

**SCOPE OF WORK**

ADD 487 sqft ADDITION TO BASEMENT FOR STORAGE.  
ADD 2,776 sqft DETACHED GARAGE WITH A 116 sqft OPEN BREEZEWAY.

EX. FIRST GROSS SQFT: 3,596 SQFT  
EX. BASEMENT GROSS SQFT: 3,793 SQFT  
STORAGE ADD. GROSS SQFT: 487 SQFT  
DETACHED GARAGE GROSS SQFT: 2,746 SQFT  
OPEN BREEZEWAY GROSS SQFT: 116

**RESIDENTIAL NOTES & SPECIFICATIONS**

- GENERAL CONSTRUCTION NOTES**
- THESE STRUCTURAL NOTES AND SPECIFICATIONS SHALL BE CONSIDERED PART OF THE FINAL DESIGN PACKAGE (INCLUDING CONSTRUCTION DRAWINGS) FOR THE PROJECT SPECIFICALLY DESCRIBED ABOVE. NEITHER THE STRUCTURAL NOTES NOR THE DRAWINGS ALONE ARE SUFFICIENT IN DESCRIBING A COMPLETE DESIGN.
  - DO NOT SCALE DRAWINGS. WRITTEN DIMENSION ON DRAWINGS SHALL GOVERN. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS AND SHALL NOTIFY THIS OFFICE OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN ON THESE DRAWINGS. SHOP DRAWINGS MUST BE SUBMITTED TO THE OWNER/ARCHITECT BEFORE PROCEEDING WITH FABRICATION OF ASSEMBLIES, STEEL, STAIRS, ROOF AND/OR FLOOR TRUSSES.
  - WHERE THERE IS CONFLICT BETWEEN DRAWINGS, SPECIFICATIONS OR DETAILS, THE CONTRACTOR SHALL CONTACT THE ARCHITECT FOR CLARIFICATION.
  - PROVIDE TRANSITION STRIPS AT ALL CHANGES IN FLOOR FINISHES.
  - ALL CLOSETS ARE TO HAVE THE SAME FINISH AS THE ADJOINING ROOM UNLESS OTHERWISE NOTED.
  - PROVIDE PLUMBING FIXTURE ACCESS PANEL AT EACH TUB AND SHOWER ENCLOSURE AS REQUIRED BY LOCAL JURISDICTION.
  - PROVIDE HANDRAILS 34"-38" ABOVE NOSINGS ON ALL STAIRS. PROVIDE GUARDRAILS AT RAISED FLOORS, BALCONIES, ETC. 30" OR MORE ABOVE GRADE OR FLOOR BELOW. GUARDS SHALL BE MINIMUM 42" HIGH AND HAVE CLOSURES SPACED TO PREVENT PASSAGE OF A 4" SPHERE.
  - PROVIDE NOMINAL 2X FIRE BLOCKING AT EVERY FLOOR INTERVAL, BULKHEAD AND CHASE. IF OPEN WEB FLOOR TRUSSES ARE UTILIZED, PROVIDE 1/2" GB DRAFTSTOPPING, NOT TO EXCEED 1,000 SF.
  - PROVIDE A MINIMUM 6" HEAD CLEARANCE FOR ALL STAIRS. STAIR RISERS SHALL NOT EXCEED 7-1/2" AND TREADS SHALL BE AT LEAST 10-1/2".
  - PROVIDE SOFFIT VENTS, RIDGE VENTS, OR GABLE END VENTS AS SHOWN ON THE DRAWINGS. MAINTAIN MINIMUM 1/300 FREE VENTILATION FOR HORIZONTALLY PROJECTED ROOF AREA. INSTALL PLASTIC OR CARDBOARD Baffles IN EACH TRUSS/RAFTER BAY TO MAINTAIN FREE AIR FLOW.
  - MECHANICAL, PLUMBING AND ELECTRICAL CONTRACTORS SHALL BE REQUIRED TO SEAL ALL PENETRATIONS IN FLOORS AND EXTERIOR WALLS CAUSED BY THEIR TRADES.
  - ROUGH CARPENTRY CONTRACTORS SHALL SEAL ALL PANEL BUTT JOINTS AND PLATES AT FLOORS, CEILINGS, WINDOWS, DOOR FLANGES AND JAMBS.
  - SHEATHING PENETRATION SHALL BE PATCHED AND REPAIRED TO MANUFACTURER'S SPECIFICATIONS.
  - SLURP ALL EXTERIOR PLATFORMS, PORCHES, WALKS AND GARAGE SLABS 1/8" IN 12" TO DRAIN, OR AS NOTED ON PLANS.
  - PROVIDE TERMITTE PROTECTION INCLUDING SOIL TREATMENT BY LICENSED EXTERMINATOR.

- SPECIFICATIONS - GENERAL CONDITIONS**
- ALL WORK SHALL CONFORM TO ALL LOCAL AND NATIONAL ORDINANCES & BUILDING CODES APPLICABLE TO THIS PROJECT, INCLUDING BUT NOT LIMITED TO INTERNATIONAL RESIDENTIAL CODE - 2018.
  - DIMENSIONS GIVEN ON SCHEDULES ARE NOMINAL. CONTRACTOR AND MANUFACTURERS ARE TO COORDINATE ALL DIMENSIONS CONCERNING DOORS, PANELS, WINDOWS, EQUIPMENT, ETC. AND THEIR OPENINGS PRIOR TO FABRICATION AND CONSTRUCTION.
  - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, GRADES, BOUNDARIES, EASEMENTS AND CONSTRUCTION BEFORE PROCEEDING WITH THE WORK AND REPORT IMMEDIATELY ANY DISCREPANCIES TO THE ARCHITECT AND/OR OWNER.
  - DESIGN STANDARDS  
USE GROUP: RESIDENTIAL  
CONST. TYPE: ONE STORY CONCRETE CONSTRUCTION W/ BRICK VENEER.
  - DESIGN LOADS (IRC TABLE 201.5) WIND LOAD: 15 PSF  
ROOF LIVE LOAD: 40 PSF WIND SPEED: 115 MPH  
GROUND SNOW LOAD: 40 PSF IMPORT FACTOR: 1.0  
FLOOR LIVE LOAD (F.F.): 40 PSF EXP. FACTOR: 1.0  
FLOOR LIVE LOAD (S.F.): 30 PSF SEISMIC DESIGN CAT.: B  
ATTIC LIVE LOAD (ATTIC): 20 PSF WEATHERING: SEVERE  
GARAGE LIVE LOAD: 50 PSF ZONE: 4A
  - GUARD RAILS: 200 LBS. FORCE IN ANY DIRECTION  
SOIL BEARING: ASSUMED 2,000 PSF FROST LINE DEPTH - 30"  
BERMITE: VERY HEAVY DECA: VERY HEAVY  
RADON RESISTANT CONSTRUCTION REQD: YES

- CONCRETE**
- CONCRETE FOR THIS PROJECT SHALL BE NORMAL WEIGHT (145 PCF) AND CONCRETE WORK SHALL CONFORM TO AMERICAN CONCRETE INSTITUTE (ACI) STANDARD 318-99.
  - CONCRETE SHALL HAVE MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI.
  - ALL REINFORCING BAR SHALL BE GRADE 60 (FY=60,000 PSI).
  - ALL INTERIOR CONCRETE SLABS SHALL BE 4" THICK AND HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI WITH 0.6% - W/ 4" (W) A W/ 4" AND BE REINFORCED OVER A 50X (6) MIL POLY VAPOR BARRIER OVER 4" POROUS GRANULAR FILL.
  - ALL INTERIOR CONCRETE SLABS 30'-0" OR GREATER IN ANY DIMENSION SHALL HAVE CONTROL JOINTS.
  - ALL EXTERIOR CONCRETE SLABS SHALL BE AIR ENTRAINED (AIR CONTENT BETWEEN 5% AND 7%) INCLUDING THE GARAGE SLAB. AND HAVE 4" GRANULAR FILL MIN BELOW CONCRETE SLAB.
  - WHERE PORCH (NOT MONOLITHICALLY Poured), PATIO OR OTHER CONCRETE FLAT WORK ADJUTS AN EXISTING CONCRETE SLAB PROVIDE A 1/2" ASPHALT IMPREGNATED FIBER BOARD EXPANSION JOINT.
  - ALL REINFORCING SHALL CONFORM TO "SPECIFICATIONS FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT" (ASTM 1 615-60). WELDED WIRE FABRIC SHALL CONFORM TO LATEST ASTM A-185.
  - REINFORCEMENT FOR THE ANCHORAGE OF CONNECTING WORK, IF NOT CONTINUOUS, AND REINFORCEMENT FOR TEMPERATURE AND ALL OTHER PURPOSES NOT SPECIFICALLY PROVIDED, SHALL LAP 30 BAR DIAMETERS OR 18" MINIMUM AT ALL SPICES, OR SHALL HAVE DOWELS OF THE SAME BAR SIZE AND SPACING AS THAT OF REINFORCING TO BE SPICED OR WORK TO BE CONNECTED.
  - MINIMUM CONCRETE PROTECTION FOR REINFORCEMENT:  
CONCRETE DEPOSITED AGAINST GROUND 3"  
FORMED CONCRETE IN CONTACT WITH GROUND 2"  
FORMED CONCRETE NOT IN CONTACT WITH GROUND 1 1/2"

- PREPARATION FOR SLAB**
- REMOVE ALL VEGETATION AND TOP SOIL CONTAINING ORGANIC MATERIALS FROM THE ENTIRE AREA TO BE COVERED BY THE BUILDING.
  - IF FILL IS REQUIRED TO RAISE SLAB, SCARPEN THE SUB GRADE TO A DEPTH OF 4" AND RECOMPACT TO A MINIMUM DENSITY OF 92% AND A MAXIMUM OF 98% OF STANDARD PROCTOR DENSITY (ASTM-D-698) WITH A MOISTURE CONTENT AT OR SLIGHTLY ABOVE OPTIMUM.
  - INSTALL FILL IN LOOSE LIFTS OF 8" THICK AND UNIFORMLY COMPACT AS IN THE NOTE ABOVE.
  - FILL MATERIALS SHALL BE VERY SANDY TO CLAYEY SAND WITH A PLASTICITY INDEX (PI) IF BETWEEN 2 AND 15.

- FOUNDATION PERIMETER INSULATION**
- INSTALL EXPANDED RIGID CLOSED CELL POLYSTYRENE FOAM BORDER FID SPEC HH-1542B. DENSITY 2.1 LBS PER CU. FT. "R" VALUE PER 1" THICKNESS - 5.41

**STAIR:**  
DIMENSION:  
MAX R: 7 1/2"  
MIN T: 10"

**SHEET INDEX**

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**STRUCTURAL STEEL NOTES**

- MATERIALS  
STRUCTURAL STEEL AND PLATE ASTM A36  
UNFINISHED BOLTS ASTM A307  
HIGH-STRENGTH BOLTS ASTM A325  
WELDING ELECTRODES ASTM 1233, CLASS E70
- BEAM TO BEAM AND COLUMN CONNECTIONS SHALL BE AISC STANDARD (FULL DEPTH) WHERE REACTIONS EXCEED MINIMUM CONDITIONS, THE APPROPRIATE CONNECTIONS SHALL BE DETERMINED BY FABRICATOR (CONTRACTOR).
- ALL MAJOR CONNECTIONS SHALL BE HIGH STRENGTH FRICTION BOLTS OR WELDS OF EQUAL STRENGTH. ANCHOR BOLTS SHALL BE UNFINISHED BOLTS.
- STEEL WORK SHALL BE FABRICATED AND ERRECTED IN ACCORDANCE WITH LATEST AISC SPECIFICATIONS.
- SUBMIT SHOP DRAWINGS FOR ALL STEEL WORK.
- STEEL LINTELS - FOR ALL OPENINGS AND RECESSES IN STONE OR BRICK FACED WALLS NOT SPECIFICALLY DETAILED, PROVIDE ONE STEEL ANGLE FOR EACH 4 INCHES OF WALL THICKNESS. STEEL ANGLES TO HAVE MINIMUM BEARING OF 4" AT EACH END. HORIZONTAL LEG SHALL BE 3 1/2" UNLESS OTHERWISE SHOWN.
- LINTEL SCHEDULE (UNLESS NOTED OTHERWISE ON PLANS) NOTE: ALL LINTELS ARE TO RECEIVE SHOP APPLIED CORROSION PROTECTION.
- STEEL BEAM POCKETS, SIZE AS INDICATED ON PLANS. BEAMS SHALL HAVE A MINIMUM BEARING OF 4" IN LENGTH MEASURED PARALLEL TO THE BEAM UPON SOLID MASONRY NOT LESS THAN 4" IN THICKNESS OR UPON A METAL BEARING PLATE OF ADEQUATE DIMENSIONS TO DISTRIBUTE THE LOAD SAFELY. AREA AROUND BEAM TO RECEIVE PARGE FINISH.
- 2x BEAM PLATE IS ANCHORED TO STEEL BEAM WITH 3/8" DIAMETER STEEL BOLTS OR EQUIVALENT POWER ACTIVATED FASTENERS AT 48" O.C. FASTENERS TO BE LOCATED A NEAR TO CENTER OF BEAM AS POSSIBLE.
- STEEL BEAMS SHALL HAVE A MINIMUM BEARING OF 4 INCHES IN CONCRETE POCKETS AND A MINIMUM BEARING OF 3 INCHES ON STEEL COLUMNS. STEEL BEAMS SHALL BE CENTERED OVER COLUMNS BELOW.

**MASONRY**

- MASONRY VENEER SHALL BE ATTACHED TO THE SUPPORTING WALL WITH CORROSION RESISTANT METAL TIES. EACH TIE SHALL BE 3" ON CENTER HORIZONTALLY AND SHALL SUPPORT NOT MORE THAN 1/2 SQUARE FEET OF WALL AREA. ALL EXTERIOR METAL TIES SHALL BE PROVIDED AROUND ALL WALL OPENINGS GREATER THAN 16". THESE TIES SHALL BE SPACED NOT MORE THAN 3" ON CENTER AND PLACED WITHIN 12" OF THE WALL OPENING.
- CONCRETE MASONRY UNITS SHALL MEET ASTM C-90 GRADE A, 28 DAYS OLD BEFORE INSTALLATION. MINIMUM NET COMPRESSIVE STRENGTH OF BLOCK TO BE 2000 PSI.
- CARE AND PROPER MEASURES SHALL BE EMPLOYED TO PREVENT ANY SUPER IMPOSED LOADS (IE WIND LOADS, SHOVING OR OTHER LATERAL FORCES) FROM BULGING OR DISTORTING FINISHED MASONRY WALLS BY WAY OF SHORING, BRACING OR OTHER MEANS AS SITE REQUIRES.
- USE TYPE "M" MORTAR FOR MASONRY BELOW GRADE IN CONTACT WITH EARTH.
- USE TYPE "N" MORTAR FOR EXTERIOR, ABOVE GRADE LOAD BEARING OR NON-LOAD BEARING MASONRY WALLS AND FOR OTHER AREAS IF NOT OTHERWISE NOTED. EXCEPTION - MASONRY CONSTRUCTION REQUIRING HEAT RESISTANT MORTAR SHALL HAVE A REFRACTORY AIR SETTING MORTAR.
- BRICK VENEER TO BE INSTALLED WITHIN 3/16" DIA/ VEEP HOLES SPACED AT A MAXIMUM OF 24" O.C. HORIZONTALLY.

**HEADERS**

- ALL HEADERS ARE TO BE DOUBLE 2X12 UNLESS SPECIFICALLY NOTED OTHERWISE.

**WOOD FRAMING**

- UNLESS OTHERWISE NOTED, ALL INTERIOR PARTITIONS TO BE CONSTRUCTED WITH 2X4 STUDS, 16" O.C., WITH DOUBLE TOP PLATE. MINIMUM 2X12 HEADER/LINTELS AT ALL OPENINGS IN BEARING OR EXTERIOR WALLS. SHEATHING TO BE 5/8" CDX PLYWOOD OR OSB.
- ALL FRAMING LUMBER SHALL BE SPF No. 1/No.2 AND HAVE A MINIMUM ALLOWABLE EXTREME FIBER BENDING STRESS OF 975 PSI AND A MINIMUM MODULUS OF ELASTICITY OF 1,400,000 PSI.
- ALL FLOOR DECKS ARE TO BE GLUED TO SUPPORTING BEAMS AND JOIST WITH PL-400 ADHESIVE AS MANUFACTURED BY "CONTECH" OR APPROVED EQUAL.
- ALL WOOD BEAMS MADE OF TWO OR MORE MEMBERS SHALL BE GLUED WITH PL-400 ADHESIVE AND NAILED TOGETHER @ 12"
- ALL WOOD POSTS MADE UP OF MULTIPLE PIECES SHALL BE GLUED WITH PL-400 ADHESIVE AND NAILED @ 12" O.C. BOTH SIDES.
- DIRECTLY UNDER PARTITIONS WHICH RUN TO JOISTS (AND ARE OTHERWISE UNSUPPORTED) INSTALL DOUBLE JOISTS.
- ALL RAFTERS AND JOISTS SHALL HAVE WOOD OR METAL CROSSBRIDGING AT 8' O.C. OR AT CENTER OF SPAN WHICHEVER IS LESS.
- CONTINUOUS LOAD PATH - STEEL HARDWARE CONNECTORS TO GUARD AGAINST UPLIFT FORCES SHALL BE INSTALLED FROM THE FOUNDATIONS TO THE ROOF RAFTERS AT ALL STUDS. THESE SHALL INCLUDE BUT ARE NOT LIMITED TO FOUNDATION CONNECTORS, FLOOR TO FLOOR CONNECTORS, AND ROOF RAFTER HURRICANE CONNECTORS/ANCHORS.
- MINIMUM BEARING FOR WOOD JOIST, RAFTERS AND BEAMS SHALL BE 3 1/2" ON WOOD AND 4" ON MASONRY.
- INSTALL WOOD JOIST HANGER & WOOD BEAM HANGER CONNECTIONS AS FOLLOWS:  
JOIST HANGER MIN. CAPACITY - 800#  
BEAM HANGER MIN. CAPACITY - 3500#
- INSTALL MINIMUM DOUBLE STUDS AT JAMBS OF ALL OPENINGS IN WALLS OR AS SHOWN ON PLAN.
- ALL MANUFACTURED TRUSSES ARE TO BE IN ACCORDANCE WITH ASCE 7-95.
- FOUNDATION ANCHORAGE SILL PLATES AND WALLS SUPPORTED DIRECTLY ON CONT. FOUNDATIONS SHALL BE ANCHORED ACCORDING TO IRC R403.1.6.
- ALL SILL PLATES AND LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED SOUTHERN YELLOW PINE.

**FINISHES**

- ALL FINISHES SHALL BE CLASS C OR BETTER WITH A FLAME SPREAD OF 76-200 OR BETTER AND A SMOKE DEVELOPED INDEX OF 0-450.

**AIR LEAKAGE**

- BUILDING THERMAL ENVELOPE. THE BUILDING THERMAL ENVELOPE SHALL BE DURABLY SEALED TO LIMIT INFILTRATION. THE SEALING METHODS BETWEEN DISSIMILAR MATERIALS SHALL ALLOW FOR DIFFERENTIAL EXPANSION AND CONTRACTION. THE FOLLOWING SHALL BE CAULKED, GASKETED, WEATHER STRIPPED OR OTHERWISE SEALED WITH AN AIR BARRIER MATERIAL SUITABLE FILM OR SOLID MATERIAL:
- ALL JOINTS, SEAMS AND PENETRATIONS.
  - SITE-BUILT WINDOWS, DOORS AND SKYLIGHTS.
  - OPENINGS BETWEEN WINDOW AND DOOR ASSEMBLIES AND THEIR RESPECTIVE JAMBS AND FRAMING.
  - UTILITY PENETRATIONS.
  - DROPPED CEILINGS OR CHASES ADJACENT TO THE THERMAL ENVELOPE.
  - KNEE WALLS.
  - WALLS AND CEILINGS SEPARATING A GARAGE FROM CONDITIONED SPACES.
  - BEHIND TUBS AND SHOWERS ON EXTERIOR WALLS.
  - COMMON WALLS BETWEEN DWELLING UNITS.
  - ATTIC ACCESS OPENINGS.
  - RIM JOIST JUNCTION.
  - OTHER SOURCES OF INFILTRATION.

HEADER SCHEDULE (U.N.O.)	
OPENING SIZE	HEADER SIZE
OPENINGS UP TO 3'	(2) 2x10
OPENINGS GREATER THAN 3' UP TO 6'	(2) 1.75 x 9.50 1.9E MICROLAM
OPENINGS GREATER THAN 6' UP TO 8'	(2) 1.75 x 11.875 1.9E MICROLAM

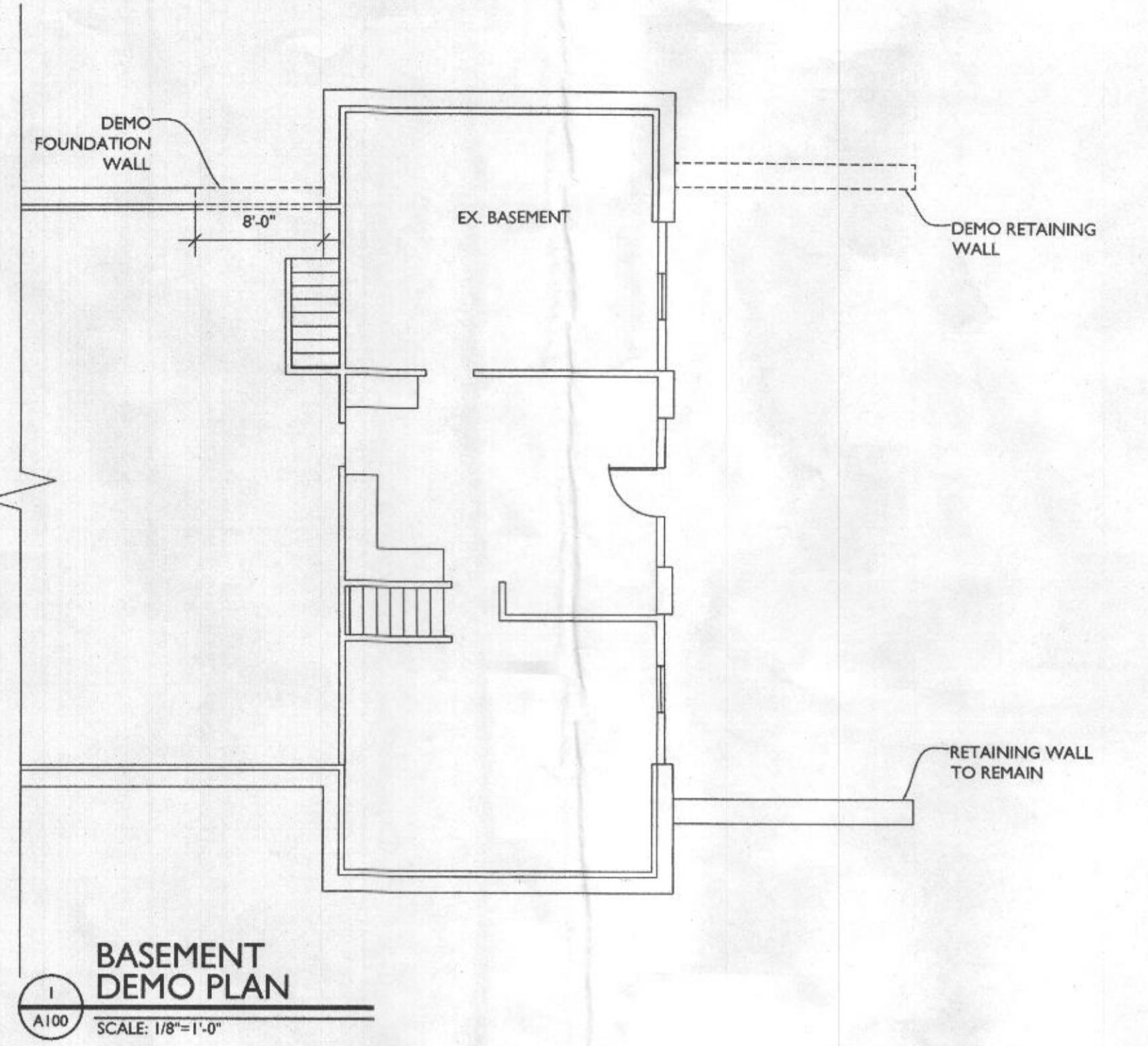
REINFORCED CONCRETE AND MASONRY FOUNDATION WALLS				
MAX. WALL HT. (FT.)	MAX. UNBALANCED BACKFILL HT.	MIN. VERT. REINFORCEMENT SIZE & SPACING FOR 10" NOMINAL WALL THICKNESS		
		GW, GC, SW & SP SOILS	GM, GC, SM, SM-SC & ML SOILS	SC, MH, ML-CL & INORG. CL SOILS
9	5	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 48" O.C.
	6	#4 @ 56" O.C.	#4 @ 40" O.C.	#4 @ 32" O.C.
	7	#4 @ 56" O.C.	#5 @ 48" O.C.	#6 @ 48" O.C.
	8	#4 @ 32" O.C.	#6 @ 48" O.C.	#4 @ 16" O.C.
9	9	#5 @ 40" O.C.	#6 @ 40" O.C.	#7 @ 40" O.C.
	5	#4 @ 48" O.C.	#4 @ 48" O.C.	#5 @ 48" O.C.
	6	#4 @ 48" O.C.	#5 @ 48" O.C.	#6 @ 48" O.C.
9	7	#5 @ 48" O.C.	#6 @ 48" O.C.	#6 @ 32" O.C.
	8	#5 @ 40" O.C.	#6 @ 32" O.C.	#6 @ 24" O.C.
	9	#6 @ 40" O.C.	#6 @ 24" O.C.	#6 @ 16" O.C.
	5	#4 @ 72" O.C.	#5 @ 72" O.C.	#6 @ 72" O.C.
10	6	#5 @ 72" O.C.	#6 @ 72" O.C.	#6 @ 64" O.C.
	7	#5 @ 72" O.C.	#7 @ 72" O.C.	#6 @ 48" O.C.
	8	#6 @ 72" O.C.	#6 @ 48" O.C.	#6 @ 40" O.C.
	9	#6 @ 72" O.C.	#6 @ 40" O.C.	#6 @ 32" O.C.
	10	#6 @ 64" O.C.	#6 @ 40" O.C.	#6 @ 32" O.C.

STEEL LINTEL SCHEDULE (U.N.O.)			
STEEL ANGLE SIZE	# STORIES ABOVE	# OF 1/2" REBARS	
	NONE	ONE	TWO
3 x 3 x 1/4	6'-0"	3'-6"	3'-0"
4 x 3 x 1/4	8'-0"	5'-0"	3'-0"
6 x 3-1/2 x 1/4	14'-0"	8'-0"	3'-6"
2 - 6 x 3-1/2 x 1/4	20'-0"	11'-0"	11'-0"

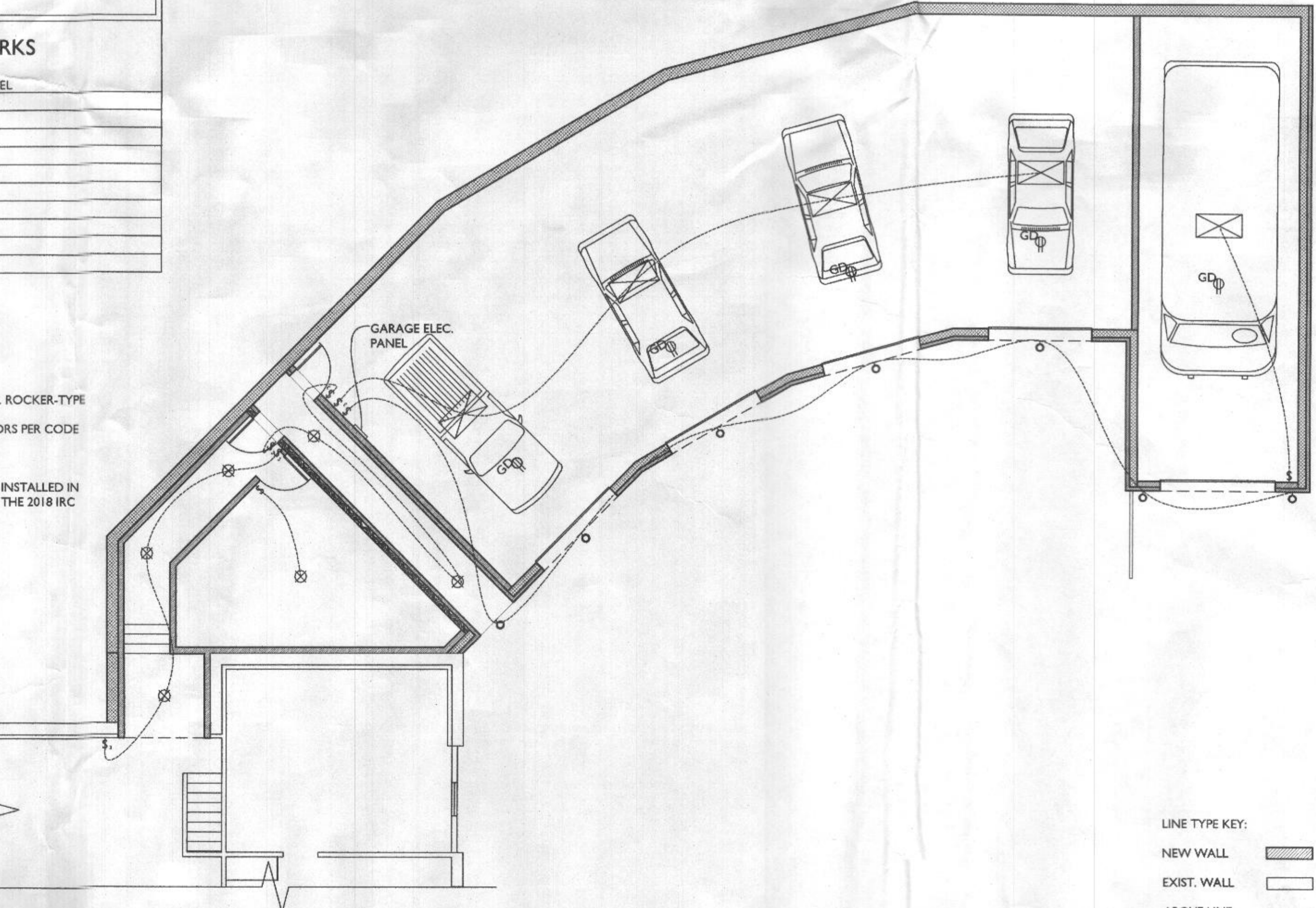
DOOR SCHEDULE				
NO.	DOOR SIZE	INT/EXT	SADDLE LABEL	REMARKS
01	9/0x7/0	EXT	NO	GARAGE DOOR
02	9/0x7/0	EXT	NO	GARAGE DOOR
03	9/0x7/0	EXT	NO	GARAGE DOOR
04	9/0x7/0	EXT	NO	GARAGE DOOR
05	10/0x14/0	EXT	NO	GARAGE DOOR
06	3/0x6/8	EXT	YES 1 HR	SINGLE DOOR
07	3/0x6/8	EXT	YES	SINGLE DOOR
08	3/0x6/8	INT	NO	SINGLE DOOR

ELECTRICAL LEGEND	
⊞	SWITCH
⊞	OUTLET
⊞	GFI OUTLET
⊞	LED WALL MOUNT FIXTURE
⊞	LED CLG. FIXTURE
⊞	2-HEAD FLOOD
⊞	2X4 FLUORESCENT LIGHT

- ELECTRICAL NOTES:**
- MOUNT LIGHT SWITCHES @ 42" H. MAX. ROCKER-TYPE
  - PROVIDE HARD-WIRED SMOKE DETECTORS PER CODE
  - ALL FIXTURES ON DIMMERS
  - CARBON MONOXIDE ALARMS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION R315 OF THE 2018 IRC



**BASEMENT DEMO PLAN**  
SCALE: 1/8"=1'-0"



**GARAGE ELECTRICAL LAYOUT**  
SCALE: 1/8"=1'-0"

**LINE TYPE KEY:**

▬	NEW WALL
▬	EXIST. WALL
▬	ABOVE LINE
▬	FDN. WALL
▬	DEMO WALL
▬	BEARING WALL



7612 Browns Bridge Road  
Highland, MD 20777  
301-776-2666  
301-776-2886 fax  
info@TransformingArchitecture.com  
www.TransformingArchitecture.com



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**PROJECT PHASE**  
**PERMIT**

**PROJECT TITLE**  
**THE ATWILL RESIDENCE**  
16160 Ed Warfield Rd  
Woodbine, MD 21797

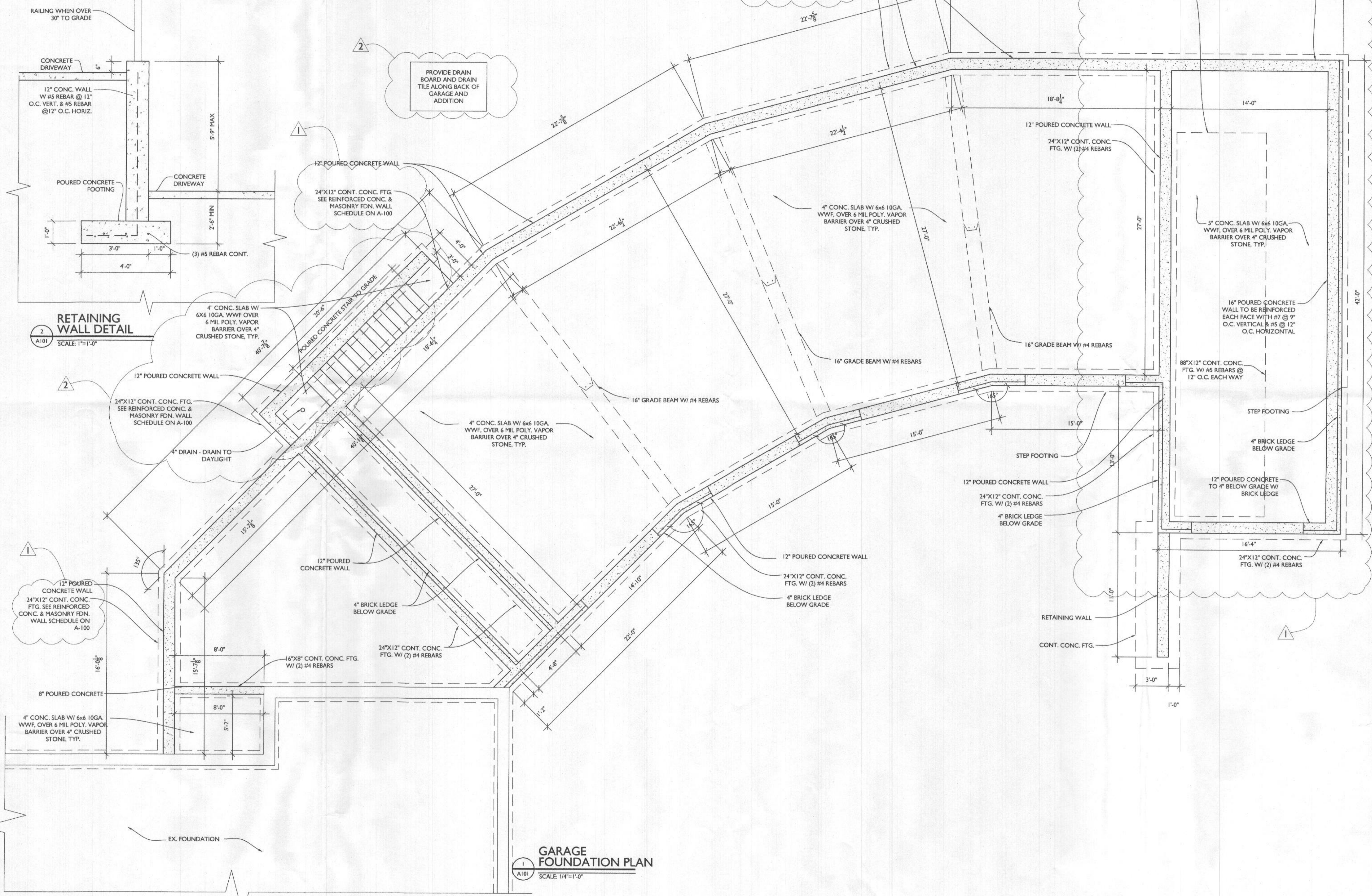
**REVISIONS**

SYMBOL	DATE	ISSUED FOR

**RECEIVED**  
NOV 01 2021  
LICENSES & PERMITS DIVISION

**PROJECT NUMBER** 21-582  
**DATE** 10/28/2021  
**SCALE** AS NOTED  
**DRAWING TITLE**  
**PROJECT NOTES, SCHED., DEMO + GARAGE ELEC.**  
**SHEET NUMBER**  
**A-100**

- LINE TYPE KEY:
- NEW WALL
  - EXIST. WALL
  - ABOVE LINE
  - FDN. WALL
  - DEMO WALL
  - BEARING WALL



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PROJECT PHASE  
**PERMIT**

PROJECT TITLE  
**THE ATWILL RESIDENCE**  
 16160 Ed Warfield Rd  
 Woodbine, MD 21797

REVISIONS

SYMBOL	DATE	ISSUED FOR
1	12/06/21	BUILDING REVIEW
2	2/07/22	REVISION

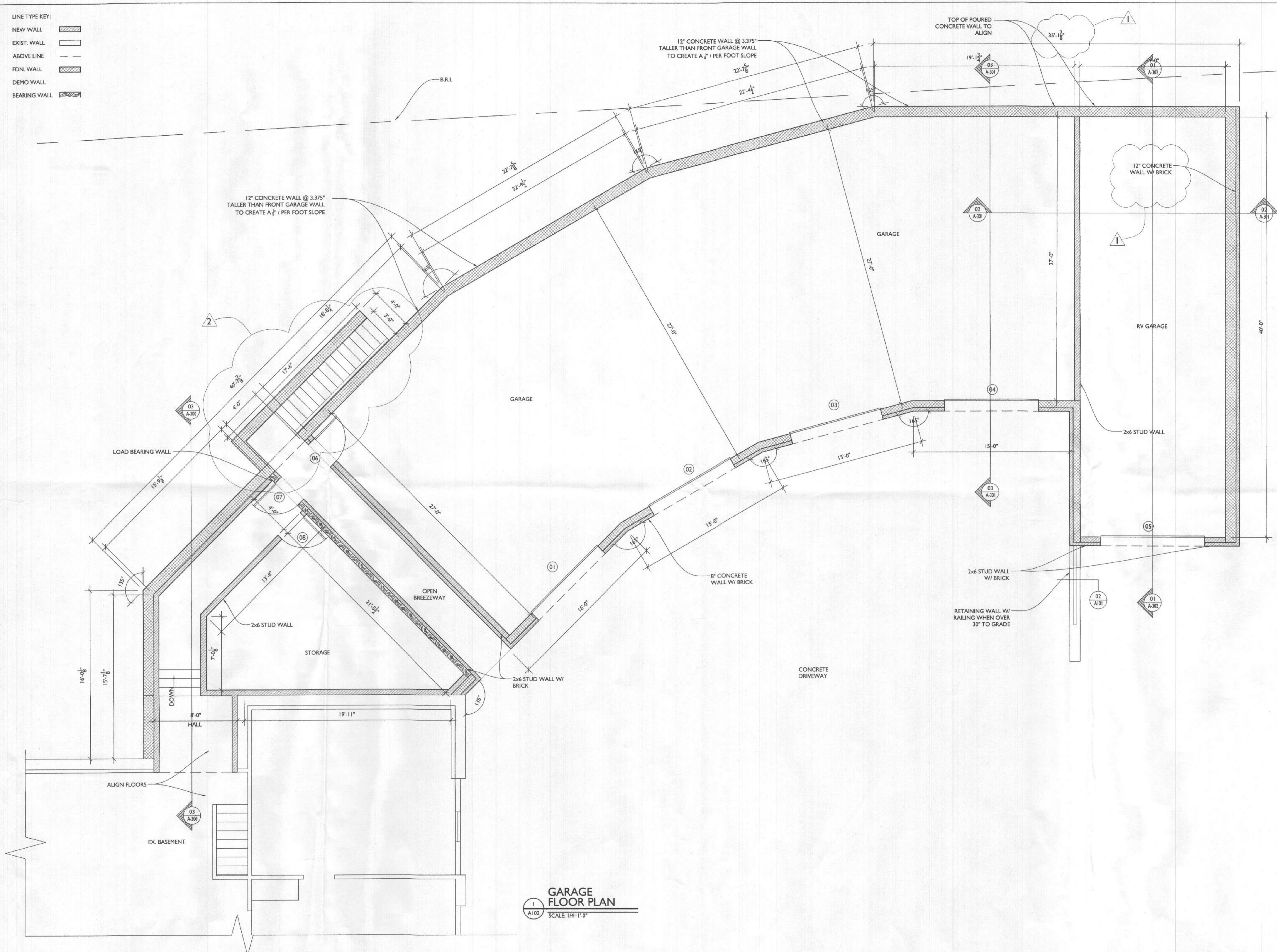
PROJECT NUMBER 21-582  
 DATE 10/28/2021  
 SCALE AS NOTED

DRAWING TITLE  
**FOUND. PLAN + RETAINING WALL DETAIL**

SHEET NUMBER  
**A-101**

**GARAGE FOUNDATION PLAN**  
 SCALE 1/4"=1'-0"

- LINE TYPE KEY:
- NEW WALL
  - EXIST. WALL
  - ABOVE LINE
  - FDN. WALL
  - DEMO WALL
  - BEARING WALL



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REVISIONS

SYMBOL	DATE	ISSUED FOR
1	12/06/21	BUILDING REVIEW
2	2/07/22	REVISION

PROJECT NUMBER 21-582  
 DATE 10/28/2021  
 SCALE AS NOTED

DRAWING TITLE

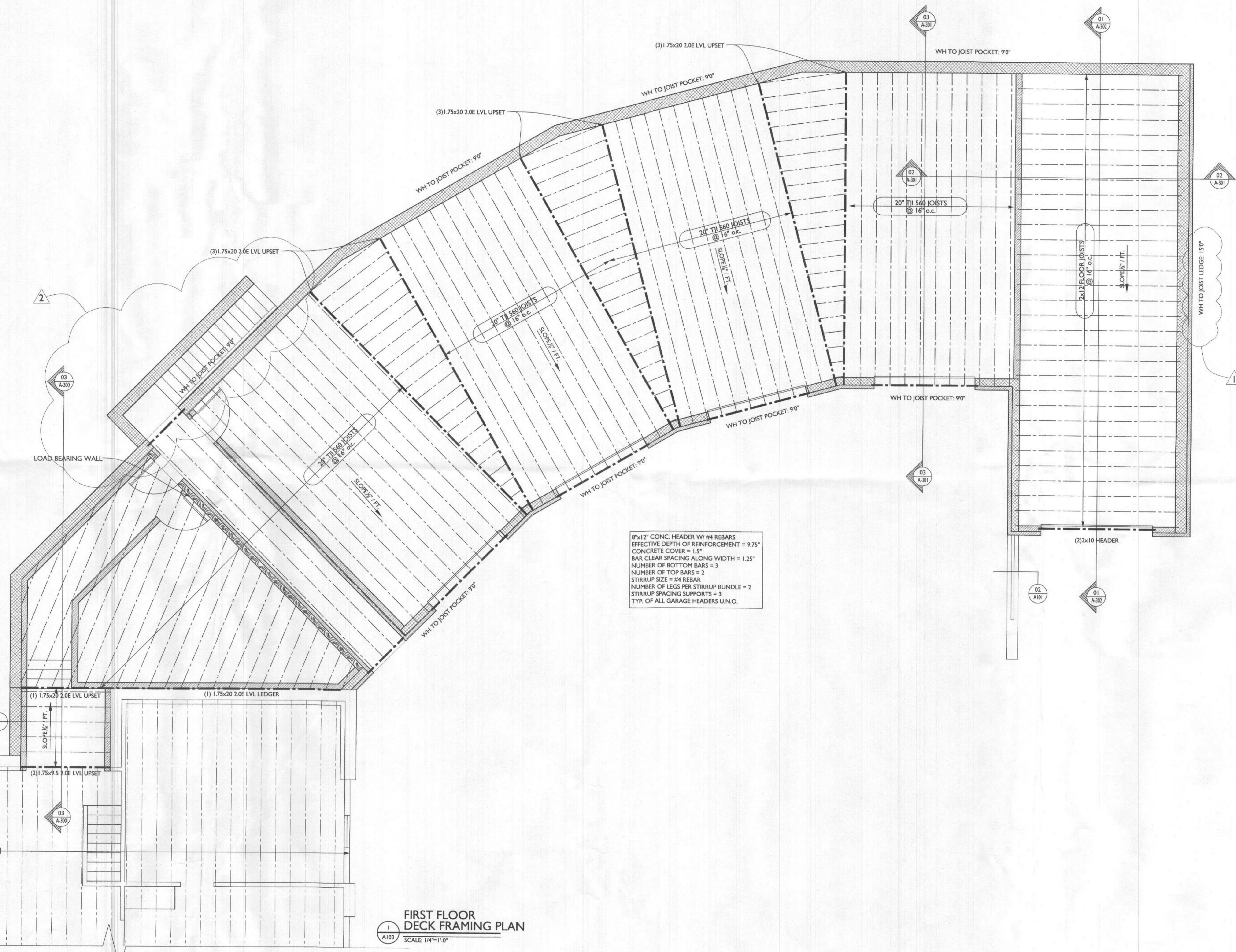
**GARAGE PLAN**

SHEET NUMBER

**A-102**

**GARAGE FLOOR PLAN**  
 SCALE: 1/4"=1'-0"

- LINE TYPE KEY:
- NEW WALL
  - EXIST. WALL
  - ABOVE LINE
  - FDN. WALL
  - DEMO WALL
  - BEARING WALL



8"x12" CONC. HEADER W/ #4 REBARS  
 EFFECTIVE DEPTH OF REINFORCEMENT = 9.75"  
 CONCRETE COVER = 1.5"  
 BAR CLEAR SPACING ALONG WIDTH = 1.25"  
 NUMBER OF BOTTOM BARS = 3  
 NUMBER OF TOP BARS = 2  
 STIRRUP SIZE = #4 REBAR  
 NUMBER OF LEGS PER STIRRUP BUNDLE = 2  
 STIRRUP SPACING SUPPORTS = 3  
 TYP. OF ALL GARAGE HEADERS U.N.O.

**FIRST FLOOR DECK FRAMING PLAN**  
 SCALE: 1/4"=1'-0"



7612 Browns Bridge Road  
 Highland, MD 20777  
 301-776-2666  
 301-776-2886 fax  
 info@TransformingArchitecture.com  
 www.TransformingArchitecture.com



STAMP

I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NUMBER 13662, EXPIRATION 10-22-2023.

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PROJECT PHASE  
**PERMIT**

PROJECT TITLE  
**THE ATWILL RESIDENCE**  
 16160 Ed Warfield Rd  
 Woodbine, MD 21797

REVISIONS		
SYMBOL	DATE	ISSUED FOR
1	12/06/21	BUILDING REVIEW
2	2/07/22	REVISION

PROJECT NUMBER 21-582  
 DATE 10/28/2021  
 SCALE AS NOTED

DRAWING TITLE  
**FIRST FLOOR DECK FRAMING PLAN**

SHEET NUMBER  
**A-103**