Menu Save Reset Cancel Help

DILP did not include, needs to be entered into our Accela. gb 12/1/23

Entered. Assigned to RSF. gb 12/4/23

Approved 12/12/2023

Record Detail * *(This section is required.)*

Permit Type	Permit Number	Opened Date
Building/Residential/Alteration/SFD	B23004263	10/23/2023

Description of Work

SFD/ WHOLE HOUSE RENOVATION: 1ST FL. STAIRS: DEMOLISH & RELOCATE EXISTING INTERIOR STAIRS REFRAME THE SLAB AND STAIRS, KITCHEN REMODEL, MOVE BATH, ADD A NEW BATH, COMBINE (2) EXISTING BEDROOMS INTO (1) MASTER SUITE, REMOVE (1) LOAD-BEARING WALL BETWEEN KITCHEN & DINING ROOM, OPEN PARTIAL OF THE LIVING RM CEILING WITH NEW ROOF BASEMENT: ENLARGE EXISTING BATHRM, RELOCATE EXISTING LAUNDRY AND DRYER, RE-CONFIGURE THE RECREATION AREA, AND ADD (2) BEDROOMS, AND RE-FINISH THE WHOLE AREA.**FIRE PROTECTION PERMIT REQUIRED** Demolitioning kitchen in basement.

check spelling

Address * *(This section is required.)*

Search Reset Clear Get Parcel & Owner

Street #	Street Name	Street Type
13001	TRIADELPHIA MILL	RD

Unit Type	Unit #	X Coordinate	Y Coordinate
--Select--		-76.96583	39.21247

City	State	Zip Code	Primary
CLARKSVILLE	MD	21029	Yes

Parcel * *(This section is required.)*

Search Reset Clear Get Address & Owner

GIS ID *	Parcel	Parcel Area	Land Value	Improved Value	Exemption Value	Plan Area
869041	147	2	275000	404300	129300	RURAL

Legal Description

IMPS2 A[ ]13001 TRIADELPHIA MILL R[ ]CLARKSVILLE

check spelling

Block	Lot	Census Tract	Council Dist	Inspection Dist	Supervisor Dist	Map #	DAP Zone
		605101	5				

Plan Area	State Tax Id	Subdivision Name
	1405341736	

Section	Area	Tax Map
		34

Grid	Zoning District	ADC Map
34-4	RR-DEO	4933-F7

SDP No.	Final Plan No.	WP File No.

Record Plat No.	WS Contract No.	FDP No.	Primary
			Yes

Owner Occupied	Year Built	Historic District
○ Yes ○ No	1948	○ Yes ◉ No

Historic District Registry No.	Stat Area	Flood Plain
	5-04A	○ Yes ◉ No

Building No

Owner *(This section is not required.)*

Search Reset Clear

Name *
Yun Jin Gao, Yan Cao

Address Line 1
13001 TRIADELPHIA MILL RD

Address Line 2

Address Line 3

Mail City	Mail State	Mail Zip Code
CLARKSVILLE	MD	21029

Phone	Primary
917-743-8552	Yes

E-mail
yungao1988@gmail.com

Cell Number	Fax Number
9173709029	

Professionals *(This section is not required.)*

License # *
Business Name

License Type *
--Select--
First Name
Middle Name
Last Name

Primary
Yes
Address Line 1

Address Line 2

City
State
ZIP Code

Phone 1
Phone 2
Fax

E-mail

Applicant *(This section is not required.)*

Search | As Owner | As Lic. Prof | As Contact

Type *
Applicant
First Name: Yu
MI
Last Name: Ouyang

Relationship
Applicant
Full Name
Yu Ouyang

Primary
No
Organization Name
Yu Architecture LLC

Street Address
6617 Locust Street

Address Line 2

City
Falls Church
State
VA
Zip Code
22046

Phone
3146601688
Cell
Fax

E-mail *
yuarchllc@gmail.com

Contact *(This section is not required.)*

Search | As Owner | As Lic. Prof | As Contact

Type
Contact
First Name: Yu
MI
Last Name: Zhang

Relationship
Licensed Professional
Full Name
Yu Zhang

Primary
Yes
Organization Name
Yu Architecture LLC

Street Address
6617 Locust Street

Address Line 2

City
Falls Church
State
VA
Zip Code
22046

Phone
703-618-8668
Cell
Fax

E-mail
yuarchllc@gmail.com

Addtl Info

Est Construction Cost *
150000

Housing Units *
0

Number of Buildings *
0

Public Owned
No

Construction Type
434 - Additions, Alterations and Conversions - Residential

Execute Expression "Run expression exception, please contact agency administrator." error:

RESIDENTIAL ALTERATION INFO

RESIDENTIAL ALTERATION INFORMATION

Total Square Footage *	No of Stories *	Basement	Bedrooms	Full Baths	Half Baths	Water *	Sewage *
2680 SQFT	2	Partially Finished	2	1	0	Private	Private

Existing Utilities *	Existing Heating System *	Existing Sprinkler System *	Type of New Fireplace	Expiration Date	Fee Exempt *

Approved 2/15
B23CC4263
12/11/2023

13001 Triadelphia Mill Rd

CLARKSVILLE, MD 21029

INTERIOR RENOVATION CONSTRUCTION DOCUMENT
ISSUE FOR PERMIT
09/11/2023

DRAWING INDEX

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S-004	EXIST. ROOF FRAMING PLAN	10/09/2023	
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ABBREVIATIONS

ELEC	ELECTRICAL	ELEC	ELECTRICAL	&	AND	&	AND
EMBED	EMBEDDED(DING)	EMBED	EMBEDDED(DING)	ACCESS	ACCESSORY	ACCSS	ACCESSORY
ENGR	ENGINEER(ED)	ENGR	ENGINEER(ED)	ACOUS	ACOUSTIC(AL)	ACOUS	ACOUSTIC(AL)
ENTR	ENTRANCE	ENTR	ENTRANCE	AFF	ABOVE FINISHED FLOOR	AFF	ABOVE FINISHED FLOOR
EQ	EQUAL	EQ	EQUAL	AL	ALUMINUM	AL	ALUMINUM
EQUIP	EQUIPMENT	EQUIP	EQUIPMENT	ALT	ALTERNATE	ALT	ALTERNATE
EXIST	EXISTING	EXIST	EXISTING	ANNUNC	ANNUNCIATOR	ANNUNC	ANNUNCIATOR
EXP JT	EXPANSION JOINT	EXP JT	EXPANSION JOINT	ANOD	ANODIZED	ANOD	ANODIZED
EXPS	EXPOSED(ED)	EXPS	EXPOSED(D)	APPL	APPLIANCE	APPL	APPLIANCE
EXT	EXTERIOR	EXT	EXTERIOR	ARCH	ARCHITECTURAL	ARCH	ARCHITECTURAL
				AUTO	AUTOMATIC	AUTO	AUTOMATIC
FAB	FABRICATION	FAB	FABRICATION	AVG	AVERAGE	AVG	AVERAGE
FD	FLOOR DRAIN	FD	FLOOR DRAIN				
FE	FIRE EXTINGUISHER	FE	FIRE EXTINGUISHER	BD	BOARD	BD	BOARD
FE&C	FIRE EXTINGUISHER AND CABINET	FE&C	FIRE EXTINGUISHER AND CABINET	BLDG	BUILDING	BLDG	BUILDING
FHC	FIRE HOSE AND CABINET	FHC	FIRE HOSE AND CABINET	BLKG	BLOCKING	BLKG	BLOCKING
FIN	FINISH	FIN	FINISH	BOLLD	BOLLARD	BOLLD	BOLLARD
FLDG	FOLDING	FLDG	FOLDING	BRDLM	BROADLOOM	BRDLM	BROADLOOM
FLR	FLOORING	FLR	FLOOR(ING)	BU	BUILT UP	BU	BUILT UP
FPLC	FIREPLACE	FPLC	FIREPLACE				
FR	FIRE RATING(EE)	FR	FIRE RATING(EE)	CAB	CABINET	CAB	CABINET
FRMG	FRAMING	FRMG	FRAMING	CEM	CEMENT(ITIOUS)	CEM	CEMENT(ITIOUS)
FURN	FURNITURE	FURN	FURNITURE	CER	CERAMIC	CER	CERAMIC
FWC	FABRIC WALL COVERING	FWC	FABRIC WALL COVERING	CIP	CAST-IN-PLACE	CIP	CAST-IN-PLACE
FXD	FIXED	FXD	FIXED	CLG	CEILING	CLG	CEILING
FXTR	FIXTURE	FXTR	FIXTURE	CMU	CONCRETE MASONRY UNIT	CMU	CONCRETE MASONRY UNIT
				COATG	COATING	COATG	COATING
GA	GAUGE	GA	GAUGE	COLG	COLUMN	COLG	COLUMN
GFRC	GLASS FIBER REINFORCED CONCRETE	GFRC	GLASS FIBER REINFORCED CONCRETE	CONC	CONCRETE	CONC	CONCRETE
GFRG	GLASS FIBER REINFORCED GYPSUM	GFRG	GLASS FIBER REINFORCED GYPSUM	CONSTR	CONSTRUCTION	CONSTR	CONSTRUCTION
GFRP	GLAS FIBER REINFORCED PLASTIC	GFRP	GLAS FIBER REINFORCED PLASTIC	CONT	CONTINUOUS(ION)	CONT	CONTINUOUS(ION)
GL	GLASS	GL	GLASS	CONTR	CONTRACT(OR)	CONTR	CONTRACT(OR)
GR	GRADE(ING)	GR	GRADE(ING)	COV	COVER	COV	COVER
GYP	GYPSUM	GYP	GYPSUM	CPT	CARPET	CPT	CARPET
				$	DOLLAR (US CURRENCY)	$	DOLLAR (US CURRENCY)
HD	HEAD	HD	HEAD	DBL	DOUBLE	DBL	DOUBLE
HDWD	HARDWOOD	HDWD	HARDWOOD	DEPT	DEPARTMENT	DEPT	DEPARTMENT
HDWE	HARDWARE	HDWE	HARDWARE	DES	DESIGN(ED)	DES	DESIGN(ED)
HM	HOLLOW METAL	HM	HOLLOW METAL	DET	DETAIL	DET	DETAIL
HORIZ	HORIZONTAL	HORIZ	HORIZONTAL	DF	DRINKING FOUNTAIN	DF	DRINKING FOUNTAIN
HP	HIGH POINT	HP	HIGH POINT	DIA	DIAMETER	DIA	DIAMETER
HVAC	HEATING, VENTILATING, AND AIR-CONDITIONING	HVAC	HEATING, VENTILATING, AND AIR-CONDITIONING	DIFF	DIFFUSER	DIFF	DIFFUSER
				DIM	DIMENSION	DIM	DIMENSION
				DISP	DISPENSER	DISP	DISPENSER
INFIL TR	INFILTRATION	INFIL TR	INFILTRATION	DIV	DIVISION	DIV	DIVISION
INFO	INFORMATION	INFO	INFORMATION	DN	DOWN	DN	DOWN
INSTRUM	INSTRUMENT(ATION)	INSTRUM	INSTRUMENT(ATION)	DR	DOOR	DR	DOOR
INSUL	INSULATION	INSUL	INSULATION	DSCON	DISCONNECT	DSCON	DISCONNECT
INT	INTERIOR	INT	INTERIOR	DWG	DRAWER	DWG	DRAWER
INTLK	INTER(LOCKING)	INTLK	INTER(LOCKING)				
				ELAST	ELASTOMERIC	ELAST	ELASTOMERIC

GRAPHIC SYMBOLS

CONSTRUCTION

- COLUMN GRID REFERENCE NUMBER
- COLUMN GRID LINES AND REFERENCE NUMBER
- EXISTING CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE DEMOLISHED
- NEW PARTITION
- 1 HR. RATED PARTITION
- 2 HR. RATED PARTITION
- 3 HR. RATED PARTITION
- 4 HR. RATED PARTITION
- SMOKE PARTITION
- MILLWORK
- MILLWORK ABOVE
- DETAIL NUMBER
- SHEET NUMBER
- DESCRIPTION OF SIMILAR OR OPPOSITE
- AREA TO BE DETAILED
- LOCATION ON SHEET WHERE ELEVATION IS SHOWN
- DIRECTION OF ELEVATION
- SHEET NUMBER WHERE ELEVATION IS SHOWN
- INTERIOR AND EXTERIOR ELEVATION MARKER
- REVISION REFERENCE NUMBER
- REVISION CLOUD DEPICTING AREA REVISED
- ROOM NAME
- ROOM NUMBER
- SHEETNOTE REFERENCE
- WALL TYPE REFERENCE
- FIRE RATING
- DOOR REFERENCE NUMBER (REFER TO DOOR SCHEDULE)
- WINDOW REFERENCE NUMBER (REFER TO WINDOW SCHEDULE)
- MILLWORK REFERENCE NUMBER (REFER TO MILLWORK SCHEDULE)
- ELEVATION DATUM REFERENCE
- FLOOR ELEVATION TRANSITION
- MATCH LINE SYMBOL
- ALIGN WITH ESTABLISHED / ADJACENT SURFACES

WALL MOUNTED LIFE SAFETY EQUIPMENT AND DEVICES

- WALL MOUNTED FIRE ALARM STROBE SYMBOL
- FIRE ALARM PULL SYMBOL
- WALL MOUNTED FIRE EXTINGUISHER CABINET
- WALL MOUNTED FIRE EXTINGUISHER

SECTION INDICATIONS

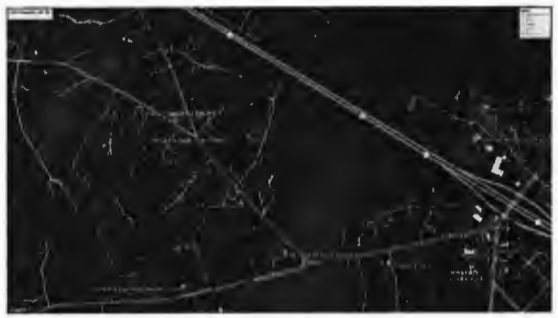
- ACOUSTICAL CEILING TILE
- ALUMINUM
- BRICK
- CARPET
- CONCRETE
- CONCRETE MASONRY UNIT
- CUT STONE
- EARTH
- FABRIC WRAPPED PANEL
- GLASS
- GRAVEL
- GYPSUM PLASTER
- INSULATION (LOOSE OR BATT)
- INSULATION (RIGID)
- METAL
- PLASTIC
- PLYWOOD
- PRE-CAST PANELS
- SAND OR GROUT
- STONE
- WOOD (FINISHED)
- WOOD (CONTINUOUS MEMBER)
- WOOD (INTERRUPTED MEMBER)

FINISH

- WALL FINISH TAG
- BASE FINISH TAG
- EXTENT OF FINISH TYP.
- WALL FINISH TAG
- SPECIAL FINISH TAG
- FLOOR FINISH TAG
- CEILING FINISH TAG
- CHANGE IN FLOOR FINISH

PHOTO

LOCATION



YU ARCHITECTURE
DESIGNING WITH CARE

YU ARCHITECTURE

6617 Locust Street
FALLS CHURCH, VA 22046

yuarchllc@gmail.com
https://www.yuarchitecture.com/

STATE OF MARYLAND
YU-OUYANG
1294
ARCHITECT

"PROFESSIONAL CERTIFICATION.
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."

Date	Issue
10/09/2023	Permit Set

Project Name

13001 Triadelphia Mill Rd, Clarksville, MD 21029

Sheet Title

Cover Sheet

Scale

01

GENERAL NOTES

FOUNDATIONS

- HORIZONTAL INSULATION PLACED LESS THAN 12 INCHES (304 MM) BELOW GROUND SURFACE OR THAT PORTIONS OF HORIZONTAL INSULATION EXTENDING OUTWARD MOM 24 INCHES (610 MM) FROM THE FOUNDATION EDGE SHALL BE PROTECTED AGAINST DAMAGE BY USE OF A CONCRETE SLAB OR ASPHALT PAVING ON THE GROUND SURFACE DIRECTLY ABOVE THE INSULATION OR BY CEMENTITIOUS BOARD, PLYWOOD RATED FOR BELOW GRADE USE, OR OTHER APPROVED MATERIALS PLACED BELOW GROUND, DIRECTLY ABOVE THE TOP SURFACE OF THE INSULATION (SEC R403.3.2).
- PROTECTION OF WOOD AND WOODBASE PRODUCTS FROM DECAY SHALL BE PROVIDED IN THE FOLLOWING LOCATIONS BY TEH USE OF NATURALLY DURABLE WOOD OR WOOD THAT IS PRESERVATIVE-TREATED IN ACCORDANCE WITH AWPA U1 (SEC. R317).
- FOUNDATION PLATES OR SILLS SHALL BE BOLTED TO THE FOUNDATION WITH NOT LESS THAN 1/2 INCH DIAMETER STEEL BOLTS EMBEDDED A MINIMUM OF 7 INCHES INTO THE SLAB. THERE SHALL BE A MINIMUM OF TWO BOLTS PER PLATE WITH ONE BOLT LOCATED WITHIN 12 INCHES OF EACH END OF EACH PIECE AND SPACED NOT MORE THAN 6 FEET APART (SEC. R403.1.6).

TYPE OF CONSTRUCTION

- WHERE WOOD FRAME WALLS AND PARTITIONS ARE COVERED ON THE INTERIOR WITH PLASTER, TILE OR SIMILAR MATERIALS AND AM SUBJECT TO WATER SPLASH, THE FRAMING SHALL BE PROTECTED WITH APPROVED WATERPROOF PAPER CONFORMING TO SECTION 700.
- BATHTUB & SHOWER STALL WALLS SHALL BE FINISHED WITH A HARD, NONABSORBENT SURFACE TO A HEIGHT OF NOT LESS THAN 72 INCHES ABOVE THE FLOOR (SEC. R307.2).
- GLAZING IN SHOWER AND BATHTUB DOORS AND ENCLOSURES SHALL BE IMPACT RESISTANT SECTION R308.
- HINGED SHOWER DOOM SHALL SWING OUTWARD (SEC. P2708.1).

HANDRAILS & GUARDRAILS

- HANDRAILS HAVING MINIMUM AND MAXIMUM HEIGHTS OF 34 INCHES AND 38 INCHES (864 MM AND 965 MM), RESPECTIVELY, MEASURED VERTICALLY FROM IHETALISIFFLITOI HALL "'NESBITT' ELOIVALVITLEGLITH DARE' RFSETEET.#1.7.6.5). STAIRWAYS OF THREE OR MORE RISERS. SPIRAL STAIRWAYS SHALL HAVE THE REQUIRED HANDRAIL LOCATED ON THE OUTSIDE RADIUS. NI REQUIRED HANDRAILS SHALL BE CONTINUOUS THE FULL LENGTH OF THE STAIRS. AND SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POSTS OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NOT LESS THAN 1 1/2 INCHES (38 MM) BETWEEN THE WALL AND THE HANDRAIL. (SEC R311.7.8.1 & R311.7.8.4)
- THE HANDGRIP PORTION OF HANDRAILS SHALL BE NOT LESS THAN 1 1/4 INCHES NOR MORE THAN 2 INCHES IN CROSS SECTIONAL DIMENSIONS
- OPEN GUARDRAIL AND STAIR RAILINGS SHALL HAVE INTERMEDIATE RAILS OR AN ORNAMENTAL PATTEM SUCH THAT A SPHERE 4 INCHES IN DIAMETER CANNOT PASS THROUGH (SEC. R312.1.3).

FRAMING

- ALL EXTERIOR WALLS AND MAIN CROSS STUD PARTITIONS SHALL BE EFFECTIVELY BRACED PER SECTION R602.10.9, R602.10.10, AND R602.11.
- BRACING WALL LINES PER R602.10.1
- ALL PLYWOOD DESIGNED TO BE EXPOSED IN OUTDOOR APPLICATIONS SHALL BE OF EXTERIOR TYPE AS REQUIRED.
- JOIST UNDER AND PARALLEL TO BEARING PARTITIONS SHALL BE DOUBLED (SEC. R502.4).
- JOISTS FRAMING INTO THE SIDE OF A WOOD GIRDER SHALL BE SUPPORTED BY FRAMING ANCHORS OR ON LEDGER STRIPS NOT LESS THAN 2 INCHES BY 2 INCHES (SEC. R502.6.2).
- THE ENDS OF EACH JOIST, BEAM OR GIRDER SHALL HAVE A MINIMUM OF 1 1/2 INCHES (38 MM) OF LOAD BEARING ON WOOD OR METAL AND A MINIMUM OF 3 INCHES (76 MM) ON MASONRY OR CONCRETE EXCEPT WHERE SUPPORTED ON A 1-INCH BY 4-INCH (25.4 MM BY 102 MM) RIBBON STRIP AND NAILED TO ADJACENT STUD OR BY THE USE OF APPROVED JOIST HANGERS.
- JOISTS SHALL BE SUPPORTED LATERALLY AT THE ENDS AND AT EACH SUPPORT (SEC. R502.7).SOLID BLOCKING SHALL BE NOT LESS THAN 2 INCHES IN THICKNESS AND THE FULL DEPTH OF A 2X12 JOIST (SEC.R502.7).
- SOLID DRAWN RECTANGULAR LUMBER BEAMS, RAFTERS, AND FLOOR AND CEILING JOISTS SHALL BE SUPPORTED LATERALLY TO PREVENT ROTATION OR LATERAL DISPLACEMENT IN ACCORDANCE WITH SECTION R502.7.
- AT ALL VALLEYS AND HIPS THERE SHALL BE A SINGLE VALLEY OR HIP RAFTER NOT LESS THAN 2-INCH NOMINAL THICKNESS AND NOT LESS IN DEPTH THAN THE CUT END OF THE RAFTER (SEC. R802.4.3).
- PURLINS SHALL BE PERMITTED TO BE INSTALLED TO REDUCED THE SPAN OF RAFTERS. PURLINS SHALL BE SIZED NO LESS THAN THE REQUIRED SIZE QF THE THE RAFTERS THAT THEY SUPPORT. PURLINS SHALL BE CONTINUOUS AND SHALL BE SUPPORTED BY 2-INCH BY 4-INCH (51 MM BY 102 MM) BRACES INSTALLED TO LOAD-BEARING WALLS AT A SLOPE NOT LESS THAN 45 DEGREES (0.79 RAD) FROM HORIZONTAL. THE BRACES SHALL BE SPACED NOT MORE THAN 4 FEET (1219 MM) ON CENTER, AND THE UNBRACED LENGTH OF BRACES SHALL NOT EXCEED FEET (2438 MM) (SEC. R802.4.5).

ATTIC ACCESS - DRAFT STOPS - VENTILATION

- WHEN DETERMINED NECESSARY BY THE BUILDING OFFICIAL BECAUSE OF ATMOSPHERIC OR CLIMATIC CONDITIONS, ENCLOSED ATTICS AND ENCLOSED RAFTER SPACES FORMED WHERE CEILINGS ARE APPLIED DIRECTLY TO THE UNDERSIDE OF ROOF RAFTERS SHALL HAVE CROSS VENTILATION FOR EACH SEPARATE SPACE BY VENTILATING OPENINGS PROTECTED AGAINST THE ENTRANCE OF RAIN OR SNOW.
- DROFTSTOPPING. WHEN THERE IS USABLE SPACE ABOVE AND BELOW THE CONCEALED SPACE OF A FLOOR/CEILING ASSEMBLY, DROFTSTOPS SHALL BE INSTALLED SO THAT THE AREA OF THE CONCEALED SPACE DOES NOT EXCEED 1000 SQUARE FEET (93 SQ. M). DRAFTSTOPPING SHALL DIVIDE THE CONCEALED SPACE INTO APPROXIMATELY EQUAL AREAS. DRAFTSTOPPING SHALL BE PROVIDED IN
  SEC R302.12).
  1. CEILING IS SUSPENDED UNDER THE FLOOR FRAMING; OR
  2. FLOOR FRAMING IS CONSTRUCTED OF TRUSS-TYPE OPEN-WEB OR PERFORATED MEMBERS.

FIRE PROTECTION

- FIREBLOCKING SHALL BE PROVIDED TO CUT OFF ALL CONCEALED DRAFT OPENINGS (BOTH VERTICAL AND HORIZONTAL) AND TO FORM AN EFFECTIVE FIRE BONIER BETWEEN STORIES. AND BETWEEN A TOP STORY AND THE ROOF SPACE. FIREBLOCKING SHALL BE PROVIDED IN WOOD-FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS (SEC. R602.8 AND R302.11);
  1. IN CONCEALED SPACES OF STUD WALL AND PARTITIONS, INCLUDING FURRED SPACES, AT THE CEILING AND FLOOR LEVEL;
  2. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFIT, DROP CEILINGS, COVE CEILINGS, ETC.;
  3. IN CONCEALED SPACES BETWEEN STAIRS STRINGERS AT THE TOP AND BOTTOM OF THE RUN; ENCLOSED SPACES UNDER STAIRS COMPLY TO SEC. R302.7.
  4. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVEL, WITH NONCOMBUSTIBLE MATERIALS.
  5. FOR THE FIREBLOCKING OF CHIMNEYS AND FIREPLACES, SEE SECTION R1003.19.
  6. FIREBLOCKING OF CORNICES OF A TWO-FAMILY DWELLING IS REQUIRED AT THE LINE OF DWELLING UNIT SEPARATION.
- MATERIALS AS PER SECTION R302.11.1.
- UNFACED FIBERGLASS BATT INSULATION USED AS FIROBLOCKING SHALL FILL THE ENTIRE CROSS SECTION OF THE WALL CAVITY TO A MINIMUM HEIGHT OF 16 INCHES (406 MM) MEASURED VERTICALLY. WHERE PIPING CONDUIT OR SIMILAR OBSTRUCTIONS AM ENCOUNTERED, THE INSULATION SHALL BE PACKED TIGHTLY AROUND THE OBSTRUCTION (SEC. R30211.1.2).
- THE INTEGRITY OF ALL FIREBLOCKS SHALL BE MAINTAINED (SEC. R302.11.2).

DWEWNG-GARAGE FIRE SEPARATION

- THE GARAGE SHALL BE SEPARATED AS REQUIRED BY TABLE R302.6. OPENINGS IN GARAGE WALLS SHALL COMPLY WITH SECTION R302.5 & R302.5.1. ATTACHMENT OF GYPSUM BOARD SHALL COMPLY WITH TABLE R702.3.5 THE WALL SEPARATION PROVISIONS OF TABLE 8302.6 SHALL NOT APPLY TO GARAGE WALLS THAT ARE PERPENDICULAR TO THE ADJACENT DWELLING UNIT WALL.
  WALLS: NOT LESS THAN 1/2" GYPSUM BOARD OR EQUIVALENT APPLIED TO THE GARAGE SIDE OF THE WALL
- DOOR: OPENINGS BETWEEN THE GARAGE AND RESIDENCE SHALL BE EQUIPPED WITH SOLID WOOD DOORS NOT LESS THEN 1 3/8" IN THICKNESS, SDUD OR HONEYCOMB-CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK, OR 20-MINUTE FIRE-RATED DOORS. EQUIPPED WITH A SELF-CLOSING DEVICE.
- CEILING: NOT LESS THAN 5/8" TYPE "X" GYPSUM BOARD OR EQUIVALENT WHEN HABITABLE ROOMS ABOVE THE GARAGE

WEATHER PROTECTION AND EXTERIOR SIDING

- ALL EXTERIOR WALL SHALL BE COVERED WITH APPROVED MATERIALS DESIGNED AND INSTALLED TO PROVIDE A BARRIER AGAINST THE WEATHER AND INSECTS TO ENABLE ENVIRONMENTAL CONTROL OF THE INTERIOR SPACES (SEC. R703.1 & R703.7.3).
- ONE LAYER OF NO. 15 ASPHALT FELT, FREE FROM HOLES AND BREAKS, COMPLYING WITH ASTM D226, FOR TYPE I FELT OR OTHER APPROVED WATER-RESISTANT BARRIER SHALL BE OVER STUDS OR SHEATHING OF ALL EXTERIOR WALLS. SUCH FELT OR MATERIAL SHALL BE APPLIED HORIZONTALLY, WITH THE UPPER LAYER LAPPED OVER THE LOWER LAYER NOT LESS THAN 2 INCHES (51 MM). WHERE JOINTS OCCUR, FELT SHALL BE LAPP NOT LESS THAN 6 INCHES (152 MM). (SEC R703.2).

FINISH WORK

- ALL INTERIOR MATERIALS SHALL MEET THE FLAME SPREAD AND SMOKE DEVELOPMENT FOR ALL INTERIOR FINISHED MATERIALS PER SECTION R302.10
- WALL INTERIOR AND EXTERIOR WALL COVERINGS SHALL CONFORM TO SECTIONS R701, R702, AND R703.
- MINIMUM THICKNESS AND APPLICATION OF GYPSUM BOARD PER TABLE R702.3.5.
  * ALL INTERIOR LATH BE INSTALLED AS SPECIFIED IN SECTION R702.
- ALL EXTERIOR LATH BE INSTALLED AS SPECIFIED IN SECTION R703.

FIREPLACES

- MASONRY AND FACTORY BUILT FIREPLACES AND CHIMNEYS TO BE CONSTRUCTED PER SECTIONS R1001, R1002, R1003, R1004, R1005, AND R1006

DESIGN CRITERIA

GOVERNING BUILDING CODES:

2021 International Building Code
2021 International Residential Code CB71 IBC IRC
2021 International Energy Conservation Code
2021 International Mechanical Code
2021 International Plumbing Code
CB72 Plumbing
2021 NFPA 101 Life Safety Code
Rental Housing Code 2021 International Property Maintenance Code
CB73 Property Maintenance

SCOPE OF WORK:

INTERIOR ALTERATION, NEW LAYOUT INCLUDES:
A. STAIRS: DEMOLISH THE EXISTING INTERIOR STAIRS, AND RELOCATE IT, REFRAME THE SLAB AND STAIRS ACCORDINGLY.
B. INTERIOR:
1. BASEMENT: ENLARGE EXISTING BATHROOM, RELOCATE EXISTING LAUNDARY AND DRYER, RE-CONFIGURE THE RECREATION AREA, AND ADD (2) BEDROOMS, AND RE-FINISH THE WHOLE AREA.
2. FIRST FLOOR ALTERATION: RE-CONFIGURE THE WHOLE AREA, KITCHEN REMODEL, MOVE BATH, ADD A NEW BATH, COMBINE (2) EXISTING BEDROOMS INTO (1) MASTER SUITE, REMOVE (1) LOAD-BEARING WALL BETWEEN KITCHEN & DINING ROOM, AND RE-FINISH THE WHOLE AREA.

BUILDING CODE ANALYSIS

1. CONSTRUCTION TYPE	TYPE 5-B
2. USE GROUP	R-3
3. CONSTRUCTION CLASS	UNPROTECTED
5. SPRINKLER	NO
6. FIRE ALARM SYSTEM	SMOKE DETECTOR (HARD WIRED, INTERCONNECTED, BATTERY BACK-UP)
7. FRAMING SYSTEM	EXTERIOR AND INTERIOR LOAD BEARING WOOD STUD WALLS, WOOD FLOOR JOIST FLOOR FRAMING AND WOOD ROOF RAFTERS. ALL EXTERIOR AND INTERIOR WALLS.
8. FLOOR/WALL/ROOF CONSTRUCTION	0 HOURS
9. CEILING HEIGHT	HABITABLE ROOMS OTHER THAN KITCHENS, STORAGE ROOMS AND LAUNDRY ROOMS MUST HAVE A CEILING HEIGHT OF NOT LESS THAN 7 FEET 6 INCHES. KITCHEN, HALLWAYS, BATHROOMS, TOILET ROOMS AND HABITABLE BASEMENTS FOR USE AS A RECREATION ROOM ONLY MUST HAVE A HEIGHT OF NOT LESS THAN 7 FEET. THE MAXIMUM PROJECTION BELOW THE REQUIRED CEILING HEIGHT FOR BEAMS AND GIRDERS SPACES NOT LESS THAN 4 FEET ON CENTER SHALL BE 6 INCHES. FURRED CEILINGS OF NOT LESS THAN 7 FEET ARE PERMITTED AS LONG AS THE REQUIRED CEILING HEIGHT IS PROVIDED IN TWO THIRDS OF THE AREA.

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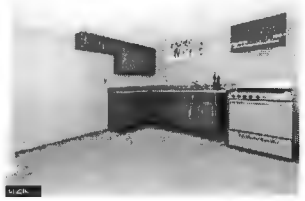
ZONING & CODE COMPLIANCE

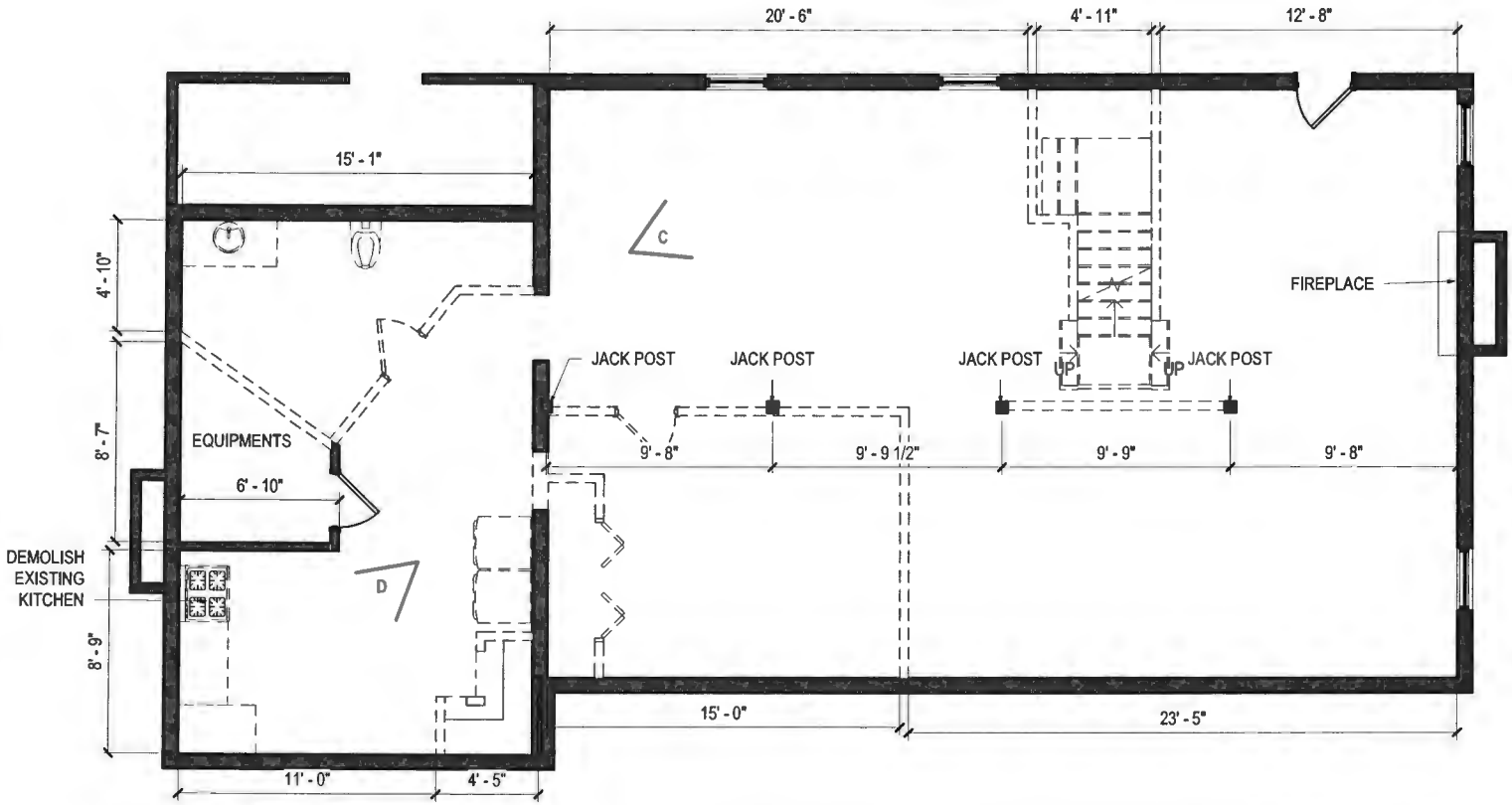
Scale

02



D. EXISTING BASEMENT KITCHEN

C. EXISTING BASEMENT



1 DEMOLITION PLAN - BASEMENT

SCALE: 3/16" = 1'-0"

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DEMOLITION PLAN

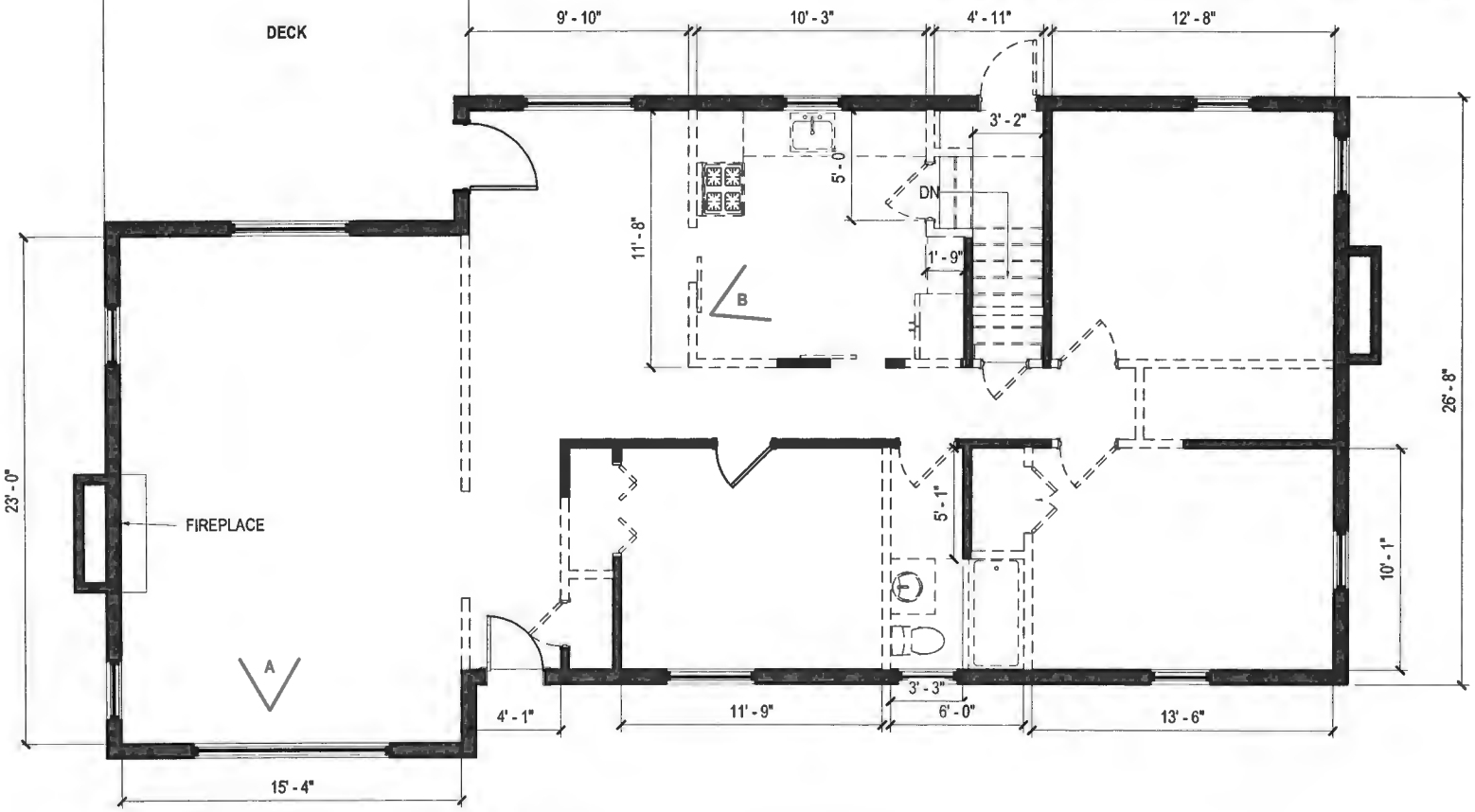
Scale

3/16" = 1'-0"

D - 01

A. EXISTING LIVING ROOM

B. EXISTING KITCHEN



1 DEMOLITION PLAN - 1ST FLOOR

SCALE: 3/16" = 1'-0"

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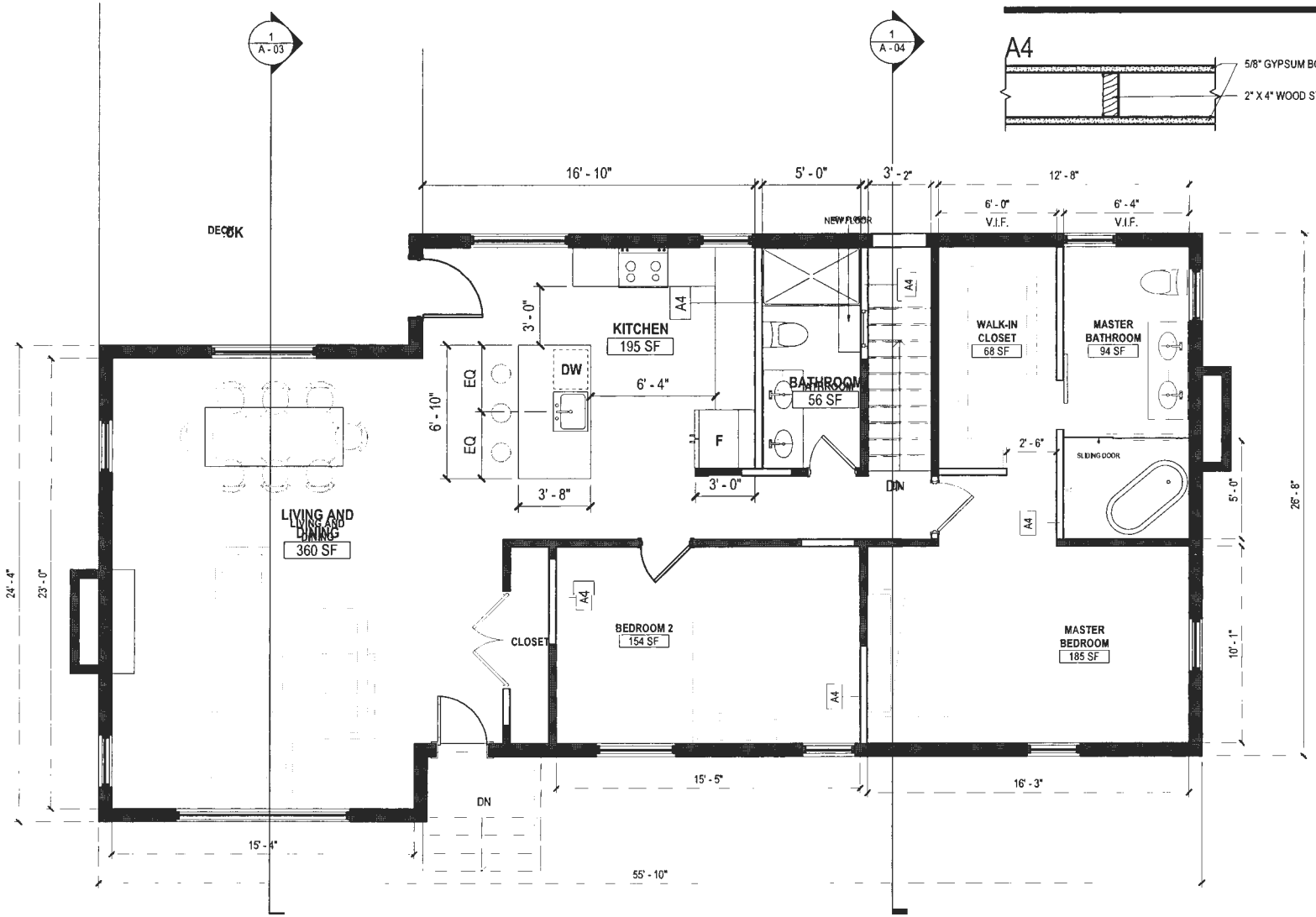
DEMOLITION PLAN

Scale

3/16" = 1'-0"

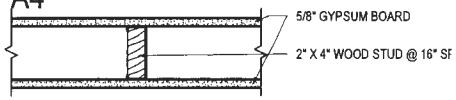
Sheet No.

D - 02



WALL TYPES

A4



1 NEW CONSTRUCTION PLAN - 1ST FLOOR

SCALE: 3/16" = 1'-0"

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NEW CONSTRUCTION PLAN

Scale

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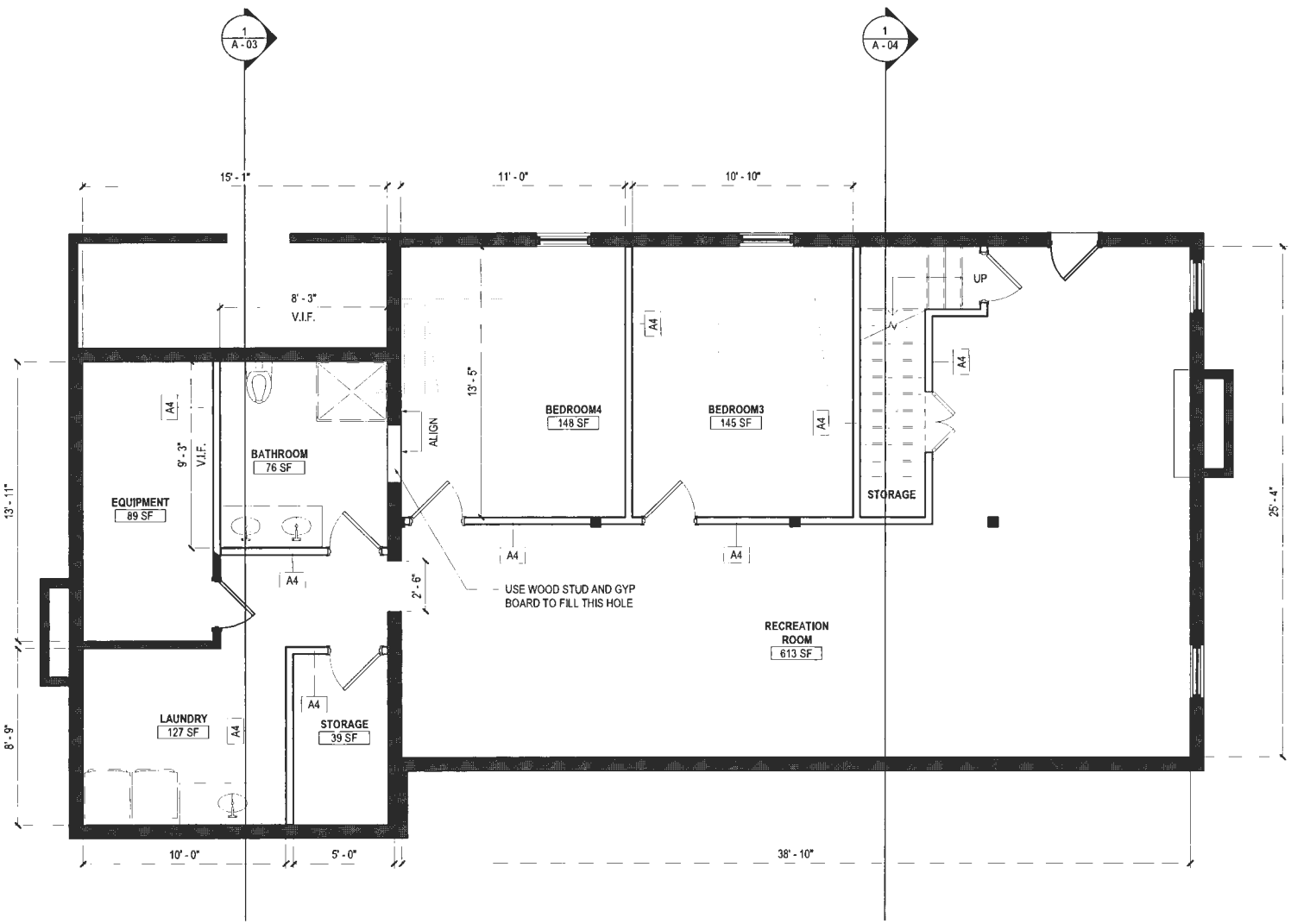
A - 02



1 NEW CONSTRUCTION PLAN - BASEMENT

SCALE: 3/16" = 1'-0"

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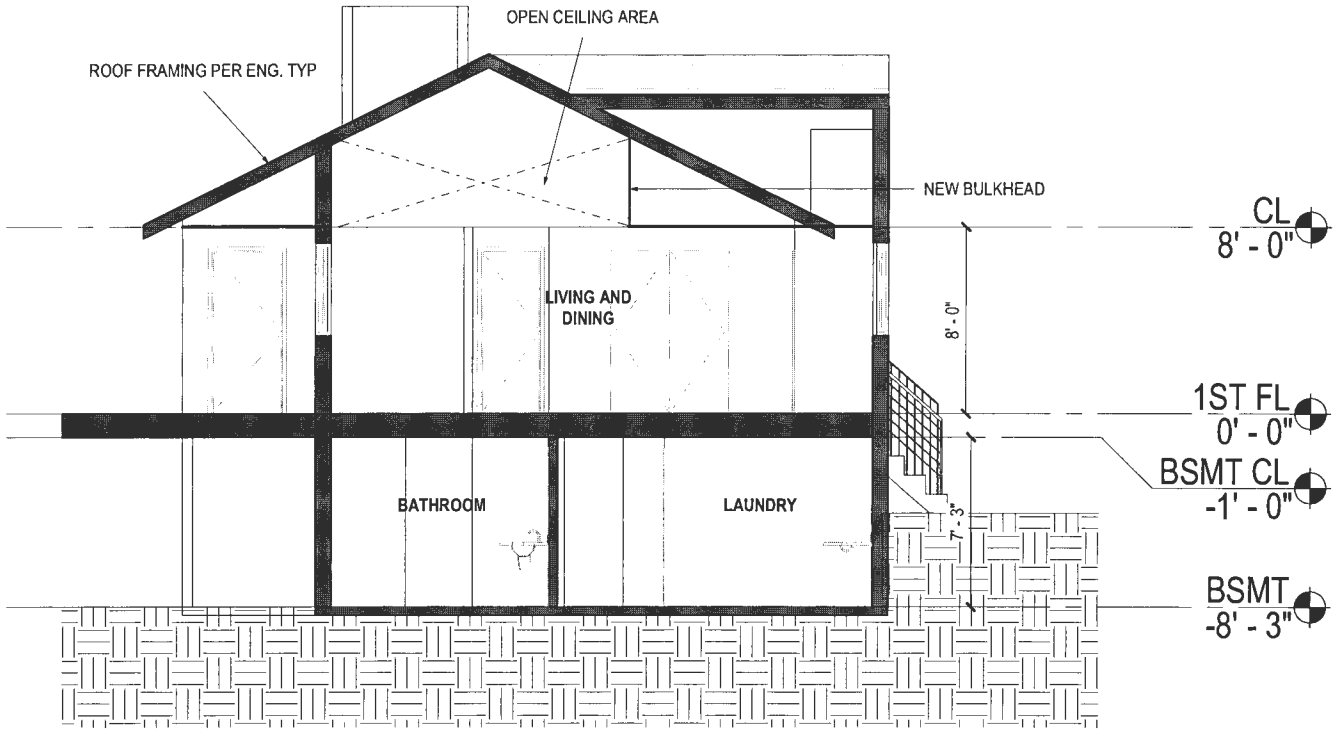
NEW CONSTRUCTION PLAN

Scale

As indicated

A - 01



1 NEW CONSTRUCTION-SECTION 1

SCALE: 3/16" = 1'-0"

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NEW CONSTRUCTION SECTION

Scale

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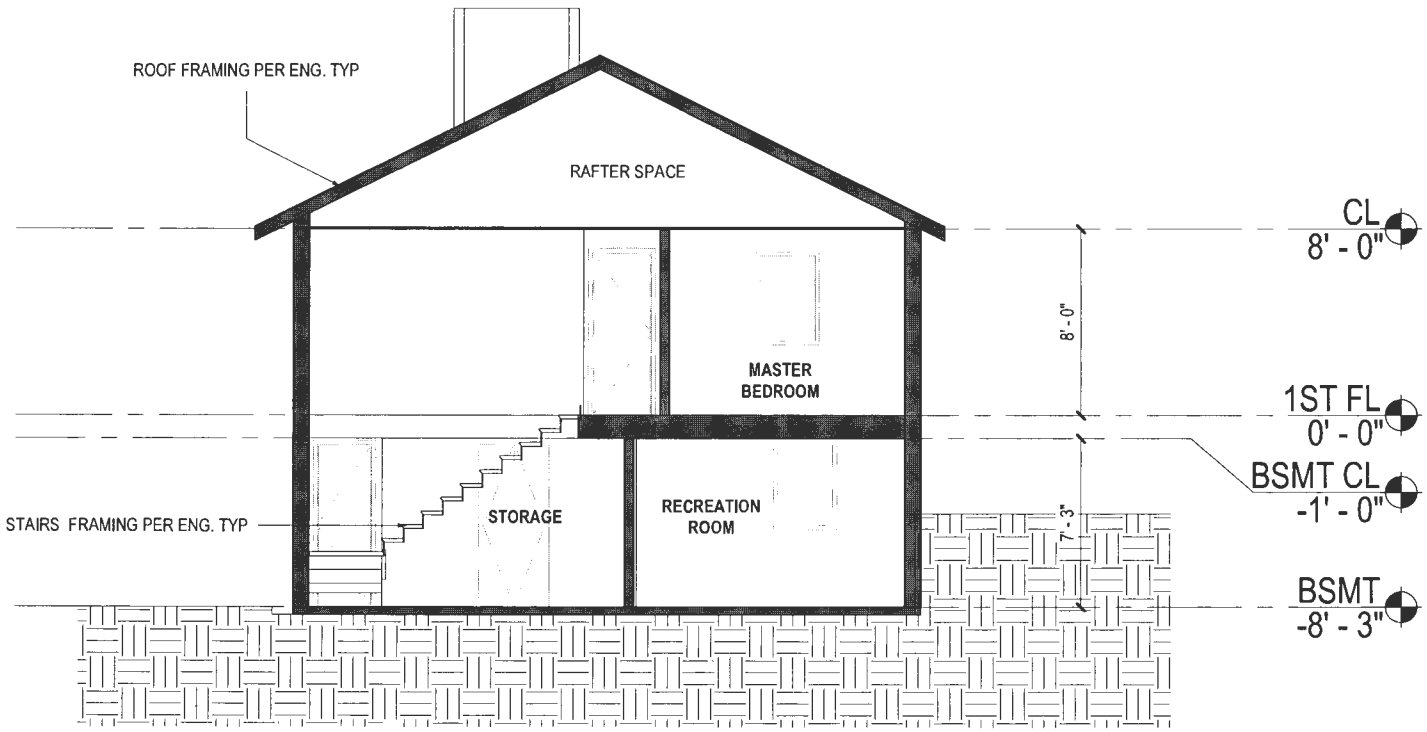
A - 03



1 NEW CONSTRUCTION-SECTION 2

SCALE: 3/16" = 1'-0"

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NEW CONSTRUCTION SECTION

Scale

3/16" = 1'-0"

A - 04

STRUCTURAL NOTES

1 GENERAL

A. THE BUILDING IS DESIGNED UNDER THE PROVISIONS OF THE 2018 IRC AS AMENDED BY MONTGOMERY COUNTY EXECUTIVE REGULATION NO. 31-19.

B. THE FOLLOWING LIVE LOADS WERE UTILIZED IN THE DESIGN:

ROOF	30 PSF
LIVING AREAS	40 PSF
SLEEPING ROOMS	30 PSF
EXTERIOR DECK	40 PSF
GARAGE	50 PSF
ROOF SNOW LOAD	
GROUND SNOW LOAD (Pg)	30 PSF
WIND LOAD	
BASIC WIND SPEED (V3s)	115 MPH
IMPORTANCE FACTOR (Iw)	1.0
WIND EXPOSURE	B

A MINIMUM 10 PSF DEAD LOAD IS USED FOR FLOOR FRAMING DESIGN

C. THE BASIC STABILITY OF THE STRUCTURE IS DEPENDENT UPON THE DIAPHRAGM ACTION OF FLOORS, WALLS & ROOF ACTING TOGETHER. CONTRACTOR TO PROVIDE ALL GUYS, BRACES, STRUTS, ETC. AS REQUIRED TO ACCOMMODATE ALL LIVE, DEAD AND WIND LOADS UNTIL ALL FINAL CONNECTIONS BETWEEN THESE ELEMENTS ARE MADE.

D. BASEMENT AND FOUNDATION WALLS ARE DEPENDENT UPON THE COMPLETED INSTALLATION OF FLOORS FOR THEIR STABILITY. CONTRACTOR SHALL NOT PLACE BACKFILL UNTIL THESE ELEMENTS ARE COMPLETELY INSTALLED, OR CONTRACTOR HAS PROVIDE SHORING AND BRACING TO ADEQUATELY RESTRAIN WALL.

E. THE STRUCTURAL INTEGRITY OF THE BUILDING SHOWN ON THESE PLANS IS DEPENDENT UPON COMPLETION ACCORDING TO PLANS AND SPECIFICATIONS. STRUCTURAL MEMBERS ARE NOT SELF BRACING UNTIL PERMANENTLY AFFIXED TO THE STRUCTURE AS DIRECTED. THE STRUCTURAL ENGINEERS ASSUME NO LIABILITY FOR THE STRUCTURE DURING CONSTRUCTION UNLESS THE CONSTRUCTION METHOD AND BRACING ARE INCLUDED IN THE PLANS AND SPECIFICATIONS OR ARE SUPERVISED BY THE STRUCTURAL ENGINEERS DURING CONSTRUCTION.

2 EARTHWORK

A. SOIL BEARING VALUE AT THE BOTTOM OF ALL FOOTINGS IS ASSUMED TO BE 2000 PSF. THIS VALUE IS TO BE VERIFIED IN THE FIELD PRIOR TO POURING FOOTINGS BY A REGISTERED ENGINEER EXPERIENCED IN SOILS ENGINEERING OR BY A QUALIFIED INSPECTOR.

B. BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 2'-6" BELOW FINISH EXTERIOR GRADE. WHERE REQUIRED, STEP FOOTINGS IN RATIO OF 2 HORIZONTAL TO 1 VERTICAL.

C. COMPACTED BACKFILL BELOW BUILDING SLABS - ALL SOIL FILL MATERIAL MUST BE APPROVED BY SOILS ENGINEER PRIOR TO PLACEMENT. MATERIALS TO BE FREE FROM ORGANIC MATERIAL, TRASH, MUCK, CONCRETE, ASPHALT OR OTHER DELETERIOUS SUBSTANCES. PRIOR TO PLACING FILL, THE EXISTING SURFACE SHALL BE CLEARED OF ALL REFUSE OR ORGANIC MATERIALS. FILL MATERIAL SHALL BE PLACED IN LAYERS NOT TO EXCEED 8" AND COMPACTED TO MIN. 95% OF THE DRY MAX. DENSITY AS DETERMINED BY ASTM D698.

D. FOUNDATION WALLS ARE DESIGNED FOR A LATERAL EARTH PRESSURE OF 60 PCF ASSUMING A FREE DRAINING MATERIAL OR DRAINING BOARD BEHIND WALL WITH A PERIMETER DRAINTILE SYSTEM. NOTIFY ENGINEER IF SOIL CONDITIONS DIFFER.

3 CONCRETE

A. ALL CONCRETE TO HAVE MINIMUM COMPRESSIVE STRENGTH (F'c) = 3000 PSI IN 28 DAYS. EXTERIOR SLABS SHALL HAVE A MINIMUM STRENGTH OF 3500 PSI. ALL CONCRETE TO BE POURED IN ACCORDANCE WITH ACI 301 SPECIFICATIONS. CONCRETE EXPOSED TO WEATHER TO BE AIR ENTRAINED.

B. ALL REINFORCING STEEL TO MEET ASTM-A-615 GRADE 60. PLACING PLANS AND SHOP FABRICATION DETAILS SHALL BE IN ACCORDANCE WITH "THE MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES". FURNISH SUPPORT BARS AND ALL REQUIRED ACCESSORIES IN ACCORDANCE WITH C.R.S.I. STANDARDS. ALL REINFORCING TO BE SPLICED A MINIMUM OF 30 BAR DIAMETERS.

C. PROVIDE CLEAR DISTANCE TO OUTERMOST REINFORCING AS FOLLOWS: PLANS AND SHOP FABRICATION DETAILS SHALL BE IN ACCORDANCE WITH

- BEAMS EXPOSED TO WEATHER	2"
- FOOTINGS (BOTTOM)	3"
- WALLS	1-1/2"

D. PROVIDE CORNER BARS TO MATCH HORIZONTAL REINFORCING IN WALLS AND FOOTINGS.

4 MASONRY

A. APPLICABLE BUILDING CODE AND THE "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES AND SPECIFICATIONS FOR MASONRY STRUCTURES" ACI-530/ACI-530.1, LATEST EDITIONS.

B. MASONRY TO CONFORM TO THE FOLLOWING SPECIFICATIONS:

HOLLOW LOAD-BEARING C.M.U	ASTM C90
MORTAR	ASTM C270, TYPE M OR S
GROUT	ASTM C476

C. MASONRY ASSEMBLIES SHALL HAVE COMPRESSIVE STRENGTH (F'M) GREATER THAN OR EQUAL TO 1350 PSI.

D. ALL VERTICAL REINFORCING SHALL BE GROUTED IN PLACE WITH TYPE S MORTAR OR PEA GRAVEL CONCRETE.

E. PROVIDE CONTINUOUS HORIZONTAL JOINT REINFORCING IN MASONRY WALLS AT 16" O.C. PROVIDE AT 8" O.C. AT PARAPETS.

F. CAVITY WALLS OF BRICK/STONE AND BLOCK SHALL BE CONSTRUCTED WITH JOINT REINFORCING IN MASONRY AND ADJUSTABLE METAL ANCHORS TO BRICK/STONE.

G. REINFORCING STEEL SHALL CONFORM TO ASTOM A615-GR60. LAP BARS A MINIMUM OF 48 BAR DIAMETERS. GROUT ALL REINFORCED CORES SOLID.

H. UNLESS SHOWN ON PLAN, LINTELS FOR MASONRY WALLS SHALL BE AS FOLLOWS:

OPENINGS TO 3'-0"	3-1/2 X 3-1/2 X 5/16 - 3-1/2 HORIZONTAL
3'-1" TO 5'-0"	4 X 3-1/2 X 5/16 - 3-1/2 HORIZONTAL
5'-1" TO 6'-6"	5 X 3-1/2 X 5/16 - 3-1/2 HORIZONTAL
OVER 6'-6"	AS NOTED ON FRAMING PLANS

PROVIDE 1 ANGLE FOR EACH 4" OF MASONRY WALL THICKNESS. LINTELS SHALL BEAR 6" MINIMUM EACH END U.N.O.

I. ALL EXPANSION BOLTS OR SLEEVE ANCHORS IN MASONRY WALLS SHALL BE PLACED IN GROUTED SOLID MASONRY.

J. PROVIDE DOWELS FROM ALL FOOTINGS TO MASONRY WALLS TO MATCH SIZE AND SPACING OF VERTICAL REINFORCING.

K. UNLESS SHOWN ON PLAN, LINTELS FOR STONE VENEER WALLS SHALL BE AS FOLLOWS:

OPENINGS TO 3'-0"	5 X 3-1/2 X 5/16 -5 HORIZONTAL
3'-1" TO 5'-0"	5 X 4 X 5/16 - 5 HORIZONTAL
5'-1" TO 6'-6"	5 X 5 X 5/16 - 5 HORIZONTAL
OVER 6'-6"	AS NOTED ON FRAMING PLANS

ALL LINTEL EXPOSED TO WEATHER SHALL BE HOT-DIPPED GALVANIZED. PROVIDE 1 ANGLE FOR EACH 6" OR STONE VENEER THICKNESS. LINTELS SHALL BEAR 6" MINIMUM EACH END U.N.O.

5 DEMOLITION

A. PROVIDE ADEQUATE SHORING, BRACING AND OTHER TEMPORARY SUPPORT DURING DEMOLITION. RETAIN THE SERVICE OF A QUALIFIED SPECIALTY ENGINEER TO DESIGN AND MONITOR THE TEMPORARY SUPPORT. SUBMIT DRAWINGS FOR RECORD ONLY.

B. UNTIL PROPERLY SHORED, DO NOT CUT EXISTING STRUCTRUAL MEMBER IN A MANNER RESULTING IN A REDUCTION OF LOAD-CARRYING CAPACITY. DO NOT EXCEED THE CAPACITY OF THE EXISTING STRUCTURE WITH SUPERIMPOSED LOADS.

C. IN GENERAL, SELECTIVE STRUCTURAL DEMOLITION IS TO BE PERFORMED WITH PHYSICAL CUTTING ACTION (I.E.SAWING AND GRINDING INSTEAD OF HAMMERING AND CHOPPING). DO NOT USE JACKHAMMERS ON STRUCTURALLY SUPPORTED MEMBERS.

D. CONTRACTOR SHALL VERIFY THAT EXISTING CONSTRUCTION CORRESPONDS TO THAT SHOWN ON THE DRAWINGS. DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER.

6 WOOD

A. ALL FRAMING LUMBER SHALL BE HEM-FIR, GRADE #2, OR SPRUCE -PINE-FIR GRADE #2, OR BETTER, HAVING THE FOLLOWING MINIMUM BASE DESIGN VALUES:
- -BENDING STRESS "Fb" = 850 PSI FOR SINGLE MEMBER USE
- -HORIZONTAL SHEAR "Fv" = 135 PSI
- -COMPRESSION PERPENDICULAR TO GRAIN "Fc" = 405 PSI
- -COMPRESSION PARALLEL TO GRAIN "Fc11" = 1,150 PSI
- -MODULUS OF ELASTICITY "E" = 1,300,000 PSI

NOTE: SPRUCE-PINE-FIR (SOUTH) IS NOT ACCEPTABLE. SPRUCE-PINE -FIR MUST BE GRADED BY NLGA.

B. ALL EXTERIOR FRAMING SHALL BE PRESSURE-TREATED. FRAMING SHALL BE PRESSURE-TREATED WITH ALKALINE COPPER QUAT (ACQ) OR COPPER AZOLE (CBA-A AND CA-B), NOT SODIUM BORATE (SBX). LUMBER OR STRUCTURAL POSTS SHALL BE SOUTHERN YELLOW PINE, GRADE 2 OR BETTER, HAVING THE FOLLOWING MINIMUM PROPERTIES (BASED ON 2X12 LUMBER):
- -BENDING STRESS "Fb" = 750 PSI FOR SINGLE MEMBER USE
- -HORIZONTAL SHEAR "Fv" = 90 PSI
- -COMPRESSION PERPENDICULAR TO GRAIN "Fc" = 565 PSI
- -COMPRESSION PARALLEL TO GRAIN "Fc11" = 1,250 PSI
- -MODULUS OF ELASTICITY "E" = 1,400,000 PSI

C. PLYWOOD LAMINATED (MICROLAM OR LVL) BEAMS SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:
- -BENDING STRESS "Fb" = 2600 PSI
- -HORIZONTAL SHEAR "Fv" = 250 PSI
- -MODULUS OF ELASTICITY "E" = 1,900,000 PSI

D. ALL WALL STUDS SHALL BE SPF STUD GRADE OR BETTER, HAVING THE FOLLOWING MINIMUM BASE DESIGN VALUES:
- --COMPRESSION PARALLEL TO GRAIN "Fc11" = 625 PSI
- --BENDING STRESS "F" = 725 PSI FOR SINGLE USE MEMBERS
- --MODULUS OF ELASTICITY "E" = 1,200,000 PSI

E. PARALLAM PSL COLUMNS SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:
- -BENDING STRESS "Fb" = 2400 PSI
- -COMPRESSION PARALLE TO GRAIN "Fcll" = 2500 PSI
- -MODULUS OF ELASTICITY "E" = 1,800,000 PSI

F. UNLESS NOTED OTHERWISE, FASTENING FOR STRUCTURAL MEMBERS SHALL FOLLOW INTERNATIONAL RESIDENTIAL CODE TABLE R602.3(1).

G. PREFABRICATED JOIST HANGERS, BEAM HANGERS, POST CAPS AND POST BASES SHALL BE SIZED AND ATTACHED PER MANUFACTURERS RECOMMENDATION. FASTENERS AND CONNECTORS UTILIZED WITH PRESSURE-TREATED MEMBERS SHALL MEET G185 GALVANIZING.

H. ANCHOR BOLTS CONNECTING PRESSURE TREATED WOOD PLATES TO FOUNDATIONS, MASONRY WALLS, OR CONCRETE SLABS SHALL BE HOT-DIPPED GALVANIZED.

I. ALL FREESTANDING POSTS SHALL HAVE PREFAB POSTCAP AND BASE. POSTS WITHIN WALL SHALL HAVE PREFAB CAP ATTACHED TO BEAM. POSTS BEARING ON MASONRY OR CONCRETE SHALL HAVE PREFAB BASE.

J. ALL ROOF RAFTERS AND TRUSSES SHALL BE CONNECTED AT EACH BEARING POINT WITH ONE PREFABRICATED GALVANIZED METAL CONNECTOR. EACH ANCHOR SHALL BE 18 GAGE MINIMUM THICK AND SHALL BE ATTACHED TO HAVE A CAPACITY TO RESIST A 450# UPLIFT LOADING UNLESS SHOWN OTHERWISE ON DRAWINGS.

7 SHEATHING

A. FLOOR SHEATHING SHALL BE 23/32 (3/4) INCH APA RATED STURD--I-FLOOR, TONGUE AND GROOVE, PLYWOOD, OR EQUAL. PANELS SHALL HAVE LONG DIMENSION ORIENTED ACROSS THREE OR MORE JOISTS AND SHALL BE FASTENED WITH CONSTRUCTION ADHESIVE AND 8d NAILS AT 6 INCHES ON CENTER AT PANEL EDGES AND AT 12 INCHES ON CENTER AT INTERMEDIATE SUPPORTS. UNLESS NOTED OTHERWISE, PANEL EDGES NEED NOT BE BLOCKED.

8 MISCELLANEOUS

A. ALL WOOD BLOCKING, NAILERS, ETC. SHALL BE ATTACHED TO STEEL OR CONCRETE FRAMING WITH POWER ACTUATED FASTENERS OR 1/2" DIAMETER BOLTS UNLESS NOTED OTHERWISE. FASTENERS SHALL BE SPACED AT 24" MAXIMUM O.C. FASTENERS SHALL HAVE A MINIMUM CAPACITY OF 100 POUNDS IN SHEAR AND PULLOUT UNLESS NOTED OTHERWISE.

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Structural Design

Job #

Date:	Issue:
11/20/2022	UPDATE

REVISION

I hereby certify that these document were prepared or approved by me, and I am a duly licensed professional engineer under the law of the State of Maryland, License No. 22243, Expiration Date: 02/04/2025

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LL	JZ

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Sheet Title

STRUCTURAL NOTES

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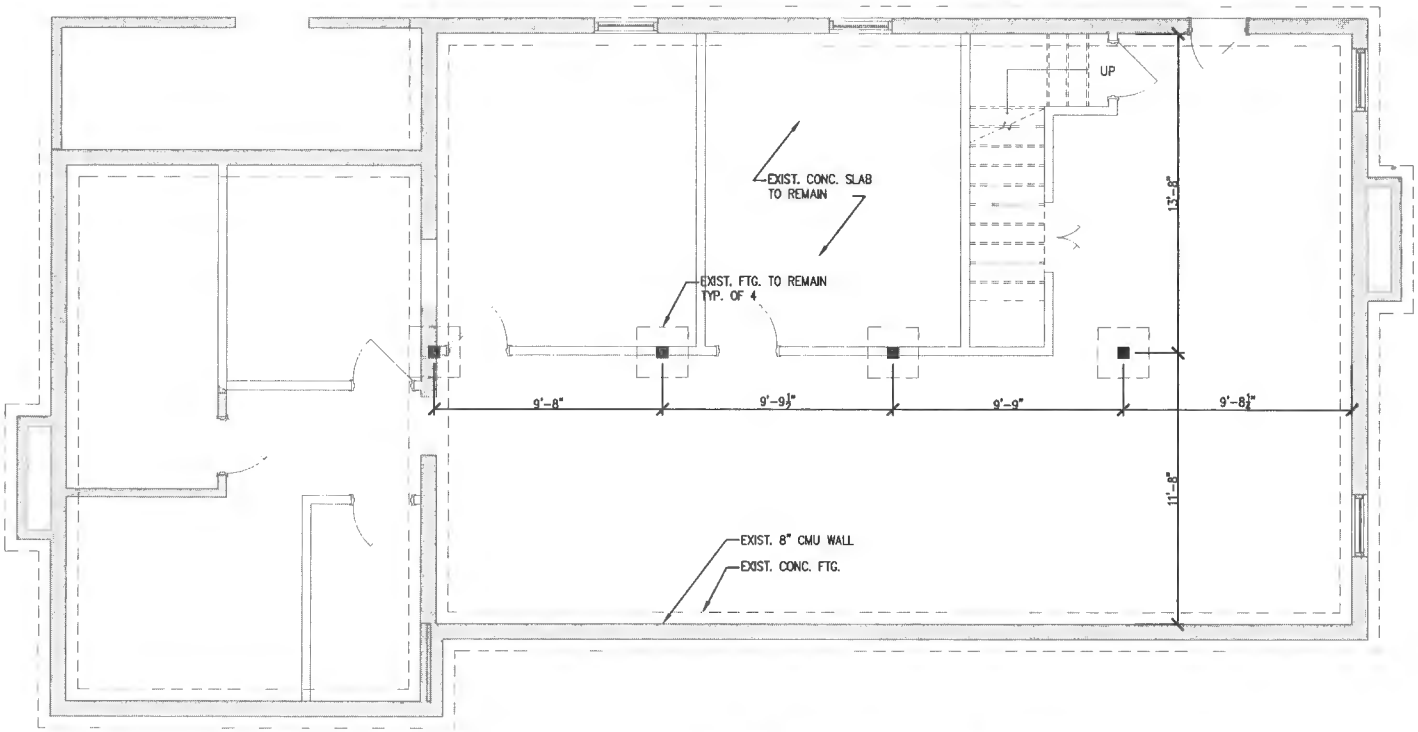
S001



EXIST. FOUNDATION PLAN

3/16"= 1'-0"

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CLARKSVILLE, MD 21029

Structural Design

Job #

Date: 11/20/2022
Issue: UPDATE

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Checked JZ

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EXIST. FOUNDATION PLAN

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