

MONROE 2 - ORLEANS BOCES CTE

NEW CONSTRUCTION - STUDENT BUILT HOUSE

ASSEMBLED BY / BEHIND:

MONROE 2 ORLEANS BOCES
CARRIER & TECH EDUCATION PROGRAM
3589 BIG RIDGE ROAD
SPENCERPORT, NEW YORK 14559

DRAWING LIST:

- T1 TITLE SHEET AND SYMBOLS
- G1 GENERAL REQUIREMENTS, SPECIFICATIONS, CODE MAPS & DETAILS
- A0 FIRST FLOOR PLAN
- A1 ROOF PLAN
- A2 EXTERIOR ELEVATIONS

LIST OF PROJECT WORK SCOPE NEEDED AND PROVIDED BY OTHERS HAVING LOCAL JURISDICTION (LIST MAY NOT BE ALL INCLUSIVE). OWNER OF THIS HOUSE WILL NEED TO CHECK WITH ALL THE LOCAL AUTHORITIES HAVING JURISDICTION TO DETERMINE REQUIRED APPROVALS.

1. SITE ELEMENTS INCLUDING ALL UTILITIES AND CONNECTIONS.
2. FOOTING & FOUNDATION ELEMENTS.
3. EXTERIOR STAIRS/DECKS AND RAILINGS.
4. INTERIOR STAIR CONNECTIONS TO CRAWL/BASEMENT SPACES.
5. MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION ELEMENTS. PROVIDE RESCHECK FOR ELECTRICAL & MECHANICAL SECTION OF THE CODE.
6. VERIFICATION OF EXTERIOR FIRE RATED ELEMENTS AS NEEDED.
7. PROVIDE ALL REQUIRED VENTILATION PER RCNYS, SECTION R303.
8. PROVIDE AIR INFILTRATION TEST TO COMPLY WITH SECTION R303.4.
9. PROVIDE BATHROOM FANS WITH A MINIMUM AIR EXCHANGE OF 50 CFM.
10. PROVIDE EXTERIOR WALL FIRE RATING COMPLIANCE, 2020 NYSBC SECTION 602, IF HOUSE IS ERRECTED NEAR AN EXISTING BUILDING.

ARCHITECT CERTIFICATION:

TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THE PLANS AND SPECIFICATIONS ARE IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE AND THE STATE ENERGY CONSTRUCTION CODE.

BLOWER TEST AGENCY APPROVED HOUSE PLAN	THIRD PARTY INSPECTIONS PFS-TECO Corp.
APPROVED BY:	PFS-TECO Corp. 421 Central Road Bloomsburg, PA 17815 570-784-8396 Kirby Smith
AGENCY NAME:	
DATE:	

DEPARTMENT OF STATE
DIVISION OF BUILDING STANDARDS AND CODES
ALBANY, NY 12212-0001

Stamp of Approval for a System, Model or Component

M0167 2023-094 Feb. 22, 2024

Manufacturers No. Application No. Date of Approval

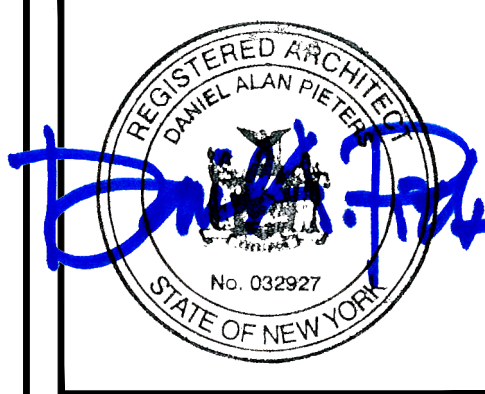
NOTICE: This approval is applicable only to those components of the factory manufactured building (Module) that are fabricated and assembled at the factory manufacturer's facility. This approval shall not relieve the manufacturer from responsibility for deviations, errors or omissions from the approved documents.

All site related work must be reviewed for approval by the local Code Enforcement Official.

John R. Addario, P.E., Director By: Donald Thomas, Jr., RAIA

LIST OF ABBREVIATIONS

AFF ABOVE FINISHED FLOOR	CM CONSTRUCTION MANAGER	ENTR ENTRANCE	HORZ HORIZONTAL	MEZZ MEZZANINE	QTB QUARRY TILE BASE	T&G TONGUE & GROOVE
AP ACCESS PANEL	CW COLD WATER	EQ EQUIP	HB HOSE BIBB	MM MILLIMETER	RAD RADIUS	T&B TOP & BOTTOM
ACOUS ACOUSTICAL	CFMF COLD FORMED MET FRAMING	EST EQUIPMENT	HW HOT WATER	MIN MINIMUM	RECP RECEPTACLE	TOEA TOP OF EDGE ANGLE
ADJ ADJACENT	CMU CONCRETE MASONRY UNIT	EST ESTIMATE(D)	HR HOUR	MISC MISCELLANEOUS	REF REFERENCE	TOS TOP OF SLAB/STEEL
ACT ACOUSTICAL CEILING TILE	COL COLUMN	EXHST EXHAUST	INCAND INCANDESCENT	MR MOISTURE RESISTANT	REFR REFRIGERATOR	TOW TOP OF WALL
AMP ACOUSTICAL WALL PANEL	CONC CONCRETE	EXIST EXISTING	IN INCH	MTD MOUNTED	REFR REFER TO	T TREAD
A/C AIR CONDITIONING	COND CONDUCTOR	EXP EXPANSION	INCL INCLUDING	NA NOT APPLICABLE	REINFOR REINFORCED(ING)	TD TRENCH DRAIN
ALT ALTERNATE	CONN CONNECTION	EXP JT EXPANSION JOINT	ID INSIDE DIAMETER	NAT NATURAL	REQ'D REQUIR(ED)	TYP TYPICAL
ALUM ALUMINUM	CONSTR CONSTRUCTION	INSUL INSULATION	INSUL INSULATION	NRC NOISE REDUCTION COEF.	RVT RESILIENT VINYL TILE	UL UNDERWRITERS LAB
AB ANCHOR BOLT	CONJT CONSTRUCTION JOINT	INTR INTERIOR	INT INTERIOR	NOM NOMINAL	REV REVISED	UNFIN UNFINISHED
< ANGLE	CONT CONTINUOUS	F FABRIC	INTERM INTERMEDIATE	N NORTH	RGBW REINFORCED GYPSUM WALL BOARD	UNO UNLESS NOTED OTHERWISE
ANOD ANODIZED	CONTR CONTRACTOR	FAB FABRICATE	INVT INVERT	NIC NOT IN CONTRACT	RH RIGHT HAND	U URINAL
APPROX APPROXIMATE	CONTR CONTROL JOINT	FT FEET	IP IRON PIPE	NIS NOT TO SCALE	R RISER	VEND VENDER
ARCH ARCHITECT, ARCHITECTURAL	CORR CORRUGATED	FIG FIGURE	JAN JANITOR	NO, # NO, #	RD ROOF DRAIN	VEN VENEER
AD AREA DRAIN	COURSE COURSE	FIN FINISH	JS JANITOR SNK	OC ON CENTER	RM ROOM	VF VERIFY IN FIELD
@ AT	CFT CUBIC FOOT	FF FINISHED FLOOR	JT JOINT	OPNG OPENING	RO ROUGH OPENING	VERT VERTICAL
AUTO AUTOMATIC	CYD CUBIC YARD	FEC FIRE EXTINGUISHER AND CABINET	KW KILOWATT	OD OUTSIDE DIAMETER	ROB RUN-OF-BANK	VEST VESTIBULE
BSMT BASEMENT	DP DAMP PROOFING	FL, FLR FLOOR	KWH KILOWATT HOUR	OH OVERHEAD	RW RESCUE WINDOW	VN VINYL
BM BEAM	DL DEAD LOAD	FD FLOOR DRAIN	K KIP	PTD PAINTED	SALV SALVAGE	VB VINYL BASE
BP BEARING PLATE	DB DECEBEL	FLUOR FLUORESCENT	KIT KITCHEN	PRC PRECAST CONCRETE	SAN SANITARY	VCT VINYL COMPOSITION TILE
BM BENCH MARK	DEMO DEMOLISH	FT FOOT	LDR LEADER	PLM PLASTIC LAMINATE	SCHED SCHEDULE	VFC VINYL FABRIC
DETM DEBITUMINOUS	DEPT DEPARTMENT	FTG FOOTING	LB LEFT HAND	PLC PLUMBING	SCS SPECIAL COATING SYSTEM	VWC VINYL WALL COVERING
BLKG BLOCKING	DET,DTL DETAIL	FND FOUNDATION	LBL LABEL	PLYWD PLYWOOD	SECT SECTION	VT VINYL TILE
BLK BLOCK	DIA DIAMETER	FS FULL SIZE	LAB LABORATORY	PVC POLYVINYL CHLORIDE	SHT SHEET	VOL VOLUME
BD BOARD	DIM DIMENSION	FUT FUTURE	LAM LAMINATE(ED)	LB LOAD	SIM SIMILAR	WH WALL HUNG
BO BY OWNER	DISP DISPENSER	GALV GALVANIZED	LAV LAVATORY	PCF POUNDS PER CUBIC FOOT	SC SOUND CORE	W WATER
BOT BOTTOM	DSP DISPOSAL	G GAS	LVR LAYER	PLF POUNDS PER LINEAR FOOT	SCS SOUND TRANSMISSION COEFFICIENT	WR WATER RESILIENT/RESISTANT
BRK BRICK	DO DITO, REPEAT, SAME	G GAUGE	LDL LEADER	PLR PLASTER	SO SOUTH	WT WEIGHT
BLDG BUILDING	DR DOOR	GA GAUGE	LB LEFT HAND	PLM PLASTIC LAMINATE	SCS SPECIAL COATING SYSTEM	W/W WITH
BN BULLNOSE	DBL DOUBLE	GEN GENERAL	LIB LIBRARY	PLC PLUMBING	SPEC SPECIFICATION	W/O WITHOUT
CAB CABINET	DN DOWN	GC GENERAL CONTRACTOR	LT LIGHT	PLYWD PLYWOOD	SQ SQUARE	WO WOOD
CI CAST IRON	DS DOWNSPOUT	GL GLASS, GLAZING	LW LIGHT WEIGHT	PVC POLYVINYL CHLORIDE	SS STAINLESS STEEL	W WROUGHT IRON
CPT CARPET(ED)	DT DRAIN TILE	GB GRAB BAR	LL LIVE LOAD	LB LOAD	STD STANDARD	YD YARD
CSMT CASEMENT	DWR DRAWER	GR GRADE, GRADING	GR GRADE, GRADING	PCF POUNDS PER CUBIC FOOT	STL STEEL	
CB CATCH BASIN	DWG DRAWING	GSG GROSS SQUARE FOOT	MACH MACHINE	PLF POUNDS PER LINEAR FOOT	STOR STORAGE	
CLG CEILING	DWF DRINKING FOUNTAIN	GYP GYPSUM	MH MAN HOLE	PSF POUNDS PER SQUARE FOOT	STRUCT STRUCTURAL	
CLG HT CEILING HEIGHT	DWC DRYWALL CHANNEL	GWB GYPSUM BOARD	MHC MAN HOLE COVER	PSI POUNDS PER SQUARE INCH	SQFT STRUCTURAL GLAZED FACING TILE	
CEM CEMENT	EA EACH	HWR HARDWARE	MFR MANUFACTURE	PRE CONC PRECAST CONCRETE	ST,STL STRUCTURAL STEEL	
CL CENTER LINE	EW EACH WAY	HWD HARDWOOD	MFR MANUFACTURE	PRE FAB PREFABRICATED	SUSP SUSPENDED	
CM CENTIMETER	E EAST	HVC HEATING, VENTILATING &	MAS MASONRY	PT, PTD PAINT, PAINTED	SAT SUSPENDED ACOUSTICAL TILE	
CER CERAMIC	ELEC ELECTRICAL	HVC HEATING, VENTILATING &	MO MASONRY OPENING	PL PRESSURE TREATED	TEL TELEPHONE	
CT CERAMIC TILE	ELEV ELEVATION	HT, HGT HEIGHT	MAT MATERIALS	PT PROPERTY LINE	TEMP TEMPERATURE	
CB CHALK BOARD	ELV ELEVATOR	HEX HEXAGONAL	MECH MECHANICAL	PS CONC PRESTRESSED CONCRETE	THK THICKNESS	
CIRC CIRCUMFERENCE	EMER EMERGENCY	HWY HIGHWAY	MET METAL	QTY QUANTITY	TPD TOILET PAPER DISPENSER	
CO CLEAN OUT	ENCL ENCLOSURE	HM HOLLOW METAL	M METER	QT QUARRY TILE	TR TOILET ROOM	
CLR CLEAR						
CLOS CLOSET						



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DATE	DRAWN	CHECKED
02/12/24	DAP	DAP
SCALE AS NOTED		
SHEET TITLE		
TITLE SHEET		

MATERIAL SYMBOLS

EARTH	BRICK	GROUT/MORTAR
ROCK	STEEL/MISC. METAL	NON-FERROUS (TYPE AS NOTED)
GRAVEL TYPE 1 (ENGINEERED FILL)	STONE	ROUGH WOOD / BLOCKING
PRECAST CONCRETE	TERRAZZO	WOOD, FINISHED WOODWORK
CRUSHED STONE	MARBLE	PLYWOOD (LARGE SCALE)
CONCRETE MASONRY UNIT	CERAMIC TILE	GYPSUM BOARD

GRAPHIC SYMBOLS


(A) COLUMN CENTERLINE A	(1) 1 HR PARTITION TYPE 3(1 HR RATED)	--- -- -- PROPERTY LINE
(A201) DETAIL #3 ON SHEET A201	(1) REVISION NO. 1	-x- FENCE
(A201) BUILDING SECTION (NO.) OR WALL SECTION (LETTER) ON SHEET A201	+100.75 EXISTING SPOT ELEVATION	(O) EXISTING TREE TO REMAIN
(109) ROOM NUMBER 109	+100.75 FINISHED SPOT ELEVATION	(X) EXISTING TREE TO BE REMOVED
(A201) ELEVATION #2, 4 ON SHEET A201	100 EXISTING CONTOURS	(B) BENCHMARKS, FLOOR ELEV. OR OTHER VERTICAL ELEV.
(109) DOOR NUMBER 109	100 FINISHED CONTOURS	(A#) KEYNOTE SYMBOL - DEMOLITION AND NEW CONSTRUCTION
		(S) STORM SEWER
		(SAN) SANITARY SEWER
		(W) WATER LINE
		(G) GAS LINE
		(100) FURNITURE SYMBOL (NUMBER)
		(A) WINDOW TYPE (LETTER)
		(A#) ACCESSORIES SYMBOL (LETTER) EQUIPMENT SYMBOL (NUMBER)

PROJECT NUMBER

T1

DRAWING NUMBER

SPECIFICATIONS/GENERAL NOTES:

- IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, TO ALTER ANY ITEM ON THIS DOCUMENT IN ANY WAY.
- ANY LICENSEE WHO ALTERS THIS DOCUMENT IS REQUIRED BY LAW TO AFFIX THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND A SPECIFIC DESCRIPTION OF THE ALTERATIONS.
- TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THESE DRAWINGS ARE IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE AND THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE.

 Daniel A. Pieters Date: 02/12/2024
- COPYRIGHTS: THESE WORKING DRAWINGS ARE PROVIDED TO MAKE THE DETAILS OF THE BUILDING SHOWN AVAILABLE TO THE CLIENT AND TO THE CONTRACTOR CONSTRUCTING THIS PROJECT. ANY REPRODUCTION OF THIS DESIGN, IN WHOLE OR IN PART, IS PROHIBITED BY THE COPYRIGHT LAWS OF THE UNITED STATES OF AMERICA.
- DESIGN LOADS:
 FLOOR: 50 P.S.F. LIVE LOAD ROOF: 50 P.S.F. LIVE LOAD
 20 P.S.F. DEAD LOAD 20 P.S.F. DEAD LOAD
- SOIL PRESSURE: ASSUMED TO BE 3000 P.S.F. (GEOTECH. DATA NOT THE RESPONSIBILITY OF THE ARCHITECT). FINAL SELECTED SITE IS UNKNOWN BY THIS ARCHITECT.
- CONCRETE (ONCE FINAL SITE IS SELECTED):
 a. UNLESS OTHERWISE NOTED, ALL SLABS ON GRADE SHALL BE 3500 P.S.I. CONCRETE SLAB (28 DAY COMPRESSIVE STRENGTH) OVER A 6 MIL. POLYETHYLENE VAPOR BARRIER ON 8" POROUS GRAVEL REINFORCING SHALL BE 6X6 @ W1.4 X W1.4 WELDED WIRE MESH.
 b. PROVIDE #5 BAR @ 4'-0" OC. BETWEEN ALL CONCRETE SLABS AND ABUTTING CONCRETE OR MASONRY WALLS OCCURRING IN ALL LOCATIONS EXTERIOR OR UNHEATED INTERIOR SPACES. PROVIDE 2" OF RIGID INSULATION UNDER SLAB AND 2'-0" DOWN FOUNDATION WALL.
- FOUNDATIONS (ONCE FINAL SITE IS SELECTED):
 a. FOUNDATION FOOTINGS SHALL REST UPON UNDISTURBED (ORIGINAL) SOIL. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SUBGRADE CONDITIONS. MINIMUM TOP OF FOOTING COVERAGE IS 4'-0"
 b. CONCRETE BLOCK WALLS (CMU) SHALL BE CONSTRUCTED WITH:
 i. GRADE 'N', TYPE I, HOLLOW LOAD BEARING CONCRETE MASONRY UNITS WITH A MINIMUM NET COMPRESSIVE STRENGTH OF 1900 P.S.I.
 ii. TYPE 'S' MORTAR.
 iii. HORIZONTAL RE-INFORCING: "DUR-O-WAL" TRUSS TYPE RE-INFORCING, CONTINUOUS THROUGHOUT EVERY OTHER BLOCK COURSE.
 iv. VERTICAL RE-INFORCING: RE-INFORCE WALLS OF EXCAVATED AREA WITH NO. 7 VERTICAL REBARS AT 4'-0" O.C. AND AT EACH CORNER AND AT BOTH SIDES OF ANY OPENINGS IN THE FOUNDATION WALL(S).
 v. PLACE 5/8" DIAMETER BY 16" LONG SILL PLATE ANCHOR BOLTS AT EACH VERTICAL REBAR (WHERE OCCURRING) OR AT 32" O.C. AND AT EACH CORNER AND AT BOTH SIDES OF OPENINGS IN THE FOUNDATION WALL(S).
 c. WATERPROOF WALLS OF EXCAVATED AREAS WITH TROWLED ON CEMENT, TWO COATS OF TROWLED ON ASPHALTIC BASE WATERPROOFING AND "WRAP AND DRAIN" WATERPROOFING SYSTEM.
 d. PROVIDE 4" DIAMETER PERFORATED DRAINAGE TILE AT THE PERIMETER OF ALL FOUNDATION FOOTINGS IN EXCAVATED AREAS. COVER THE JOINTS IN THE DRAIN TILE WITH GEOTEXTILE FABRIC. COVER THE JOINTS IN THE DRAIN TILE WITH A MINIMUM OF 18" POROUS GRAVEL FILL. WRAP THE ENTIRE TILE/FILL ASSEMBLY IN GEOTEXTILE FABRIC WITH LAP SEAMS A MINIMUM OF 8".
- STRUCTURAL STEEL:
 a. ALL STRUCTURAL STEEL SHALL COMPLY WITH ASTM SPECIFICATION A-36.
 b. UNLESS OTHERWISE NOTED, PROVIDE A P.T. 2 BY PLATE BOLTED TO THE TOP FLANGE OF ALL BEAMS WITH 1/2" DIA. ANCHOR BOLTS STAGGERED AT 2'-0" O.C. RIGIDLY FASTEN ALL CONNECTING RAFTERS/JOISTS A MINIMUM OF 8".
- CARPENTRY:
 a. UNLESS OTHERWISE NOTED, FRAMING LUMBER SHALL BE DOUG-FIR, CONSTRUCTION GRADE. BEAMS, HEADERS AND FLOOR JOISTS SHALL HAVE AN ALLOWABLE BENDING STRESS OF 1200 P.S.I.
 b. UNLESS OTHERWISE NOTED PROVIDE:
 i. DOUBLE HEADER JOISTS AND TRIMMERS AT ALL FLOOR OPENINGS.

- DOUBLE FLOOR JOISTS UNDER ALL PARTITIONS RUNNING PARALLEL TO THE DIRECTION OF THE FLOOR FRAMING AND UNDER TUB, SHOWER AND TOILET.
- TRIPLE 2 X 10 HEADERS WITH 1/2" HIGH 'R' BETWEEN ALL DOOR AND WINDOW OPENINGS.
- TWO ROWS OF SOLID 2X10 BLOCK BRIDGING PER JOIST SPAN.
- FLOOR CONSTRUCTION: 23/32" TONGUE AND GROOVE ADVANTECH SHEATHING. GLUE AND SCREW ADVANTECH TO FLOOR JOISTS.
- USE WATER RESISTANT GYPSUM BOARD FOR WALLS AND CEILINGS IN ALL BATH AND TOILET AREAS, AND USE MARINE GRADE PLYWOOD IN THESE AREAS.
- EXTERIOR WALL SHEATHING: 7/16" X 48" X 96" EXTERIOR GRADE OSB.
- ALL INTERIOR WALLS AND CEILINGS SHALL BE FINISHED WITH 1/2" GYPSUM BOARD. PROVIDE METAL CORNER RE-INFORCING AT ALL EXTERIOR CORNERS. TAPE, FLOAT AND SAND A MINIMUM OF THREE COATS.
- WOOD TRUSSES SHALL BE DESIGNED BY AN ARCHITECT OR ENGINEER, OTHER THAN LICENSEE OF THESE DRAWINGS. LICENSED TO PRACTICE WITHIN THE STATE OF NEW YORK. STRUCTURAL AND INSTALLATION BRACING SHALL BE DESIGNED BY THE MANUFACTURER OF THE TRUSSES.
- INTERIOR TRIM AND FINISHES ARE SELECTED BY THE OWNER AND PROVIDED BY THE CONTRACTOR AS PART OF THESE DOCUMENTS.
- THIS BUILDING/HOUSE IS REQUIRED TO BE IN COMPLIANCE TO SECTION 602-OF THE 2020 NYSBC.
- MISCELLANEOUS: UNLESS OTHERWISE NOTED, PROVIDE:
 a. R-21 FIBERGLASS BATT INSULATION IN ALL EXTERIOR WALLS, R-30 FIBERGLASS BATT INSULATION IN ALL FLOORS AND R-38 BATT FIBERGLASS INSULATION IN ALL CEILINGS, ROOFS OR TRUSSES ADJACENT TO THE EXTERIOR OR UNHEATED INTERIOR SPACES. SPRAYED FOAM INSULATION MAY ALSO BE USED PER MANUF. RECOM.
 b. 1" OF RIGID INSULATION SHELTER-SHEATH AGAINST THE INTERIOR SIDE OF THE EXTERIOR CONCRETE BLOCK WALLS ALLOWING 1/2" OF AIR SPACE BETWEEN CMU AND RIGID INSUL., TAPE ALL SEAMS FOR VAPOR BARRIER.
 c. PROVIDE KRAFT FACE INSULATION FOR ALL BATT INSULATION TO ASSIST AS A VAPOR BARRIER ON THE INTERIOR SIDE OF ALL THERMAL INSULATION, PRIOR TO APPLYING FINISH.
 d. INSULATING GLAZING AT ALL EXTERIOR GLASS AREAS AND TEMPERED GLAZING IN ALL GLAZED OPENINGS LESS THAN 30" ABOVE FINISH FLOOR.
 e. CAULKING AT ALL PERIMETERS OF WINDOWS, DOORS AND BOTTOM PLATES.
- SITE INSPECTIONS SHALL NOT BE MADE BY THIS ARCHITECT. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ALL MATERIALS AND WORKMANSHIP. MATERIAL SUBSTITUTIONS SHALL BE MADE ONLY IF APPROVED BY THE ARCHITECT.
- THE CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL STATE, LOCAL AND FEDERAL CODES THAT GOVERN CONSTRUCTION AND VARIATIONS FROM THESE PLANS. CONTRACTOR RESPONSIBLE FOR PERMITTING.
- THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL CONDITIONS PRIOR TO THE START OF WORK.
- THE CONTRACTOR IS ALSO RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES AND SAFETY PRECAUTIONS IN CONNECTION WITH THIS PROJECT.
- THE CONTRACTOR/OWNER SHALL PERFORM EXPLORATORY EXCAVATION AND DEMOLITION AS REQUIRED TO NOTIFY THE ARCHITECT OF ANY UNFORESEEN CONDITIONS THAT MAY AFFECT THE OUTCOME OF THE PROJECT, PRIOR TO THE START OF CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DEVELOP THE NECESSARY FOUNDATION SOIL REQUIRED TO SUSTAIN THE LOADS OF THE DESIGN OF THE 2.5 TONS PER SQUARE FOOT AND TO HIRE A SOILS ENGINEER TO IMPACT AND VERIFY SOIL CONDITIONS PRIOR TO THE POURING OF FOUNDATIONS.
- THE CONTRACTOR SHALL REQUEST THE LOCATION OF ALL UTILITIES PRIOR TO THE START OF ALL CONSTRUCTION INCLUDING SEPTIC SYSTEM.
- THE CONTRACTOR SHALL INDEMNIFY THE OWNER AND THE OWNER'S AGENTS THROUGH ADEQUATE INSURANCE COVERAGE AGAINST ANY AND ALL CLAIMS ARISING FROM INJURY DURING CONSTRUCTION, INCLUDING FAILURE TO MAINTAIN SAFE CONDITIONS ON THE CONSTRUCTION SITE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH "OSHA" STANDARDS.
- THESE DRAWINGS HAVE BEEN PREPARED FOR DESIGN AND STRUCTURAL REFERENCE ONLY. ELECTRICAL, MECHANICAL, PLUMBING AND OTHER BUILDING SYSTEMS ARE TO BE ANALYZED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION AND ARE THE RESPONSIBILITY OF THE CONTRACTOR FOR SIZING AND PLACEMENT FOR HEATING, COOLING & VENTILATION.
- DECK FRAMING, GUARD POSTS, RAILINGS & GUARDS SHALL BE PROVIDED PER THE 2013 AMERICAN WOOD COUNCIL DCA-9 PRESCRIPTIVE RESIDENTIAL WOOD DECK CONSTRUCTION GUIDE.
- SMOKE AND CARBON MONOXIDE ALARMS ARE TO BE PROVIDED PER SECTION 705 & INSTALLED/MAINTAINED IN ACCORDANCE WITH SECTION 915 OF THE 2020 RESIDENTIAL CODE OF NEW YORK STATE.

DESIGN CRITERIA PARAMETERS SECTION R301:
 2020 RESIDENTIAL CODE OF NEW YORK STATE
 2020 ENERGY CONSERVATION CONSTRUCTION CODE
 OCCUPANCY CLASSIFICATION: ONE FAMILY DWELLING.
 CONSTRUCTION TYPE: TYPE V - STRUCTURAL WALLS, EXTERIOR WALLS, INTERIOR WALLS ARE OF ANY MATERIAL PERMITTED BY CODE.

THE BELOW CLASSIFICATIONS ARE A DESIGN MAXIMUM:
 GROUND SNOW LOAD: 60psf, OR LESS.
 WIND SPEED EXPOSURE: EXPOSURE B, URBAN AND SUBURBAN AREAS.
 ULTIMATE DESIGN SPEED 115MPH @ 33' ABOVE GROUND OR LESS.
 SEISMIC DESIGN CATEGORY: CATEGORY B OR LESS.
 FLOOD HAZARD: NOT TO BE LOCATED IN A FLOOD ZONE. FEMA MAP NUMBER REQUIRED AS PART OF THE SUBMISSION.
 CLIMATE ZONE: ZONE 5.
 RISK CATEGORY: (II)
 STORIES ABOVE GRADE: (1)
 SPRINKLERS THROUGHOUT: (NO)
 GROUND SNOW LOAD: 40 (SPENCERPORT, NY)
 BUILDING SQUARE FEET: (1,404 SF)
 BUILDING HEIGHT: (14'-1")
 FLOOD ZONE: (FINAL SITE UNKNOWN AT THIS TIME)
 SITE ELEVATION: (FINAL SITE UNKNOWN AT THIS TIME)
 FLOOD ZONE/FEMA MAP: (THIS HOUSE SHALL NOT BE LOCATED WITHIN A FLOOD ZONE).
 BRACED WALL DESIGN TO COMPLY WITH SECTION 602.10.
 INTERIOR WALL AND CEILING FINISH CLASS OF (C).

IT IS UNDERSTOOD THAT THE ABOVE DESIGN CLASSIFICATIONS ARE A MAXIMUM AND THE FINAL ERECTION PLACEMENT OF THIS HOUSE/STRUCTURE CAN NOT EXCEED THE ABOVE CRITERIA. PLEASE REVIEW WITH YOUR LOCAL PERMIT/ZONING AUTHORITIES PRIOR TO PURCHASING THIS HOUSE/STRUCTURE SO IT CAN BE DETERMINED THAT THIS HOUSE/STRUCTURE CAN BE LOCATED WITH-IN A ZONE/LOCATION THAT THESE MAXIMUM DESIGN CLASSIFICATIONS ARE ALLOWED IN.

HOUSE IS DESIGNED FOR CLIMATE ZONE 5. IF CLIMATE ZONE 6 IS WHERE HOUSE IS PLACED THAN THAT WOULD REQUIRE:
 CLOSED CELL SPRAY FOAM WITH:
 (COMPLY WITH RCNYS SECTION R316 FOAM PLASTICS)
 1. WALLS AT R23
 2. CEILINGS AT R60
 3. BASEMENT WALLS AT R19
 4. CRAWL SPACE WALLS AT R19
 5. FENESTRATION AT U.28

ALL INSULATION WILL NEED TO COMPLY WITH SECTION 302.10, FLAME SPREAD INDEX AND SMOKE-DEVELOPED INDEX OF THE RCNYS 2020.

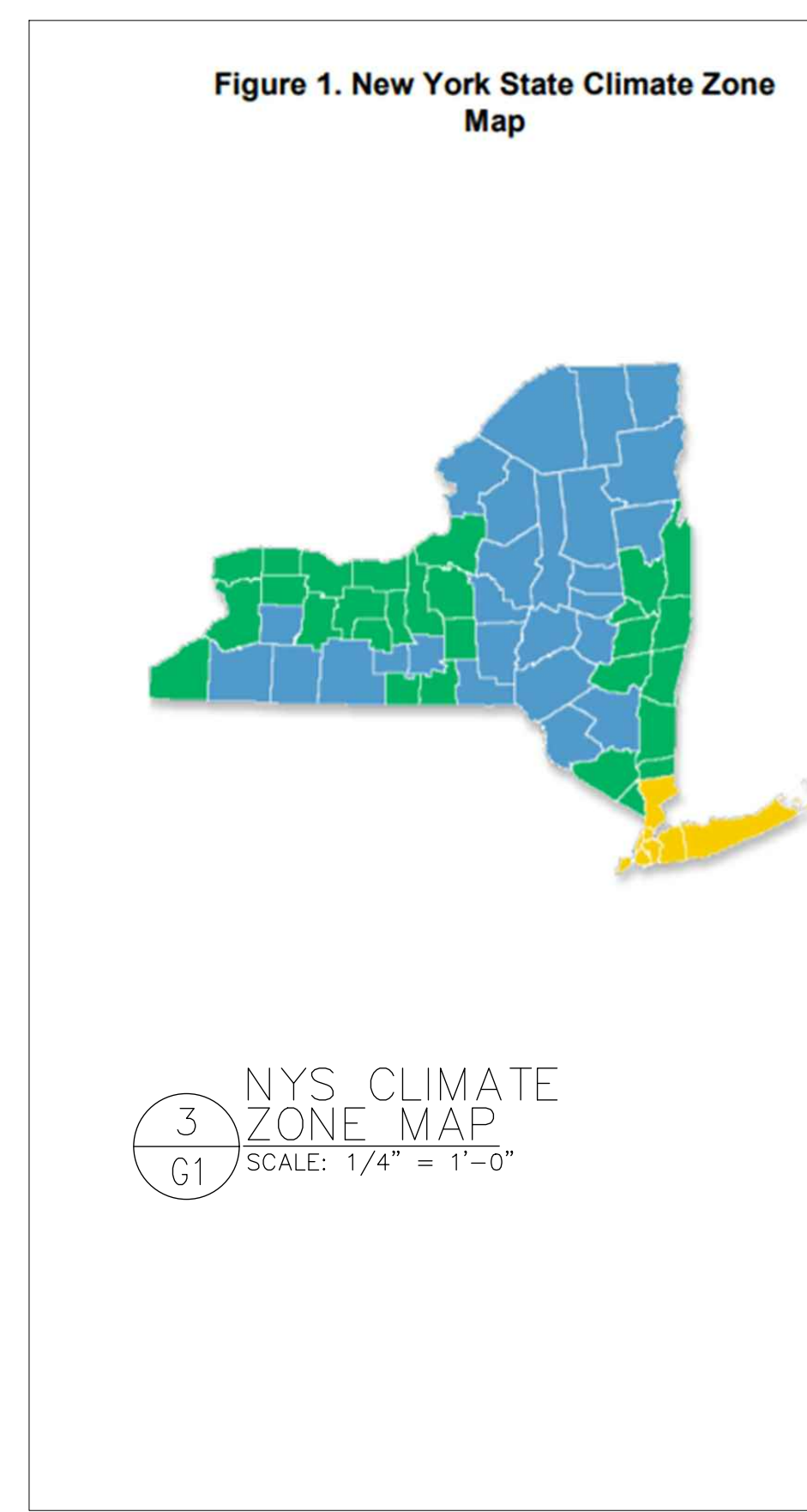


Table 1. New York State Climate Zone by County

Climate Zone 4			
Bronx	Nassau	Queens	Suffolk
Kings	New York	Richmond	Westchester
Climate Zone 5			
Albany	Erie	Ontario	Saratoga
Cayuga	Genesee	Orange	Schenectady
Chautauqua	Greene	Orleans	Seneca
Chemung	Livingston	Oswego	Tioga
Columbia	Monroe	Putnam	Washington
Cortland	Niagara	Rensselaer	Wayne
Dutchess	Onondaga	Rockland	Yates
Climate Zone 6			
Allegany	Franklin	Montgomery	Sullivan
Broome	Fulton	Oneida	Tompkins
Cattaraugus	Hamilton	Otsego	Ulster
Chenango	Herkimer	Schoharie	Warren
Clinton	Jefferson	Schuyler	Wyoming
Delaware	Lewis	St. Lawrence	
Essex	Madison	Steuben	

REVISIONS	NO.	DATE	BY	CHECKED	DESCRIPTION

DEPARTMENT OF STATE
 DIVISION OF BUILDING STANDARDS AND CODES
 ALBANY, NY 12212-0001
 Stamp of Approval for a System, Model or Component
 M0167 2023-094 Feb. 22, 2024
 Application No. Date of Approval
 Manufacturer's No. Application No. Date of Approval
 NOTICE: This approval is applicable only to those components of the factory manufactured building (Module) that are fabricated and assembled at the factory manufacturer's facility. This approval shall not relieve the manufacturer from responsibility for deviations, errors or omissions from the approved documents.
 All site related work must be reviewed for approval by the local Code Enforcement Official.
 John R. Addario, PE, Director By: Daniel A. Pieters
 Donald Thomas, Jr., RAIAA



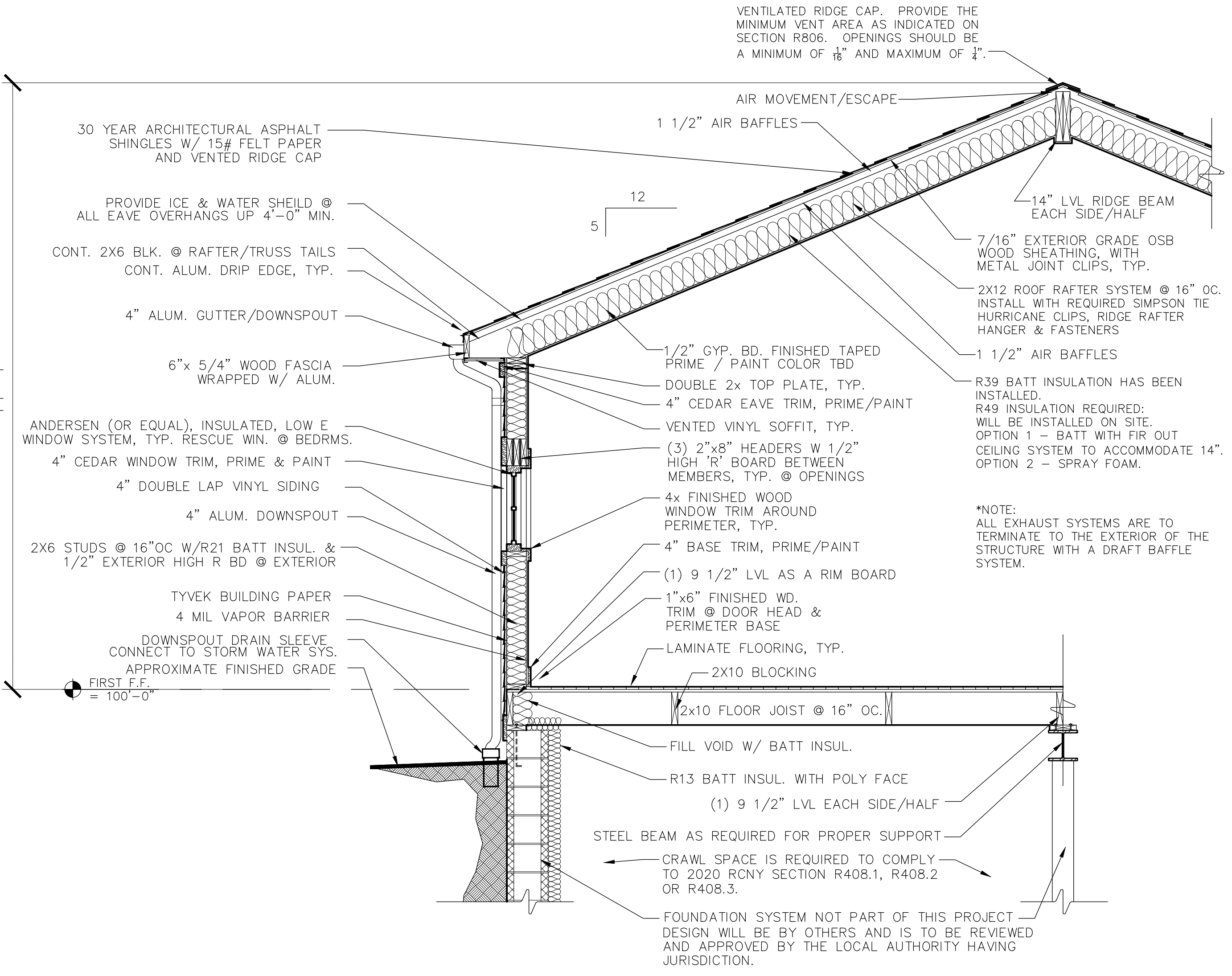
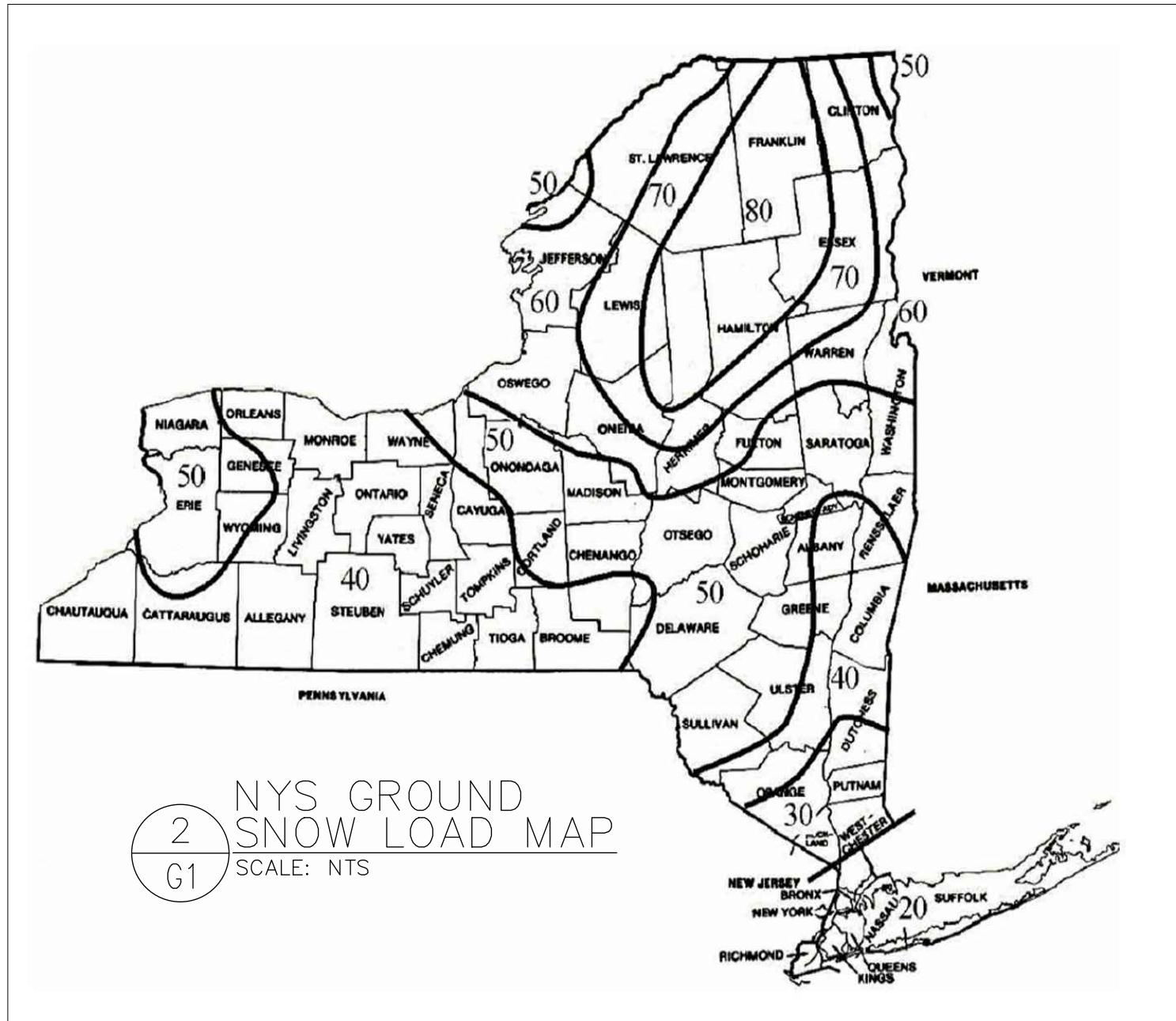
MONROE 2 - ORLEANS
 BOCES CTE
 NEW CONSTRUCTION
 STUDENT BUILT HOUSE
 9389 BIG RIDGE ROAD
 SPENCERPORT, NY 14489

DATE	DRAWN	CHECKED
02/12/24	DAP	DAP

SCALE AS NOTED

SHEET TITLE
 GENERAL REQ./ SPECIFICATIONS, CODE MAPS & DETAILS

PROJECT NUMBER
 DRAWING NUMBER
G1



1 TYPICAL WALL SECTION @ EACH SIDE/HALF SCALE: 1/2" = 1'-0"



16 NYCRR PART 753
 REQUIRES 2 WORKING DAYS NOTICE PRIOR TO START OF ANY UNDERGROUND WORK

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