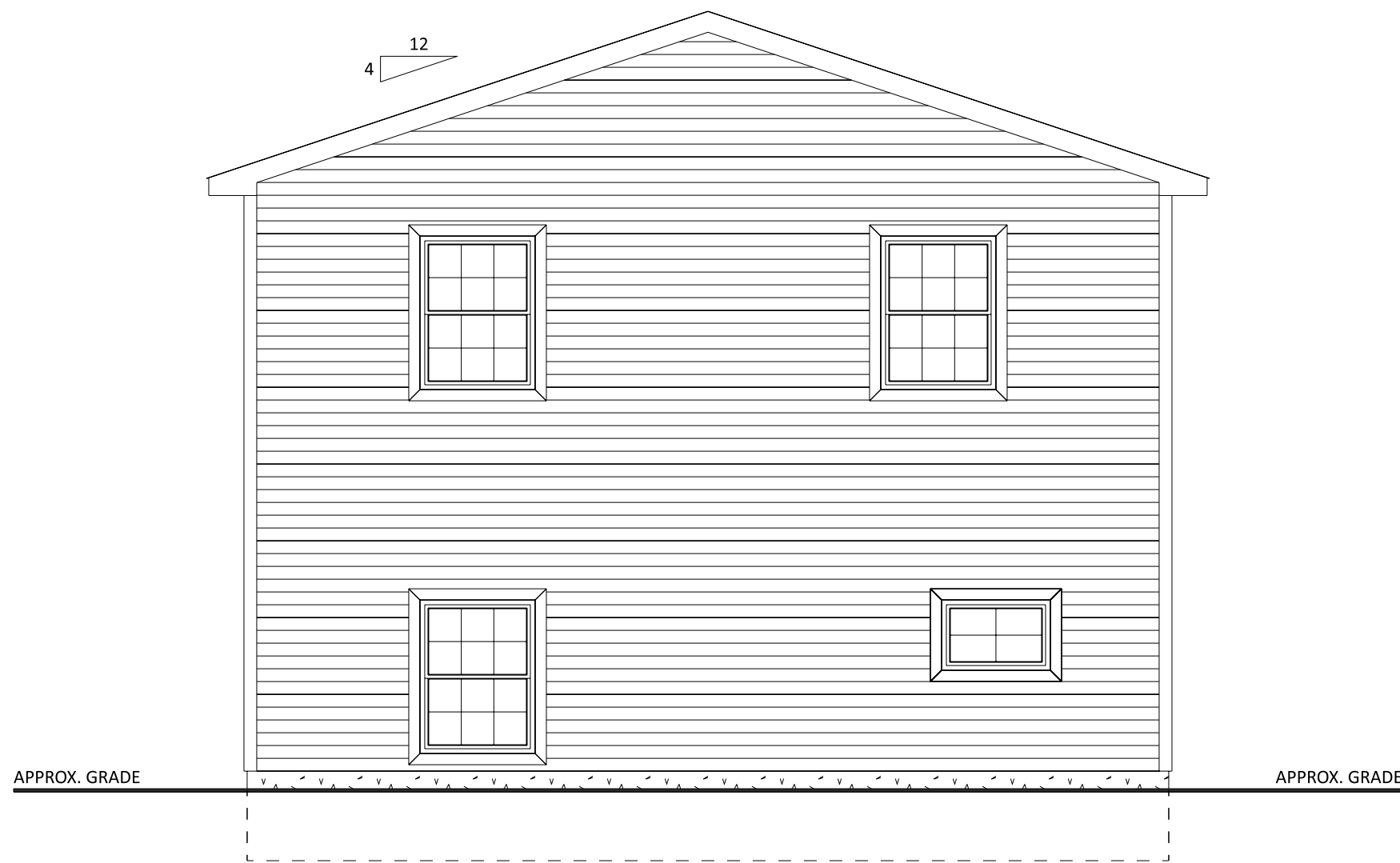


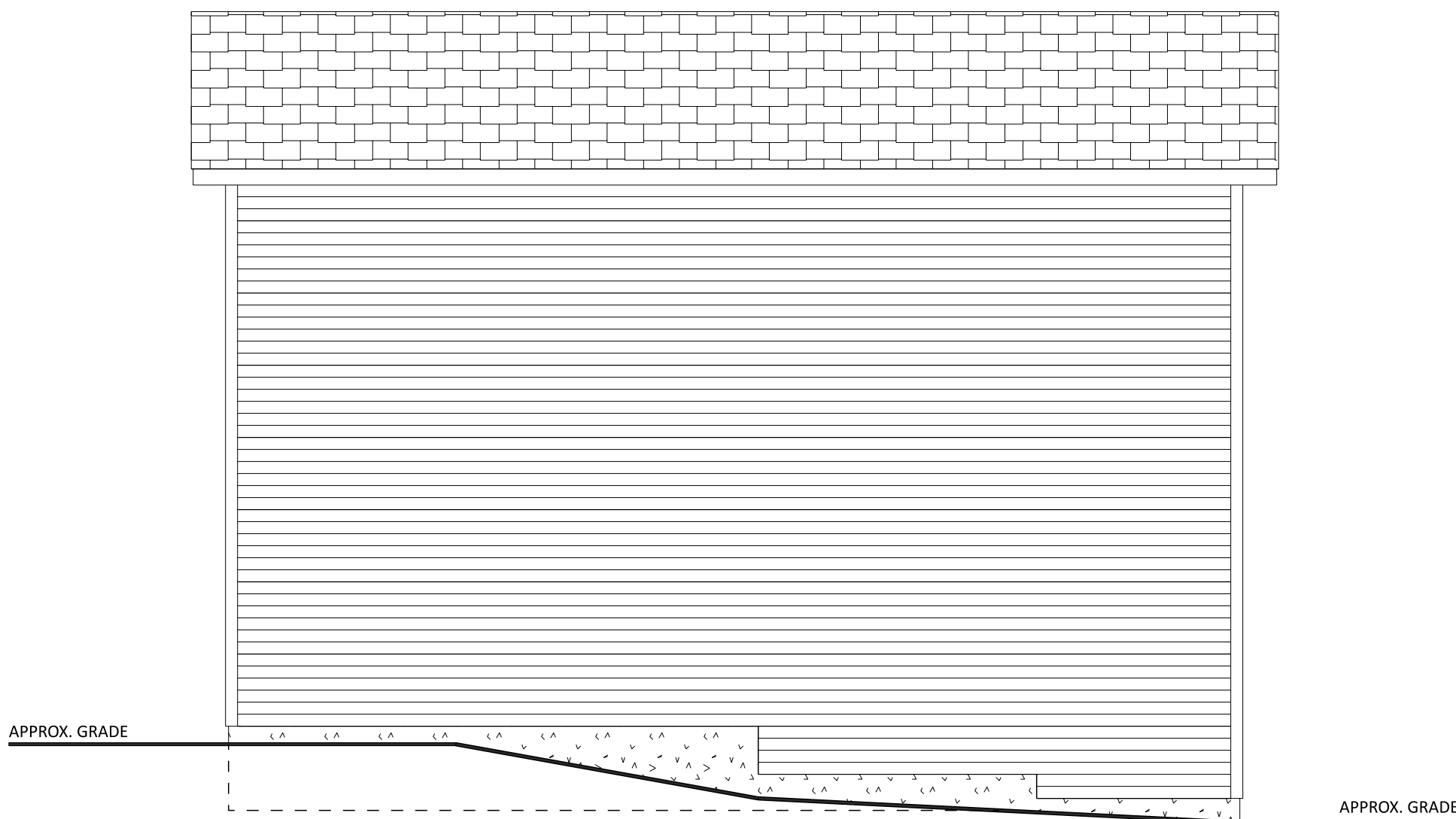
FRONT ELEVATION
SCALE: 1/4" = 1'-0"



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



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



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

FASTENER SCHEDULE FOR STRUCTURAL MEMBERS

DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING OF FASTENERS
ROOF		
CEILING JOISTS TO TOP PLATE	(3) 10d	TOE NAIL
CEILING JOISTS NOT ATTACHED TO PARALLEL RAFTER, LAPS OVER PARTITIONS	(4) 10d	FACE NAIL
COLLAR TIE TO RAFTER, FACE NAIL OR 1X" X 20 GAGE RIDGE STRAP TO RAFTER	(4) 10d	FACE NAIL EACH RAFTER
RAFTER OR ROOF TRUSS TO PLATE	(3) 16d	TOE NAIL
ROOF RAFTERS TO RIDGE, VALLEY OR HIP RAFTERS	(4) 16d	TOE NAIL
WALL		
STUD TO STUD	16d	24" O.C. FACE NAIL
BUILT-UP HEADER, TWO PIECES	16d	18" O.C. EA. EDGE FACE NAIL
CONTINUOUS HEADER TO STUD	(4) 8d	TOE NAIL
DOUBLE STUDS, FACE NAIL	10d	24" O.C.
TOP PLATE TO TOP PLATE	10d	12" O.C. FACE NAIL
DOUBLE TOP PLATES, MINIMUM 48-INCH OFFSET OF END JOINTS, FACE NAIL IN LAPPED AREA	(8) 16d	-----
BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING	16d	12" O.C. FACE NAIL
BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING (AT BRACED WALL PANEL)	(3) 16d	16" O.C. FACE NAIL
TOP OR BOTTOM PLATE TO STUD	(3) 16d	END NAIL
TOP PLATES, LAPS AT CORNERS AND INTERSECTIONS	(3) 10d	FACE NAIL
JOIST TO SILL, TOP PLATE OR GIRDER	(4) 8d	TOE NAIL
RIM JOIST, BAND JOIST, OR BLOCKING TO SILL OR TOP PLATE (ROOF APPLICATIONS ALSO)	10d	6" O.C. TO NAIL
BUILT-UP GIRDERS AND BEAMS, 2-INCH LUMBER LAYERS	10d	24" O.C. FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES
WOOD STRUCTURAL PANELS, SUBFLOOR, ROOF AND INTERIOR WALL SHEATHING TO FRAMING AND PARTICLEBOARD WALL SHEATHING TO FRAMING		
$\frac{5}{16}$ " - $\frac{1}{2}$ "	6d COMMON NAIL (SUBFLOOR, WALL) 8d COMMON NAIL (ROOF)	6 12
$\frac{3}{8}$ " - $1\frac{1}{2}$ "	8d COMMON NAIL	6 12
$\frac{1}{2}$ " GYPSUM SHEATHING	$1\frac{1}{2}$ " GALVANIZED ROOFING NAIL, STAPLE GALVANIZED, $1\frac{1}{2}$ " LONG, 1 $\frac{1}{4}$ " SCREWS, TYPE W OR S	7 7
$\frac{5}{8}$ " GYPSUM SHEATHING	$1\frac{1}{2}$ " GALVANIZED ROOFING NAIL, STAPLE GALVANIZED, $1\frac{1}{2}$ " LONG, 1 $\frac{1}{4}$ " SCREWS, TYPE W OR S	7 7

ALTERNATE ATTACHMENTS

NOM. MATERIAL THICKNESS (INCHES)	DESCRIPTION OF FASTENER AND LENGTH (INCHES)	SPACING OF FASTENERS	
		EDGES (INCHES)	INTERMEDIATE SUPPORTS (INCHES)
WOOD STRUCTURAL PANELS, SUBFLOOR, ROOF AND INTERIOR WALL SHEATHING TO FRAMING AND PARTICLEBOARD WALL SHEATHING TO FRAMING			
UP TO $\frac{1}{2}$ "	STAPLES 15 GA. 1 $\frac{3}{4}$ "	4	8
	NAIL 2 $\frac{1}{4}$ "	3	6
	STAPLES 16 GA. 1 $\frac{3}{4}$ "	3	6
$\frac{23}{32}$ " AND $\frac{3}{4}$ "	STAPLES 14 GA. 2	4	8
	STAPLES 15 GA. 1 $\frac{3}{4}$ "	3	6
	NAIL 2 $\frac{1}{4}$ "	4	8

TABLE R602.3(3) REQUIREMENTS FOR WOOD STRUCTURAL PANEL WALL SHEATHING USED TO RESIST WIND PRESSURES

MINIMUM NAIL SIZE	PENETRATION (INCHES)	MINIMUM WOOD STRUCTURAL PANEL SPAN RATING	MINIMUM NOMINAL PANEL THICKNESS (inches)	MAXIMUM WALL STUD SPACING (inches)	PANEL NAIL SPACING		MAXIMUM WIND SPEED (MPH)		
					EDGES (INCHES O.C.)	FIELD (INCHES O.C.)	WIND EXPOSURE CATEGORY		
							B	C	D
6d COMMON (2.0" X 0.113")	1.5	24/0	3/8	16	6	12	110	90	85
8d COMMON (2.5" X 0.131")	1.75	24/16	7/16	16	6	12	130	110	105
				24	6	12	110	90	85

GENERAL NOTES

- ALL CONSTRUCTION SHALL COMPLY WITH 2015 INTERNATIONAL RESIDENTIAL CODE
- BUILDER MUST VERIFY ALL DIMENSIONS AND ACCURACY BEFORE CONSTRUCTION.
- WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED MEASUREMENTS.
- ALL STRUCTURAL LUMBER SHALL BE SPRUCE-PINE-FIR #2 OR BETTER, UNLESS OTHERWISE NOTED.
- IF APPLICABLE, WHERE GARAGE IS ATTACHED TO DWELLING UNIT, A (1) HOUR FIRE SEPARATION SHALL BE PROVIDED. (1 LAYER 1/2" DRYWALL)
DOORS BETWEEN AREAS TO BE 20 MIN. C-LABEL DOOR WITH FIRE-CODE JAMB.
- ANY WOOD IN CONTACT WITH MASONRY TO BE PRESSURE-TREATED WOOD.
- GRADE MUST SLOPE AWAY FROM STRUCTURE.
- WOOD FRAMING TO BE MIN. 8" FROM GRADE LEVEL, EXCEPT AT DOORWAYS.
- WOOD TRUSSES SHALL BE DESIGNED BY A REGISTERED ENGINEER, BUILDER MUST PROVIDE CUT-SHEETS TO CODE OFFICIAL PRIOR TO INSTALLATION.
- WALL BRACING PROVIDED BY CONTINUOUS SHEATHING METHODS AS PER SECTION 602.10.
- TEMPERED GLAZING REQUIREMENTS:
(1) - IN WINDOWS & DOORS WITHIN (18) INCHES OF WALKING SURFACE
(2) - IN ANY INDIVIDUAL PANEL GREATER THAN (9) SQ. FT.
(3) - IN WINDOWS WITHIN (24) INCHES OF ANY OPENABLE DOOR WHEN DOOR IS IN CLOSED POSITION
- BUILDING AREA = 672 S.F.
- BUILDING VOLUME = 11,424 C.F.

CODE & LOADING INFORMATION

- OCCUPANCY TYPE = RESIDENTIAL STORAGE
- CONSTRUCTION TYPE = 5 B
- 1ST FLOOR SLAB ON GRADE
- ATTIC FLOOR LIVE = 30 PSF
- SNOW LIVE = 30 PSF
- DEAD LOADS = 10 PSF
- BASIC WIND SPEED = 115 MPH
- EXPOSURE CLASS C
- FROST LINE DEPTH = 30"
- SEISMIC DESIGN CATEGORY = B
- ASSUMED SOIL CLASS = GM, GC
- SOIL BEARING CAPACITY = 2000 PSF
(IF SOIL DIFFERS FROM ASSUMED ABOVE REFER TO IRC CODES)

CONTACT INFORMATION

OWNER:
Maria Cerdenia
6122 Sligo Mill Rd. N.E.
Washington DC 20011
Phone: 202-560-4831



DRAFTING
CONCEPTS

Designing - Drafting - 3D Color Renderings

5219 Old Strasburg Rd.
Kinzers, PA 17535
P. 717-442-5053 F. 717-370-5925

ANY CHANGES FROM THESE DRAWINGS MUST BE BROUGHT TO THE ATTENTION OF DRAFTING CONCEPTS AND APPROVED BEFORE CONSTRUCTION. ALL DIMENSIONS AND SITE CONDITIONS SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION. THESE DRAWINGS SHALL NOT BE USED FOR ANY OTHER PROJECTS.

JAMES A. KOPPENHAVER

555 VAN REED RD
WYOMISSING, PA 19610

PHONE: 484-794-9949

DATE	ITEM	BY
9/25/24	FINAL	E.S.

CONTRACTOR:

Amish Built, Inc
1390 Columbia Ave
Lancaster, PA 17603
717-431-8611

CLIENT NAME & ADDRESS:

Maria Cerdenia
6122 Sligo Mill Rd. N.E.
Washington DC 20011

PROJECT SITE:

6122 Sligo Mill Rd. N.E.
Washington DC 20011

PROJECT TITLE:

NEW GARAGE

SHEET TITLE:

Cover sheet

DATE RECEIVED:

9/10/24

SCALE:

AS NOTED

DRAWING NO:

D741-24

1

Board of Zoning Adjustment
District of Columbia
CASE NO-21375
9/14/2024 09:41

