

11/13/89 11:00

Tax ID - 03-304019

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

P 45287
14732
A REPAIR

DISTRICT

DATE 11/28/89

DATE SYSTEM APPROVED 11/13/89

INSPECTOR B/f

INDEXED

Jack Fyock

IS PERMITTED TO INSTALL

ALTER

X

ADDRESS

PHONE

988-9270

SUBDIVISION

ROAD

11830 Ramsburg Road

LOT

PROPERTY OWNER

Bruce Bennett

PHONE: 442-2633

ADDRESS

11830 Ramsburg Road

Marriottsville, Maryland 21104 (11688 Rt 99)

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%

~~4188 Old Frederick Rd~~
~~1103304019~~

GARBAGE GRINDER?

YES

NO

SEPTIC TANK CAPACITY

GALLONS

NUMBER OF BEDROOMS

3

REPAIR - CALL FOR INSPECTION WHEN GROUND IS OPENED SO SANITARIAN CAN RECOMMEND REPAIR.

TRENCH OFF OLD DRY WELL 375 SQFT AREA
10 FT DEEP 7 FT STONE TUNNEL 3 FT DEEP
54 FT LONG RIT

PLANS APPROVED BY

C. Williams

DATE

10/27/89

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E., TANK, DISTRIBUTION BOX, TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

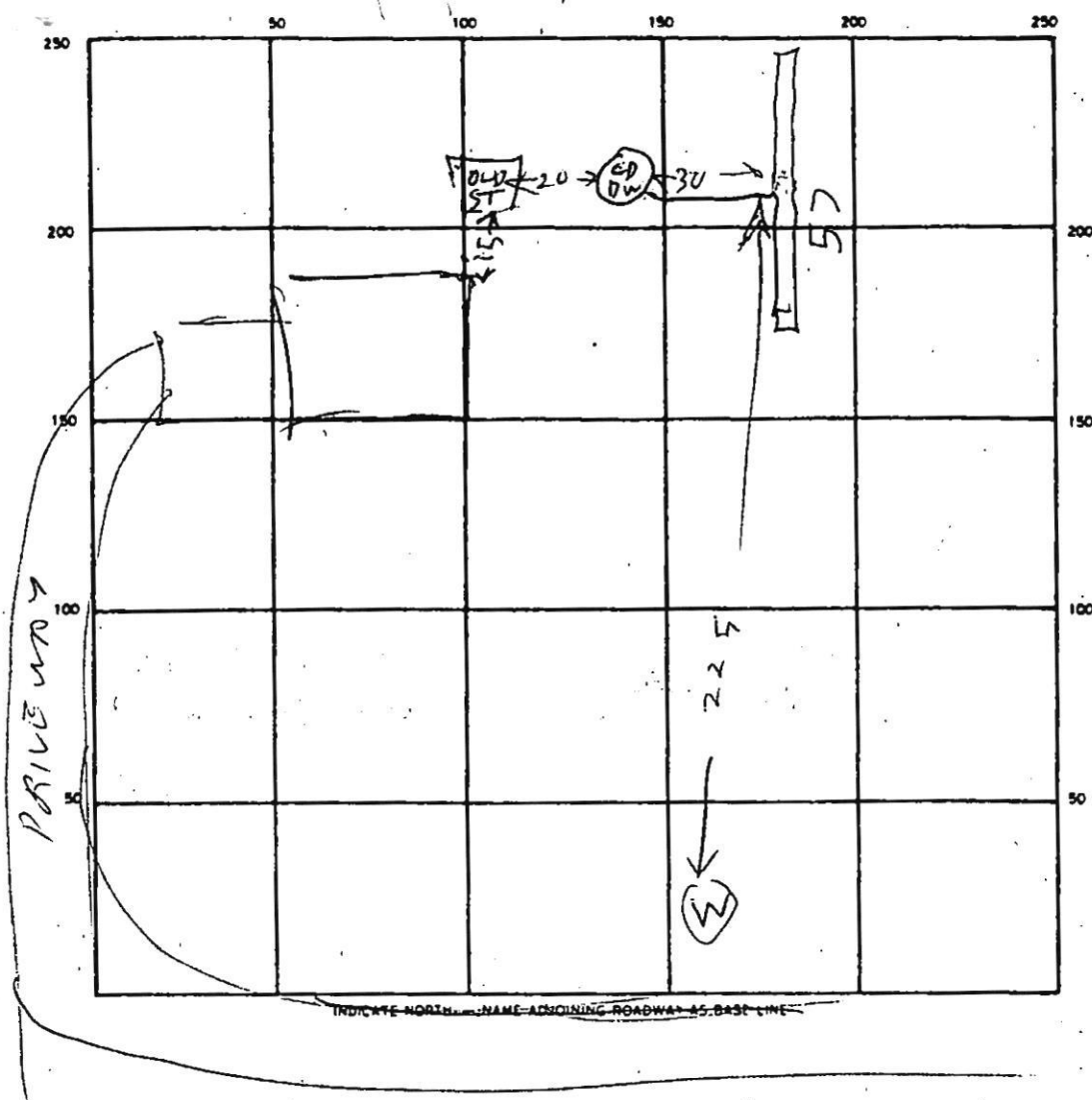
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

11/28/89

①
0 BROWN
2 CRY
BROWN
SAND
MICA
LOAM



SEPTIC TANK. LEVEL _____ CLEANOUTS _____

DISTRIBUTION BOX. LEVEL _____

DRAIN FIELD/TILE FIELD. DEPTH 10 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 7 FT. TOTAL LENGTH 57 FT.

NUMBER OF TRENCHES 1 ONE SIDEWALL/BOTTOM AREA 399 SQ. FT.

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 11/13/89 - SOIL GOOD TRENCH STARTED FINISH
TRENCH @ A 1712 STONE RH
11/13/89 - TRENCH FINISHED

DATE SYSTEM APPROVED

11/13/89

INSPECTOR

Raymond Hodge

SCOPE OF WORK

- 1. ADDITION OF MASTER BED ROOM & MASTER BATH ROOM OVER THE EXISTING GARAGE. ADD 608 SF
- 2. FAMILY ROOM ADDITION OFF THE EXISTING FAMILY ROOM. ADD 278 SF
- 3. RELOCATED FRONT ENTRANCE AND STAIRS TO LOWER GRADE. RENOVATE 398 SF
- 4. MISCELLANEOUS RENOVATION AT FRONT ELEVATION INCLUDING LIVING ROOM WINDOWS, ROOF GABLES, AND PORCH COLUMNS.

SCHLEIGH RESIDENCE

11830 RAMSBURG ROAD
MARRIOTSVILLE, MD 21104

DRAWINGS CONTENTS

DRAWINGS INDEX - ARCHITECTURE	
SHEET NO.	SHEET NAME
CS	COVERSHEET
GEN-00	GENERAL NOTES & SPECS
A.00	NOTES, LEGEND
A.01	BASEMENT LEVEL DEMOLITION - EXISTING PLAN
A.02	BASEMENT/FOUNDATION PLAN
A.03	MAIN LEVEL DEMOLITION-EXISTING PLAN
A.04	FIRST FLOOR PLAN
A.05	SECOND LEVEL DEMOLITION-EXISTING PLAN
A.06	SECOND FLOOR PLAN
A.07	ROOF PLAN
A.08	ELEVATIONS
A.09	SECTIONS
A.10	FRONT RENDERING
STD.01	MISCELLANEOUS DETAILS

DRAWINGS INDEX - STRUCTURAL	
SHEET NO.	SHEET NAME
S.00	STRUCTURAL GENERAL NOTES
S.01	FOUNDATION PLAN
S.02.1	STRUCTURE LAYOUT-FIRST FLOOR FRAMING
S.02.2	STRUCTURE LAYOUT-SECOND FLOOR FRAMING
S.02.3	STRUCTURAL LAYOUT-SECOND LEVEL CEILING PLAN
S.03.1	ROOF PLAN
S.04	STRUCTURAL MISCELLANEOUS DETAILS
S.05	STRUCTURAL MISCELLANEOUS DETAILS
S.06	STRUCTURAL MISCELLANEOUS DETAILS
S.07	TYPICAL LOOSE STEEL ANGLE LINTEL

BUILDING NOTES & STANDARDS

- 1. 2021 INTERNATIONAL BUILDING CODE
- 2. 2021 INTERNATIONAL RESIDENTIAL CODE
- 3. 2021 INTERNATIONAL ENERGY CONSERVATION CODE
- 4. 2021 INTERNATIONAL MECHANICAL CODE
- 5. 2021 INTERNATIONAL PLUMBING CODE
- 6. 2021 NFPA 101 LIFE SAFETY CODE

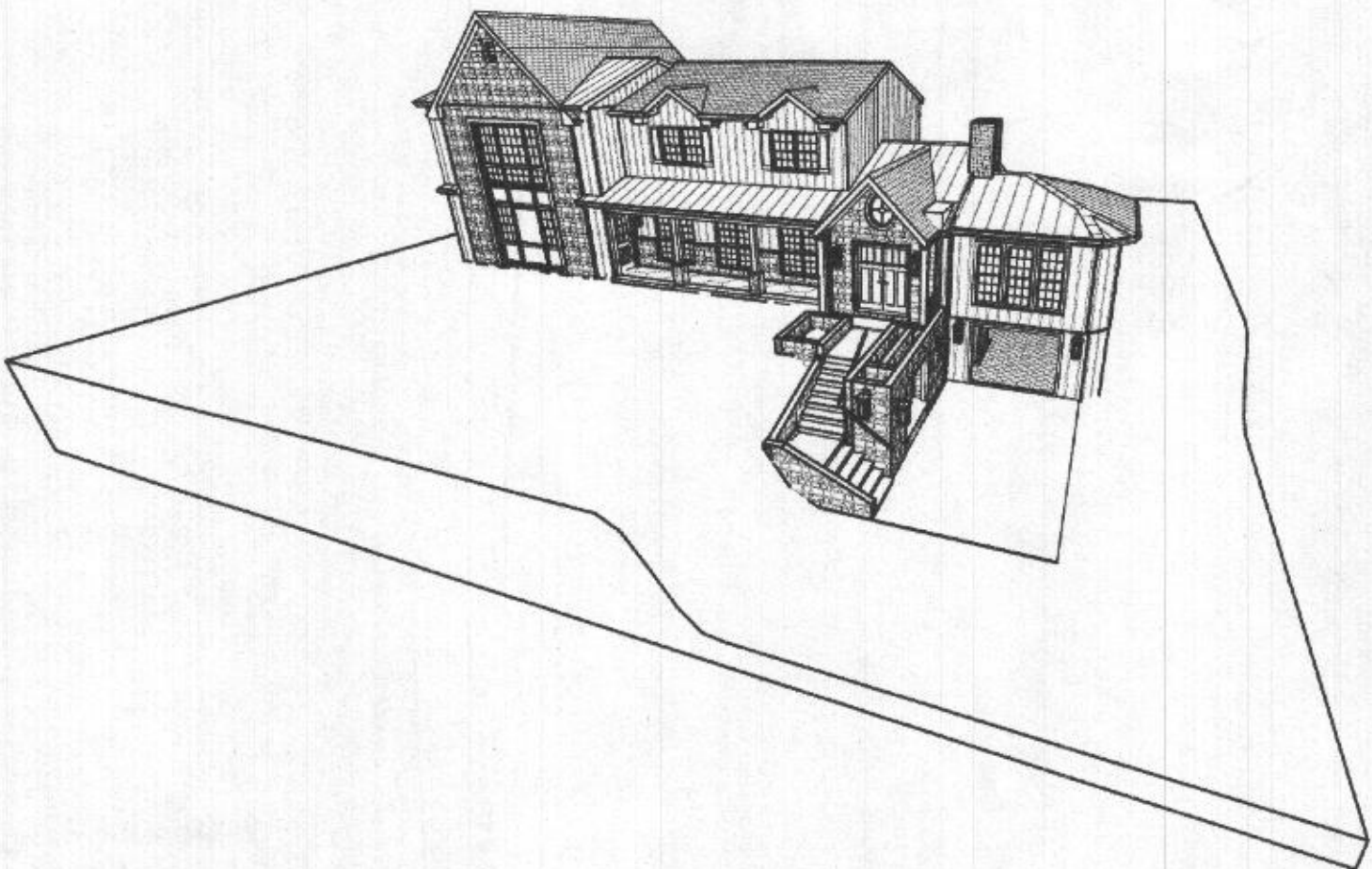
GENERAL NOTES

- G1 SITE EXAMINATION: CONTRACTOR SHALL THOROUGHLY EXAMINE AND SATISFY HIMSELF/HERSELF AS TO THE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED. THE CONTRACTOR SHALL VERIFY AT THE SITE ALL MEASUREMENTS AND CONDITIONS AFFECTING HIS/HER WORK, AND SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF THE SAME.
- G2 MEASUREMENTS: CONTRACTOR SHALL VERIFY ALL DIMENSIONS SHOWN ON THE DRAWINGS BY TAKING FIELD MEASUREMENTS AND MAKING ADJUSTMENTS IF NECESSARY. PROPER FIT AND ATTACHMENT OF ALL PARTS IS REQUIRED. BEFORE COMMENCING WORK, CHECK ALL LINES AND LEVELS INDICATED AND SUCH OTHER WORK TO VERIFY THAT IT HAS BEEN PROPERLY COMPLETED. SHOULD THERE BE ANY DISCREPANCIES, THE OWNER IS TO BE NOTIFIED FOR CORRECTION AND/OR RESOLUTION PRIOR TO COMMENCEMENT OF ANY RELATED WORK.
- G3 DIMENSIONS: DIMENSIONS SHOWN FOR EXISTING CONDITIONS ARE TO THE FACE OF EXISTING FINISHES UNLESS OTHERWISE NOTED. NEW WORK CONDITIONS ARE TO THE FACE OF FINISHED SURFACES UNLESS OTHERWISE NOTED.
- G4 GENERAL OPERATIONS: CONTRACTOR SHALL SCHEDULE THE WORK SO AS TO NOT INTERFERE UNDULY WITH THE NEIGHBORS, ETC. AND SHALL MAKE HIMSELF AWARE OF ANY LOCAL RESTRICTIONS ON CONSTRUCTION OPERATIONS.
- G5 MECHANICAL, PLUMBING, & ELECTRICAL: EXAMINATION OF SERVICES TO SITE BY CONTRACTOR PRIOR TO CONNECTION OR TYING INTO IS REQUIRED. IN ANY CASE WHERE A NEW LINE TIES INTO OR EXTENDS AN EXISTING LINE WITHIN THE LIMITS OF WORK, THE CONTRACTOR SHALL EXAMINE THE ENTIRE LINE AS IT IS FEASIBLE, OR ARRANGE FOR THE PROPER AGENCIES TO DO SO. NOTIFY OWNER OF ANY DEFECTS PRIOR TO TYING INTO LINES. (SEE ADDITIONAL NOTES WHERE APPLICABLE)
- G6 ALL DIMENSIONS TAKE PRECEDENCE OVER SCALE. CONTRACTOR SHALL SCALE PLANS AT HIS/HER OWN RISK.
- G7 ALL CONDITIONS NOT SPECIFICALLY DETAILED ON DRAWINGS SHALL BE SIMILAR TO THOSE SHOWN OR IMPLIED.
- G8 THE CONSTRUCTION DOCUMENTS ARE PROVIDED TO ILLUSTRATE THE DESIGN AND GENERAL TYPE OF CONSTRUCTION DESIRED AND IMPLY HIGH QUALITY CONSTRUCTION, MATERIAL, AND WORKMANSHIP THROUGH-OUT.
- G9 THE CONTRACTOR'S WRITTEN CONTRACT SPECIFICATIONS HAVE PRECEDENCE OVER ALL INFORMATION SHOWN IN THIS DRAWING SET.
- G10 ALL WORK SHALL CONFORM AND SHALL BE IN CONFORMANCE TO ALL REQUIREMENTS OF THE DISTRICT OF COLUMBIA AND ALL OTHER MUNICIPAL CODES & RESTRICTIONS.
- G11 ALL GLASS SHALL CONFORM WITH HUMAN IMPACT AS PER THE IBC.
- G12 ALL FASTENERS AND NAILING SHALL BE AS PER THE IBC - UNO
- G13 PROVIDE SECURITY DEVICES AS REQUIRED BY THE CITY OR COUNTY, AS WELL AS ANY SECURITY DEVICES SPECIFICALLY REQUESTED BY THE OWNER.
- G14 USE WATER RESISTANT GYPSUM BOARD AT ALL "WET" LOCATIONS.
- G15 CONTRACTOR SHALL INSTALL CORRECT INSULATION AS REQUIRED PER IECC.
- G16 CONTRACTOR SHALL VERIFY AND ENSURE THAT ALL PROPER HEIGHT, WIDTH, AND DEPTH CLEARANCES ARE IN CONFORMITY AS PER THE IBC.
- G17 CONTRACTOR SHALL VERIFY AND ENSURE THAT ALL APPLIANCES AND FIXTURES MEET SPECIFIED REQUIREMENTS AS PER CODES WHERE APPLICABLE.
- VIF - BUILDER TO "VERIFY IN THE FIELD" AND ADJUST DIMENSIONS, MATERIALS, OR CONSTRUCTION TECHNIQUES TO INSURE THE INTEGRITY OF THE DESIGNER'S INTENT.
- CLWO - "CONFIRM LOCATION WITH OWNERS" PRIOR TO ROUGH-IN OR INSTALLATION
- BUILDER'S NOTES:
BUILDER MUST UNDERSTAND & ACCEPT WHAT "VIF" MEANS. ASK THE DESIGNER FOR ALL CLARIFICATIONS PRIOR TO PERFORMING ANY WORK. A PRE-CONSTRUCTION DRAWING REVIEW MEETING IS SUGGESTED.

VICINITY MAP



FRONT ELEVATION



PROJECT NAME:

SCHLEIGH
RESIDENCE

11830 RAMSBURG ROAD
MARRIOTSVILLE, MD 21104

WINTHORPE DESIGN & BUILD, INC.

13050 WAINWRIGHT ROAD
Highland MD 20777
301-854-2092



Winthorpe Design & Build

DRAWING TITLE:

COVER SHEET

No.	Description	Date

PROJECT NUMBER

DATE

DRAWN BY

CHECKED BY

DRAWING NO.

CS

SCALE

AS INDICATED



Field & Tung Structural Engineers
1210 18th Street, NW
Third Floor
Washington, DC 20036
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 25862, EXPIRATION DATE: 02-05-2023.

GENERAL NOTES

- ALL CONSTRUCTION SHALL COMPLY WITH THE CURRENTLY ACCEPTED EDITION OF THE INTERNATIONAL BUILDING CODE (IBC) AND INTERNATIONAL RESIDENTIAL CODE (IRC) AND IRC STANDARDS. CURRENT CODE IS THE 2021 IBC, IN CONJ. W 2013 DCMR 12.
- THE DESIGN, ADEQUACY, AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC., IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND HAS NOT BEEN CONSIDERED BY THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR STABILITY OF THE STRUCTURE PRIOR TO THE APPLICATION OF ALL SHEAR WALLS AND ROOF DIAPHRAGMS, AND FINISH MATERIALS. HE SHALL PROVIDE THE NECESSARY BRACING TO PROVIDE STABILITY PRIOR TO THE APPLICATION OF THE PREVIOUSLY MENTIONED MATERIALS. OBSERVATION VISITS TO THE SITE BY THE ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS.
- DETAILS NOT SPECIFICALLY SHOWN SHALL BE SIMILAR TO DETAILS FOR SIMILAR CONSTRUCTION SHOWN ON THESE DRAWINGS.
- TYPICAL DETAILS SHALL APPLY UNLESS SHOWN OTHERWISE ON THE DRAWINGS.
- ALL PREFABRICATED CONNECTING HARDWARE SPECIFIED IS MANUFACTURED BY SIMPSON STRONG-TIE COMPANY, PLEASANTON, CALIFORNIA, UNLESS NOTED OTHERWISE. INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATION FOR MAXIMUM RATED VALUES.
- THE CONTRACTOR SHALL COORDINATE THE WORK OF ALL TRADES AND VERIFY ALL DIMENSIONS, ELEVATIONS, PROPERTY LINES, ETC., ON THE JOB. CONTRACTOR SHALL NOTIFY THE DESIGNER AND/OR ARCHITECT WHERE A DISCREPANCY OCCURS ON ANY OF THE CONTRACT DRAWINGS OR DOCUMENTS. CONTRACTOR IS NOT TO ORDER MATERIAL OR CONSTRUCT ANY PORTION OF THE BUILDING THAT IS IN CONFLICT UNTIL THE CONFLICT IS RESOLVED WITH THE AFFECTED PARTIES.
- NO STRUCTURAL MEMBERS SHALL BE CUT, NOTCHED, OR OTHERWISE PENETRATED UNLESS SPECIFICALLY APPROVED BY THE ENGINEER IN ADVANCE OR AS SHOWN ON THESE DRAWINGS.
- IN NO CASE SHOULD DRAWINGS, DETAILS, OR ANY PART OF THESE PLANS BE SCALED FOR ANY PURPOSE. IF ANY DIMENSIONS NOT SHOWN ARE REQUIRED IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE ENGINEER OR ARCHITECT FOR ADDITIONAL INFORMATION.
- FOR ALL ATTIC AREAS 30" OR MORE IN HEIGHT, PROVIDE ATTIC ACCESS SCUTTLE 22" X 30" MIN. OR 30" X 30" WITH WALK, PLATFORM AND LIGHT IF FALL IS IN ATTIC. PROVIDE 30" HEAD CLEARANCE AT SCUTTLE.
- PROVIDE INSPECTION IN ACCORDANCE WITH THE 2021 IRC.

SITE WORK AND FOUNDATIONS

- BEARING SOIL CONDITION IS CLASSIFIED BY MINIMUM ALLOWED BY CODE OR SOILS REPORT IF AVAILABLE FOR PROJECT.
- FOOTINGS SHALL BEAR ON FIRM, UNDISTURBED NATURAL SOILS OR ENGINEERED FILL.
- EXCAVATIONS SHALL BE CLEANED OF ALL DEBRIS, STANDING WATER SHALL BE REMOVED.
- GRADING SHALL BE ACCOMPLISHED TO PROVIDE DRAINAGE AWAY FROM THE BUILDING AT 6" SLOPE TO SWALE FOR MIN. 10' UNLESS ALTERNATE DRAINAGE IS PROVIDED. (DCR 10C)
- THERE SHALL BE NO UTILITY TRENCHES NEAR THE BUILDING FOUNDATION WHICH EXTEND DEEPER THAN A 45-DEGREE LINE PROJECTED DOWN AND AWAY FROM THE BOTTOM OUTSIDE CORNER OF ANY FOOTING.
- SILL BOLTS SHALL EXTEND 7" MINIMUM INTO CONCRETE. (DCR 10C)
- HOLDOWN ANCHOR BOLTS ARE TO BE INSTALLED PER THE MANUFACTURER'S SPECIFICATIONS.
- SOILS ENGINEER SHALL TEST/OBSERVE PLACEMENT OF FILL & APPROVE ALL EXCAVATIONS FOR FOUNDATIONS IF REQUIRED BY SOILS REPORT.
- ALL SILL BOLTS REQUIRE MINIMUM 3"x3"x0.229" STEEL PLATE WASHERS, TYP.
- PLACE 30" OF REBAR IN FOUNDATION AT SERVICE LOCATIONS. STUB UP REBAR ABOVE THE FLOOR BY ELECTRIC SERVICE METER.
- SLAB REINFORCEMENT TO BE LOCATED MID-SLAB.
- MAXIMUM WATER - CEMENT RATION OF .50 READ FOR SLAB-ON-GRADE CONCRETE.
- REFER TO SOILS REPORT FOR SPECIAL CONSIDERATIONS CONCERNING EXPANSIVE SOILS.
- MINIMUM CONCRETE COMPRESSION STRENGTH IS AS FOLLOWS:
1" C = 2500 PSI, (FOOTINGS)
- ALL SHEAR WALL ANCHOR BOLTS ARE TO BE ½" Ø MINIMUM.
- WHERE 3X SILL PLATES OCCUR USE SIMPSON SSTBL STAB BOLTS FOR HOLD-DOWNS.

ANCHOR BOLTS

¾" ANCHOR BOLTS AT 48" O.C. AT SINGLE STORY AND PER SHEAR WALL SCHEDULE UNO.1.

AS A REPAIR FOR MISSING ANCHOR BOLTS ¾" THREADED ROD ANCHORS MAY BE USED. THE ANCHOR SHALL BE EMBEDDED A MINIMUM 4 ½" INTO THE CONCRETE AND PLACED A MINIMUM 1 ½" FROM THE EDGE. THE ANCHOR SHALL BE FASTENED TO THE CONCRETE WITH SIMPSON EPOXY-SET® ADHESIVE AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS (ICC ESR - 2508).

FOUNDATION SILL SHALL BE BOLTED TO THE FOUNDATION OR FOUNDATION WALL AT ALL HOUSE AND GARAGE PERIMETER FOUNDATIONS.

SIMPSON MASA ANCHORS MAY BE USED TO REPLACE ANCHOR BOLTS AT ALL LOCATIONS EXCEPT SHEAR WALLS (ICC ESR - 2555).

FOUNDATION SILL AT INTERIOR WALLS MAY USE SHOT-PINS FOR CONNECTION TO THE SLAB. PLATES SHALL HAVE A MINIMUM OF TWO (2) BOLTS PER PANEL WITH ONE (1) BOLT LOCATED WITHIN 12" OF EACH END.

SHEAR WALL SILL PLATES SHALL BE BOLTED TO THE FOUNDATION.

ALL ANCHOR BOLTS SHALL HAVE 3"x3"x0.229" PLATE WASHERS. THE HOLE IN THE PLATE WASHER IS PERMITTED TO BE DIAGONALLY SLOTTED WITH A WIDTH OF UP TO ¾" LARGER THAN THE BOLT DIAMETER AND SLOT LENGTH NOT TO EXCEED 1 ¾" PROVIDED A STANDARD CUT WASHER IS PLACED BETWEEN THE PLATE WASHER AND THE NUT.

STRUCTURAL STEEL NOTES

- DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE SPECIFICATIONS AND STANDARD OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, AS CONTAINED IN THE "AISC MANUAL OF STEEL CONSTRUCTION", FOURTEENTH EDITION.
- ALL STRUCTURAL STEEL SHALL BE ERECTED PLUMB AND TRUE TO LINE. TEMPORARY BRACING SHALL BE INSTALLED AND SHALL BE LEFT IN PLACE UNTIL OTHER MEANS ARE PROVIDED TO ADEQUATELY BRACE THE STRUCTURE.
- SUBMIT STEEL SHOP DRAWINGS TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION.
- SEE PLAN SHEETS FOR STRUCTURAL STEEL GRADES.
- ALL BOLTS SHALL BE MACHINED BOLTS UNLESS NOTED OTHERWISE.
- ALL CONNECTIONS NOT SHOWN SHALL CONFORM TO THE "AISC MANUAL OF STEEL CONSTRUCTION".
- PLACE NON-SHRINK GROUT (EMVECO 636 OR APPROVED EQUAL) UNDER ALL BASE PLATES BEFORE ADDING VERTICAL LOAD.
- WELDING PROCEDURES, ELECTRODES AND WELDER QUALIFICATIONS SHALL CONFORM TO THE "CODE FOR WELDING IN BUILDING CONSTRUCTION", AMERICAN WELDING SOCIETY, AND THE AISC "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS". EPOX ELECTRODES SHALL BE USED TYPICALLY UNLESS NOTED OTHERWISE. ALL WELDERS SHALL HAVE EVIDENCE OF PASSING THE AWS STANDARD QUALIFICATION TESTS. ALL GROOVE OR BUTT WELDS SHALL BE GROUND SMOOTH.
- SEE ARCHITECTURAL DRAWINGS FOR NAILER HOLES, WELDING STUDS OR OTHER ITEMS NOT SHOWN IN THESE DRAWINGS. WHERE STEEL IS EMBEDDED INTO CONG. OR MASONRY, PROVIDE HOLES AS REQUIRED FOR PASSAGE OF CONT. REINFORCING BARS WHERE INDICATED ON DRAWINGS.

CONCRETE AND REINFORCING STEEL

- CONCRETE CONSTRUCTION, MATERIALS, MIXING, AND CURING SHALL CONFORM TO ACI 318.5 IRC STANDARD.
- THE MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE 3000 PSI PER 2013 IRC.
- CONCRETE SLABS ON GRADE SHALL BE A MINIMUM THICKNESS OF 3.5" PER 2013 IRC. A 6-MIL. POLYETHYLENE VAPOR RETARDER WITH JOINTS LAPPED NOT LESS THAN 6" SHALL BE PLACED BETWEEN THE BASE COURSE OR SUBGRADE AND THE CONCRETE FLOOR SLAB.
- REMOVE ALL DEBRIS FROM THE FORMS BEFORE PLACING ANY CONCRETE.
- ALL REINFORCING SHALL BE ASTM A601, GRADE 40 FOR #3 & #4 BARS. ALL REINFORCING SHALL BE ASTM A601, GRADE 60 FOR #5 BARS AND LARGER. WELDED WIRE FABRIC TO BE ASTM A601. LAP 18SPACES.
- ALL BENDS SHALL BE MADE COLD.
- DRY PACK SHALL BE COMPOSED OF ONE PART PORTLAND CEMENT TO NOT MORE THAN THREE PARTS SAND.
- REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR MISCELLANEOUS ITEMS TO BE CAST INTO CONCRETE AND FLOOR DEPRESSIONS, PITS, ETC.
- SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF EXPANSION JOINTS, SCORING, ETC. FOR CONCRETE WALKS, SLABS, AND OTHER FLAT WORK.
- HORIZONTAL REINFORCING FOOTING & STEM WALLS MIN 10" #4 REBAR 2' BELOW TOP OF STEM WALL AND 3' CLEAR ABOVE THE BOTTOM OF THE FOOTING AND AT 24" O.C. MAXIMUM HORIZONTAL SPACING UNO.
- REINFORCING, REINFORCING DOWELS, HOLDOWN ANCHORS, SLEEVES, ETC., TO BE EMBEDDED IN CONCRETE SHALL BE ACCURATELY AND SECURELY POSITIONED BEFORE POURING CONCRETE.
- MAXIMUM FREE FALL OF CONCRETE SHALL BE 4'-0".
- CONDUITS, PIPES AND SLEEVES OF ANY MATERIAL, NOT HARMFUL TO CONCRETE AND WITHIN THE LIMITATIONS OF ACI 318, SECTION 6.3, ARE PERMITTED TO BE EMBEDDED IN CONCRETE WITH APPROVAL OF THE REGISTERED DESIGN PROFESSIONAL.
- DETAILS OF REINFORCEMENT SUCH AS BENDING OF REINFORCEMENT, MIN. BEND DIAMETERS, PLACEMENT AND SPACING OF REINFORCEMENT SHALL BE ACCORDING TO ACI 318 SECTION 7.
- CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR COLD WEATHER CONCRETE PLACEMENT WHERE REQUIRED.
- WELDING OF REBAR IS NOT PERMITTED UNLESS PROCEDURE IS APPROVED BY THE ENGINEER OF RECORD.
- ALL BARS SHALL BE DEFORMED AS PER ASTM A305.
- ALL BARS SHALL BE CLEAN OF LOOSE FLAKY RUST, GREASE OR OTHER MATERIALS LIKELY TO IMPAIR BOND.
- SPlicing OF BARS SHALL HAVE THE FOLLOWING LAPS:
(NOTE: SD = BAR DIAMETER)
BAR SIZE LAP SPlice LENGTH
#4 48XSD
#5 48XSD
#6 48XSD

ENGINEER'S NOTES

- DO NOT BREAK FACE PLY WHEN NAILING ANY SHEAR WALLS.
- NAILS SPECIFIED FOR USE IN SHEAR WALLS AND HOLD-DOWNS TO BE AS FOLLOWS:
8D TO HAVE SHANK DIAMETER OF 0.315" & HEAD DIAMETER OF 0.281" W/ 2 1/2" MIN. LENGTH.
10D TO HAVE SHANK DIAMETER OF 0.445" & HEAD DIAMETER OF 0.325" W/ 3" MIN. LENGTH.
16D SINKER TO HAVE SHANK DIAMETER OF 0.445" & HEAD DIAMETER OF 0.345" W/ 3 1/4" MIN. LENGTH.
16D COMMON TO HAVE SHANK DIAMETER OF 0.462" & HEAD DIAMETER OF 0.345" W/ 3 1/2" MIN. LENGTH.
- ALL NAILING NOT SPECIFIED ON PLANS TO BE PER 2013 IRC.
- MOISTURE CONTENT OF LUMBER NOT TO EXCEED 19% @ TIME OF FABRICATION OR CONSTRUCTION.

SHOT-PINS

SHOT-PINS: 0.445" Ø X 2 ½" LONG (RAMSET/REDHEAD) ICC ESR-1799 OR EQUAL, EXCEPT FOR SHEAR WALLS. INTERIOR WALLS MAY BE CONNECTED TO THE SLAB WITH SHOT-PINS. THE SPACING SHALL BE AS FOLLOWS:

SPACING	
BEARING WALLS	16" O.C.
NON-BEARING WALLS	48" O.C.

LUMBER AND CARPENTRY

- ALL STRUCTURAL LUMBER SHALL BE IDENTIFIED BY THE GRADE MARK OF A LUMBER GRADING OR INSPECTION AGENCY THAT HAS BEEN APPROVED BY AN ACCREDITATION BODY THAT COMPLES WITH DCC PS 20 OR EQUIVALENT, AND SHALL HAVE A MAXIMUM MOISTURE CONTENT OF 19%.
- ALL STRUCTURAL PLYWOOD SHALL BE STRUCTURAL, II OR C-D GRADE WITH EXTERIOR GLUE UNLESS NOTED OTHERWISE AND CONFORM TO PS-183. EACH SHEET SHALL BE IDENTIFIED BY A REGISTERED STAMP DFP/A, OR APA.
- PLYWOOD USED AT EAVES SHALL BE C-C GRADE WITH EXTERIOR GLUE OR AS NOTED OTHERWISE ON THE ARCHITECTURAL PLANS.
- STRUCTURAL PLYWOOD MAY BE SUBSTITUTED WITH AN EQUIVALENT APA RATED ORIENTED STRAND BOARD (OSB).
- ALL WOOD BEARING ON CONCRETE OR MASONRY SHALL BE PRESSURE TREATED DOUGLAS FIR.
- STRUCTURAL MEMBERS SHALL NOT BE CUT FOR PIPES, ETC., UNLESS SPECIFICALLY NOTED OR DETAILED OR IS IN CONFORMANCE WITH IRC 2021.
- SOLID BLOCKING SHALL BE PLACED BETWEEN JOISTS OR RAFTERS AT ALL SUPPORTS, EXCEPT WHEN LEDGERS.
- CROSS-BRACING SHALL BE PROVIDED AT 8' O.C. MAX. FOR ALL DIMENSIONED FLOOR JOISTS OVER 10' IN DEPTH. CROSS-BRACING SHALL BE PROVIDED AT 10' O.C. MAX. FOR ALL DIMENSIONED ROOF RAFTERS OVER 10' EXCEPT WHERE RIGID MATERIAL IS APPLIED TO BOTTOM OF JOIST USE SHEETROCK USE SOLID BLOCKING OR AN APPROV. TYPE METAL BRACE.
- ALL NAILING TO BE PER CURRENTLY ACCEPTED NAILING SCHEDULE UNO.
- PLYWOOD FLOOR AND ROOF SHEATHING SHALL BE LAID CONTINUOUS OVER 2 OR MORE SPANS WITH FACE GRAIN PERPENDICULAR TO SUPPORTS. STAGGER ALL PLYWOOD PANELS A MIN OF 4".
- FRAMING CONTRACTOR SHALL PROVIDE BACKING AS REQUIRED FOR ALL LIGHT FIXTURES, CABINETS, WARDROBES, TOWEL BARS, HANDRAILS, ETC. AS REQUIRED AND REQUESTED BY THE GENERAL CONTRACTOR.
- EXTERIOR WOOD POSTS AND COLUMNS SUPPORTED BY A CONCRETE SLAB SHALL BE INSTALLED A MIN OF 8" ABOVE EXPOSED EARTH AND AT LEAST 1" ABOVE SLAB ON METAL POST BASES. EXCEPTION POSTS OR COLUMNS OF APPROVED WOOD WITH NATURAL RESISTANCE TO DECAY OR TREATED WOOD. POSTS OR COLUMNS RESTING ON CONCRETE PIERS SURROUNDING BY EXISTING GRADE SHALL BE MINIMUM OF 8" ABOVE ADJACENT GRADE. ALL ISOLATED INTERIOR AND EXTERIOR WOOD POSTS ATTACHED DIRECTLY TO CONCRETE SHALL BE SECURED WITH A SIMPSON 78" ANCHOR OR EQUIVALENT, UNO.
- PROVIDE A DOUBLE 2X4 HEADER AT ALL INTERIOR NONBEARING OPENINGS UP TO 36" IN WIDTH. PROVIDE 2-2X4 HEADER ON EDGE OR A 4X4 OR OPENING 3' TO 6' IN WIDTH. USE A 4X6 HEADER FOR OPENINGS GREATER THAN 6'.
- ALL EXTERIOR WALLS ADJACENT TO VAULTED CEILINGS SHALL BE BALLOON FRAMED WITH CONTINUOUS STUDS TO BOTTOM CHORD OF TRUSS OR RAFTER.
- PROVIDE BLOCKING FOR ALL FRAMING MEMBERS AT ALL SUPPORTS.
- BOLTS FOR TIMBER CONNECTIONS SHALL BE ASTM A307 MACHINE BOLTS UNO. BOLTS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION BY THE NATIONAL FOREST PRODUCTS ASSOCIATION. BOLT HOLES SHALL BE 1/16" LARGER THAN THE BOLT DIAMETER.
- HOLES FOR LAG SCREW SHANKS SHALL BE BORED THE SAME DEPTH AND DIAMETER AS THE SHANK. THE REMAINING DEPTH OF PENETRATION SHALL BE BORED TO 70% OF THE SHANK DIAMETER.
- PROVIDE MALLEABLE IRON WASHERS OR EQUIVALENT CUT PLATE WASHERS UNDER NUTS AND BOLTS OR LAG SCREW HEADS THAT BEAR ON WOOD. AT SILL PLATES, PROVIDE 3"x3"x0.229" PLATE WASHERS AT ANCHOR BOLTS.
- WHEN REQUIRED NAILING TENDS TO SPLIT WOOD MEMBERS, NAIL HOLES SHALL BE PRE-BORED TO ¾ OF THE NAIL DIAMETER.
- INSTALL FIREBLOCKS TO CUT OFF ALL HORIZONTAL AND VERTICAL DRAFT OPENINGS BETWEEN TWO STORES AND ROOF ATTIC SPACES. FIRE BLOCKS SHALL BE OF 2" NOMINAL THICKNESS. LOCATION OF FIRE BLOCKS SHALL INCLUDE:
A. CEILINGS, FLOORS, FURRED DOWN CEILINGS, SHOWERS, SOFFITS AND AT CONCEALED DRAFT OPENINGS NOT TO EXCEED 10'.
B. AROUND TOP, BOTTOM, SIDES, AND ENDS OF SLIDING POCKET DOORS.
C. BETWEEN STAIR STRINGERS AT TOP AND BOTTOM OF RUN AND BETWEEN STUDS IN A WALL PARALLEL AND ADJOINING RUN OF STAIRS.
D. AS REQUIRED BY THE 2021 IRC.
- ALL BEAMS ARE TO BE SUPPORTED WITH FULL BEARING UNO.
- ALL BEARING WALLS ON A WOOD FLOOR ARE TO BE SUPPORTED WITH DOUBLE JOISTS OR SOLID BLOCKING UNO PER 2021 IRC.
- PROVIDE FLOORING AS NEEDED TO ALIGN NON-SHEAR WALLS WITH SHEAR WALLS AS REQUIRED.
- SOLID BLOCKING IS REQUIRED BETWEEN PERPENDICULAR JOISTS AT BEARING AND AT SHEAR WALLS.
- REFER TO LUMBER MANUFACTURER FOR SPECIFICATIONS FOR DRILLING OF HOLES THROUGH WELLS.
- EXCEPT WHERE MORE STRINGENT CONSTRUCTION IS SHOWN ON THE DRAWINGS, WOOD CONSTRUCTION SHALL COMPLY WITH THE 2021 IRC AS A MINIMUM.

ROOF FRAMING NOTES

- ALL HEADERS AT INTERIOR BEARING WALLS AND EXTERIOR WALLS ARE 4X12 OR 6X10 UNO.
- MULTIPLE 2X MEMBERS, JOISTS, HEADERS, AND BEAMS SHALL BE NAILED TOGETHER WITH 2 ROWS OF 16D'S @ 6" O.C.
- WHERE RAKED WALLS OCCUR, ALL STUDS SHALL BE BALLOON FRAMED TO BOTTOM CHORD OF TRUSS, RAFTER, ROOF SHEATHING OR CEILING JOISTS.
- PROVIDE SOLID BLOCKING UNDER ALL POSTS (SQUASH BLOCKS).
- ALL METAL HARDWARE NOTED ON THE PLANS ARE PRODUCTS OF SIMPSON STRONG-TIE COMPANY, INC. UNO.
- TOP PLATE SPLICING: 48" MINIMUM OVERLAP W/ MINIMUM OF 16-16D NAILS ON EACH SIDE OF LAP.
- WHERE GIRDOR TRUSS OCCURS, PROVIDE 4X4 POST UNDER BEARING UNO.
- AT CALIF. OVER-FRAMING THE LOWER ROOF SHEATHING SHALL BE CONTINUOUS, EXCEPT FOR MIN. ACCESS.
- ALL 16D NAILS TO BE 16D SINKER 0.448"x3 ½" UNO.
- PROVIDE H3 CLIPS AT ENDS OF ALL DRAG TRUSSES AND MULTIPLE PLY TRUSSES, UNO.
- 3 ½" AND 5 ½" WIDE LVL. MAY BE MULTIPLE 1 ½" WIDE LVL. NAILED TOGETHER (SEE DETAIL DRAWINGS).

MANUFACTURED WOOD TRUSS DESIGN

- TRUSS LOADINGS SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE:

ROOF	FLOOR
TOP CHORD SHAKE/COMP. TILE	TOP CHORD
DEAD LOAD • 10 PSF 14 PSF	DEAD LOAD • 10 PSF
LIVE LOAD • 16 PSF 16 PSF	LIVE LOAD • 40 PSF
BOT. CHORD	BOT. CHORD
DEAD LOAD • 10 PSF	DEAD LOAD • 8 PSF
- DESIGN AND FABRICATE USING THE CRITERIA, THE 2021 IRC, INDUSTRY STANDARDS, AND APPLICABLE ICC RESEARCH REPORTS.
- USE APPROPRIATE INCREASE MAXIMUM FOR DURATION OF LOADING UNO. ON ROOF FRAMING PLAN. INCREASES IN ALLOWABLE STRESSES FOR ASSEMBLES OF REPETITIVE FRAMING IS PERMISSIBLE, (WHERE APPLICABLE) LOAD DURATION FACTORS ARE AS FOLLOWS: 125 = NON - SNOW LOAD, 145 SNOW LOADS UP TO 100 PSF, 100 SNOW LOADS OVER 100 PSF, 100 FLOOR LOADS.
- MINIMUM MEMBER SIZES: TOP CHORD • 2X4, BOTTOM CHORD • 2X4, WEBS • 2X3. LUMBER SPECIES AND MINIMUM GRADE SHALL BE SET BY THE TRUSS DESIGN ENGINEER.
- PROVIDE COMPLETE TRUSS LAYOUT WITH TRUSS IDENTIFICATION NUMBERS CLEARLY IDENTIFIED ON TRUSS DRAWINGS. PROVIDE COPIES OF ICC APPROVALS FOR METAL CONNECTOR PLATES USED IF REQUIRED BY ENGINEER.
- INSTALL IN ACCORDANCE WITH REQUIREMENTS OF THE REFERENCED STANDARDS, THESE DRAWINGS AND THE MANUFACTURER'S DETAILS AND RECOMMENDATIONS.
- TRUSS DRAWING AND CALCULATIONS SHALL HAVE ORIGINAL SIGNATURE BY A LICENSED CIVIL OR STRUCTURAL ENGINEER AND SHALL BE SUBMITTED TO THE PROJECT ENGINEER AND LOCAL BUILDING DEPARTMENT FOR REVIEW BEFORE FABRICATION.
- CLEARLY INDICATE ALL BRACING, STRONGBACKING, AND BRACING. MEMBERS SHALL BE ADEQUATELY BRACED DURING ERECTION. MEMBERS SHALL BE ALIGNED AND ALL CONNECTIONS COMPLETED BEFORE REMOVAL OF TEMPORARY BRACING.
- LATERAL BRACING OF WEB MEMBERS MUST BE RESTRAINED AT ONE END.
- TRUSS TO TRUSS CONNECTIONS AND TRUSS TO BEAM CONNECTIONS SHALL BE THE RESPONSIBILITY OF THE TRUSS MANUFACTURER.
- DO NOT CUT ANY TRUSS WITHOUT PRIOR APPROVAL FROM THE TRUSS MANUFACTURER.
- DO NOT ATTACH BOTTOM CHORDS TO NONBEARING WALLS UNLESS A SIMPSON STC CLIP IS USED UNO.
- ALL GABLE END TRUSSES ARE STRUCTURAL TRUSSES WITH FILL. THEY SHALL BE DESIGNED FOR VERTICAL AND LATERAL LOADS. THEY SHALL BE DESIGNED TO TRANSFER A MINIMUM OF 200 PLF (MAX. 2000 LBS) FROM TOP CHORD TO THE BOTTOM CHORD UNO.
- MECHANICAL UNIT LOADS AND PARTITION LOADS SHALL BE CONSIDERED WHERE APPLICABLE.
- WHERE MANUFACTURED TRUSSES ARE INSTALLED AS BLOCKING OR RIM JOISTS IN BEARING WALLS, THEY SHALL BE DESIGNED TO TRANSMIT DIRECT AXIAL WALL LOADS.
- PROVIDE SOLID BLOCKING BETWEEN RAFTERS OR JOISTS AT ALL SUPPORTS.

TRUSS NOTES

- ALL TRUSSES ARE MPF. WOOD TRUSSES. REFER TO TRUSS FABRICATOR'S DRAWINGS AND NOTES FOR ADDITIONAL INFORMATION.
- VERIFY ALL DIMENSIONS.
- REFER TO ARCH. PLANS FOR OVER-HANG INFORMATION.
- ALL GABLE END TRUSSES SHALL BE STRUCTURAL TRUSSES WITH FILL. THEY SHALL BE DESIGNED TO TRANSFER A MIN. OF 200 PLF (MAX. 2000 LBS) FROM TOP CHORD TO BOTTOM CHORD UNO.
- TRUSS PROFILES AND LAYOUTS SHALL BE PROVIDED BY THE FABRICATOR, REFER TO THE ARCH. PLANS FOR ADDITIONAL INFORMATION. TRUSS FABRICATOR SHALL SUBMIT TRUSS ENGINEERING CALC. & PLANS TO THE PROJECT ENGINEER FOR APPROVAL.
- NAIL ROOF SHEATHING TO DRAG TRUSSES USING 8D NAILS @ 6" O.C. UNO.
- SEE FRAMING PLANS FOR ADDITIONAL TRUSS NOTES.
- ALL TRUSS CALCULATIONS SHALL BE STAMPED BY A LOCALLY LICENSED ENGINEER.

SHEAR WALL NOTES

- SHEAR WALL PANELS SHALL BE APPLIED PRIOR TO ALL BOX-OUTS, FURROUTS, SOFFITS OR ANY OTHER FRAMING THAT MAY INTERRUPT CONTINUITY OF THE BRACING PLANE.
- ALL SHEAR WALL ANCHOR BOLTS ARE TO BE ½" Ø MINIMUM.
- WHERE 3X SILL PLATES OCCUR USE SIMPSON SSTBL STAB BOLTS FOR HOLD-DOWNS.

NOTE: SEE DETAIL DRAWINGS FOR LOCATION, TYPE, EXTENT AND/OR MINIMUM LENGTH OF ENGINEERED SHEAR WALL PANEL.

SHEAR WALL PANEL SCHEDULE

- P1 ¾" CDX PLYWOOD OR OSB (BLOCKED) (T-III OK)
20 PLF NAILING: 8D'S, (COMMON WIRE)
4" O.C. AT EDGES
12" O.C. AT FIELD
ANCHOR BOLTS • 48" O.C. OR 16D SINKERS • 6" O.C. (• SOLE PLATES TO RIM)
- P2 ¾" CDX PLYWOOD OR OSB (BLOCKED) (T-III OK)
30 PLF NAILING: 8D'S, (COMMON WIRE)
4" O.C. AT EDGES
12" O.C. AT FIELD
ANCHOR BOLTS • 48" O.C. OR 16D SINKERS • 4" O.C. (• SOLE PLATES TO RIM)
- P3 ¾" CDX PLYWOOD OR OSB (BLOCKED)
40 PLF NAILING: 8D'S, (COMMON WIRE)
FRAMING AT ADJOINING EDGES SHALL BE 3" NOMINAL OR WIDER. NAILING SHALL BE STAGGERED.
NAILING: 8D'S, (COMMON WIRE)
3" O.C. AT EDGES
12" O.C. AT FIELD
ANCHOR BOLTS • 36" O.C. OR 16D SINKERS • 3" O.C. (• SOLE PLATES TO RIM)
- P4 ¾" CDX PLYWOOD OR OSB (BLOCKED)
50 PLF NAILING: 8D'S, (COMMON WIRE)
FRAMING AT ADJOINING EDGES SHALL BE 3" NOMINAL OR WIDER. NAILING SHALL BE STAGGERED.
NAILING: 8D'S, (COMMON WIRE)
2" O.C. AT EDGES
12" O.C. AT FIELD
ANCHOR BOLTS • 28" O.C. OR 308 ½"x4 ½" WOOD SCREWS • 6" O.C. (• SOLE PLATES TO RIM)

PROJECT NAME:

SCHLEIGH RESIDENCE

11830 RAMSBURG ROAD
MARRIOTSVILLE, MD 21104

WINTHORPE DESIGN & BUILD, INC.

13050 WAINWRIGHT ROAD

Highland MD 20777
301-854-2092

DRAWING TITLE:

GENERAL NOTES & SPECS

No.	Description	Date

PROJECT NUMBER

DATE

DRAWN BY

CHECKED BY

DRAWING NO.

GEN.00

SCALE

AS INDICATED



Field & Tung Structural Engineers
1210 18th Street, NW
Third Floor
Washington, DC 20036
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE
PREPARED OR APPROVED BY ME, AND THAT I AM A
FULLY LICENSED PROFESSIONAL ENGINEER UNDER
THE LAWS OF THE STATE OF MARYLAND. LICENSE
NO. 25502, EXPIRATION DATE: 10/01/2023.

GENERAL NOTES:

1. WINDOW & DOOR SIZES SHOWN ARE FOR DESIGN PURPOSES ONLY. ACTUAL WINDOW & DOOR SIZES SHALL BE FRAMED & SET PER MFG. SPECIFICATIONS. MAKE & MODEL NUMBERS SHALL BE CALLED OUT PER SUPPLIER'S ANDOR OWNER'S SPECIFICATIONS. WINDOWS TO BE DUAL-PANED (U.N.O.).
2. ALL WINDOWS AND EXTERIOR DOORS TO MEET MINIMUM ENERGY REQUIREMENTS PER IECC.
3. ALL EXTERIOR HEADERS SHALL BE AT 6'-8" U.N.O..
4. ALL EXTERIOR DOORS SHALL BE AT LEAST 1 3/4" THICK.
5. ALL GLASS DOORS, GLASS WITHIN 24" OF DOORS & WITHIN 18" OF FLOORS, GLASS SUBJECT TO HUMAN IMPACT, ETC. SHALL BE SAFTEY TEMPERED.
6. BEDROOM WINDOWS SHALL HAVE MAX 44" HIGH SILL & MIN. NET CLEAR OPENINGS OF 20" IN WIDTH & 24" IN HEIGHT W MIN. CLEAR OPENING OF 5.7 FEET.
7. SHOWERS TO BE FINISHED WITH MOISTURE RESISTANT MATERIALS OVER A MOISTURE RESISTANT UNDERLAYMENT TO MIN. HEIGHT OF 72" ABOVE DRAIN W TEMPERED GLASS ENCLOSURES.
8. PROVIDE THERMOSTATIC MIXING VALVE OR INDIVIDUAL CONTROL VALVES OF THE PRESSURE BALANCE AT ALL SHOWERS PER I.P.C.
9. WATER CLOSETS (TOILETS) SHALL USE NO MORE THAN 1.28 GALLONSFLUSH.
10. WATER HEATERS & FURNACES TO BE I.E.C.C. CERTIFIED. WATER HEATERS TO HAVE PRESSURE & TEMPERATURE RELIEF DEVICES & DISCHARGE TO OUTSIDE.
11. PROVIDE COMBUSTION AIR FOR FUEL BURNING APPLIANCES.
12. WATER HEATERS SHALL BE STRAPPED WITHIN THE UPPER & LOWER 13 OF THE HEATER STRAPS SHALL BE LOCATED A MIN. OF 4" FROM ANY CONTROLS. WATER HEATER TO BE ON PLATFORM 18" MIN. A.F.F.
13. OPENINGS AROUND GAS VENTS, DUCTS & PIPING @ EACH FLOOR SHALL BE FIRE STOPPED.
14. PROVIDE ACDC SMOKE DETECTORS WITHIN EACH SLEEPING ROOM & CENTRALLY LOCATED IN CORRIDORS OR AREAS GIVING ACCESS TO EACH SLEEPING AREA. ALL DETECTORS TO BE INTERCONNECTED TYPICAL.
15. LANDINGS NO MORE THAN 7.75" LOWER THAN THRESHOLD FOR IN-SWINGING DOORS, & NO MORE THAN 112" FOR OUT-SWINGING & ENTRY DOORS. EXTERIOR LANDINGS TO BE 3'-0 DEEP MIN.
16. DEMOLITION WORK INCLUDES WORK SHOWN AND ANY OTHER WORK AFFECTED BY WORK INCLUDED IN THE DEMOLITION OR THAT IS NECESSARY TO ACCOMMODATE THE PROPOSED CONSTRUCTION.
17. PROVIDE A DUST BARRIER TO PROTECT ANY PORTIONS OF THE HOUSE, DUCTWORK, ETC. NOT BEING AFFECTED BY THIS PROJECT.
18. REMOVE FINISHES AS NECESSARY FOR NEW AND EXISTING WALL FACES TO ALIGN.
19. PROVIDE SHORING AND BRACING AS REQUIRED TO SUPPORT THE EXISTING STRUCTURE DURING DEMOLITION AND CONSTRUCTION.
20. REMOVE GYPSUM BOARD AND REPLACE AS REQUIRED FOR FLUSH TRANSITION BETWEEN NEW AND EXISTING WALLS.
21. ALL EXISTING FINISHED FLOORING SHALL BE REMOVED. FLOOR FRAMING SHALL REMAIN UNLESS NOTED OTHERWISE.
22. ALL EXISTING EXTERIOR SIDING AND ROOFING SHALL BE REMOVED.
23. CONTRACTOR SHALL VISIT SITE PRIOR TO BIDDING TO VERIFY THE EXTENT OF WORK, SITE CONDITIONS, ETC.
24. DEMO IS NOT LIMITED TO WORK SHOW, IT SAHLL ALSO INCLUDE ANY WORK NECESSARY TO ALLOW FOR PROPOSED AND NOT LIMITED TO STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, SITE WORK, ARCHITECTURAL FINISH WORK, ETC.

ABBREVIATIONS

A A/C AHU ALUM ANOD AR/A	AIR CONDITIONING AIR HANDLING UNIT ALUMINUM ANODIZED ARCHITECTURAL
B BLDG BD BOT.O BOS BSMT BV	BUILDING BOARD BOTTOM OF BOTTOM OF SLAB BASEMENT BLAST VALVE
C C/C CEM COL CONC CONT CMU CW	CEILING CEMENT COLUMN CONCRETE CONTINUOUS CONCRETE MASONRY UNIT CURTAIN WALL
D DET DN DR/O DRN DWG DIM D.O	DETAIL DOWN DOOR DRAIN DRAWING DIMENSION DROP OFF
E E ED EL ELEC EQ EQPT EXP EXP EXT EWC EWH	EAST EASTING EMERGENCY DOOR ELEVATION ELECTRIC/ELECTRICAL EQUAL EQUIPMENT EXPANSION EXPANSION JOINT EXTERIOR EASTERN WATER CLOSET ELECTRIC WATER HEATER
F FFL FH FHC FIN FLR FR	FINISH FLOOR LEVEL FIRE HYDRANT FIRE HOSE CABINET FINISH FLOOR FIRE RESISTIVE
G GALV GEN/O GLS GRC	GALVANIZED GENERAL GLASS GLASS FIBER REINFORCED CEMENT
GRD GRG	GROUND GLASS FIBER REINFORCED GYPSUM
GYP	GYPSUM
H H HR HT HW	HOOK HOUR HEIGHT HARDWARE
I ID INT	INTERIOR DESIGN INTERIOR
JAN JT K KS KIT	JANITOR JOINT KITCHEN SINK KITCHEN
L L LAV LEV LS LTG	LENGTH LAVATORY LEVEL LANDSCAPE LIGHTING
M M MACH MAX MDF MECH MET MEZZ MFR MH MID MIN MM MO MNTD MNT	METER/MIRROR MACHINE MAXIMUM MEDIUM DENSITY FIBERBOARD MECHANICAL METAL MEZZANINE MANUFACTURER MANHOLE MIDDLE MINIMUM MILLIMETER MASONRY OPENING MOUNTED MINUTE
N N NIC NO NTS	NORTH NOT IN CONTRACT NUMBER NOT TO SCALE
O OC OPNG	ON CENTER OPENING
P PART/PPARTITION PC PRECAST PLAS PLYBD PNL PR PTG	PART/PPARTITION PRECAST PLASTER PLYBOARD PANEL PAIR PLANTING
R R RAC RC RD RE/REF REQ RM RP	RADIUS ROOM AIR CONDITIONER REINFORCED CONCRETE ROOF DRAIN RE/REF REFER REQUIRED ROOM REMOVABLE PANEL
S S SB SECT/SECTION SM SO SRDN SSTL SS STC STD STL STO STRUC SUSP	SOUTH SLOPE SPLASH BLOCK SECT/SECTION SIMILAR SQUARE SCURPPER ROOF DRAIN STAINLESS STEEL STRUCTURAL SLAB SOUND TRANSMISSION GLASS STANDARD STEEL STORAGE STRUCTURE SUSPENDED
T&B TD THK TO TOC T.O.S.S TYP TOW	TOILET AND BATH TRENCH DRAIN THICK TOP OF TOP OF CONCRETE TOP OF STRUCTURAL SLAB TYPICAL TOP OF WALL
UL UR UNO	UNDERWRITER LABORATORIES URINAL UNLESS NOTED OTHERWISE
V VIP VERT	VERY IMPORTANT PERSON VERTICAL
W W W/ WC WD WDO/W WH WP	WEST/WIDTH WITH WATER CLOSET WOOD WINDOW WEEP HOLE WORKING POINT
& % Ø AT # ≈	AND PERCENT DIAMETER AT CENTER LINE NUMBER APPROXIMATE

LEGENDS

	COMPACTED NATURAL SOIL (EXCAVATED & REFILLED)		PLASTER AND GROUT		WOOD BLOCKING
	REINFORCED CONCRETE		MEMBRANE WATERPROOFING / VAPOR		GLASS (LARGE SCALE)
	BRICK WALL		INSULATION (R20)		RUBBER, PLASTIC AND SEALANT
	DRY WALL PARTITIONS		INSULATION (LOOSE)		STONE CLADDING
	BLOCKS WALL		STEEL AND IRON		ACOUSTIC TILE (LARGE SCALE)
	SCOPE OF LIMIT LINE		GRASS		WOOD FINISH (PLAN & SECTION)

SYMBOLS

GRID LINES		DETAIL CALLOUT	
DRAWING TITLE		BLDG ELEVATION CALLOUT	
SECTION CUT		SECTION CUT	
INTERIOR ELEVATION CALLOUT		DATUM POINT, WORKING POINT	
REVISION		DOOR DESIGNATION KEY	
LEVEL ID		PRECAST PANEL TYPE	
		EQUIPMENT NUMBER	
		WALL TYPE	
		GLAZED DOOR TYPE	
		CURTAIN WALL	
		WINDOW TYPE	
		DOOR TYPE	
		LOUVER TYPE	
		ARCH TYPE	

DISCIPLINES & DRAWINGS SERIES KEY

DISCIPLINES KEY

G / GN	GENERAL
PK	PACKAGE
D	DEMOLITION
C	CIVIL
L	LANDSCAPE
A	ARCHITECTURE
S	STRUCTURE
M	HVAC
P	PLUMBING
E	ELECTRICAL



Field & Tung Structural Engineers
1210 18th Street, NW
Third Floor
Washington, DC 20036
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 25862, EXPIRATION DATE: 02-05-2023.

PROJECT NAME:
SCHLEIGH RESIDENCE
11830 RAMSBURG ROAD
MARRIOTSVILLE, MD 21104

WINTHORPE DESIGN & BUILD, INC.
13050 WAINWRIGHT ROAD
Highland MD 20777
301-854-2092



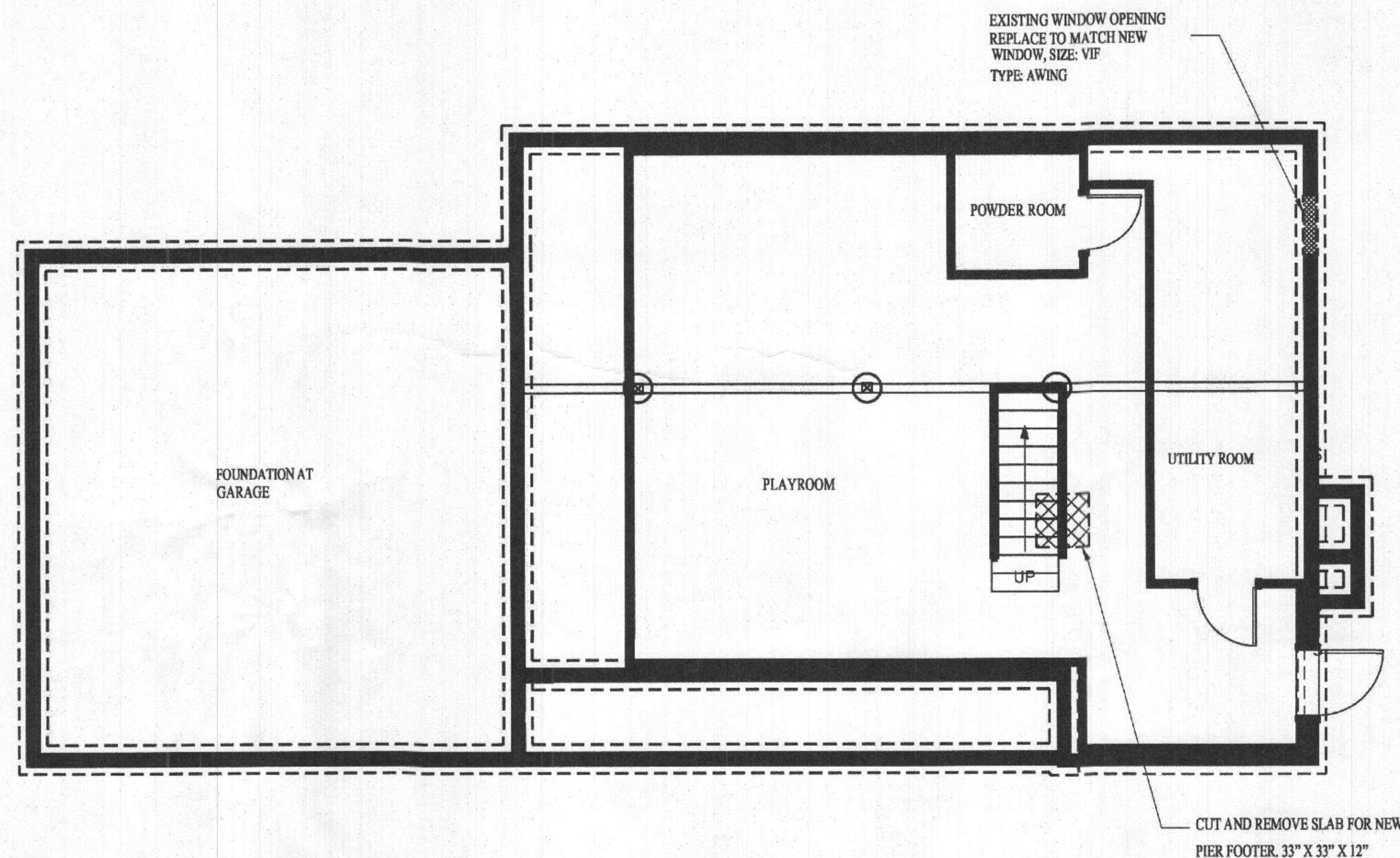
Winthorpe Design & Build

DRAWING TITLE:

NOTES, LEGENDS

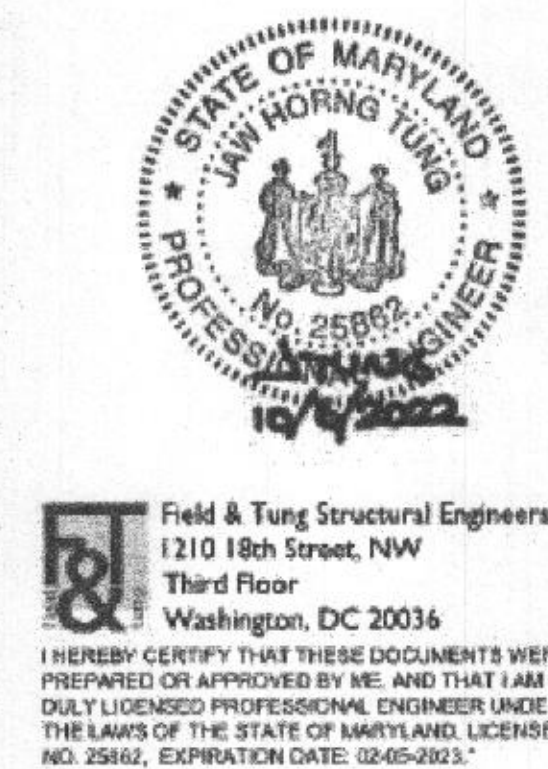
No.	Description	Date

PROJECT NUMBER
DATE
DRAWN BY
CHECKED BY
DRAWING NO. A.00
SCALE AS INDICATED



01 BASEMENT LEVEL DEMOLITION - EXISTING
Scale: 1/4" = 1'-0"

LEGEND:
DEMOLISHED AREA
EXISTING TO REMAIN



PROJECT NAME:
**SCHLEIGH
RESIDENCE**
11830 RAMSBURG ROAD
MARIOTSVILLE, MD 21104

WINTHORPE DESIGN & BUILD, INC.
13050 WAINWRIGHT ROAD
Highland MD 20777
301-854-2092



DRAWING TITLE:

**BASEMENT LEVEL
DEMOLITION
EXISTING
PLAN**

No.	Description	Date

PROJECT NUMBER
DATE
DRAWN BY
CHECKED BY
DRAWING NO. A.01
SCALE AS INDICATED

DOOR SCHEDULE					
S.NO.	DOOR NO.	SIZE	R.O.	MANUFACTURER	MATERIAL
1	D2		EXISTING		

WINDOW SCHEDULE						
S.NO.	WIN.NO.	QUANTITY	SIZE	TYPE	MANUFACTURER	SPACE
1	W1	1	WF	WS	TBD	UTILITY ROOM

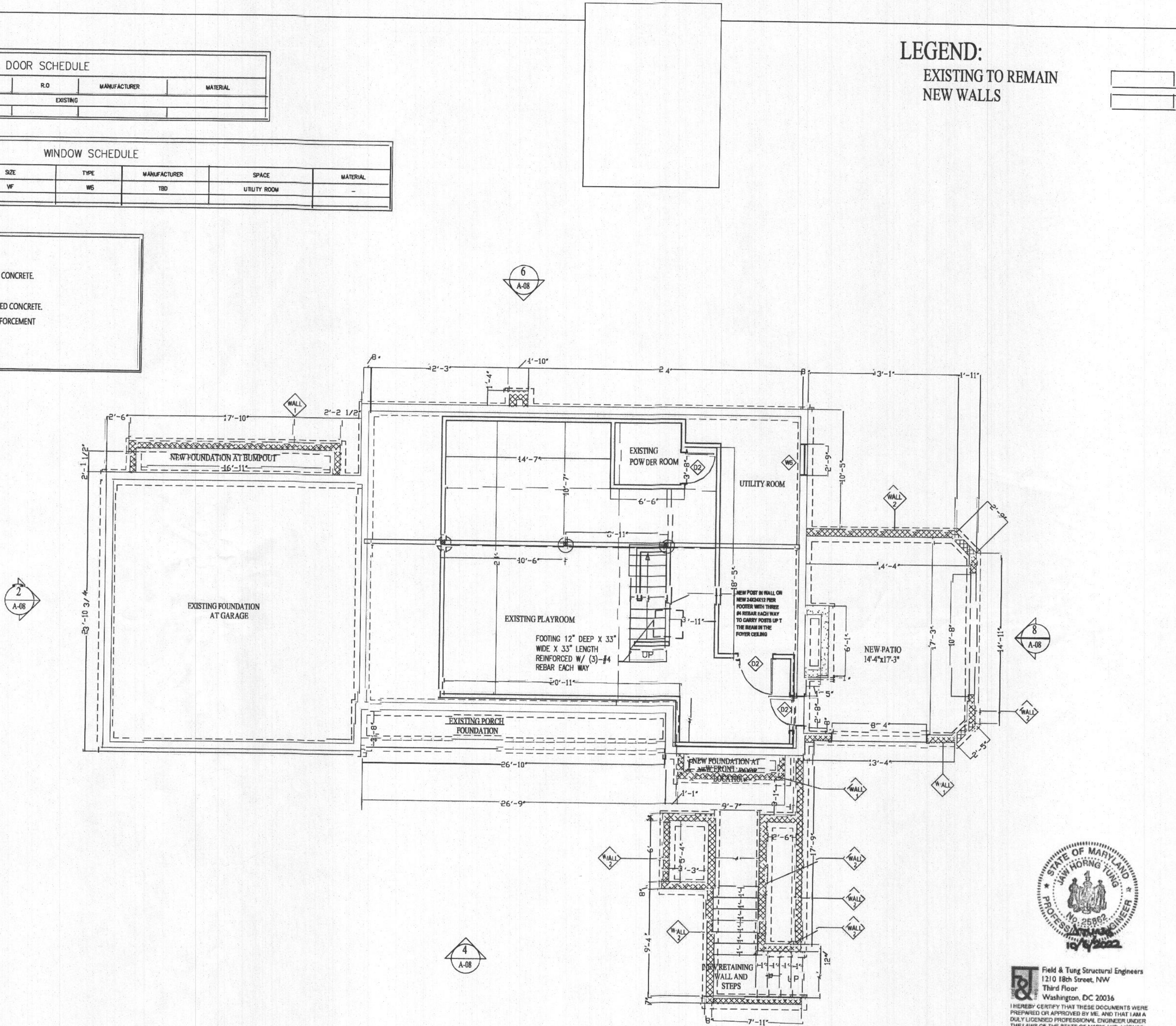
WALL TYPES

WALL 1

WALL 8" CMU (FILLED) or 8" POURED CONCRETE.

WALL 2

12" CMU (FILLED) OR 10" REINFORCED CONCRETE.
(SEE S.D1 FOR FOOTING SIZE & REINFORCEMENT REQUIREMENTS)



PROJECT NAME:

**SCHLEIGH
RESIDENCE**

11830 RAMSBURG ROAD
MARRIOTSVILLE, MD 21104

WINTHORPE DESIGN & BUILD, INC.

13050 WAINWRIGHT ROAD
Highland MD 20777
301-854-2092



DRAWING TITLE:

**BASEMENT LEVEL
FOUNDATION PLAN**

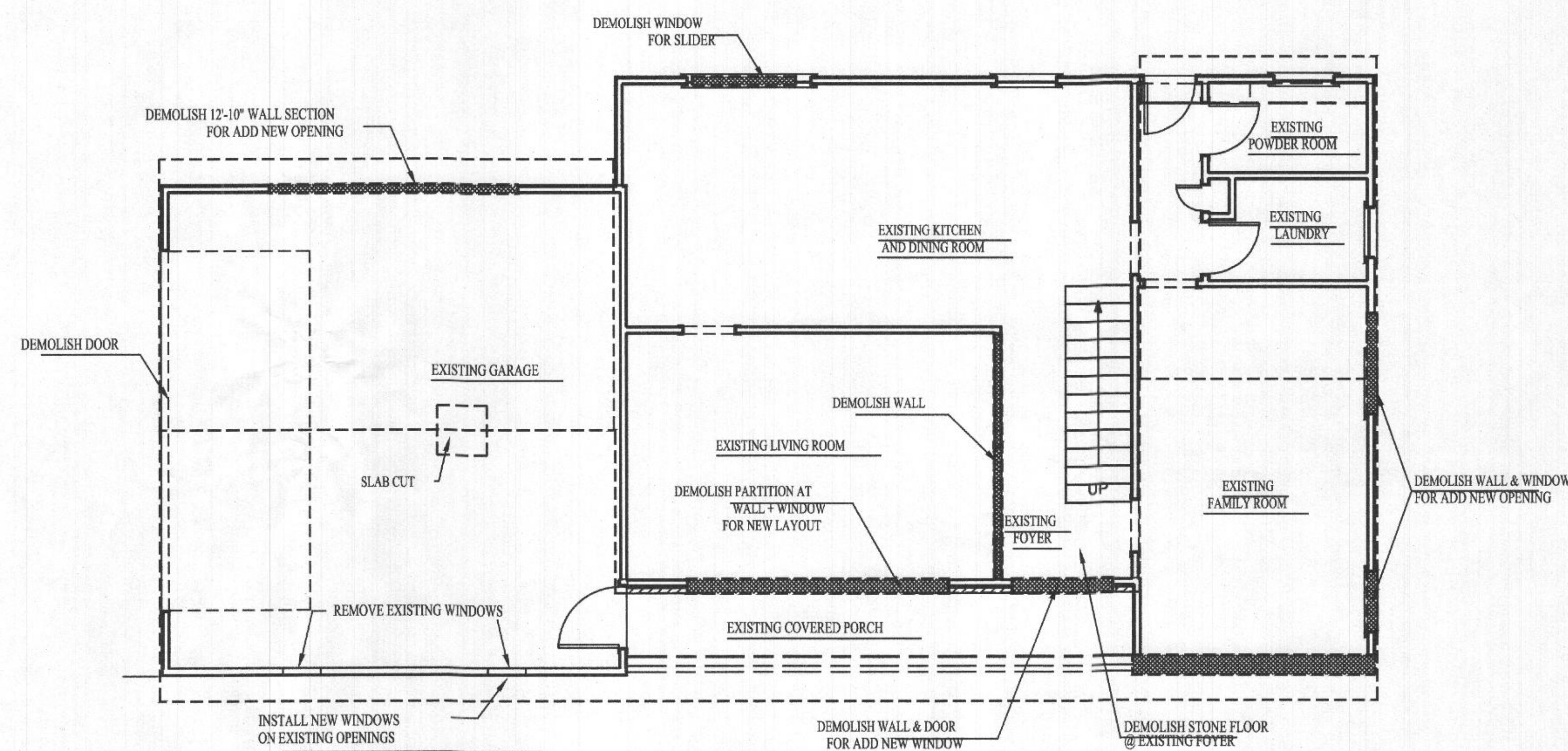
No.	Description	Date

PROJECT NUMBER
DATE
DRAWN BY
CHECKED BY
DRAWING NO.

A.02

SCALE AS INDICATED

LEGEND:
DEMOLISHED AREA
EXISTING TO REMAIN



01 MAIN LEVEL - DEMOLITION - EXISTING
Scale: 1/4" = 1'-0"


Professional Engineer Seal for Jai Horng Tung, State of Maryland, License No. 25862, dated 10/4/2022.

Field & Tung Structural Engineers
1210 18th Street, NW
Third Floor
Washington, DC 20036

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 25862, EXPIRATION DATE: 02-05-2023.

PROJECT NAME:
SCHLEIGH RESIDENCE
11830 RAMSBURG ROAD
MARRIOTSVILLE, MD 21104

WINTHORPE DESIGN & BUILD, INC.
13050 WAINWRIGHT ROAD
Highland MD 20777
301-854-2092


Winthorpe Design & Build

DRAWING TITLE:

**MAIN LEVEL
DEMOLITION - EXISTING
PLAN**

No.	Description	Date

PROJECT NUMBER

DATE

DRAWN BY

CHECKED BY

DRAWING NO.

A.03

SCALE

AS INDICATED

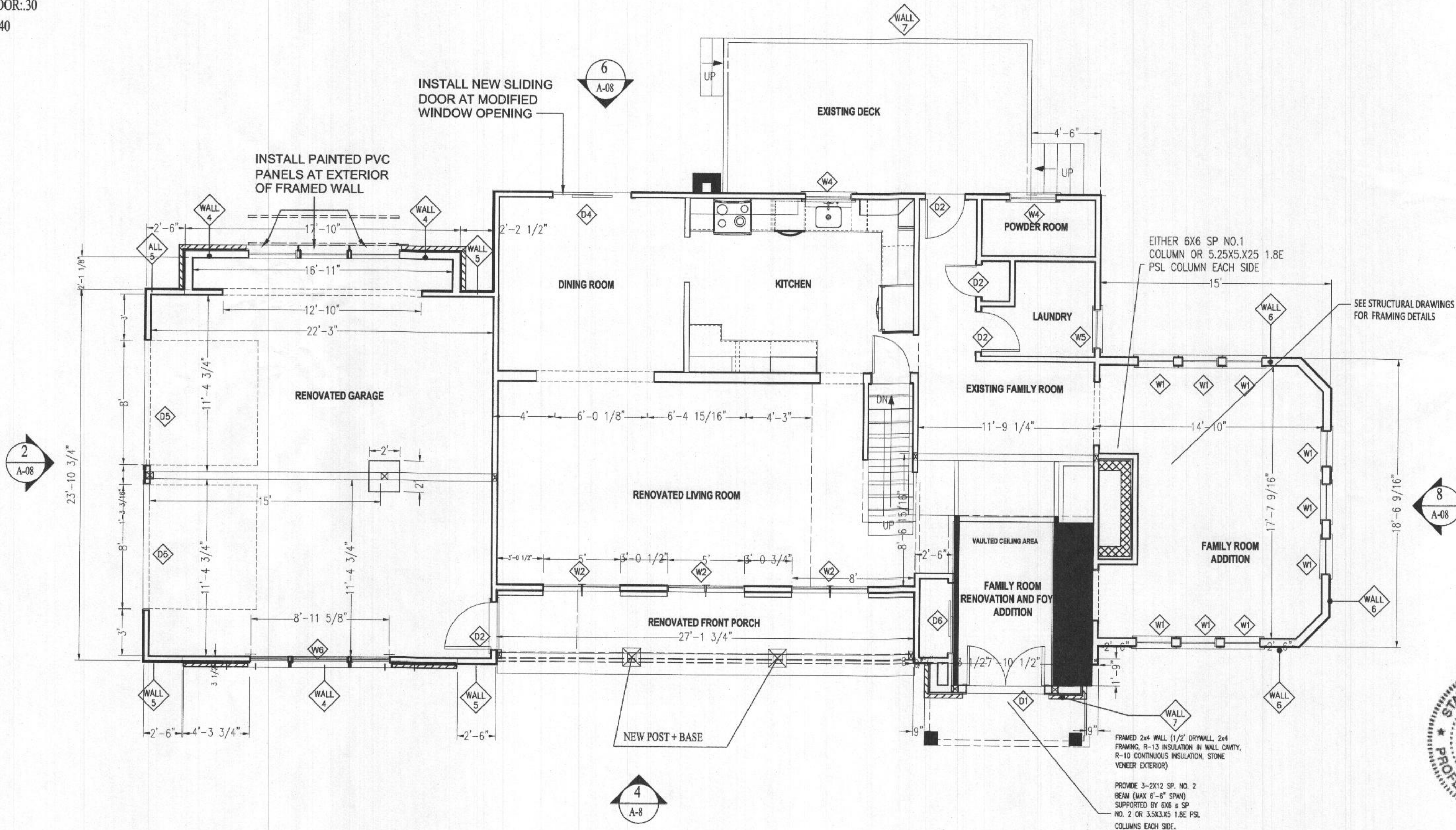
DOOR SCHEDULE					
S.NO.	DOOR NO	SIZE	R.O	MANUFACTURER	MATERIAL
1	D1	5'-0"x6'-8"	TBD	TBD	-
2	D2	-	EXISTING	-	-
3	D3	N/A	-	-	N/A
4	D4	5'-0"x6'-8"	TBD	TBD	SLIDER DOOR
5	D5	8'-0"x7'-0"	TBD	TBD	GARAGE DOOR
6	D6	4'-0"x6'-8"	TBD	TBD	BY-PASS DOOR HOLLOW CORE SMOOTH (6 PANEL INT. DOOR)

WINDOW SCHEDULE						
S.NO.	WIN NO	QUANTITY	SIZE	TYPE	MANUFACTURER	SPACE
1	W1	9	2'-4"x6'	D.H	TBD	FAMILY ROOM
2	W2	3	TWIN 2'-6"x3'-8" OVER TWIN 2'-6"x2'-6" (FIXED/TEMPERED)	D.H	TBD	LIVING ROOM (LOW-E)
3	W3	2	2'-6"x4'-6"	D.H	TBD	GARAGE
4	W4	2	WF	D.H	TBD	KITCHEN & POWDER ROOM
5	W5	1	WF	D.H	TBD	LAUNDRY
6	W6	1	-	-	-	-

NOTE:
• U-FACTOR FOR WINDOWS AND DOOR:.30
• SHGC FOR WINDOWS AND DOOR:.40

LEGEND:
EXISTING TO REMAIN
NEW WALLS

- WALL TYPES
- WALL 4: FRAMED 2X4 WALL (5/8" TYPE-X DRYWALL, 2X4 FRAMING, STONE VENEER EXTERIOR)
 - WALL 5: FRAMED 2X4 WALL (5/8" TYPE-X DRYWALL, 2X4 FRAMING, CLIENT SELECTED BOARD & BATTEN VINYL SIDING)
 - WALL 6: FRAMED 2X4 WALL (1/2" DRYWALL, 2X4 FRAMING, R-10 CONTINUOUS INSULATION, R-13 IN WALL CAVITY CLIENT SELECTED BOARD & BATTEN VINYL SIDING)
 - WALL 7: FRAMED 2x4 WALL (1/2" DRYWALL, 2x4 FRAMING, R-13 INSULATION IN WALL CAVITY, R-10 CONTINUOUS INSULATION, STONE VENEER EXTERIOR)



Field & Tung Structural Engineers
1210 18th Street, NW
Third Floor
Washington, DC 20036
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 25862, EXPIRATION DATE: 02-05-2025.

01 FIRST FLOOR PLAN

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

PROJECT NAME:
SCHLEIGH RESIDENCE
11830 RAMSBURG ROAD
MARRIOTSVILLE, MD 21104

WINTHORPE DESIGN & BUILD, INC.
13050 WAINWRIGHT ROAD
Highland MD 20777
301-854-2092



DRAWING TITLE:
FIRST FLOOR PLAN

No.	Description	Date

PROJECT NUMBER
DATE
DRAWN BY
CHECKED BY
DRAWING NO. A.04
SCALE AS INDICATED

LEGEND:
DEMOLISHED AREA
EXISTING TO REMAIN

PROJECT NAME:
**SCHLEIGH
RESIDENCE**
11830 RAMSBURG ROAD
MARRIOTSVILLE, MD 21104

WINTHORPE DESIGN & BUILD, INC.
13050 WAINWRIGHT ROAD
Highland MD 20777
301-854-2092



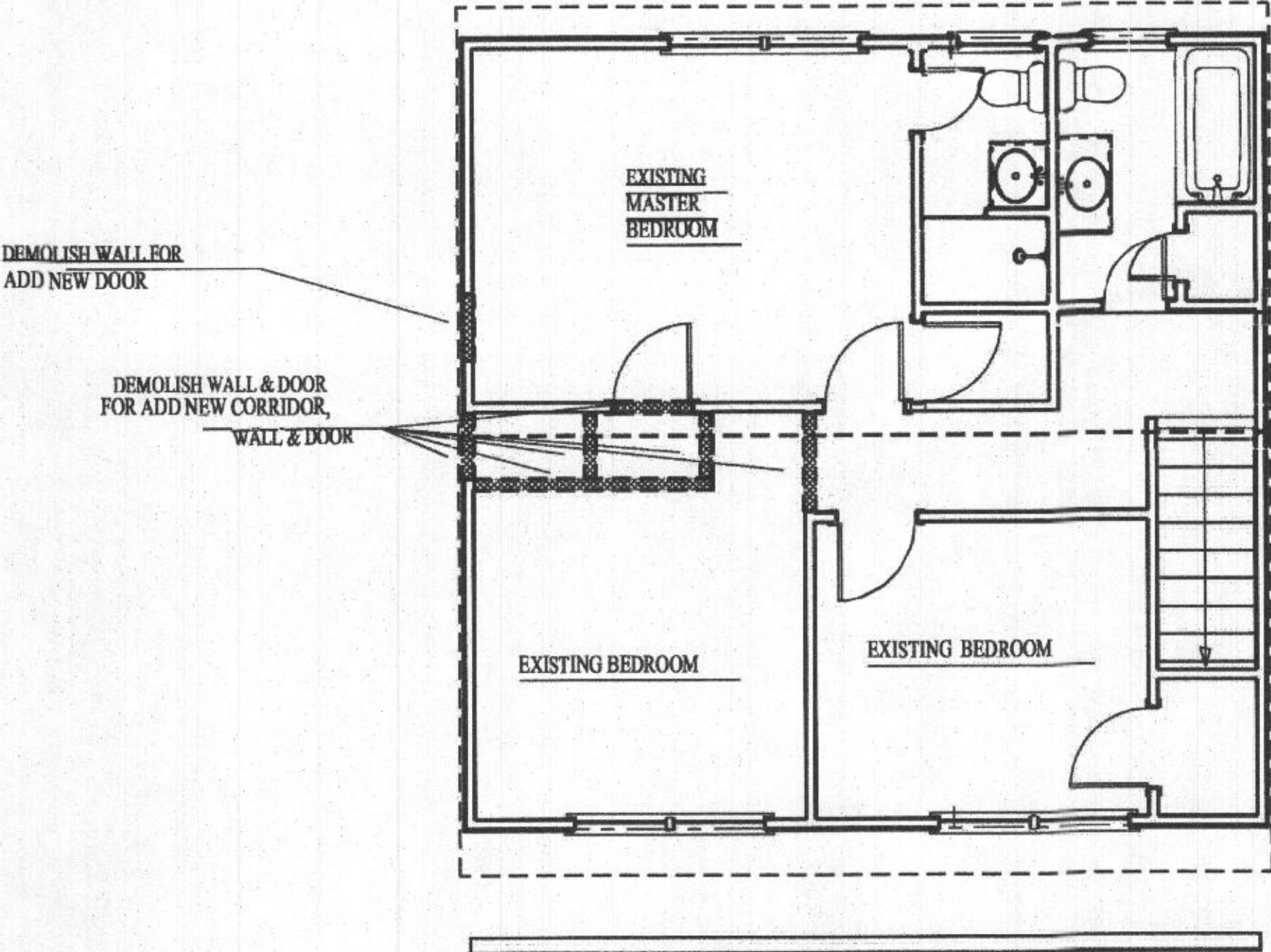
DRAWING TITLE:

**SECOND LEVEL
DEMOLITION - EXISTING
PLAN**

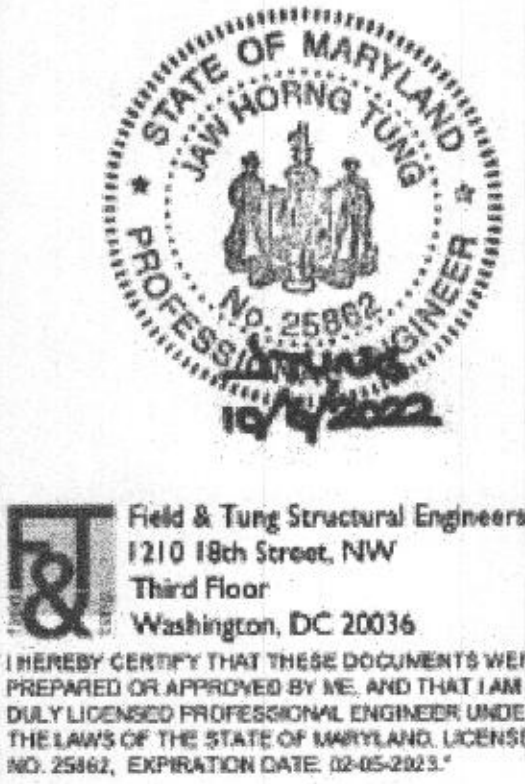
No.	Description	Date

PROJECT NUMBER
DATE
DRAWN BY
CHECKED BY

DRAWING NO. A.05
SCALE AS INDICATED



01 **SECOND LEVEL - DEMOLITION - EXISTING**
Scale: 1/4" = 1'-0"






DOOR SCHEDULE					
S.NO.	DOOR NO.	SIZE	R.O.	MANUFACTURER	MATERIAL
1	D2	EXISTING			
2	D6	3'-0"x6'-8"	TBD	TBD	6 PANEL HOLLOW CORE SMOOTH (POCKET DOOR)
3	D7	2'-6"x6'-8"	TBD	TBD	6 PANEL HOLLOW CORE SMOOTH (R.H. DOOR)
4	D8	2'-6"x6'-8"	TBD	TBD	6 PANEL HOLLOW CORE SMOOTH (L.H. DOOR)
5	D9	2'-0"x6'-8"	TBD	TBD	6 PANEL HOLLOW CORE SMOOTH (R.H. DOOR)
6	D10	2'-0"x6'-8"	TBD	TBD	TEMPERED GLASS (R.H. DOOR)
7	D11	3'-6" DOUBLE SLAB	TBD	TBD	6 PANEL HOLLOW CORE SMOOTH
8	D12	3'-0" DOUBLE SLAB	TBD	TBD	6 PANEL HOLLOW CORE SMOOTH

WINDOW SCHEDULE							
S.NO.	WIN.NO.	QUANTITY	SIZE	TYPE	MANUFACTURER	SPACE	MATERIAL
1	W7	2	3'-0"x5'-0"	D.H.	TBD	MASTER BED ROOM	6 OVER 6 LOW-E
2	W8	2	2'-6"x4'-6" (CASEMENT 1L1R) OVER 2'-6"x2'-0" FIXED (TEMPERED)	-	TBD	MASTER BED ROOM	12 LIGHT OVER 6 LIGHT LOW-E
3	W9	1	3'-9"x4'-6" (FIXED OVER TEMPERED) 3'-9"x2'-0" FIXED	-	TBD	MASTER BED ROOM	16 LIGHT OVER 8 LOW-E
4	W10	1	TRIPLE GANG 2'-0"x4'-6" (4 OVER 4 TEMPERED LOW-E) 3'-0"x4'-6" (6 OVER 6 TEMPERED LOW-E) 2'-0"x4'-6" (4 OVER 4 TEMPERED LOW-E)	D.H.	TBD	MASTER BATH ROOM	-
5	W11	1	2'-0"x2'-0" (CENTER CIRCLE)	-	TBD	-	4 SPOKE LOW-E
6	W12	3	DOUBLE GANG VF	D.H.	TBD	BED ROOM	6 LIGHT OVER 6 LIGHT LOW-E
7	W13	2	VF	D.H.	TBD	BATHS	6 OVER 6 LOW-E
8	W14	2	10' X4'-8" FIXED FOUR LITE TEMPERED FIXED	D.H.	TBD	MASTER TUB	

NOTE: ALL WINDOWS TEMPERED LOW-E

LEGEND:
EXISTING TO REMAIN
NEW WALLS

WALL TYPES	
	FRAMED 2X4 WALL (1/2" DRYWALL, 2X4 FRAMING, R-10 CONTINUOUS INSULATION, R-13 IN WALL CAVITY CLIENT SELECTED BOARD & BATTEN VINYL SIDING)
	FRAMED 2X4 WALL (1/2" DRYWALL, 2X4 FRAMING, R-10 CONTINUOUS INSULATION R-13 IN WALL CAVITY STONE VENEER EXTERIOR)
	FRAMED 2X4 WALL (1/2" DRYWALL, 2X4 FRAMING, 1/2" DRYWALL)

PROJECT NAME:
**SCHLEIGH
RESIDENCE**
11830 RAMSBURG ROAD
MARRIOTSVILLE, MD 21104

WINTHORPE DESIGN & BUILD, INC.
13050 WAINWRIGHT ROAD
Highland MD 20777
301-854-2092



DRAWING TITLE:

SECOND FLOOR PLAN

No.	Description	Date

PROJECT NUMBER

DATE

DRAWN BY

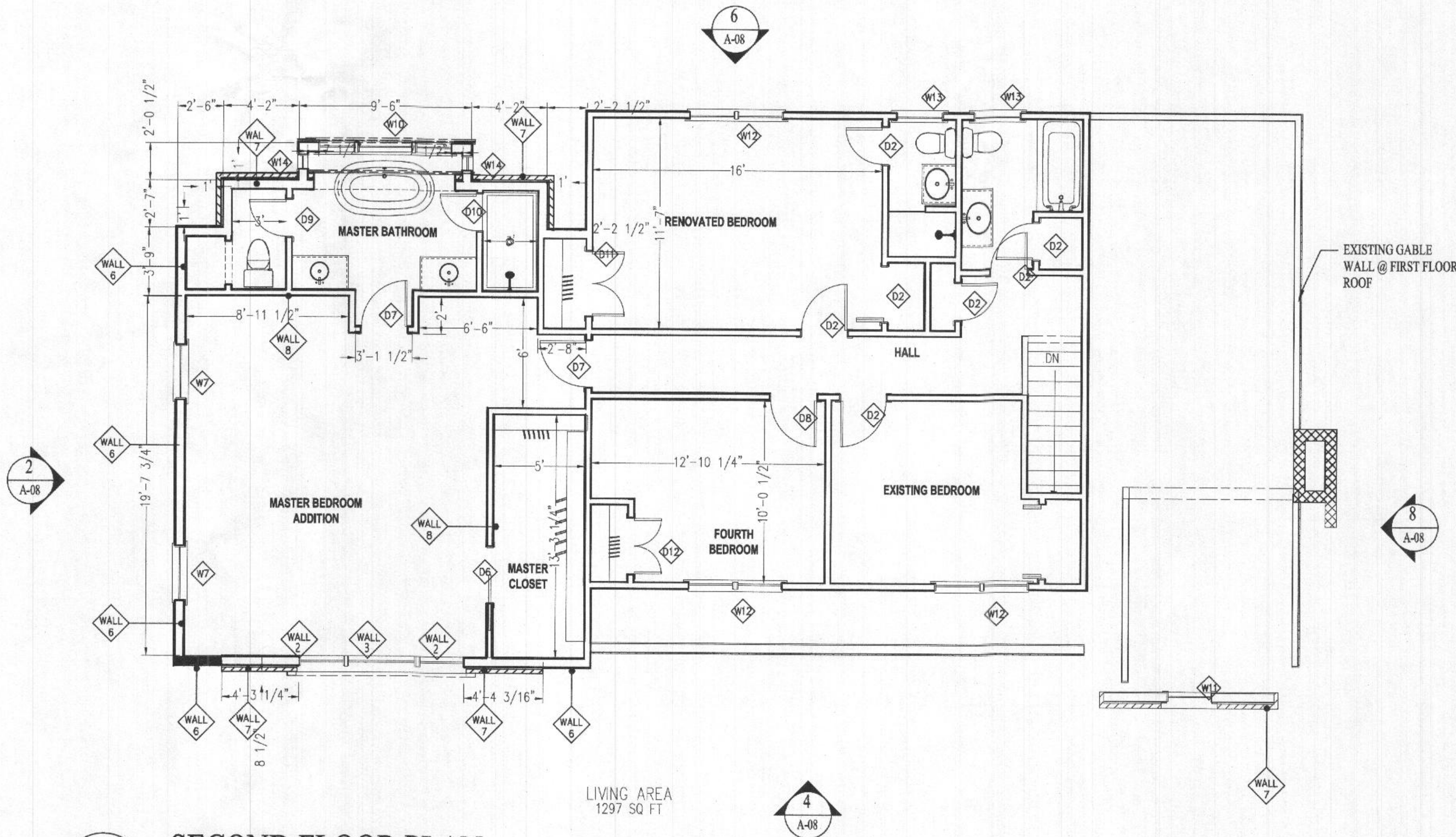
CHECKED BY

DRAWING NO.

A.06

SCALE

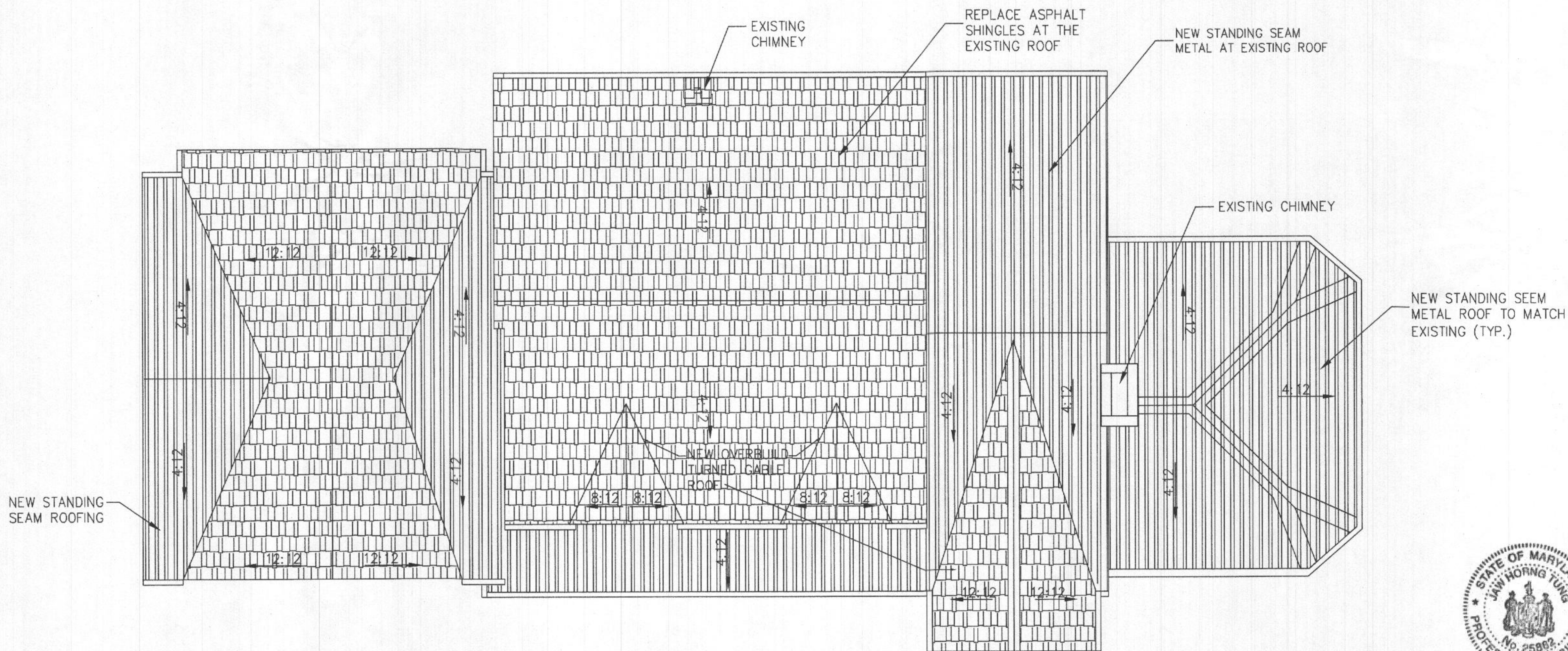
AS INDICATED



Field & Tung Structural Engineers
1210 18th Street, NW
Third Floor
Washington, DC 20036
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE
PREPARED OR APPROVED BY ME, AND THAT I AM A
DULY LICENSED PROFESSIONAL ENGINEER UNDER
THE LAWS OF THE STATE OF MARYLAND, LICENSE
NO. 25862, EXPIRATION DATE: 02-05-2023.

01 **SECOND FLOOR PLAN**
Scale: 1/4" = 1'-0"

LIVING AREA
1297 SQ. FT.



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



Field & Tung Structural Engineers
1210 18th Street, NW
Third Floor
Washington, DC 20036
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND LICENSE NO. 25982, EXPIRATION DATE: 10/05/2023.

PROJECT NAME:
SCHLEIGH RESIDENCE
11830 RAMSBURG ROAD
MARRIOTSVILLE, MD 21104

WINTHORPE DESIGN & BUILD, INC.
13050 WAINWRIGHT ROAD
Highland MD 20777
301-854-2092



DRAWING TITLE:

ROOF PLAN

No.	Description	Date

PROJECT NUMBER

DATE

DRAWN BY

CHECKED BY

DRAWING NO.

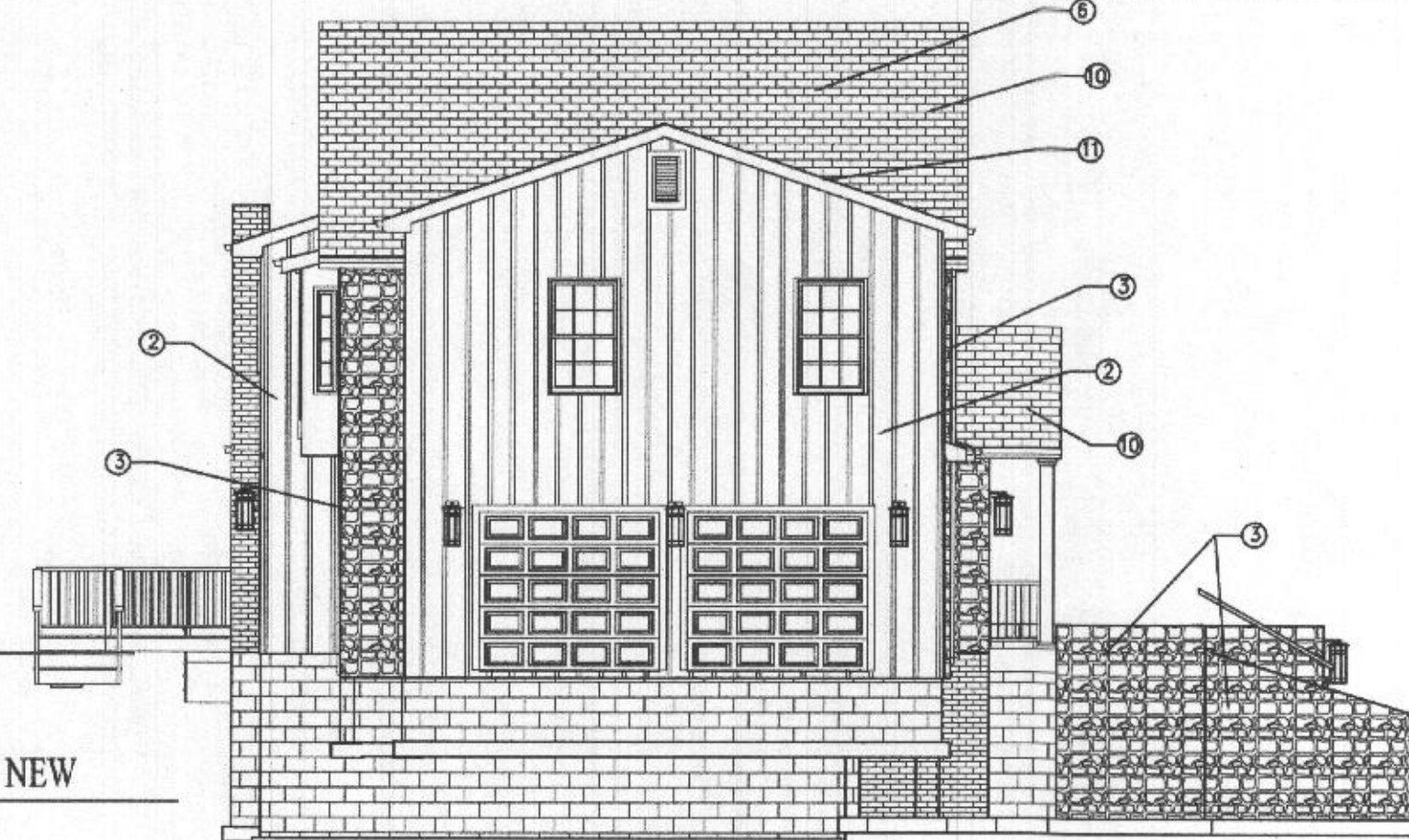
A.07

SCALE

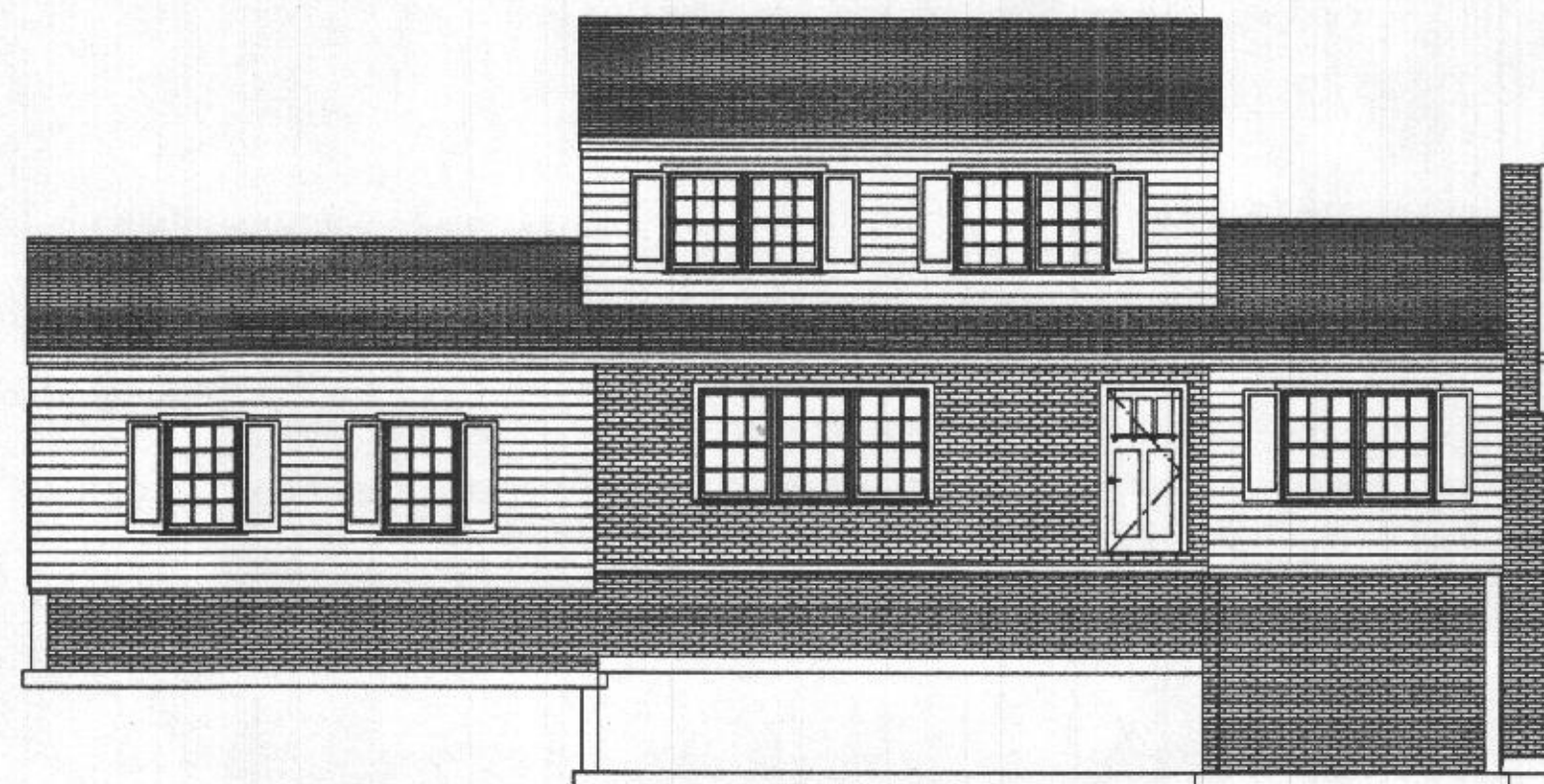
AS INDICATED



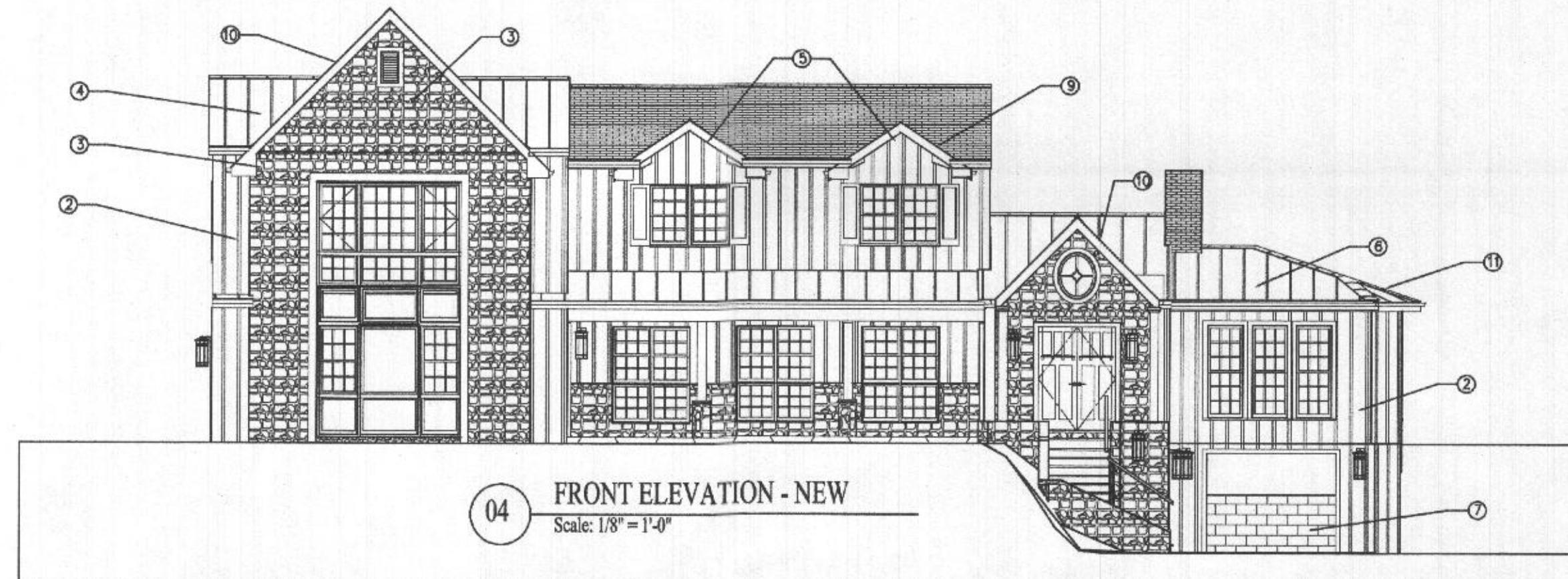
01 LEFT ELEVATION - EXISTING
Scale: 1/8" = 1'-0"



02 LEFT ELEVATION - NEW
Scale: 1/8" = 1'-0"



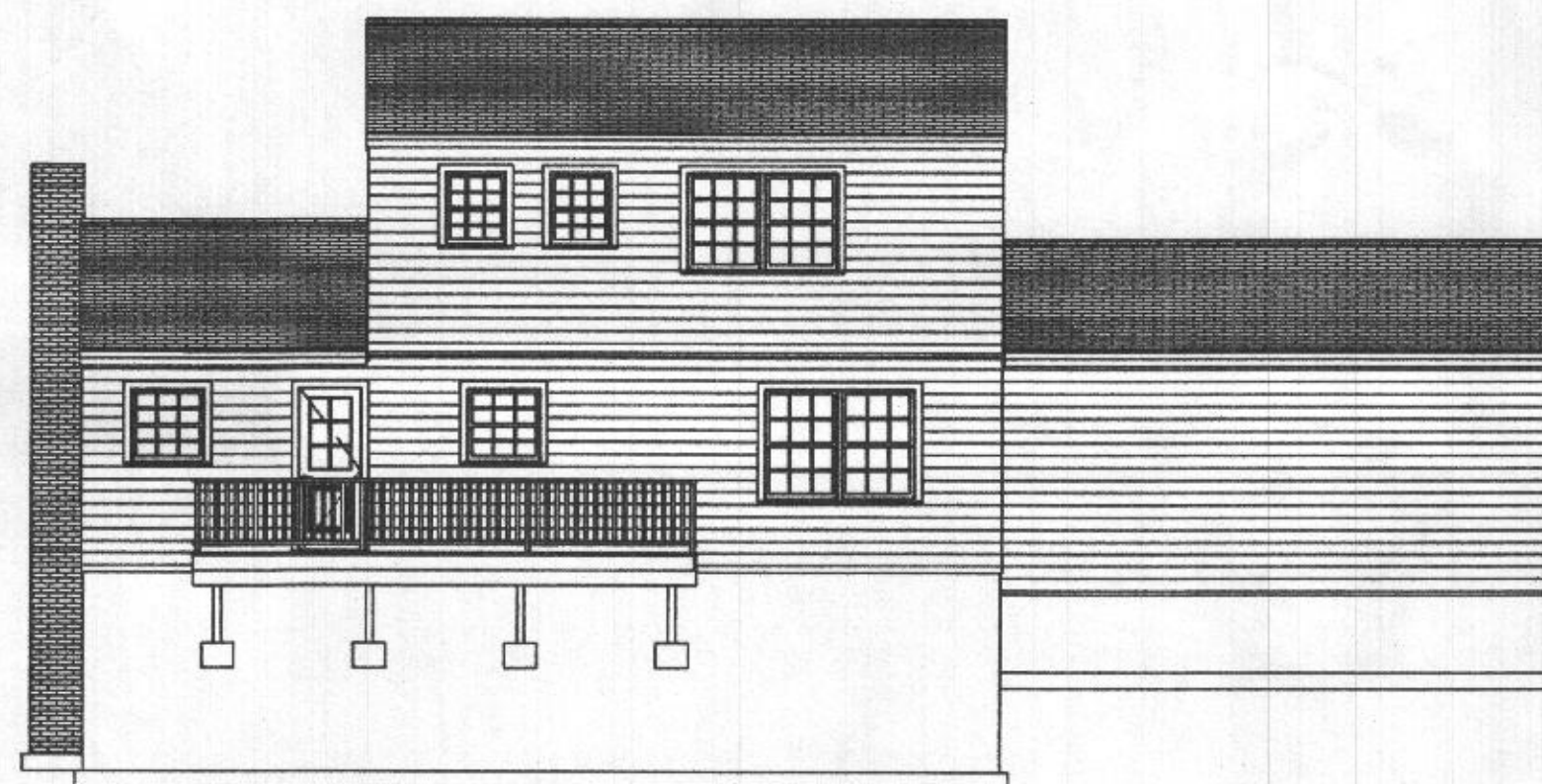
03 FRONT ELEVATION - EXISTING
Scale: 1/8" = 1'-0"



04 FRONT ELEVATION - NEW
Scale: 1/8" = 1'-0"



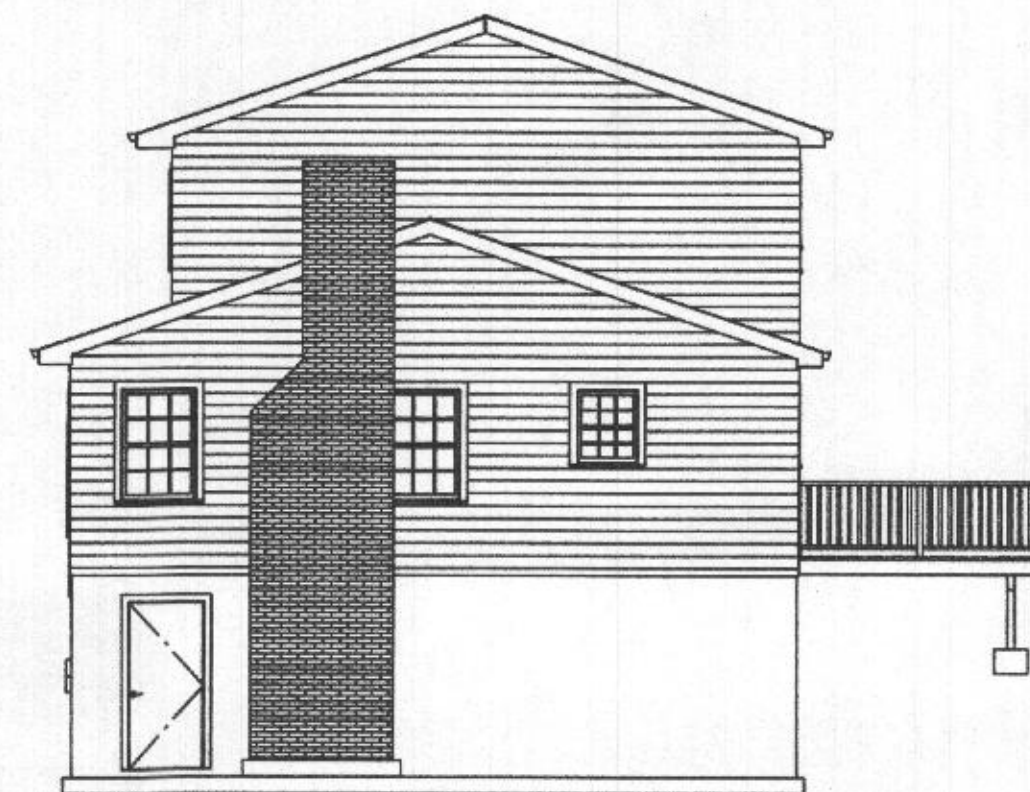
Field & Tung Structural Engineers
1210 18th Street, NW
Third Floor
Washington, DC 20036
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 25862, EXPIRATION DATE: 02-05-2023.



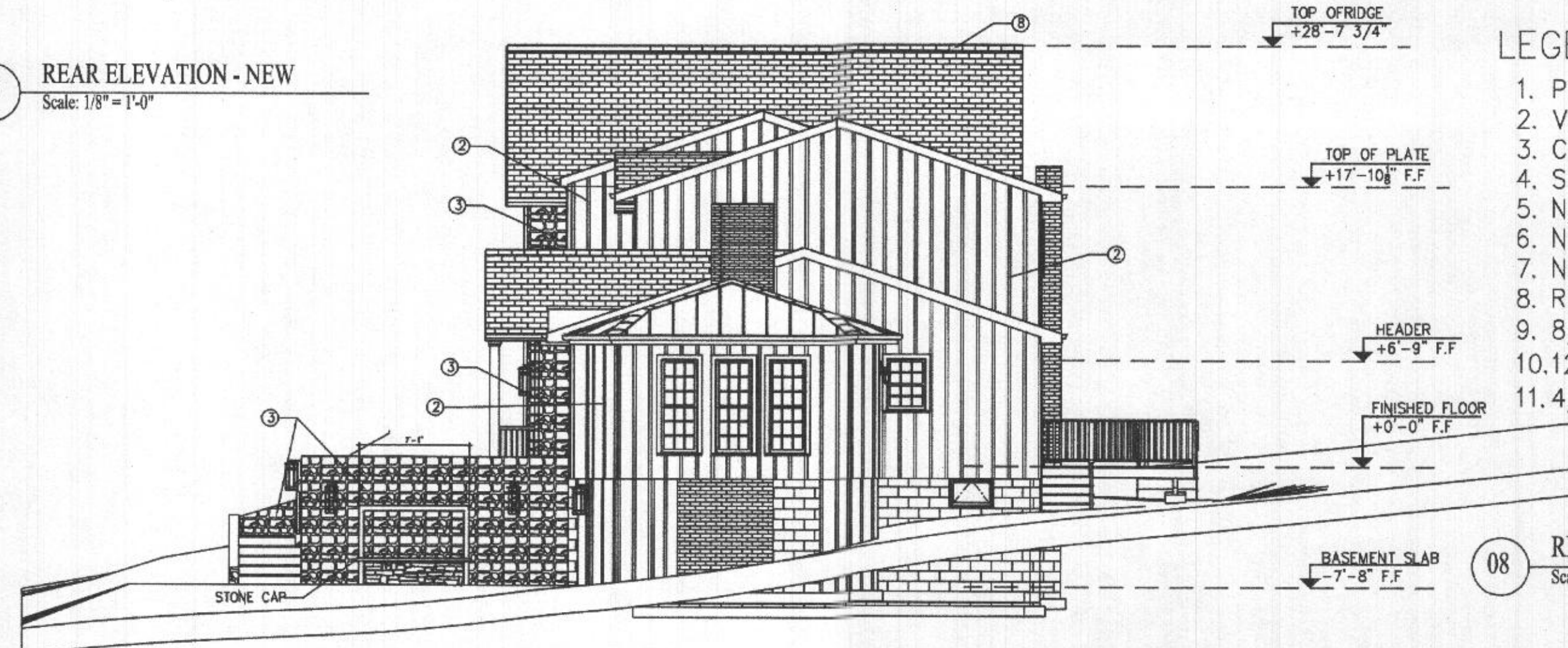
05 REAR ELEVATION - EXISTING
Scale: 1/8" = 1'-0"



06 REAR ELEVATION - NEW
Scale: 1/8" = 1'-0"



07 RIGHT SIDE ELEVATION - EXISTING
Scale: 1/8" = 1'-0"



LEGEND:

1. PAINTED VINYL PANEL
2. VINYL BOARD + BATTEN
3. CUT STONE
4. STANDING SEAM METAL ROOF
5. NEW OVER BUILD DORMER
6. NEW ASPHALT DIMENSIONAL SHINGLE
7. NEW OPEN PORCH BELOW FAMILY ROOM
8. RIDGE
9. 8/12 PITCH
10. 12/12 PITCH
11. 4/12 PITCH

08 RIGHT SIDE ELEVATION - NEW
Scale: 1/8" = 1'-0"

PROJECT NAME:
**SCHLEIGH
RESIDENCE**
11830 RAMSBURG ROAD
MARRIOTSVILLE, MD 21104

WINTHORPE DESIGN & BUILD, INC.
13050 WAINWRIGHT ROAD
Highland MD 20777
301-854-2092



DRAWING TITLE:

ELEVATIONS

No.	Description	Date

PROJECT NUMBER

DATE

DRAWN BY

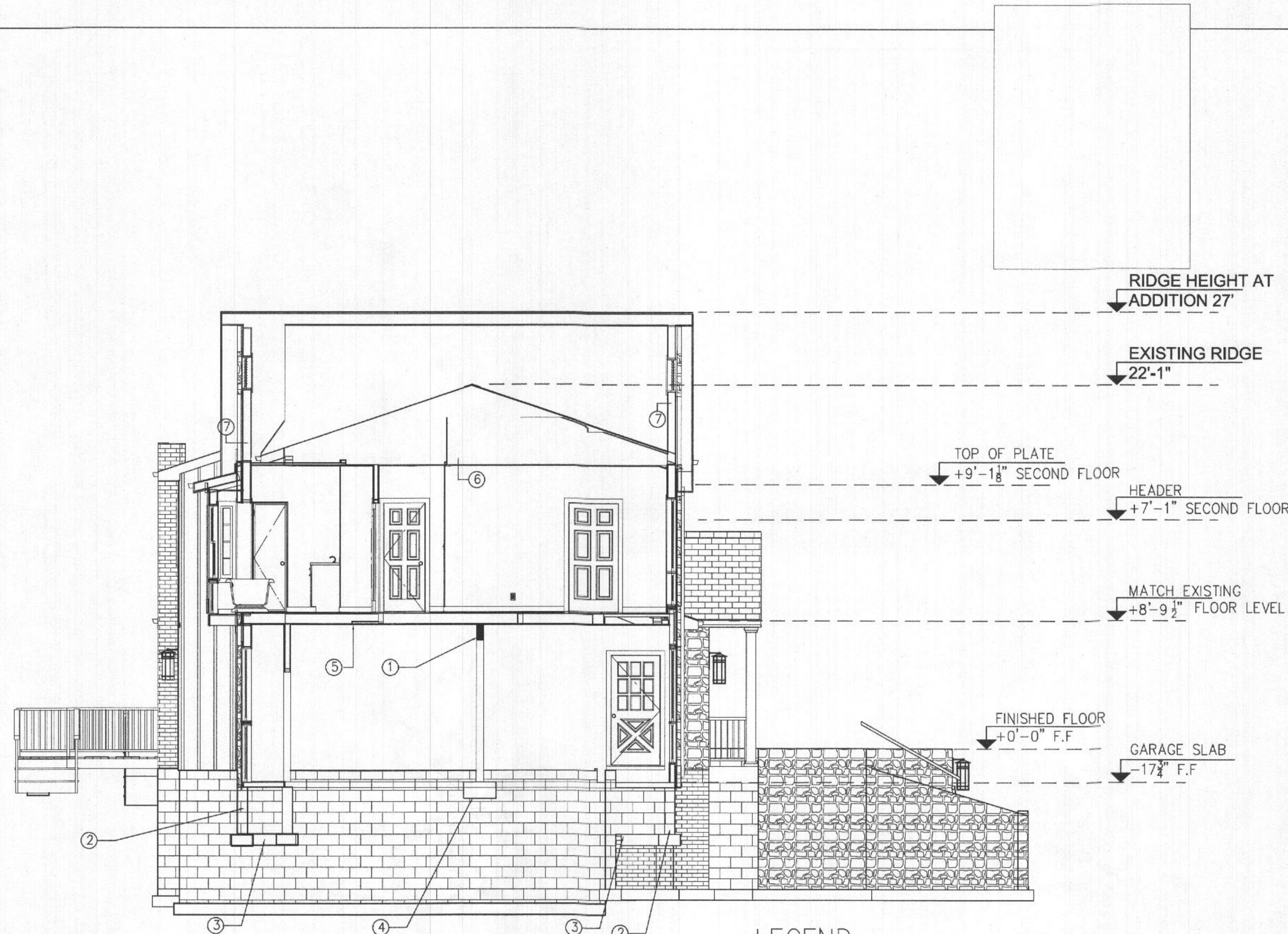
CHECKED BY

DRAWING NO.

A.08

SCALE

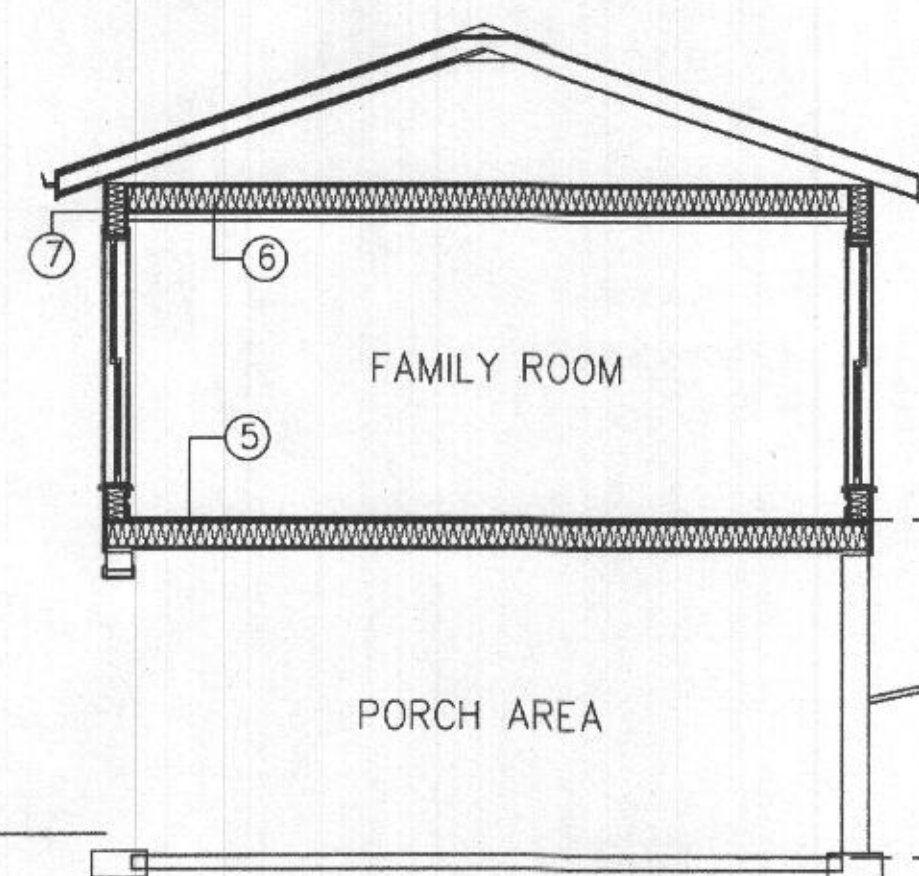
AS INDICATED



01 MASTER BED ROOM SECTION
Scale: 1/4" = 1'-0"

LEGEND:

1. 3) 1 3/4"x12" LVL
2. NEW BUMP OUT FOUNDATION
3. EXISTING FOOTER & WALLS
4. NEW FOOTER + POST
5. INSTALL SPRAYFOAM INSULATION IN THE FLOOR TO MEET R-19 INSULATION CODE
6. INSTALL SPRAYFOAM INSULATION IN THE CEILING TO MEET R-60 INSULATION CODE
7. INSTALL R-13 FIBERGLASS BATT INSULATION IN THE NEW EXTERIOR WALLS AND R-10 C.I. ON THE EXTERIOR SIDE OF THE NEW WALLS PER CODE



02 FAMILY ROOM SECTION
Scale: 1/8" = 1'-0"



Field & Tung Structural Engineers
1210 18th Street, NW
Third Floor
Washington, DC 20036
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE
PREPARED OR APPROVED BY ME, AND THAT I AM A
DULY LICENSED PROFESSIONAL ENGINEER UNDER
THE LAWS OF THE STATE OF MARYLAND, LICENSE
NO. 25592, EXPIRATION DATE: 02-05-2023.

PROJECT NAME:
**SCHLEIGH
RESIDENCE**
11830 RAMSBURG ROAD
MARRIOTSVILLE, MD 21104

WINTHORPE DESIGN & BUILD, INC.
13050 WAINWRIGHT ROAD
Highland MD 20777
301-854-2092



DRAWING TITLE:

SECTIONS

No.	Description	Date

PROJECT NUMBER

DATE

DRAWN BY

CHECKED BY

DRAWING NO.

A.09

SCALE

AS INDICATED



PROJECT NAME:
**SCHLEIGH
RESIDENCE**
11830 RAMSBURG ROAD
MARRIOTSVILLE, MD 21104

WINTHORPE DESIGN & BUILD, INC.
13050 WAINWRIGHT ROAD
Highland MD 20777
301-854-2092



DRAWING TITLE:

FRONT RENDERING

No.	Description	Date

PROJECT NUMBER
DATE
DRAWN BY
CHECKED BY
DRAWING NO. A.10
SCALE AS INDICATED