Michael Hatcher
Westchester Modular Homes, Inc.
30 Reagans Mill Road
Wingdale, New York 12594

February 28, 2024

Re: Westchester Modular Homes, Inc., Wingdale, NY
NYSDOS Systems Approval No. M0659-2022-104

Submittal: 24015 5 Kopac Lane LLC Residence at 42 Schuyler Road Blauvelt, NY in Rockland County

Dear Mr. Hatcher,

Enclosed please find one (1) electronic copy of the accepted documents for the above referenced manufacturer**.**

PFS Corporation has completed a review only of the enclosed documents and found them to be within the approved systems documents on file with New York Department of State Codes Division and comply with the 2020 NYS Uniform Fire Prevention and Building Code which incorporates the 2020 Residential Code of NYS, 2020 Energy Conservation Construction Code of NYS and 2017 National Electrical Code. The review provided by PFS Corporation is to verify compliance within the approved systems documents only. The Design Professional of Record is responsible for the accuracy and compliance of the attached plans.

To the best of our knowledge, these plans have been found to be within compliance with the State of New York Rules and Regulations, Department of State, Title 19 (NYCRR), Chapter XXXII Division of Code Enforcement and Administration, Part 1209 Regulations and Fees for Factory Manufactured Buildings.

This is a file copy for your records, review and approval. Should you have any question, please feel free to call this office at any time.

Sincerely,
D. Renee Moist
Staff Plan Reviewer
Renee.moist@pfsteco.com
Northeast Regional Office

D. Renee Moist

Digitally signed by D. Renee Moist
DN: cn=D. Renee Moist, o=PFS TECO, ou=D. Renee Moist, email=renee.moist@pfsteco.com, c=US
Date: 2024.02.28 08:35:47 -05'00'
Adobe Acrobat version: 2020.005.30574

Enc: As stated above.
Cc: PFS – File copy
Donald Thomas, Jr., AIA (DOS)

DIVISION OF BUILDING STANDARDS AND CODES
STATE OF NEW YORK
DEPARTMENT OF STATE
ONE COMMERCE PLAZA
99 WASHINGTON AVENUE
ALBANY, NY 12231-0001
TELEPHONE: (518) 474-4073
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KATHY C. HOCHUL
GOVERNOR

ROBERT J. RODRIGUEZ
SECRETARY OF STATE

September 21, 2022

Mr. Mike Hatcher
Westchester Modular Homes
30 Reagans Mill Road
Wingdale, NY 12594

NYS RESIDENTIAL MODULAR SYSTEM RENEWAL
NEW SYSTEM APPROVAL NUMBER: **M0659-2022-104**
PREVIOUS APPROVAL NUMBER: **M00659-2020-056**

Dear Mr. Hatcher:
In reference to your written application for approval received August 9, 2022 to construct Factory Manufactured **Detached One-and-Two-Family Dwellings and Multiple Single-Family Dwellings (Townhouses) System of Models** designated **M0659-2022-104** is hereby approved to allow such construction in compliance with the 2020 NYS Uniform Codes (2020 RCNYS). This approval is authorized under Title 19 NYCRR Part 1209 and **will remain in effect until September 21, 2024,** unless sooner revoked, and is subject to renewal at that time. A revision in the adopted code version will also warrant a revision in this approval. The conditions of this Systems Approval also include the following:

Construction Classification:	Type VB
Maximum Ground Snow Load:	85 PSF
Seismic Design Category:	B, C and Do Townhouses shall be designed to Seismic C or Do (Per 2020 RCNYS Section R301.2.2)
Wind Speed:	115 mph to ≤140 mph Vult
Exposure Category:	B, C and D
Climate Zone:	4, 5, and 6
Additional Conditions:	See the System Cover Sheet for Wind Design Methodologies used in; “Hurricane Prone Regions” and “Non-Hurricane Prone Regions.”

1. The manufacturer will submit their Monthly Permit Report summarizing (listing) all permit sets with information about project location, dwelling type, production serial number, and approval number.

2. Individual permit sets are to be submitted to your independent third party agent for review prior to fabrication. Any deficiencies that are found will be reported to the Manufacturer and corrective actions shall be immediately undertaken. Every sheet of each permit plan set submitted shall be signed and sealed by a licensed design professional registered to practice in New York State. The design professional must also provide a statement on the cover sheet of the permit plan set that certifies the plans have been developed from the original systems set of plans and specifications. Additionally, the certifying design professional shall not be in any way affiliated or associated with the manufacturer’s third party quality assurance agency. The following statement may be used to provide this certification;

*“The plans and specifications of this permit plan set are derived from and consistent with the systems set of plans and specifications approved and on file with the Department of State, which were approved on September 8, 2022 under Systems number **M0659-2022-104**.”*

The approval identified above is limited to all construction that takes place in the factory. Site related work including installation and connection of the building and/or components, foundations, mechanical connections, stairs, decks, etc. is the responsibility of the Code Enforcement Official. The presence of the insignia of approval shall be presumptive evidence that the factory manufactured home or component complies with the provisions of the 2020 RCNYS. If the code enforcement official believes that any factory manufactured component is in violation of one or more provisions of the above referenced code, he/she should contact the DOS for further review and/or determination.

3. All trusses designed for use in Modular Buildings shall meet the requirements of the 2020 RCNYS and the design methodology associated with the ASCE 7-16 design standard.

   Individual permit plan sets shall provide as a minimum the following information (but not limited to):

   Cover Sheet which provides information on:
   - The homeowner/project name, project address including Zip Code and County location
   - Structural design criteria listing applicable design loads such as ground snow load, seismic design category, wind speed, live loads, dead loads, flood hazard, etc.
   - Applicable building codes and design specifications
   - Energy code information including method of compliance, the climate zone used for thermal design parameters, and a statement by a design professional certifying that the plans are in compliance with Chapter 11 Energy Efficiency of the 2020 RCNYS.
   - The Occupancy Classification, Type of Construction and square footage
   - Applicable general notes
   - Index of drawings
   - Manufacturer's title block
   - List of items NOT being provided by the modular manufacturer
   - Verify the intended foundation type and show height above grade, and if the AHJ has determined whether the home is three stories above grade and required to be equipped with an NFPA 13D Sprinkler System.
   - Additionally, you must verify the location of the building on the lot according to the 2020 RCNYS Section R302 "Fire-Resistant Construction". Identify the lines used to determine fire separation distance and provide protection complying with Table R302.1(1) "Exterior Walls" and Table R302.1(2) "Exterior Walls – Dwellings with Fire Sprinklers" and Table R302.6 "Dwelling-Garage Separation".

   Foundation Plan *(informational only)* showing:
   - Identify all uniform and concentrated gravity loads in addition to all sliding, uplift, and overturning loads imposed on the foundation by this specific model, all of which need to be used by a design professional in developing the final foundation design.
   - Anchor bolt/hold down locations and spacing, specialty anchor locations and types
   - Stairwell location and framing enclosure if required to complete the conditioned space enclosure

   Floor Plans showing:
   - Location of the "insignia of approval"
   - Room names with square foot area.
   - Amounts of required/provided light and ventilation and emergency egress window locations
   - Location and amounts of wall bracing based on Table R602.10.3 and length requirements based on Table R602.10.5, including the requirements specified in Section R602.11 for Seismic Design Categories "D0, D1 & D2"
   - Location/type of fire rated wall assemblies
   - Stairs with direction up or down
   - Doors, egress windows and safety glass locations
   - Header and beam sizes
   - Attic access locations
   - Locations of cathedral or vaulted ceilings
   - Applicable project specific notes

   Building Cross Sections showing:
   - Identification of structural members and roof system
   - Vertical dimensions floor to ceiling and bottom of truss
   - Materials used in roof and wall assemblies
   - Insulation locations and types, sizes and "R" values

- Field completed insulation assemblies
- Building integration details (module connections)
- Location/type of horizontal fire separation and required fire blocking
- Roof truss bracing and structural connections (uplift, lateral, etc.)
- Attic ventilation
- Applicable project specific notes

Building Elevations showing:
- Floor to floor wall heights
- Finished grade line with distance to 1st finished floor to show need for compliance with R313 for automatic sprinkler system. Show building mean roof height (MRH)
- Siding materials
- Window types, ventilation and egress area, U values
- Statement concerning code required field completed items (stairs, landings, decks, handrails, lighting, etc.)
- Label emergency egress windows
- Applicable project specific notes

Electrical Plans showing:
- Smoke and carbon monoxide detector locations
- GFCI outlet locations and arc fault protection provided
- Junction box locations for field connections and miscellaneous future installations
- Ventilation fan capacity and outlet locations
- Electrical load calculations
- Electric panel, Lighting and outlet locations
- Applicable project specific notes

Mechanical/Plumbing Plans showing:
- Drain, waste and venting layout including all pipe sizes (specific to permit set)
- Potable water supply piping (specific to permit set)
- Type and location of domestic hot water heating system
- Type and location of HVAC equipment and duct sizing information
- Heat loss calculations (if HVAC is provided by manufacturer)

Miscellaneous Plans and Details showing:
- Manufacturers truss drawings including special requirements addressed such as sliding, drifting or unbalanced snow load conditions
- Completed “Notice of Utilization of Truss Type Construction” form. (Title 19 NYCRR Part 1265)
- Summary of references to system for selection of structural members
- REScheck energy compliance reports (specific to permit set)
- Window and Door Schedules providing manufacturers’ information

It should be noted that each page of drawings and calculations shall be signed, sealed, and dated by a New York State registered design professional. This approval is subject to the condition that all construction is to be in conformance with the 2020 New York State Uniform Code (2020 RCNYS). **A copy of this letter shall accompany all plans and specifications submitted as part of a permit application to the local jurisdiction.**

Prior to shipment from the factory each manufactured home, model and component shall have securely attached thereto a NYS Insignia as stipulated in Part 1209 of Title 19 NYCRR, paragraph 1209.5. The Insignia of Approval Order form is available by emailing me at: donald.thomas@dos.ny.gov
Please Note: Use the **NEW** System Approval Number (at the top of this letter) when ordering Insignia.

Sincerely,

Don Thomas Jr., AIA/CEO – Senior Architect

Attachment: NYSDOS Stamped set of pdf Systems drawings
cc: Renee Moist - PFS Corporation

Martha Ferreira

Subject: FW: 22-004 Contreras

From: Dawn Moore <dmoore@westchestermodular.com>
Sent: Wednesday, June 08, 2022 8:48 AM
To: Patrick Hatcher <phatcher@westchestermodular.com>
Subject: FW: Wind Speed for 12 Queens Court

From: Domenic Miano <dmiano@orangetown.com>
Sent: Wednesday, June 8, 2022 7:55 AM
To: Dawn Moore <dmoore@westchestermodular.com>
Subject: RE: Wind Speed for 12 Queens Court

Good morning Dawn,
Please see the attached chart ,

This is the Climatic and geographic design criteria chart for "this region (Zone 5A)"

Table R301.2 (1)
CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

Ground Snow Load	Wind Speed (MPH)	Seismic Design Category	SUBJECT TO DAMAGE FROM			Ice Shield Underlayment Required	Flood Hazards
			Weathering	Frost Depth	Termite		
30psf	115	B	5	36"	Mod/Heav	Yes	Yes

Regards,

Domenic Miano

Assistant Building Inspector

Town of Orangetown

845-359-8410 Ext. 4314

dmiano@orangetown.com

Building Department Website

Town Zoning Code

Generated by RES*check-Web* Software

Compliance Certificate

Project 24015

Energy Code:	**2020 NYStretch - 2018 IECC**
Location:	**Blauvelt, New York**
Construction Type:	**Single-family**
Project Type:	**New Construction**
Conditioned Floor Area:	**2,562 ft2**
Glazing Area	**14%**
Climate Zone:	**5 (5199 HDD)**
Permit Date:	
Permit Number:	

Construction Site:
24 SCHUYLER ROAD
BLAUVELT, NY 10913

Owner/Agent:
5 KOPAC LANE LLC
WMHCC OF O.C.
642 INTERNATIONAL BLVD
ROCK TAVERN, NY 12575

Designer/Contractor:
VINCENT L. GIORGIO
WESTCHESTER MODULAR HOMES
30 REAGANS MILL ROAD
WINGDALE, NY 12594

Compliance: Passes using UA trade-off

Compliance: **0.0% Better Than Code** Maximum UA: **326** Your UA: **326** Maximum SHGC: **0.00** Your SHGC: **0.28**

The % Better or Worse Than Code Index reflects how close to compliance the house is based on code trade-off rules.
It DOES NOT provide an estimate of energy use or cost relative to a minimum-code home.

Slab-on-grade tradeoffs are no longer considered in the UA or performance compliance path in REScheck. Each slab-on-grade assembly in the specified climate zone must meet the minimum energy code insulation R-value and depth requirements.

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Prop. U-Factor	Req. U-Factor	Prop. UA	Req. UA
Ceiling: Raised or Energy Truss	1,524	49.0	0.0	0.020	0.026	30	40
Wall: Wood Frame, 16" o.c.	2,528	21.0	6.5	0.040	0.045	83	94
Door: Solid Door (under 50% glazing)	20			0.140	0.270	3	5
Door 1: Solid Door (under 50% glazing)	15			0.200	0.270	3	4
Door 2: Glass Door (over 50% glazing) SHGC: 0.24	6			0.340	0.270	2	2
Door 3: Glass Door (over 50% glazing) SHGC: 0.32	49			0.280	0.270	14	13
Window: Wood Frame SHGC: 0.28	354			0.320	0.270	113	96
Ceiling Perimeter: Wood Frame, 16" o.c.	82	21.0	0.0	0.057	0.045	5	4
2nd Floor Perimeter: Wood Frame, 16" o.c.	108	13.1	0.0	0.082	0.045	9	5
Basement Wall: Wood Frame, 16" o.c.	196	15.0	0.0	0.077	0.045	14	8
Door 4: Solid Door (under 50% glazing)	20			0.140	0.270	3	5
Floor: All-Wood Joist/Truss	1,524	32.0	0.0	0.031	0.033	47	50

Compliance Statement: The proposed building design described here is consistent with the building plans, specifications, and other calculations submitted with the permit application. The proposed building has been designed to meet the 2020 NYStretch - 2018 IECC requirements in RES*check* Version : REScheck-Web and to comply with the mandatory requirements listed in the RES*check* Inspection Checklist.

Vincent L. Giorgio - Designer	Vincent L. Giorgio	02/12/24
Name - Title	Signature	Date

RES*check* Software Version : REScheck-Web

Inspection Checklist

Energy Code: 2020 NYStretch - 2018 IECC

Requirements: 0.0% were addressed directly in the RES*check* software

Text in the "Comments/Assumptions" column is provided by the user in the REScheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Pre-Inspection/Plan Review	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
103.1, 103.2 [PR1][1]	Construction drawings and documentation demonstrate energy code compliance for the building envelope. Thermal envelope represented on construction documents.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
103.1, 103.2, 403.7 [PR3][1]	Construction drawings and documentation demonstrate energy code compliance for lighting and mechanical systems. Systems serving multiple dwelling units must demonstrate compliance with the IECC Commercial Provisions.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
302.1, 403.7 [PR2][2]	Heating and cooling equipment is sized per ACCA Manual S based on loads calculated per ACCA Manual J or other methods approved by the code official.	Heating: Btu/hr____ Cooling: Btu/hr____	Heating: Btu/hr____ Cooling: Btu/hr____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

Section # & Req.ID	Foundation Inspection	Complies?	Comments/Assumptions
303.2.1 [FO11]2	A protective covering is installed to protect exposed exterior insulation and extends a minimum of 6 in. below grade.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.9 [FO12]2	Snow- and ice-melting system controls installed.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

Section # & Req.ID	Framing / Rough-In Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
402.1.1, 402.3.4 [FR1][1]	Door U-factor.	U-____	U-____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
402.1.1, 402.3.1, 402.3.3, 402.5 [FR2][1]	Glazing U-factor (area-weighted average).	U-____	U-____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
303.1.3 [FR4][1]	U-factors of fenestration products are determined in accordance with the NFRC test procedure or taken from the default table.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
402.4.1.1 [FR23][1]	Air barrier and thermal barrier installed per manufacturer's instructions. An approved third-party will inspect all components and verify compliance. See section details and guidance from Table R402.4.1.1.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
402.4.3 [FR20][1]	Fenestration that is not site built is listed and labeled as meeting AAMA /WDMA/CSA 101/I.S.2/A440 or has infiltration rates per NFRC 400 that do not exceed code limits.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
402.4.5 [FR16][2]	IC-rated recessed lighting fixtures sealed at housing/interior finish and labeled to indicate ≤2.0 cfm leakage at 75 Pa.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.3.1 [FR12][1]	Supply and return ducts in attics insulated >= R-8 where duct is >= 3 inches in diameter and >= R-6 where < 3 inches. Supply and return ducts in other portions of the building insulated >= R-6 for diameter >= 3 inches and R-4.2 for < 3 inches in diameter.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.3.2 [FR13][1]	Ducts, air handlers and filter boxes are sealed with joints/seams compliant with International Mechanical Code or International Residential Code, as applicable.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.3 [FI32][1]	Duct system in new buildings and additions are located in a conditioned space in accordance with Sections R403.3.7 (1-2).			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.3.8 [FI33][1]	Ducts are sized in accordance with ACCA Manual D and sections R403.7-8.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.3.5 [FR15][3]	Building cavities are not used as ducts or plenums.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

Section # & Req.ID	Framing / Rough-In Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
403.3.7 [FR28][3]	Ducts declared to be within the conditioned space are either 1) completely within the continuous air barrier and within the building thermal envelope, 2) buried within ceiling insulation in accordance with Section R403.3.6 and the air handler is located completely within the continuous air barrier and within the building thermal envelope and the duct leakage is <= 1.5 cfm / 100 square feet of conditioned floor area served by the duct system, or 3) the ceiling insulation R-value installed against and above the insulated duct >= to the proposed ceiling insulation R-value, less the R-value of the insulation on the			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.4 [FR17][2]	HVAC piping conveying fluids above 105 ºF or chilled fluids below 55 ºF are insulated to ≥R-3.	R-_____	R-_____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.4.1 [FR24][1]	Protection of insulation on HVAC piping.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.5.3 [FR18][2]	Hot water pipes are insulated to ≥R-3.	R-_____	R-_____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.5 [FR29][2]	Energy conservation measures for SWH systems follow guidelines in section R403.5.1-5.	R-_____	R-_____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.6 [FR19][2]	Automatic or gravity dampers are installed on all outdoor air intakes and exhausts.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

Section # & Req.ID	Insulation Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
303.1 [IN13][2]	All installed insulation is labeled or the installed R-values provided.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
402.1.1, 402.2.6 [IN1][1]	Floor insulation R-value.	R-____ ☐ Wood ☐ Steel	R-____ ☐ Wood ☐ Steel	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
303.2, 402.2.8 [IN2][1]	Floor insulation installed per manufacturer's instructions and in substantial contact with the underside of the subfloor, or floor framing cavity insulation is in contact with the top side of sheathing, or continuous insulation is installed on the underside of floor framing and extends from the bottom to the top of all perimeter floor framing members.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
402.1.1, 402.2.5, 402.2.6 [IN3][1]	Wall insulation R-value. If this is a mass wall with at least ½ of the wall insulation on the wall exterior, the exterior insulation requirement applies (FR10).	R-____ ☐ Wood ☐ Mass ☐ Steel	R-____ ☐ Wood ☐ Mass ☐ Steel	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
303.2 [IN4][1]	Wall insulation is installed per manufacturer's instructions.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

Section # & Req.ID	Final Inspection Provisions	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
402.1.1, 402.2.1, 402.2.2, 402.2.6 [FI1][1]	Ceiling insulation R-value.	R-_____ ☐ Wood ☐ Steel	R-_____ ☐ Wood ☐ Steel	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
303.1.1.1, 303.2 [FI2][1]	Ceiling insulation installed per manufacturer's instructions. Blown insulation marked every 300 ft².			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
402.2.3 [FI22][2]	Vented attics with air permeable insulation include baffle adjacent to soffit and eave vents that extends over insulation.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
402.2.4 [FI3][1]	Attic access hatch and door insulation ≥R-value of the adjacent assembly.	R-_____	R-_____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
402.4.1.2 [FI17][1]	Blower door test @ 50 Pa. <=5 ach in Climate Zones 1-2, and <=3 ach in Climate Zones 3-8.	ACH 50 =_____	ACH 50 =_____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.3.3 [FI27][1]	Ducts are pressure tested to determine air leakage with either: Rough-in test: Total leakage measured with a pressure differential of 0.1 inch w.g. across the system including the manufacturer's air handler enclosure if installed at time of test. Postconstruction test: Total leakage measured with a pressure differential of 0.1 inch w.g. across the entire system including the manufacturer's air handler enclosure.	_____ cfm/100 ft²	_____ cfm/100 ft²	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.3.4 [FI4][1]	Duct tightness test result of <=4 cfm/100 ft2 across the system or <=3 cfm/100 ft2 without air handler @ 25 Pa. For rough-in tests, verification may need to occur during Framing Inspection.	_____ cfm/100 ft²	_____ cfm/100 ft²	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.3.2.1 [FI24][1]	Air handler leakage designated by manufacturer at <=2% of design air flow.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.1.1 [FI9][2]	Programmable thermostats installed for control of primary heating and cooling systems and initially set by manufacturer to code specifications.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.1.2 [FI10][2]	Heat pump thermostat installed on heat pumps.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.5.1 [FI11][2]	Circulating service hot water systems have automatic or accessible manual controls.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

Section # & Req.ID	Final Inspection Provisions	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
403.6.1 [FI25][2]	All mechanical ventilation system fans not part of tested and listed HVAC equipment meet efficacy and air flow limits per Table R403.6.1.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.6.2 [FI34][2]	Every dwelling unit is served by a heat recovery ventilator (HRV) or energy recovery ventilator (ERV) installed per manufacturer's instructions. The HRV/ERV is listed and sized adequately for the specific application, which will include the building's conditioned area, and number of occupants.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.6.3 [FI35][2]	Installed performance of the mechanical ventilation system is tested and verified by an approved agency and measured using a flow hood, flow grid, or other airflow measuring device.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.2 [FI26][2]	Hot water boilers supplying heat through one- or two-pipe heating systems have outdoor setback control to lower boiler water temperature based on outdoor temperature.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.5.1.1 [FI28][2]	Heated water circulation systems have a circulation pump. The system return pipe is a dedicated return pipe or a cold water supply pipe. Gravity and thermos-syphon circulation systems are not present. Controls for circulating hot water system pumps start the pump with signal for hot water demand within the occupancy. Controls automatically turn off the pump when water is in circulation loop is at set-point temperature and no demand for hot water exists.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.5.1.2 [FI29][2]	Electric heat trace systems comply with IEEE 515.1 or UL 515. Controls automatically adjust the energy input to the heat tracing to maintain the desired water temperature in the piping.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.5.2 [FI30][2]	Demand recirculation water systems have controls that manage operation of the pump and limit the temperature of the water entering the cold water piping to <= 104ºF.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

Section # & Req.ID	Final Inspection Provisions	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
403.5.4 [FI31][2]	Drain water heat recovery units have >= 40 percent efficiency if installed for equal flow or >=52 percent efficiency if installed for unequal flow. Vertical drain water heat recovery units comply with CSA B55.2 and tested and labeled in accordance with CSA B55.1. Potable water-side pressure loss of drain water heat recovery units are < 3 psi for individual units connected to one or two showers. Potable water-side pressure loss of drain water heat recovery units are < 2 psi for individual units connected to three or more showers.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.5.5(1-4) [FI33][2]	Heated water supply piping is in acccordance with one of the following: 1) Maximum allowable pipe length method, 2) Maximum allowable pipe volume mehtod, 3) Drain water heat recovery units, or 4) Recirculation Systems.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
404.1 [FI6][1]	90% or more of permanent fixtures have lamps with an efficacy >= 65 lumans/watt or have a total luminaire efficacy >= 45 lumens/watt.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
404.2 [FI35][1]	Detached one and two-family dwellings and townhouses where the conditioned space is > 1,400 sf comply with the requirements of Appendix RA.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
404.3 [FI36][1]	One or two-family dwellings and townhouses with parking area provided on the building site shall have a 208/240V 40-amp outlet for each dwelling unit or panel capacity and conduit for the future installation of such an outlet. See section details.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
404.1.1 [FI23][3]	Fuel gas lighting systems have no continuous pilot light.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
401.3 [FI7][2]	Compliance certificate posted.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
303.3 [FI18][3]	Manufacturer manuals for mechanical and water heating systems have been provided.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

2020 NYStretch - 2018 IECC Energy Efficiency Certificate

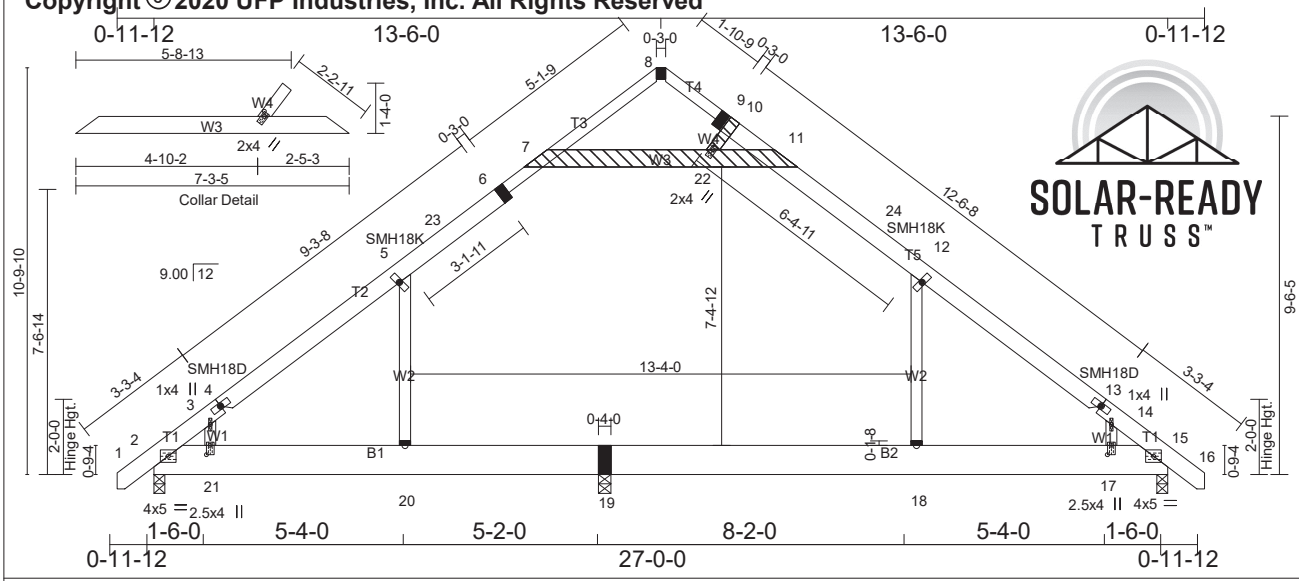
Insulation Rating	R-Value	
Above-Grade Wall	27.50	
Below-Grade Wall	0.00	
Floor	32.00	
Ceiling / Roof	49.00	
Ductwork (unconditioned spaces):	_____	
Glass & Door Rating	**U-Factor**	**SHGC**
Window	0.32	0.28
Door	0.28	0.32
Heating & Cooling Equipment	**Efficiency**	
Heating System:_____	_____	
Cooling System:_____	_____	
Water Heater:_____	_____	

Name: _____ **Date:** _____

Comments

Job	Truss	Truss Type	Qty	Ply	Westchester 212
103849	CCE25901	HINGED ATTIC	1	1	9 Stor-2700 [1200-1500]

UFP Industries Inc., Grand Rapids, MI 49525, Mike Patten — 8.410 e Jun 25 2020 MiTek Industries, Inc. Thu Nov 19 13:15:10 2020 Page 1 of 2



SOLAR-READY TRUSS™

Plate Offsets (X,Y)-- [4:0-1-4,0-0-0], [5:0-1-4,0-1-0], [12:0-1-4,0-1-0], [13:0-1-4,0-0-0], [17:0-3-0,0-1-4], [21:0-3-0,0-1-4], [22:0-1-4,0-1-0]

LOADING (psf)		**SPACING-**	1-4-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	42.3	Plate Grip DOL	1.15	TC	0.75	Vert(LL)	-0.34	18-19	>528	240	MT20	197/144
(Ground Snow=55.0)		Lumber DOL	1.15	BC	0.78	Vert(CT)	-0.46	18-19	>384	180	MT18HS	197/144
TCDL	15.0	Rep Stress Incr	YES	WB	0.43	Horz(CT)	0.01	15	n/a	n/a		
BCLL	0.0 *	Code	IBC2018/TPI2014	Matrix-R		Attic	-0.34	18-19	586	360	Weight: 146 lb	FT = 0%
BCDL	10.0											

LUMBER-
TOP CHORD 2x6 SPF No.2 *Except*
T3,T4: 2x4 SPF No.2
BOT CHORD 2x10 SPF No.2
WEBS 2x4 SPF Stud *Except*
W1: 2x4 SPF No.2, W3: 2x6 SPF No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-7-1 oc purlins. [P]
BOT CHORD Rigid ceiling directly applied or 7-1-14 oc bracing.

REACTIONS. (lb/size) 2=1104/0-3-8 (min. 0-1-12), 19=394/0-4-0 (min. 0-1-8), 15=1148/0-3-8 (min. 0-1-14)
Max Horz 2=401(LC 8)
Max Uplift 2=-292(LC 9), 19=-122(LC 9), 15=-329(LC 10)
Max Grav 2=1130(LC 15), 19=673(LC 2), 15=1207(LC 16)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/65, 2-3=-1023/183, 3-4=-1035/286, 4-5=-1007/289, 5-23=-982/321, 6-23=-880/324, 6-7=-746/338, 7-8=-266/55, 8-9=-103/56, 9-10=-127/49, 10-11=-196/48, 11-24=-868/343, 12-24=-951/321, 12-13=-1011/269, 13-14=-1041/261, 14-15=-1021/179, 15-16=0/65
BOT CHORD 2-21=-107/716, 20-21=-107/716, 19-20=-107/716, 18-19=-107/716, 17-18=-107/716, 15-17=-107/716
WEBS 12-18=-348/266, 3-21=-122/293, 14-17=-134/325, 5-20=-404/295, 7-22=-669/390, 11-22=-827/435, 10-22=-220/341

REQUIRED FIELD JOINT CONNECTIONS - Maximum Compression (lb)/ Maximum Tension (lb)/ Maximum Shear (lb)/ Maximum Moment (lb-in)
6=813/334/224/0, 7=683/396/100/0, 8=85/57/78/0, 9=122/49/80/0, 10=220/341/0/0, 11=827/435/175/0, 18=348/266/0/0, 19=107/716/426/0, 20=404/295/0/0

NOTES-
1) Wind: ASCE 7-16; Vult=142mph (3-second gust) Vasd=112mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp D; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2E) -0-10-8 to 2-1-8, Interior(1) 2-1-8 to 10-4-15, Exterior(2R) 10-4-15 to 16-5-7, Interior(1) 16-5-7 to 24-10-8, Exterior(2E) 24-10-8 to 27-10-8 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-16; Pg=55.0 psf; Ps=42.3 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat D; Sheltered; Ce=1.0; Cs=1.00; Ct=1.10
3) Roof design snow load has been reduced to account for slope.
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 15.0 psf or 2.00 times flat roof load of 42.3 psf on overhangs non-concurrent with other l loads.
6) All plates are MT20 plates unless otherwise indicated.
7) See HINGE PLATE DETAILS for plate placement.
8) Provisions must be made to prevent lateral movement of hinged member(s) during transportation.
9) All additional member connections shall be provided by others for forces as indicated.
10) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
11) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the b chord and any other members.
12) Ceiling dead load (5.0 psf) on member(s). 5-7, 11-12, 7-22, 11-22
13) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 19-20, 18-19
14) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 292 lb uplift at joint 2, 122 lb uplift at joint 19 and 329 lb upl joint 15.
15) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
16) Attic room checked for L/360 deflection.
17) Take precaution to keep the chords in plane, any bending or twisting of the hinge plate must be repaired before the building is put into service.
18) The field-installed members are an integral part of the truss design. Retain a design professional to specify final field connections and temporary suppo field-installed members must be properly fastened prior to applying any loading to the truss. This design anticipates the final set position.

The professional engineering seal indicates that a licensed professional engineer has designed the truss under the standards referenced within this document, not necessarily the current state building code. The engineering seal is not an approval to use in a specific state. The final determination on whether a truss design is acceptable under the locally adopted building code rest with the building official or designated appointee.

11/19/2020

Job	Truss	Truss Type	Qty	Ply	Westchester 212
103849	CCE25901	HINGED ATTIC	1	1	9 Stor-2700 [1200-1500]

19) This Solar-Ready Truss™ was designed to accomodate the loading stated on this truss engineering drawing. Reference UFP Engineering Bulletin 19-02 for further information on the Solar-Ready Truss™ program. For loading condtions that differ from those shown on the truss print, a custom design will be necessary. An extra 5 PSF top chord dead load has been included in the TCDL as shown.

The professional engineering seal indicates that a licensed professional engineer has designed the truss under the standards referenced within this document, not necessarily the current state building code. The engineering seal is not an approval to use in a specific state. The final determination on whether a truss design is acceptable under the locally adopted building code rest with the building official or designated appointee.

UFP INDUSTRIES

Job	Truss	MFG	Customer
103849	CCE25901	212	WEST CHESTER

The professional engineering seal indicates that a licensed professional has reviewed the design under the standards referenced within this document, not necessarily the current state building code. The engineering seal is not an approval to use a design in a specific state. The final determination on whether a truss design is acceptable under the locally adopted building code rest with the building official or designated appointee.

Corporate Engineering
2801 East Beltline, NE Grand Rapids, MI 49525-9736 (616) 364-6161 Fax (616) 365-0060
ufpi.com

Job	Truss	Truss Type	Qty	Ply	
115761	CCF60601	HINGED ATTIC	1	1	West Chester 212 9 STOR 2710 (12-1510) PRE ASSEM

UFP Industries Inc., Grand Rapids, MI 49525, Steve Minahan — 8.720 e Sep 6 2023 MiTek Industries, Inc. Thu Feb 8 08:51:01 2024 Page 1 of 2

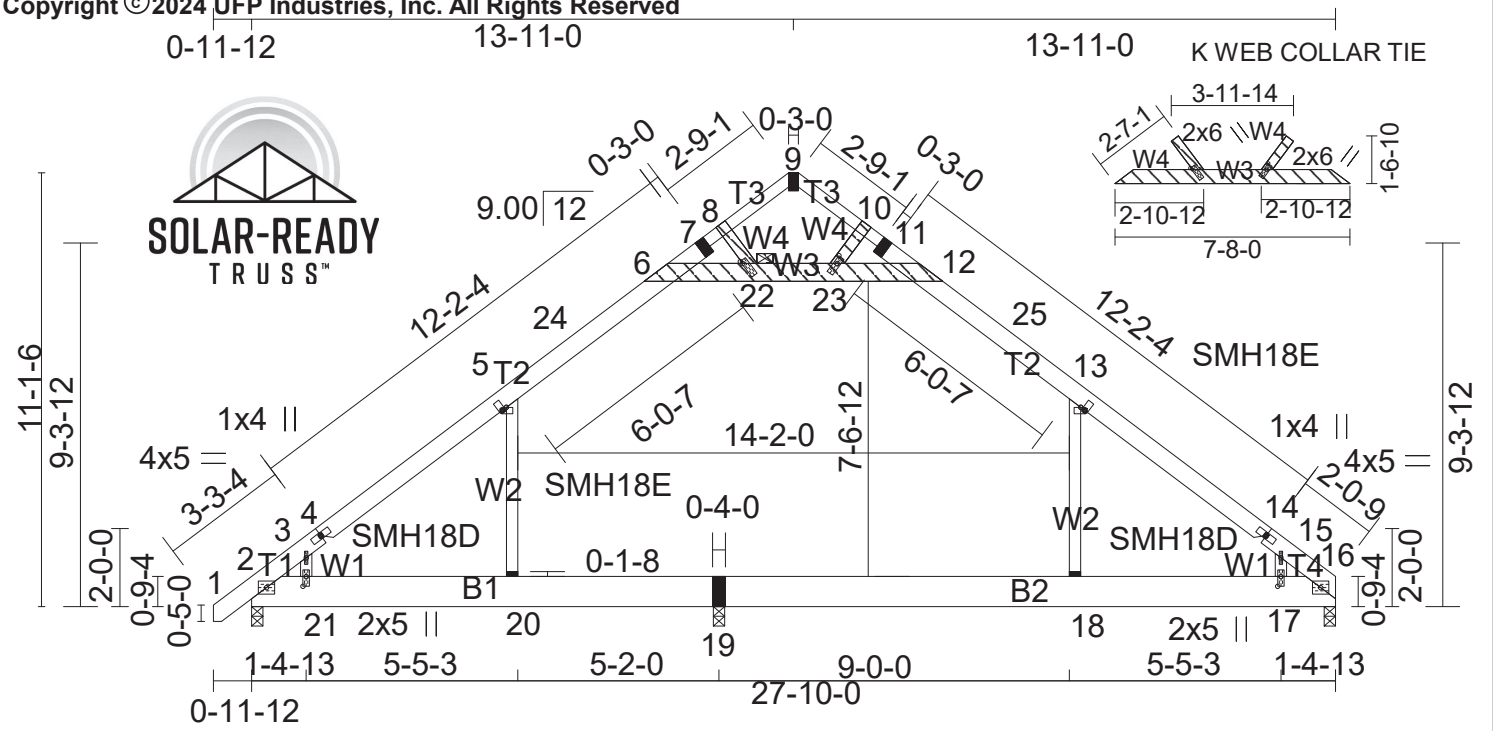


Plate Offsets (X,Y)-- [4:0-1-4,0-0-0], [5:0-1-4,0-1-0], [13:0-1-4,0-1-0], [14:0-1-4,0-0-0], [17:0-3-0,0-1-0], [21:0-3-0,0-1-0], [22:0-0-15,0-0-4], [23:0-2-4,0-1-0]

LOADING (psf)		SPACING-	1-4-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	42.3	Plate Grip DOL	1.15	TC	0.56	Vert(LL)	-0.39	18-19	>488	240	MT20	197/144
(Ground Snow=55.0)		Lumber DOL	1.15	BC	0.80	Vert(CT)	-0.54	18-19	>348	180	MT18HS	197/144
TCDL	15.0	Rep Stress Incr	YES	WB	0.44	Horz(CT)	0.01	16	n/a	n/a		
BCLL	0.0 *	Code IBC2018/TPI2014		Matrix-R		Attic	-0.39	18-19	562	360	Weight: 151 lb	FT = 0%
BCDL	10.0											

LUMBER-
TOP CHORD 2x6 SPF No.2 *Except*
T3: 2x4 SPF No.2
BOT CHORD 2x10 SPF No.2
WEBS 2x4 SPF No.2 *Except*
W3: 2x6 SPF No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-7-3 oc purlins. [P]
BOT CHORD Rigid ceiling directly applied or 6-6-1 oc bracing.
JOINTS 1 Brace at Jt(s): 22

REACTIONS. (lb/size) 16=1103/0-3-8, 2=1126/0-3-8, 19=418/0-3-8
Max Horz 2=358(LC 9)
Max Uplift16=-303(LC 13), 2=-289(LC 12), 19=-140(LC 12)
Max Grav 16=1169(LC 21), 2=1141(LC 20), 19=767(LC 23)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/65, 2-3=-1181/189, 3-4=-1130/288, 4-5=-1109/296, 5-24=-959/334, 6-24=-873/361, 6-7=-359/74, 7-8=-268/92, 8-9=-271/91, 9-10=-306/104, 10-11=-304/95, 11-12=-405/89, 12-25=-929/349, 13-25=-995/327, 13-14=-1078/248, 14-15=-1107/240, 15-16=-1108/135
BOT CHORD 2-21=-89/793, 20-21=-89/793, 19-20=-89/793, 18-19=-89/793, 17-18=-89/793, 16-17=-89/793
WEBS 13-18=-303/255, 3-21=-236/342, 15-17=-327/372, 5-20=-418/316, 6-22=-877/462, 22-23=-569/353, 12-23=-777/405, 8-22=-234/515, 10-23=-250/398

REQUIRED FIELD JOINT CONNECTIONS - Maximum Compression (lb)/ Maximum Tension (lb)/ Maximum Shear (lb)/ Maximum Moment (lb-in)
6=877/462/196/0, 7=308/89/427/0, 8=252/515/49/0, 9=178/105/154/0, 10=297/398/36/0, 11=347/92/340/0, 12=777/405/139/0, 18=303/255/0/0, 19=89/793/449/0. 20=418/316/0/0

NOTES- (17-19)
1) Wind: ASCE 7-16; Vult=142mph (3-second gust) Vasd=112mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp D; Enclosed; MWFRS (envelope) ga zone and C-C Exterior(2E) -0-10-8 to 2-1-8, Interior(1) 2-1-8 to 10-9-4, Exterior(2R) 10-9-4 to 17-0-12, Interior(1) 17-0-12 to 24-8-4, Exterior(2E) 24-8-4 27-8-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-16; Pg=55.0 psf; Ps=42.3 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat D; Sheltered; Ce=1.0; Cs=1.00; Ct=1.10
3) Roof design snow load has been reduced to account for slope.
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 15.0 psf or 2.00 times flat roof load of 42.3 psf on overhangs non-concurrent with other loads.
6) All plates are MT20 plates unless otherwise indicated.

The professional engineering seal indicates that a licensed professional engineer has designed the truss under the standards referenced within this document, not necessarily the current state building code. The engineering seal is not an approval to use in a specific state. The final determination on whether a truss design is acceptable under the locally adopted building code rest with the building official or designated appointee.

2/8/2024

UFP Industries, Inc.
PHONE (616)-364-6161
2801 EAST BELTLINE RD, NE
GRAND RAPIDS, MI 49525

Job	Truss	Truss Type	Qty	Ply	
115761	CCF60601	HINGED ATTIC	1	1	West Chester 212 9 STOR 2710 (12-1510) PRE ASSEM

7) See HINGE PLATE DETAILS for plate placement.
8) Provisions must be made to prevent lateral movement of hinged member(s) during transportation.
9) All additional member connections shall be provided by others for forces as indicated.
10) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
11) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
12) Ceiling dead load (5.0 psf) on member(s). 5-6, 12-13, 6-22, 22-23, 12-23
13) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 19-20, 18-19
14) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 303 lb uplift at joint 16, 289 lb uplift at joint 2 and 140 lb uplift at joint 19.
15) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
16) Attic room checked for L/360 deflection.
17) Take precaution to keep the chords in plane, any bending or twisting of the hinge plate must be repaired before the building is put into service.
18) The field-installed members are an integral part of the truss design. Retain a design professional to specify final field connections and temporary supports. All field-installed members must be properly fastened prior to applying any loading to the truss. This design anticipates the final set position.
19) This Solar-Ready Truss™ was designed to accommodate the loading stated on this truss engineering drawing. Reference UFP Engineering Bulletin 19-02 for further information on the Solar-Ready Truss™ program. For loading condtions that differ from those shown on the truss print, a custom design will be necessary. An extra 5 PSF top chord dead load has been included in the TCDL as shown.

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UFP Industries, Inc.
PHONE (616)-364-6161
2801 EAST BELTLINE RD, NE
GRAND RAPIDS, MI 49525

UFP INDUSTRIES

Job	Truss	MFG	Customer
115761	CCF60601	212	WEST CHESTER

The professional engineering seal indicates that a licensed professional has reviewed the design under the standards referenced within this document, not necessarily the current state building code. The engineering seal is not an approval to use a design in a specific state. The final determination on whether a truss design is acceptable under the locally adopted building code rest with the building official or designated appointee.

Job	Truss	Truss Type	Qty	Ply	
102501	CC914703	HINGED ATTIC	1	1	West Chesrter 212 9 STORAGE 28'10 (13'10 - 15)

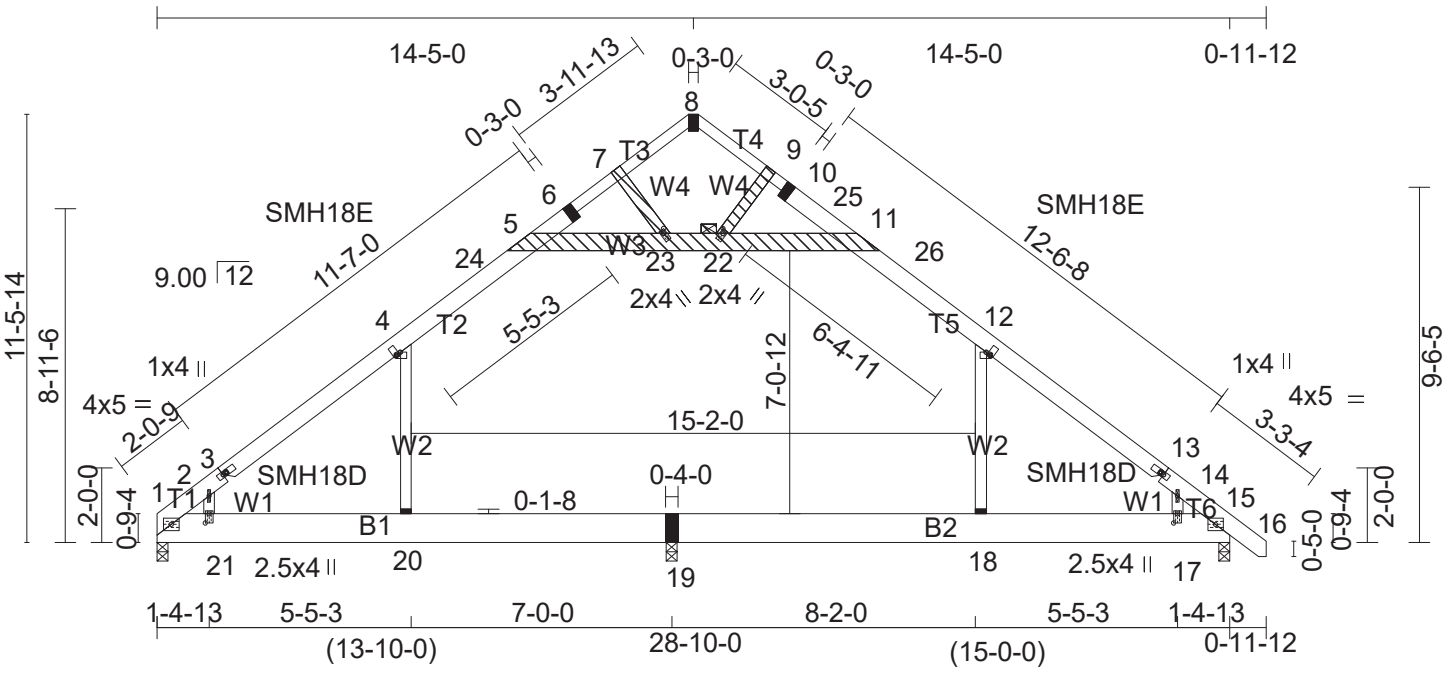


Plate Offsets (X,Y)-- [3:0-1-4,0-0-0], [4:0-1-4,0-1-0], [12:0-1-4,0-1-0], [13:0-1-4,0-0-0], [17:0-3-0,0-1-4], [21:0-3-0,0-1-4], [22:0-1-4,0-1-0], [23:0-1-4,0-1-0]

LOADING (psf)		**SPACING-**	1-4-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	42.3	Plate Grip DOL	1.15	TC	0.71	Vert(LL)	-0.32	18-19	>560	240	MT20	197/144
(Ground Snow=55.0)		Lumber DOL	1.15	BC	0.74	Vert(CT)	-0.43	18-19	>413	180	MT18HS	197/144
TCDL	15.0	Rep Stress Incr	YES	WB	0.23	Horz(CT)	0.02	15	n/a	n/a		
BCLL	0.0 *	Code IBC2018/TPI2014		Matrix-R		Attic	-0.32	18-19	623	360	Weight: 154 lb	FT = 0%
BCDL	10.0											

LUMBER-
TOP CHORD 2x6 SPF No.2 *Except*
T3,T4: 2x4 SPF No.2
BOT CHORD 2x10 SPF No.2
WEBS 2x4 SPF Stud *Except*
W3: 2x6 SPF No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-6-0 oc purlins. [P]
BOT CHORD Rigid ceiling directly applied or 8-3-4 oc bracing.
JOINTS 1 Brace at Jt(s): 22

REACTIONS. (lb/size) 1=1156/0-3-8, 19=338/0-3-8, 15=1250/0-3-8
Max Horz 1=-435(LC 7)
Max Uplift1=-316(LC 9), 19=-50(LC 9), 15=-358(LC 10)
Max Grav 1=1194(LC 15), 19=683(LC 14), 15=1282(LC 16)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1239/252, 2-3=-1261/350, 3-4=-1224/358, 4-24=-1127/387, 5-24=-1040/409, 5-6=-425/65, 6-7=-271/79, 7-8=-258/87, 8-9=-347/116, 9-10=-346/101, 10-25=-418/102, 11-25=-501/99, 11-26=-997/414, 12-26=-1091/406, 12-13=-1214/372, 13-14=-1248/360, 14-15=-1256/287, 15-16=0/65
BOT CHORD 1-21=-179/877, 20-21=-179/877, 19-20=-179/877, 18-19=-179/877, 17-18=-179/877, 15-17=-179/877
WEBS 12-18=-323/266, 2-21=-124/330, 14-17=-131/335, 4-20=-280/253, 5-23=-822/451, 22-23=-739/434, 11-22=-896/480, 9-22=-314/261, 7-23=-206/328

REQUIRED FIELD JOINT CONNECTIONS - Maximum Compression (lb)/ Maximum Tension (lb)/ Maximum Shear (lb)/ Maximum Moment (lb-in)
5=822/451/34/0, 6=351/73/246/0, 7=219/328/10/0, 8=203/117/177/0, 9=366/261/26/0, 10=388/104/244/0, 11=896/480/61/0, 18=323/266/0/0, 19=179/877/410/0, 20=280/253/0/0

NOTES- (17-19)
1) Wind: ASCE 7-16; Vult=142mph (3-second gust) Vasd=112mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp D; Enclosed; MWFRS (envelope) ga end zone and C-C Exterior(2E) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 11-4-3, Exterior(2R) 11-4-3 to 17-4-3, Interior(1) 17-4-3 to 26-8-8, Exterior(2E) 26-to 29-8-8 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-16; Pg=55.0 psf; Ps=42.3 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat D; Sheltered; Ce=1.0; Cs=1.00; Ct=1.10
3) Roof design snow load has been reduced to account for slope.
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 15.0 psf or 2.00 times flat roof load of 42.3 psf on overhangs non-concurrent with other loads.
6) All plates are MT20 plates unless otherwise indicated.

The professional engineering seal indicates that a licensed professional engineer has designed the truss under the standards referenced within this document, not necessarily the current state building code. The engineering seal is not an approval to use in a specific state. The final determination on whether a truss design is acceptable under the locally adopted building code rest with the building official or designated appointee.

8/14/2020

UFP Industries, Inc.
PHONE (616)-364-6161 FAX (616)-365-0060
2801 EAST BELTLINE RD, NE
GRAND RAPIDS, MI 49525

7) See HINGE PLATE DETAILS for plate placement.
8) Provisions must be made to prevent lateral movement of hinged member(s) during transportation.
9) All additional member connections shall be provided by others for forces as indicated.
10) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
11) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
12) Ceiling dead load (5.0 psf) on member(s). 4-5, 11-12, 5-23, 22-23, 11-22
13) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 19-20, 18-19
14) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 316 lb uplift at joint 1, 50 lb uplift at joint 19 and 358 lb uplift at joint 15.
15) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
16) Attic room checked for L/360 deflection.
17) Take precaution to keep the chords in plane, any bending or twisting of the hinge plate must be repaired before the building is put into service.
18) The field-installed members are an integral part of the truss design. Retain a design professional to specify final field connections and temporary supports. All field-installed members must be properly fastened prior to applying any loading to the truss. This design anticipates the final set position.
19) This Solar-Ready Truss™ was designed to accomodate the loading stated on this truss engineering drawing. Reference UFP Engineering Bulletin 19-02 for further information on the Solar-Ready Truss™ program. For loading condtions that differ from those shown on the truss print, a custom design will be necessary. An extra 5 PSF top chord dead load has been included in the TCDL as shown.
20) Revision of CC914702; updated code, added solar ready load.

UFP Industries, Inc.
PHONE (616)-364-6161 FAX (616)-365-0060
2801 EAST BELTLINE RD, NE
GRAND RAPIDS, MI 49525

UFP INDUSTRIES

Job	Truss	MFG	Customer
102501	CC914703	212	WEST CHESTER

The professional engineering seal indicates that a licensed professional has reviewed the design under the standards referenced within this document, not necessarily the current state building code. The engineering seal is not an approval to use a design in a specific state. The final determination on whether a truss design is acceptable under the locally adopted building code rest with the building official or designated appointee.

Corporate Engineering
2801 East Beltline, NE Grand Rapids, MI 49525-9736 (616) 364-6161 Fax (616) 365-0060
ufpi.com

Job	Truss	Truss Type	Qty	Ply	Westchester 212
102907	CC527806	HINGED ATTIC	1	1	9 Storage 16 Modified A Dormer -18

UFP Industries Inc., Grand Rapids, MI 49525, Mike Patten — 8.410 e Jun 25 2020 MiTek Industries, Inc. Wed Sep 16 16:03:16 2020 Page 1 of 2

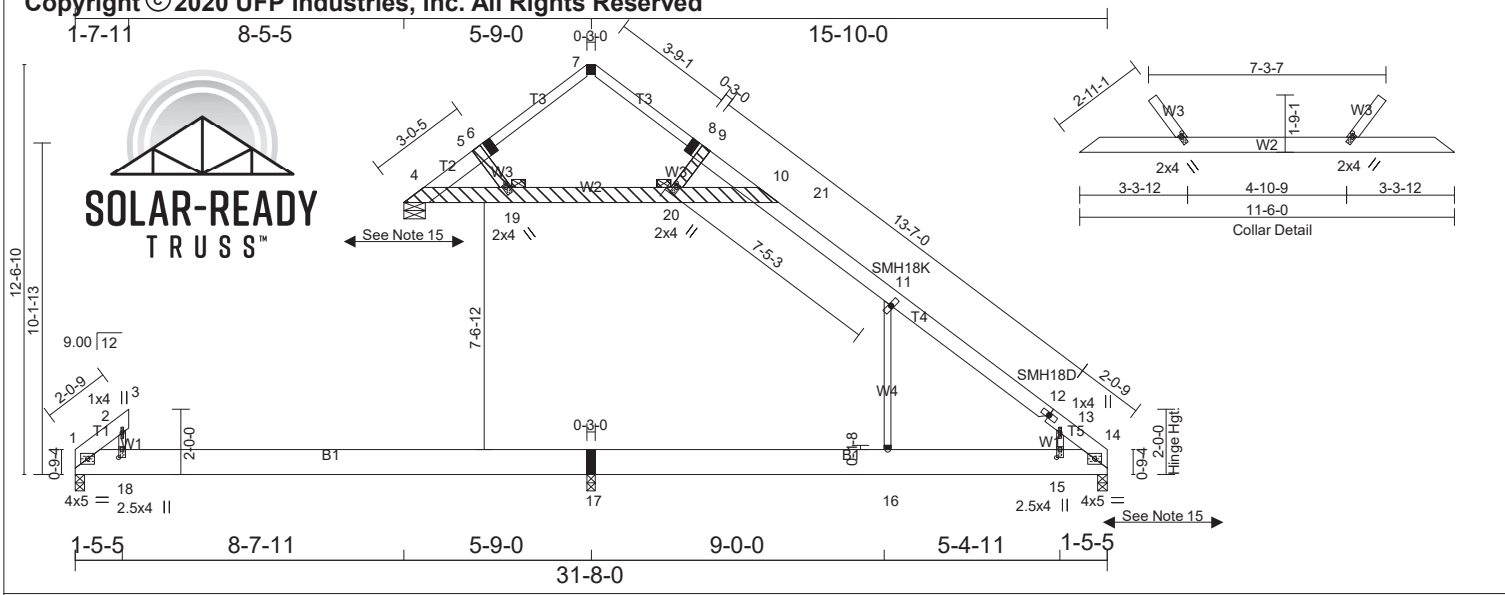


Plate Offsets (X,Y)-- [11:0-1-4,0-1-0], [12:0-1-4,0-0-0], [15:0-3-0,0-1-4], [18:0-3-0,0-1-4], [19:0-1-4,0-1-0], [20:0-1-4,0-1-0]

LOADING (psf)		SPACING-	1-4-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	42.3 **	Plate Grip DOL	1.15	TC	0.53	Vert(LL)	-0.39	17-18	>486	240	MT20	197/144
(Ground Snow=55.0)		Lumber DOL	1.15	BC	0.85	Vert(CT)	-0.52	17-18	>360	180	MT18HS	197/144
TCDL	15.0	Rep Stress Incr	YES	WB	0.47	Horz(CT)	-0.00	1	n/a	n/a		
BCLL	0.0 *	Code IBC2018/TPI2014		Matrix-R		Attic	-0.39	17-18	885	360	Weight: 140 lb	FT = 0%
BCDL	10.0											

LUMBER-
TOP CHORD 2x6 SPF No.2 *Except*
T3: 2x4 SPF No.2
BOT CHORD 2x10 SPF No.2
WEBS 2x3 SPF Stud *Except*
W2: 2x6 SPF No.2, W3: 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-9-13 oc purlins. [P]
BOT CHORD Rigid ceiling directly applied or 4-1-11 oc bracing.
JOINTS 1 Brace at Jt(s): 19, 20

REACTIONS. (lb/size) 1=213/0-3-8 (min. 0-1-8), 14=1369/0-3-8 (min. 0-2-6), 17=259/0-3-0 (min. 0-1-8), 4=398/0-8-0 (min. 0-8-0)
Max Horz 14=-1328(LC 15), 4=1328(LC 15)
Max Uplift14=-464(LC 10), 4=-143(LC 9)
Max Grav 1=439(LC 3), 14=1501(LC 15), 17=718(LC 13), 4=529(LC 23)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-58/37, 2-3=-17/0, 7-8=-311/107, 8-9=-335/91, 9-10=-456/90, 10-21=-1442/578, 11-21=-1627/575, 11-12=-1776/448, 12-13=-1792/453, 13-14=-1896/313, 4-5=-460/91, 5-6=-331/91, 6-7=-309/108
BOT CHORD 1-18=-14/65, 17-18=-15/66, 16-17=-15/66, 15-16=-15/66, 14-15=-14/63
WEBS 11-16=-116/169, 2-18=-98/55, 13-15=-65/262, 4-19=-1117/620, 19-20=-1169/674, 10-20=-1173/676, 5-19=-301/179, 9-20=-23/183

REQUIRED FIELD JOINT CONNECTIONS - Maximum Compression (lb)/ Maximum Tension (lb)/ Maximum Shear (lb)/ Maximum Moment (lb-in)
4=522/957/577/0, 5=301/179/0/0, 6=312/94/151/0, 7=167/109/151/0, 8=314/93/153/0, 9=23/183/0/0, 10=1173/676/50/0, 16=116/169/0/0, 17=15/66/418/0

NOTES-
1) Wind: ASCE 7-16; Vult=142mph (3-second gust) Vasd=112mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp D; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-1-12 to 1-7-11, Interior(1) 10-5-9 to 12-5-5, Exterior(2R) 12-5-5 to 19-2-11, Interior(1) 19-2-11 to 28-4-4, Exterior(2E) 28-4-4 to 31-6-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) ** TCLL: ASCE 7-16; Pg=55.0 psf; Ps= varies (42.3 psf) see load cases (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat D; Sheltered; Ce=1.0; Cs=1.00; Ct=1.10
3) Roof design snow load has been reduced to account for slope.
4) Unbalanced snow loads have been considered for this design.
5) All plates are MT20 plates unless otherwise indicated.
6) See HINGE PLATE DETAILS for plate placement.
7) Provisions must be made to prevent lateral movement of hinged member(s) during transportation.
8) All additional member connections shall be provided by others for forces as indicated.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the b chord and any other members.
11) Ceiling dead load (5.0 psf) on member(s). 10-11, 4-19, 19-20, 10-20
12) Bottom chord live load (30.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 17-18, 16-17
13) Bearing at joint(s) 4 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surfa
14) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 464 lb uplift at joint 14 and 143 lb uplift at joint 4.
15) Provide support to resist horizontal reactions of 1328 lb at joint 4 & 14
16) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
17) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.
18) Attic room checked for L/360 deflection.

The professional engineering seal indicates that a licensed professional engineer has designed the truss under the standards referenced within this document, not necessarily the current state building code. The engineering seal is not an approval to use in a specific state. The final determination on whether a truss design is acceptable under the locally adopted building code rest with the building official or designated appointee.

9/16/2020

Job	Truss	Truss Type	Qty	Ply	Westchester 212
102907	CC527806	HINGED ATTIC	1	1	9 Storage 16 Modified A Dormer -18

19) Take precaution to keep the chords in plane, any bending or twisting of the hinge plate must be repaired before the building is put into service.
20) The field-installed members are an integral part of the truss design. Retain a design professional to specify final field connections and temporary supports. All field-installed members must be properly fastened prior to applying any loading to the truss. This design anticipates the final set position.
21) This Solar-Ready Truss™ was designed to accomodate the loading stated on this truss engineering drawing. Reference UFP Engineering Bulletin 19-02 for further information on the Solar-Ready Truss™ program. For loading condtions that differ from those shown on the truss print, a custom design will be necessary. An extra 5 PSF top chord dead load has been included in the TCDL as shown.
22) Based on CC527805 - IBC 2018, solar ready

The professional engineering seal indicates that a licensed professional engineer has designed the truss under the standards referenced within this document, not necessarily the current state building code. The engineering seal is not an approval to use in a specific state. The final determination on whether a truss design is acceptable under the locally adopted building code rest with the building official or designated appointee.

UFP INDUSTRIES

Job	Truss	MFG	Customer
102907	CC527806	212	WEST CHESTER

The professional engineering seal indicates that a licensed professional has reviewed the design under the standards referenced within this document, not necessarily the current state building code. The engineering seal is not an approval to use a design in a specific state. The final determination on whether a truss design is acceptable under the locally adopted building code rest with the building official or designated appointee.

Corporate Engineering
2801 East Beltline, NE Grand Rapids, MI 49525-9736 (616) 364-6161 Fax (616) 365-0060
ufpi.com

NOTICE OF UTILIZATION OF TRUSS TYPE CONSTRUCTION, PRE-ENGINEERED WOOD CONSTRUCTION AND/OR TIMBER CONSTRUCTION IN RESIDENTIAL STRUCTURES

(In accordance with Title 19 NYCRR PART 1265)

Local Authority having jurisdiction logo:

TO: *Name of Authority having jurisdiction:*

OWNER OF PROPERTY: 5 KOPAC LANE LLC

SUBJECT PROPERTY (ADDRESS AND TAX MAP NUMBER):

42 SCHUYLER ROAD

BLAUVELT, NY 10913

PLEASE TAKE NOTICE THAT THE (CHECK ALL THAT APPLY):

- [x] New Residential Structure
- [ ] Addition to Existing Residential Structure
- [ ] Rehabilitation to Existing Residential Structure

TO BE CONSTRUCTED OR PERFORMED AT THE SUBJECT PROPERTY REFERENCE ABOVE WILL UTILIZE (check each applicable line):

- [x] Truss Type Construction (TT)
- [ ] Pre-Engineered Wood Construction (PW)
- [ ] Timber Construction (TC)

IN THE FOLLOWING LOCATION(S) (CHECK APPLICABLE LINE):

- [ ] Floor Framing, Including Girders and Beams (F)
- [x] Roof Framing (R)
- [ ] Floor Framing and Roof Framing (FR)

SIGNATURE: _____ DATE: _____

PRINT NAME: _____

CAPACITY (Check One): [ ] Owner [ ] Owner's Representative

National Flood Hazard Layer FIRMette

FEMA

73°56'45"W 41°5'22"N

73°56'7"W 41°4'55"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/5/2024 at 6:23 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

WMH DRAWING LIST

PAGE #	
1	ELEVATIONS
2	FOUNDATION PLAN
3A,3B	FLOOR PLAN
3W1,3W2,3W3	BRACED WALL PLAN
4	CROSS SECTION
5A,5B	PLUMBING PLAN
6A,6B	ELECTRICAL PLAN
8	STD. NOTES & DETAILS

TOTAL AREA	= 2,562 SQ. FT.
OCCUPANCY CLASS	= DETACHED SINGLE FAMILY DWELLING
CONSTRUCTION TYPE	= WOOD FRAME UNPROTECTED
GROUND SNOW LOAD	= 40 LB/SF
SEISMIC DESIGN CAT.	= C
SOIL SITE CLASS	= D
WIND SPEED (Vult)	= 115 MPH
EXPOSURE CATEGORY	= B
FLOOD ZONE: PER FEMA MAP #	= X 36087C0179G
NUMBER OF STORIES	= 2
FLOOR LIVE LOAD	=
1st FL.	= 40 LB/SF
2nd FL.	= 30 LB/SF
CLIMATE ZONE	5 (5199 HDD)

DESIGNED TO THE FOLLOWING:

- 2020 NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE (WHICH INCORPORATES BY REFERENCE)
- 2020 RESIDENTIAL CODE OF NYS
- 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NYS
- 2020 NYSTRETCH ENERGY CODE
- 2017 NATIONAL ELECTRICAL CODE

STRETCH ENERGY NOTE:
LOCAL BUILDING OFFICIAL IS RESPONSIBLE FOR REVIEW AND APPROVAL OF NY STRETCH REQUIREMENTS

PROJECT ADDRESS
42 SCHUYLER ROAD
BLAUVELT, NY 10913
ROCKLAND COUNTY

NOTE:
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209, ARTICLE 145 OF THE NYS EDUCATION LAW.

NOTES:
1. THE PLANS AND SPECIFICATIONS OF THIS PERMIT PLAN SET ARE DERIVED FROM AND CONSISTENT WITH THE SYSTEMS SET OF PLANS AND SPECIFICATIONS ON FILE WITH THE DEPARTMENT OF STATE, UNDER SYSTEMS NUMBER M0659-2022-104.
2. ENERGY COMPLIANCE IS SHOWN THROUGH THE USE OF RESCHECK SOFTWARE AND IS IN COMPLIANCE WITH CHAPTER 11 OR THE CODE.
3. BLOWER DOOR TESTING SHALL BE PERFORMED ON SITE BY A QUALIFIED HERS RATER IN ACCORDANCE WITH N1102.4.1.2.RATING COMPANY TO BE USED IS GET GREEN HOME IMPROVEMENTS LLC, WWW.GETGREENHOME.NET 914-213-0353.
4. BALANCED WHOLE HOUSE VENTILATION SYSTEM (INCLUDING AN HRV OR ERV SYSTEM) TO BE DESIGNED, SUPPLIED, AND INSTALLED ON SITE BY B/P WITH A MINIMUM CONTINUOUS FLOW RATE PER TABLE M1505.4.3(1) & R403.6.2.
5. HOT WATER SUPPLY SHALL COMPLY WITH ONE OF FOUR OPTIONS AS REQUIRED BY R403.5.5 SUPPLY OF HEATED WATER.
6. PERMANENTLY INSTALLED LIGHTING EQUIPMENT SHALL COMPLY WITH SECTION R404.1, WHERE NOT LESS THAN 90% OF FIXTURES SHALL USE LAMPS WITH AN EFFICACY OF AT LEAST 65 LUMENS PER WATT, OR HAVE A TOTAL LUMINAIRE OF AT LEAST 45 LUMENS PER WATT.
7. THERE ARE NO LOT LINE SEPARATION REQUIREMENTS FOR THIS DWELLING AS LOCATED ON THIS LOT.

NOTES:
1. ALL ITEMS NOTED AS "B/P" REFER TO THE BUILDER AND/OR PURCHASER OF THE HOME.
2. B/P SHALL BE RESPONSIBLE TO SUPPLY AND INSTALL ALL MATERIALS ON SITE IN ACCORDANCE WITH MANUFACTURE'S SPECIFICATIONS AND STATE AND LOCAL CODES INCLUDING BUT NOT LIMITED TO THE FOLLOWING ITEMS: ALL PORCHES, DECKS, STAIRS, RAILS AND GUARDS, ALL ROOF INSULATION, ALL SUPPORTING STRUCTURE FROM THE BOTTOM OF THE MODULES TO GRADE AND BELOW, ALL PLUMBING PIPING BELOW THE 1ST FLOOR SHEATHING (INCLUDING CLEANOUTS), HOT WATER HEATER, ALL ELECTRICAL SERVICE TO THE PANEL BOX LOCATION, ALL EQUIPMENT REQUIRED FOR HEATING AND COOLING OF THE RESIDENCE NOT INSTALLED BY WMH.
3. B/P SHALL BE RESPONSIBLE TO COMPLETE TO FOLLOWING ITEMS PARTIALLY DONE IN THE FACTORY: INSTALL ALL REMAINING SIDING AND ACCESSORIES, INSTALL GARAGE WALL PANELS & ROOF, INSTALL DORMERS, GARAGE FIRE SEPARATION, INSTALL SHOWERS, KITCHEN COUNTERTOP, SINK & FAUCET, CONNECT PLUMBING VENT THROUGH ROOF, CONNECT PIPING TO HOT WATER HEATER, INSTALL GWB AT MATING LINE, INSTALL ALL WIRING AND BREAKERS TO ELECTRIC PANEL BOX, AND LOCATE ROOF TRUSS TYPE SIGNAGE (SUPPLIED BY WMH AND INSTALLED ON SITE BY B/P) AT THE ELECTRIC METER.
4. ALL CUTTING, BORING, AND NOTCHING OF STRUCTURAL MEMBERS SHALL BE DONE IN ACCORDANCE WITH R502.7, R602.6, R802.7 OR AS APPROVED BY A QUALIFIED DESIGN PROFESSIONAL.

ANTHONY S. PISARRI, P.E.
DESIGN PROFESSIONAL
3 ROSALIND DRIVE
CORTLANDT MANOR, NY 10567
(914) 739-6580

P.F.S. CORPORATION
3RD PARTY INSPECTION AGENCY
421 CENTRAL ROAD SUITE 2
BLOOMSBURG, PA 17815
(570) 784-8396

THIRD PARTY INSPECTION AGENCY

PFS New York Review Only
Date: 02/28/2024
PFS Corporation
Bloomsburg, PA

PE / RA

STATE OF NEW YORK ★ ANTHONY S. PISARRI ★ LICENSED PROFESSIONAL ENGINEER

SERIAL No. 2401015
PRODUCTION No.

REVISION	DATE
.	.
.	.

CHECK	DATE
RS	01/29/2021

HOMEOWNER: 5 KOPAC LANE LLC
SITE: 42 SCHUYLER ROAD BLAUVELT, NY 10913

BUILDER: WMHCC OF O.C. 642 INTERNATIONAL BLVD ROCK TAVERN, NY 12575

SEE STANDARD NOTES & DETAILS DWG #8

NEW YORK 2 STORY COVER SHEET

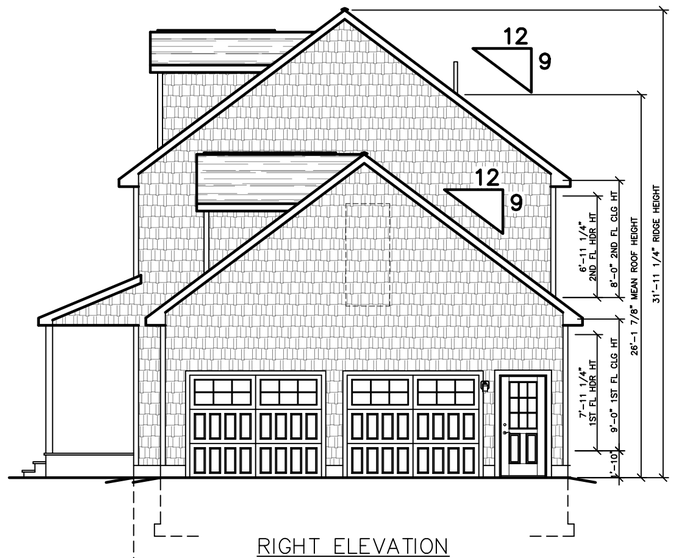
Westchester Modular Homes Inc
30 Reagans Mill Road, Wingdale, New York, 12594
Tel (845)832-9400 Fax (845)832-6698

USE GROUP: DETACHED SINGLE FAMILY DWELLING
CONST. TYPE: WOOD FRAME UNPROTECTED
DESIGNER: V.GIORGIO
DATE: 02/01/24
SCALE: N/A
PAGE: 0

OVERHANG DIMENSION (*)			
ROOF PITCH	HOUSE WIDTH		
	24'-0"	26'-0"/30'-0"	27'-8"/31'-8"
5/12	16"	11"	16"
7/12	16"	11"	16"
9/12	12"	11"	12"
12/12	8 3/4"	8 3/4"	8 3/4"

FRONT ELEVATION

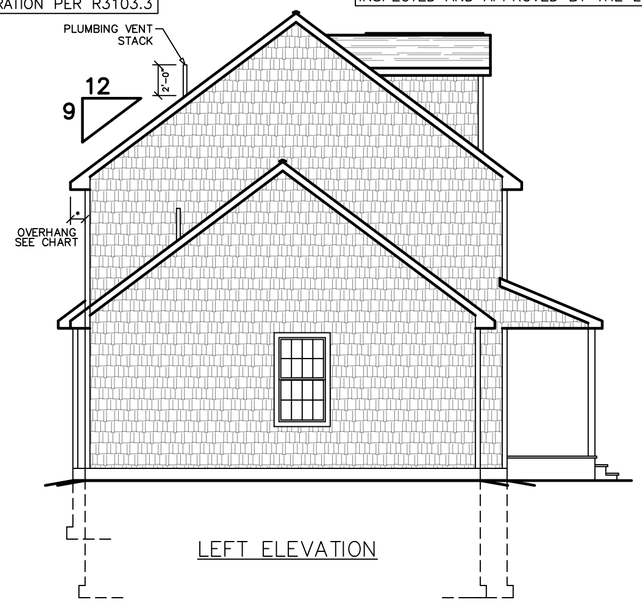
NOTES:
1. ALL EXTERIOR STAIRS, LANDINGS, RAILS, & GUARDS TO BE DESIGNED, SUPPLIED, AND INSTALLED ON SITE BY B/P PER R311.7, 312.1, & R303.8
2. ALL STAIRWAY ILLUMINATION AT EXTERIOR DOORS TO BE PROVIDED BY WMH PER R303.8



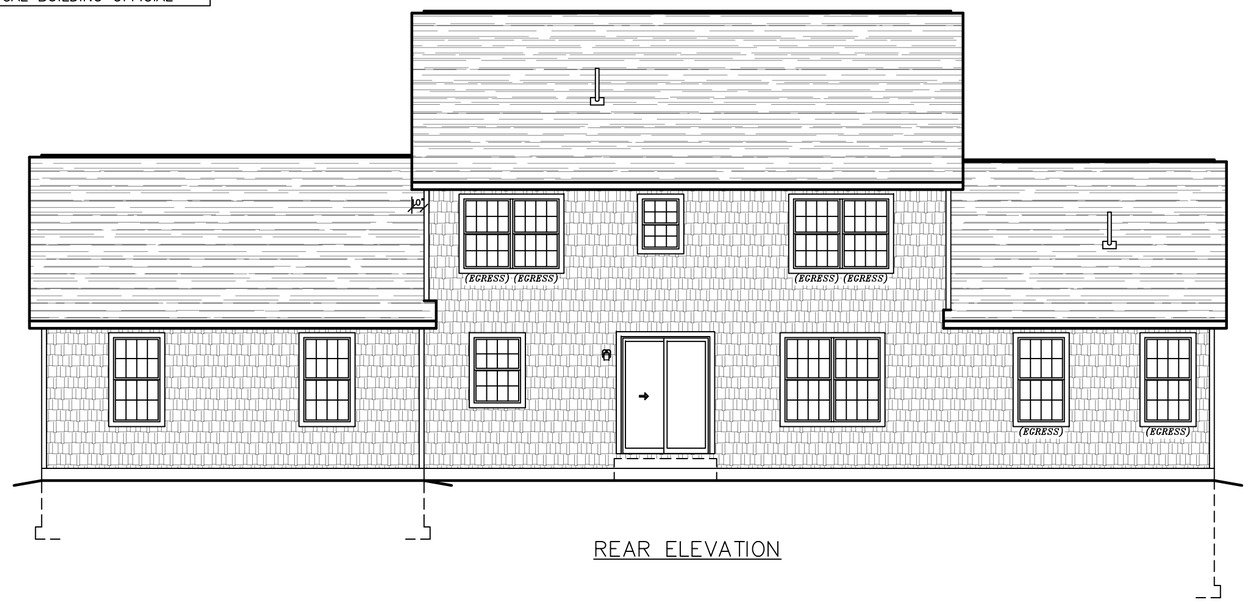
RIGHT ELEVATION

NOTE:
VENT FLASHING SHALL BE INSTALLED AT VENT PIPE PENETRATION PER R3103.3

PORCH NOTE:
PORCH MUST BE STRUCTURALLY INDEPENDENT OF THE MODULES, TO BE DESIGNED BY A NY LICENSED PE/RA, REVIEWED, INSPECTED AND APPROVED BY THE LOCAL BUILDING OFFICIAL



LEFT ELEVATION



REAR ELEVATION

SEE STANDARD NOTES & DETAILS DWG #8

BUILDER:
WMHCC OF O.C.
642 INTERNATIONAL BLVD
ROCK TAVERN, NY 12575

HOMEOWNER:
5 KOPAC LANE LLC

SITE:
42 SCHUYLER ROAD
BLAUVELT, NY 10913

USE GROUP: DETACHED SINGLE FAMILY DWELLING
CONST. TYPE: WOOD FRAME UNPROTECTED
DESIGNER: V.GIORGIO
DATE: 02/01/24
SCALE: 1/8" = 1'-0"
PAGE: 1

COLONIAL CTM-L
ELEVATIONS

Westchester Modular Homes Inc
30 Reggans Mill Road, Wingdale, New York, 12594
Tel (845)832-9400 Fax (845)832-6698

THIRD PARTY INSPECTION AGENCY

PE / RA

STATE OF NEW YORK ★ LICENSED ★ ANTHONY S. PISARRI

SERIAL No. 2401015

PRODUCTION No.

REVISION	DATE
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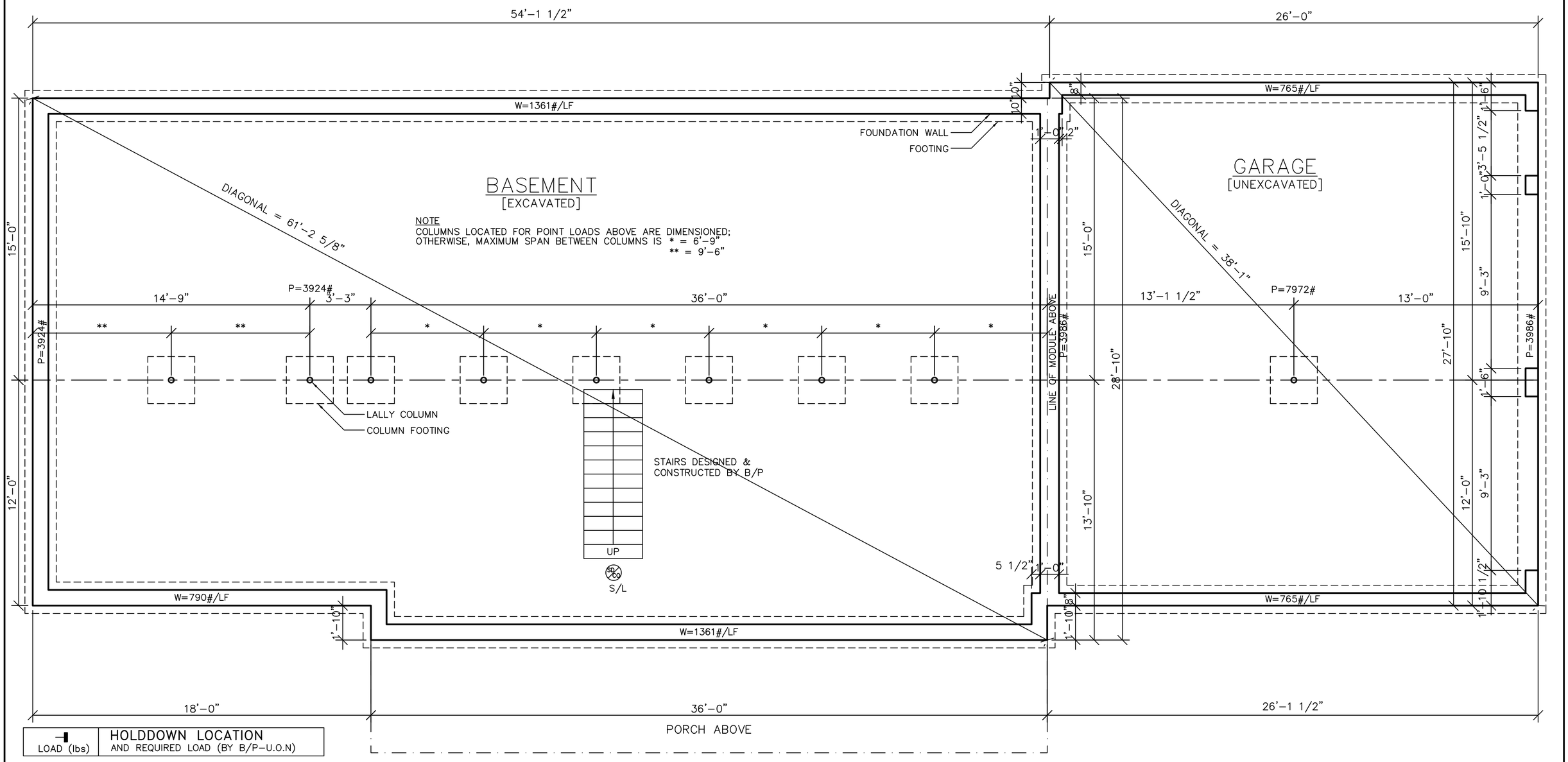
.	.

CHECK	DATE
V.GIORGIO	10/12/07



FOUNDATION NOTES:

1) THE FOUNDATION PLAN IS PROVIDED FOR FOUNDATION DESIGN PARAMETERS ONLY. COMPLETE FOUNDATION ENGINEERING BASED ON SPECIFIC SITE CONDITIONS, APPLICABLE LOCAL AND STATE CODES, TO BE REVIEWED AND APPROVED BY A REGISTERED ARCHITECT OR ENGINEER IN THE STATE OF HOUSE DESIGNATION.

2) THE BUILDER/PURCHASER SHALL BE RESPONSIBLE FOR DESIGN, CONSTRUCTION AND CODE COMPLIANCE OF ALL FOUNDATION ELEMENTS INCLUDING (BUT NOT LIMITED TO) STRUCTURAL, PLUMBING, ELECTRICAL, HEATING, ENERGY CONSERVATION AND FIRE SEPARATION.

3) LALLY COLUMN SHALL BE MINIMUM 3 1/2"ø STEEL PIPE WITH 8"x8" TOP PLATE. THICKNESS OF THE TOP PLATE SHALL BE DESIGNED BY PE/RA TO SUPPORT LOADS GIVEN.

4) MINIMUM COLUMN FOOTING SIZE SHALL BE 2'-6" x 2'-6" x 10" DEEP.

5) CONCRETE STRENGTH TO BE A MINIMUM 3000 PSI.

6) FOUNDATION SILL SHALL BE PRESERVATIVE TREATED LUMBER (SUPPLIED AND INSTALLED BY B/P PRIOR TO HOUSE DELIVERY AND SET). THERE SHALL BE NO PROTRUSION ABOVE TOP OF SILL PLATE.

7) FOUNDATION ANCHOR BOLTS TO BE 1/2"ø MINIMUM AND SHALL BE EMBEDDED A MINIMUM OF 7" INTO CONCRETE OR GROUTED CELLS OF CONCRETE FOUNDATION, LOCATED WITHIN 6" TO 12" OF EACH END OF THE SILL PLATE AND SPACED @ 72"O.C. (OR ANCHOR STRAP EQUIVALENT) PER R403.1.6

8) THE BUILDER/PURCHASER SHALL BE RESPONSIBLE FOR ENCLOSING THE BASEMENT STAIRS AND INSULATING THE BASEMENT STAIR WALLS IN ACCORDANCE WITH ALL APPLICABLE ENERGY CODE REQUIREMENTS

THIRD PARTY INSPECTION AGENCY	PE / RA

SERIAL No. 24015

PRODUCTION No.

REVISION	DATE
.	.
CHECK	DATE

BUILDER:
WMHCC OF O.C.
642 INTERNATIONAL BLVD
ROCK TAVERN, NY 12575

HOMEOWNER:
5 KOPAC LANE LLC

SITE:
42 SCHUYLER ROAD
BLAUVELT, NY 10913

USE GROUP:
DETACHED SINGLE FAMILY DWELLING

CONST. TYPE:
WOOD FRAME UNPROTECTED

DESIGNER:
V.GIORGIO

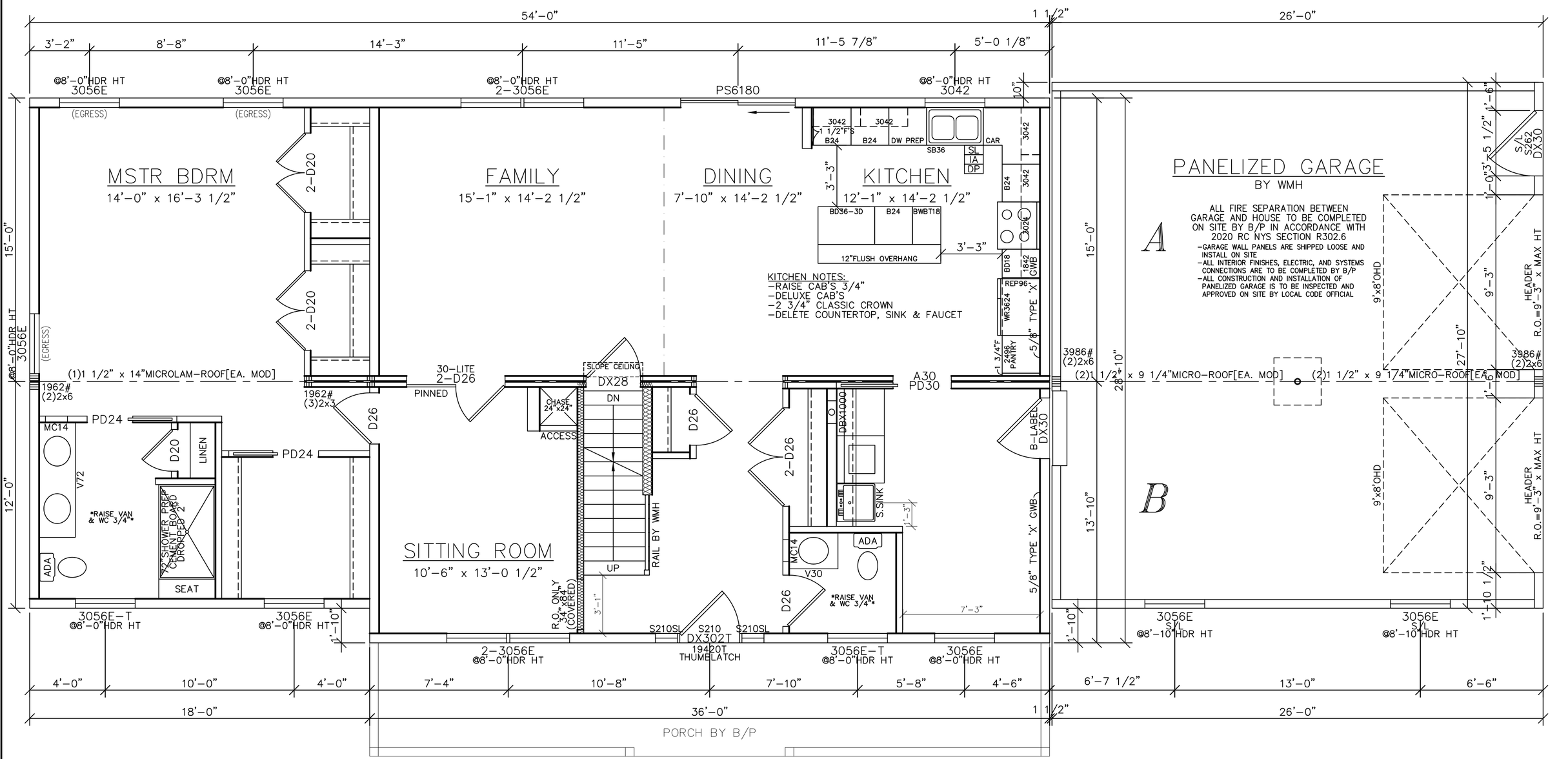
DATE:
02/01/24

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

PAGE:
2

COLONIAL CTM-L
FOUNDATION PLAN

Westchester Modular Homes Inc
30 Reagans Mill Road, Wingdale, New York, 12594
Tel (845)832-9400 Fax (845)832-6698



9'-0" ENTIRE 1ST FLOOR CEILING HEIGHT

ANDERSEN 400 SERIES WINDOWS W/ GBG GRILLES

-12" O.C. FLOOR FRAMING IN 'A' & 'C' BOXES
-R21 W/ 1" RIGID FOAM EXT. WALL INSUL.
-DELETE ROOF INSULATION
-SOLID SMOOTH 6-PANEL INT. DOORS
-5 1/4" NECK BASE TRIM
-3 1/2" COLONIAL CASING

NOTE:
ALL WINDOWS WITH A SILL HEIGHT LESS THAN 24" ABOVE FINISHED FLOOR AND WITH A EXT. HEIGHT OF GREATER THAN 6'-0" TO GRADE SHALL BE EQUIPPED WITH FALL PROTECTION SUPPLIED AND INSTALLED ON SITE BY B/P IN ACCORDANCE W/ R312.2

*COMBINED

LIGHT & VENTILATION SCHEDULE (SF)

ROOM	AREA	LIGHT		VENT	
		REQUIRED	SUPPLIED	REQUIRED	SUPPLIED
FAMILY	214	17.1	25.8	8.56	11.46
*DINING	111	8.9	37.6	4.44	18.16
*KITCHEN	172	13.8	9.5	6.88	5.11
SITTING ROOM	137	11.0	25.8	5.48	11.46
MSTR BDRM	228	18.2	38.7	9.12	17.19

THIRD PARTY INSPECTION AGENCY

PE / RA

STATE OF NEW YORK ANTHONY S. PISARRI LICENSED PROFESSIONAL ENGINEER

SERIAL No. 24015

PRODUCTION No.

REVISION	DATE
.	.
CHECK	DATE

BUILDER:
WMHCC OF O.C.
642 INTERNATIONAL BLVD
ROCK TAVERN, NY 12575

HOMEOWNER:
5 KOPAC LANE LLC

SITE:
42 SCHUYLER ROAD
BLAUVELT, NY 10913

USE GROUP:
DETACHED SINGLE FAMILY DWELLING

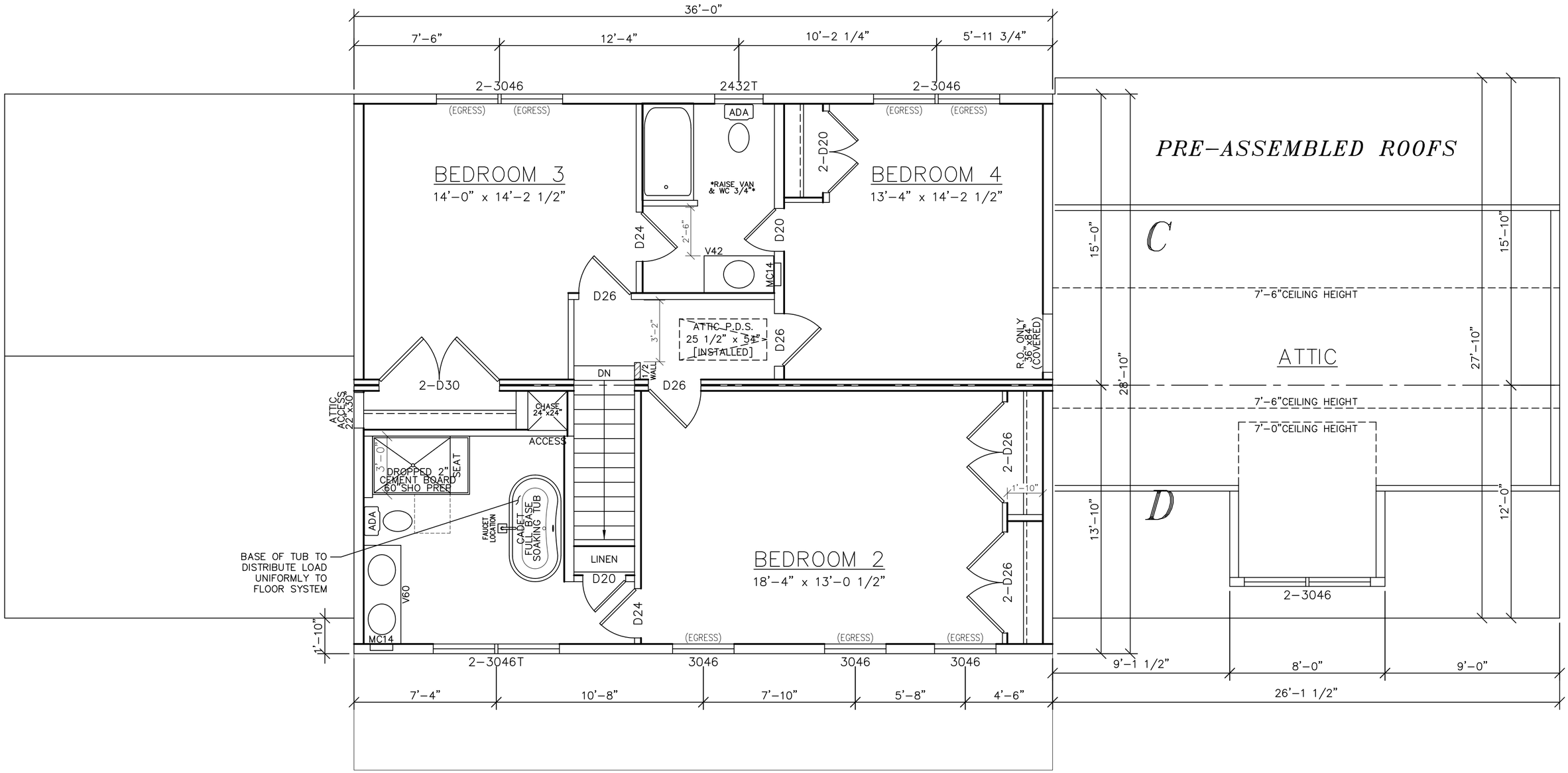
CONST. TYPE:
WOOD FRAME UNPROTECTED

COLONIAL CTM-L
FIRST FLOOR PLAN

DESIGNER: V.GIORGIO
DATE: 02/01/24
SCALE: 1/4" = 1'-0"

Westchester Modular Homes Inc
30 Reagans Mill Road, Wingdale, New York, 12594
Tel (845)832-9400 Fax (845)832-6698

PAGE: 3A



ANDERSEN 400 SERIES WINDOWS W/ GBG GRILLES

-12" O.C. FLOOR FRAMING IN 'A' & 'C' BOXES
-R21 W/ 1" RIGID FOAM EXT. WALL INSUL.
-DELETE ROOF INSULATION
-SOLID SMOOTH 6-PANEL INT. DOORS
-5 1/4" NECK BASE TRIM
-3 1/2" COLONIAL CASING

LIGHT & VENTILATION SCHEDULE (SF)

ROOM	AREA	LIGHT		VENT	
		REQUIRED	SUPPLIED	REQUIRED	SUPPLIED
BEDROOM 2	239	19.1	30.9	9.56	17.19
BEDROOM 3	199	15.9	20.6	7.96	11.46
BEDROOM 4	189	15.1	20.6	7.56	11.46
.	.	.	.	.	.
.	.	.	.	.	.

THIRD PARTY INSPECTION AGENCY

PE / RA

STATE OF NEW YORK ANTHONY S. PISARRI LICENSED PROFESSIONAL ENGINEER

SERIAL No. 24015

PRODUCTION No.

REVISION	DATE
.	.
CHECK	DATE

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WMHCC OF O.C.
642 INTERNATIONAL BLVD
ROCK TAVERN, NY 12575

HOMEOWNER:
5 KOPAC LANE LLC

SITE:
42 SCHUYLER ROAD
BLAUVELT, NY 10913

USE GROUP: DETACHED SINGLE FAMILY DWELLING

CONST. TYPE: WOOD FRAME UNPROTECTED

DESIGNER: V.GIORGIO

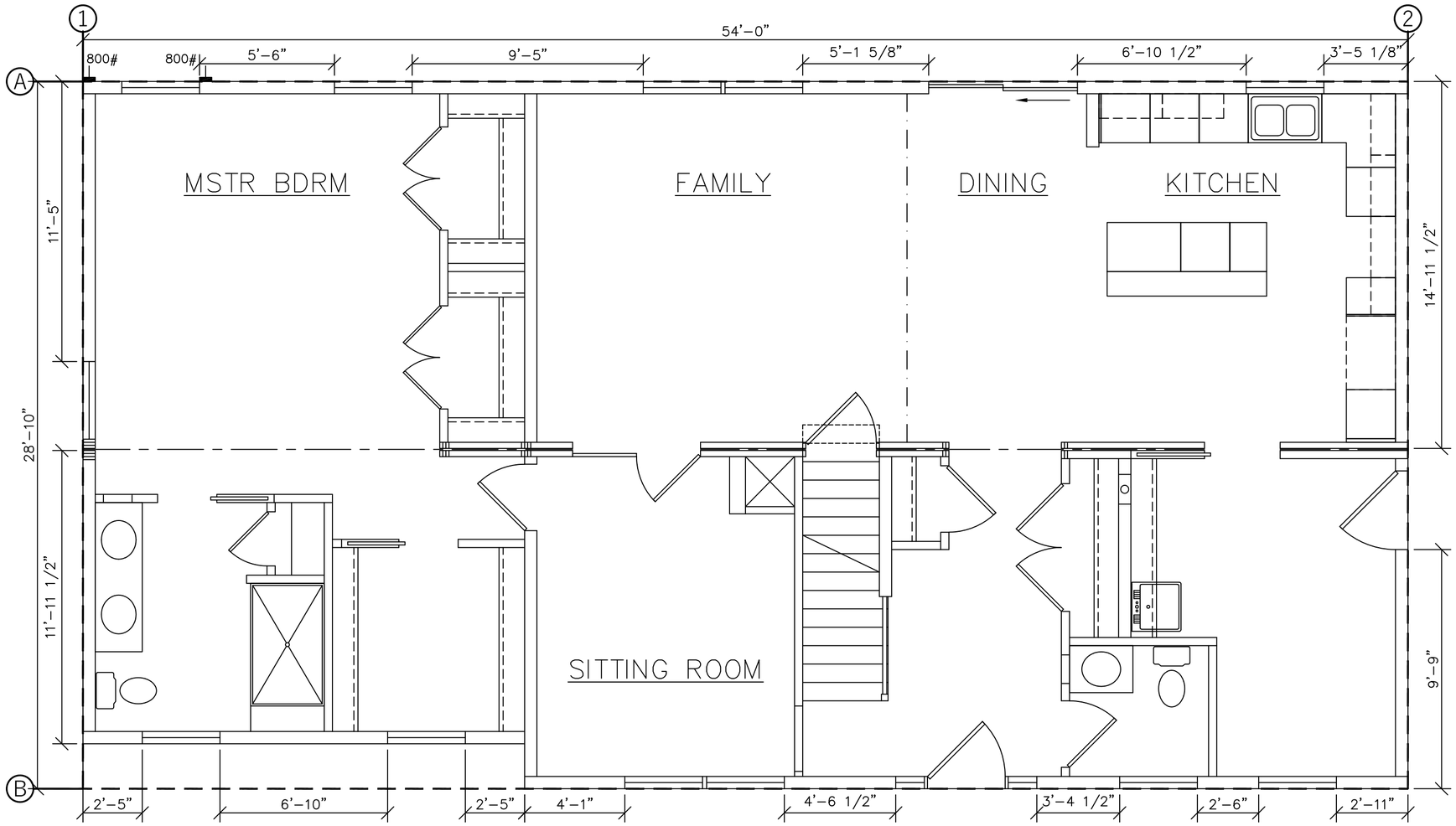
DATE: 02/01/24

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

COLONIAL CTM-L
SECOND FLOOR PLAN

Westchester Modular Homes Inc
30 Reagans Mill Road, Wingdale, New York, 12594
Tel (845)832-9400 Fax (845)832-6698

PAGE: 3B



THIRD PARTY INSPECTION AGENCY	PE / RA
	STATE OF NEW YORK · ANTHONY G. PISARRI · LICENSED PROFESSIONAL ENGINEER

SERIAL No. 24015

PRODUCTION No.

REVISION	DATE
.	.
CHECK	DATE

BUILDER:
WMHCC OF O.C.
642 INTERNATIONAL BLVD
ROCK TAVERN, NY 12575

HOMEOWNER:
5 KOPAC LANE LLC

SITE:
42 SCHUYLER ROAD
BLAUVELT, NY 10913

USE GROUP:
DETACHED SINGLE FAMILY DWELLING

CONST. TYPE:
WOOD FRAME UNPROTECTED

COLONIAL CTM-L
WALL BRACING

DESIGNER: V.GIORGIO

DATE: 02/01/24

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

Westchester Modular Homes Inc
30 Reagans Mill Road, Wingdale, New York, 12594
Tel (845)832-9400 Fax (845)832-6698

PAGE: 3W1

Design Parameters: *MAIN HOUSE*

2018 International Residential Code	
Structure Type	1-2 Family Detached
# Stories	2
Seismic Design Category	C
Wind Speed (Vult)	115
Wind Exposure	B
Stories Above Grade	2
Eave to Ridge Height	12 ft
Roof/Ceiling Dead Load	12 psf
Sheathing Run Horizontally	YES
GWB on Interior of Walls.	YES

CS-WSP BRACING UNLESS NOTED

Braced Wall Lines - Second Floor of a Two Story

Wall Bracing North/South Direction Story Height: 10.5 ft

Adjustment Factors:

Story height Factor	Walls Factor	Exposure Factor	Eave Ridge Factor	Blocking Omission Factor
1.025	1	1	1.3	2

Wall Line	Spacing	Required Braced Wall (ft) Tabulated	Required Braced Walls (ft) Adjusted	Bracing Required to Omit Blocking	Braced Walls Provided (ft)	Blocking Required at Horizontal Seams	
Wall #1	36	5.4 ft	7.2 ft	14.4	26.58 ft	NO	Passes
Wall #2	36	5.4 ft	7.2 ft	14.4	25.12 ft	NO	Passes

Wall Bracing East/West Direction

Adjustment Factors:

Story height Factor	Walls Factor	Exposure Factor	Eave Ridge Factor	Blocking Omission Factor
1.025	1	1	1.3	2

Wall Line	Spacing	Required Braced Wall (ft) Tabulated	Required Braced Walls (ft) Adjusted	Bracing Required to Omit Blocking	Braced Walls Provided (ft)	Blocking Required at Horizontal Seams	
Wall A	28.83	4.383 ft	5.8 ft	11.7	20.5 ft	NO	Passes
Wall B	28.83	4.383 ft	5.8 ft	11.7	20 ft	NO	Passes

Braced Wall Lines - First Floor of a Two Story

Wall Bracing North/South Direction Story Height: 9 ft

Adjustment Factors:

Story height Factor	Walls Factor	Exposure Factor	Eave Ridge Factor	Blocking Omission Factor
0.95	1	1	1.15	2

Wall Line	Spacing	Required Bracing Wall (ft) Tabulated	Required Wall Bracing (ft) Adjusted	Bracing Required to Omit Blocking	Braced Walls Provided (ft)	Blocking Required at Horizontal Seams	
Wall #1	54	15.2 ft	16.6 ft	33.2	23.37 ft	YES	Passes
Wall #2	54	15.2 ft	16.6 ft	33.2	24.7 ft	YES	Passes

Wall Bracing East/West Direction

Adjustment Factors:

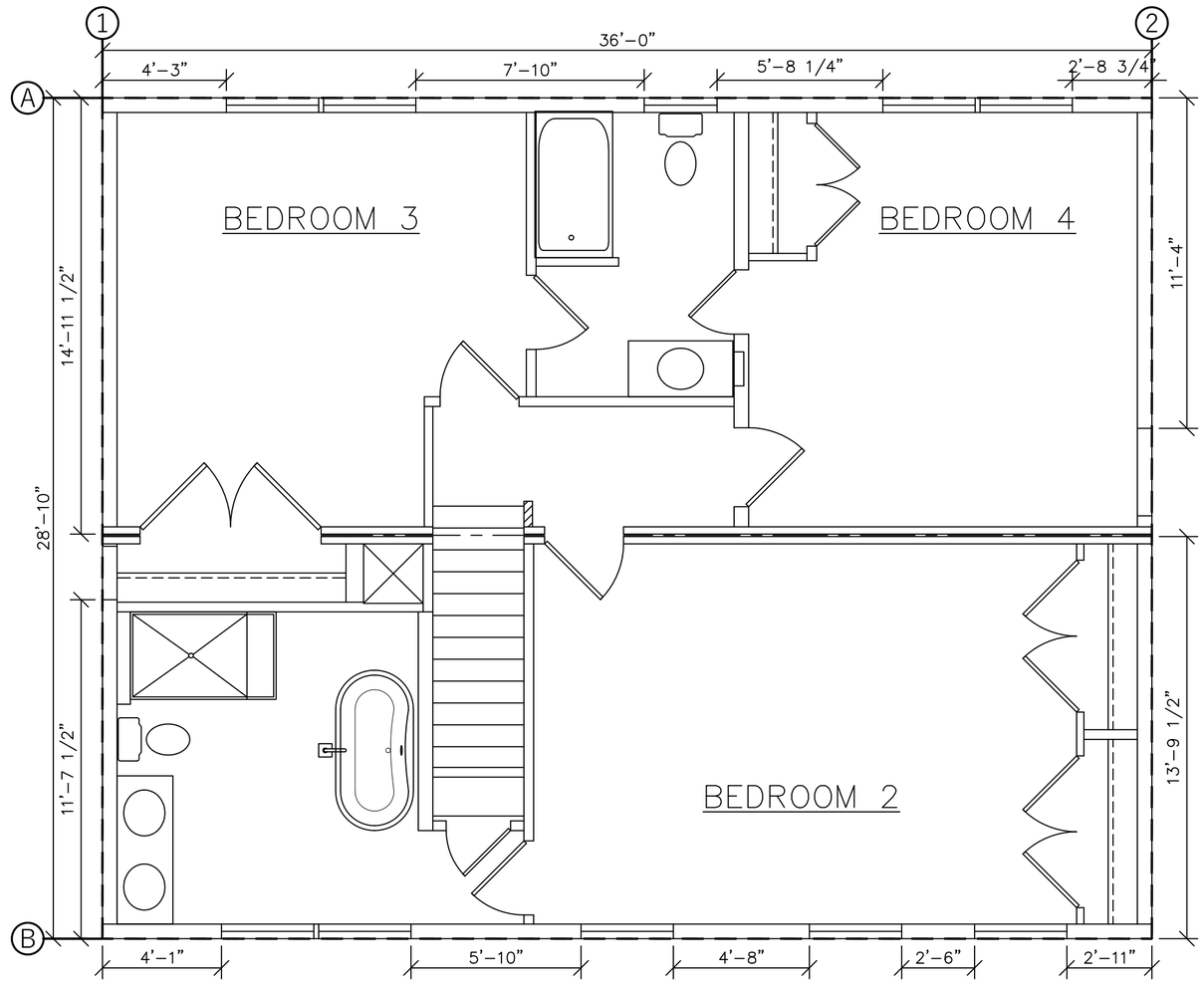
Story height Factor	Walls Factor	Exposure Factor	Eave Ridge Factor	Blocking Omission Factor
0.95	1	1	1.15	2

Wall Line	Spacing	Required Bracing Wall (ft) Tabulated	Required Wall Bracing (ft) Adjusted	Bracing Required to Omit Blocking	Braced Walls Provided (ft)	Blocking Required at Horizontal Seams	
Wall A	28.83	8.71 ft	9.5 ft	19.0	30.35 ft	NO	Passes
Wall B	28.83	8.71 ft	9.5 ft	19.0	29.08 ft	NO	Passes

NOTES:

- ALL SHEATHING TO BE INSTALLED HORIZONTALLY
- ALL BRACED WALLS AND ROOF DIAPHRAGM WSP SHEATHING TO BE FASTENED TO STUDS/JOISTS W/ 8D COMMONS AT 6" EDGE NAILING AND 12" FIELD NAILING. BLOCKING AT SEAMS PER BRACED WALL CHART ON THIS PAGE

⊣▌ LOAD (lbs)	HOLDDOWN LOCATION AND REQUIRED LOAD (BY B/P–U.O.N)



THIRD PARTY INSPECTION AGENCY	PE / RA
	STATE OF NEW YORK · ANTHONY G. PISARRI · LICENSED PROFESSIONAL ENGINEER

SERIAL No. 24015

PRODUCTION No.

REVISION	DATE
.	.
CHECK	DATE

BUILDER:
WMHCC OF O.C.
642 INTERNATIONAL BLVD
ROCK TAVERN, NY 12575

HOMEOWNER:
5 KOPAC LANE LLC

SITE:
42 SCHUYLER ROAD
BLAUVELT, NY 10913

USE GROUP:
DETACHED SINGLE FAMILY DWELLING

CONST. TYPE:
WOOD FRAME UNPROTECTED

DESIGNER:
V.GIORGIO

DATE:
02/01/24

SCALE:
1/4" = 1'–0"

PAGE:
3W2

COLONIAL CTM–L WALL BRACING

Westchester Modular Homes Inc
30 Reagans Mill Road, Wingdale, New York, 12594
Tel (845)832–9400 Fax (845)832–6698

Design Parameters: *GARAGE*

2018 International Residential Code	
Structure Type	1-2 Family Detached
# Stories	1
Seismic Design Category	C
Wind Speed (Vult)	115
Wind Exposure	B
Stories Above Grade	1
Eave to Ridge Height	12 ft
Roof/Ceiling Dead Load	12 psf
Sheathing Run Horizontally	YES
GWB on Interior of Walls.	YES

CS-WSP BRACING UNLESS NOTED

Braced Wall Lines - Ranch / Cape

Wall Bracing North/South Direction Story Height: 9 ft

Adjustment Factors *WALL 2 IS CS-PF*

Story height Factor	Walls Factor	Exposure Factor	Eave Ridge Factor	Blocking Omission Factor
0.95	1	1	1.3	2

Wall Line	Spacing	Required Braced Wall (ft) Tabulated	Required Braced Walls (ft) Adjusted	Bracing Required to Omit Blocking	Braced Walls Provided (ft)	Blocking Required at Horizontal Seams	
Wall #1	26	4.1 ft	5.1 ft	10.1	23.87 ft	NO	Passes
Wall #2	26	4.1 ft	5.1 ft	10.1	7.31 ft	YES	Passes

Wall Bracing East/West Direction

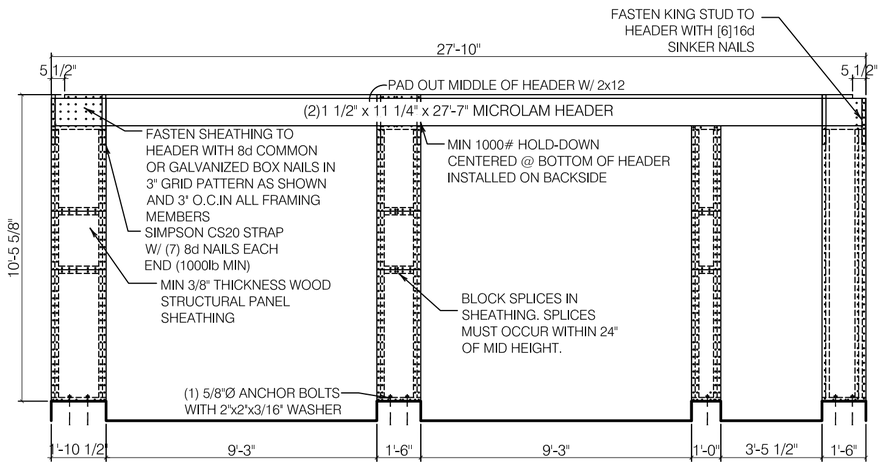
Adjustment Factors:

Story height Factor	Walls Factor	Exposure Factor	Eave Ridge Factor	Blocking Omission Factor
0.95	1	1	1.3	2

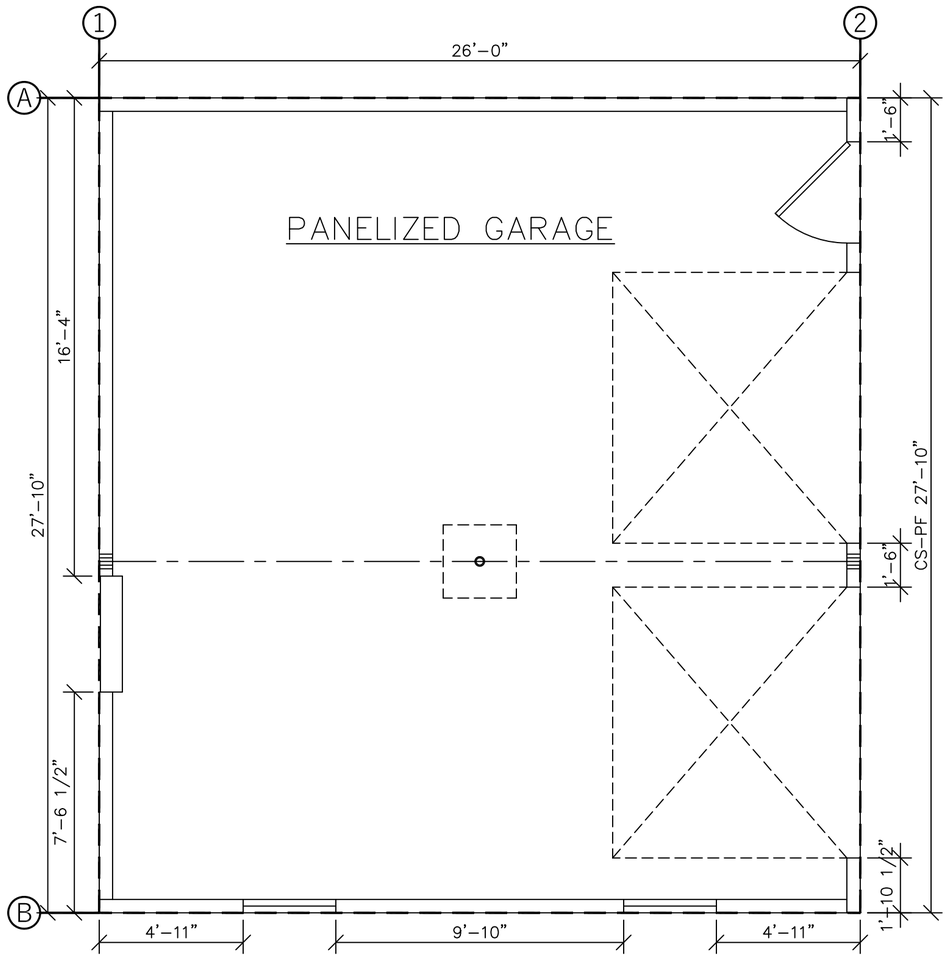
Wall Line	Spacing	Required Braced Wall (ft) Tabulated	Required Braced Walls (ft) Adjusted	Bracing Required to Omit Blocking	Braced Walls Provided (ft)	Blocking Required at Horizontal Seams	
Wall A	27.83	4.283 ft	5.3 ft	10.6	26 ft	NO	Passes
Wall B	27.83	4.283 ft	5.3 ft	10.6	19.66 ft	NO	Passes

NOTES:

- ALL SHEATHING TO BE INSTALLED HORIZONTALLY
- ALL BRACED WALLS AND ROOF DIAPHRAGM WSP SHEATHING TO BE FASTENED TO STUDS/JOISTS W/ 8D COMMONS AT 6" EDGE NAILING AND 12" FIELD NAILING. BLOCKING AT SEAMS PER BRACED WALL CHART ON THIS PAGE
- PORTAL FRAMES PER CORRESPONDING DETAILS



METHOD CS–PF
SHEATH THIS SIDE



THIRD PARTY INSPECTION AGENCY	PE / RA
	STATE OF NEW YORK · ANTHONY S. PISARRI · LICENSED PROFESSIONAL ENGINEER

SERIAL No. 24015

PRODUCTION No.

REVISION	DATE
.	.
CHECK	DATE

BUILDER:
WMHCC OF O.C.
642 INTERNATIONAL BLVD
ROCK TAVERN, NY 12575

HOMEOWNER:
5 KOPAC LANE LLC

SITE:
42 SCHUYLER ROAD
BLAUVELT, NY 10913

USE GROUP:
DETACHED SINGLE FAMILY DWELLING

CONST. TYPE:
WOOD FRAME UNPROTECTED

DESIGNER:
V.GIORGIO

DATE:
02/01/24

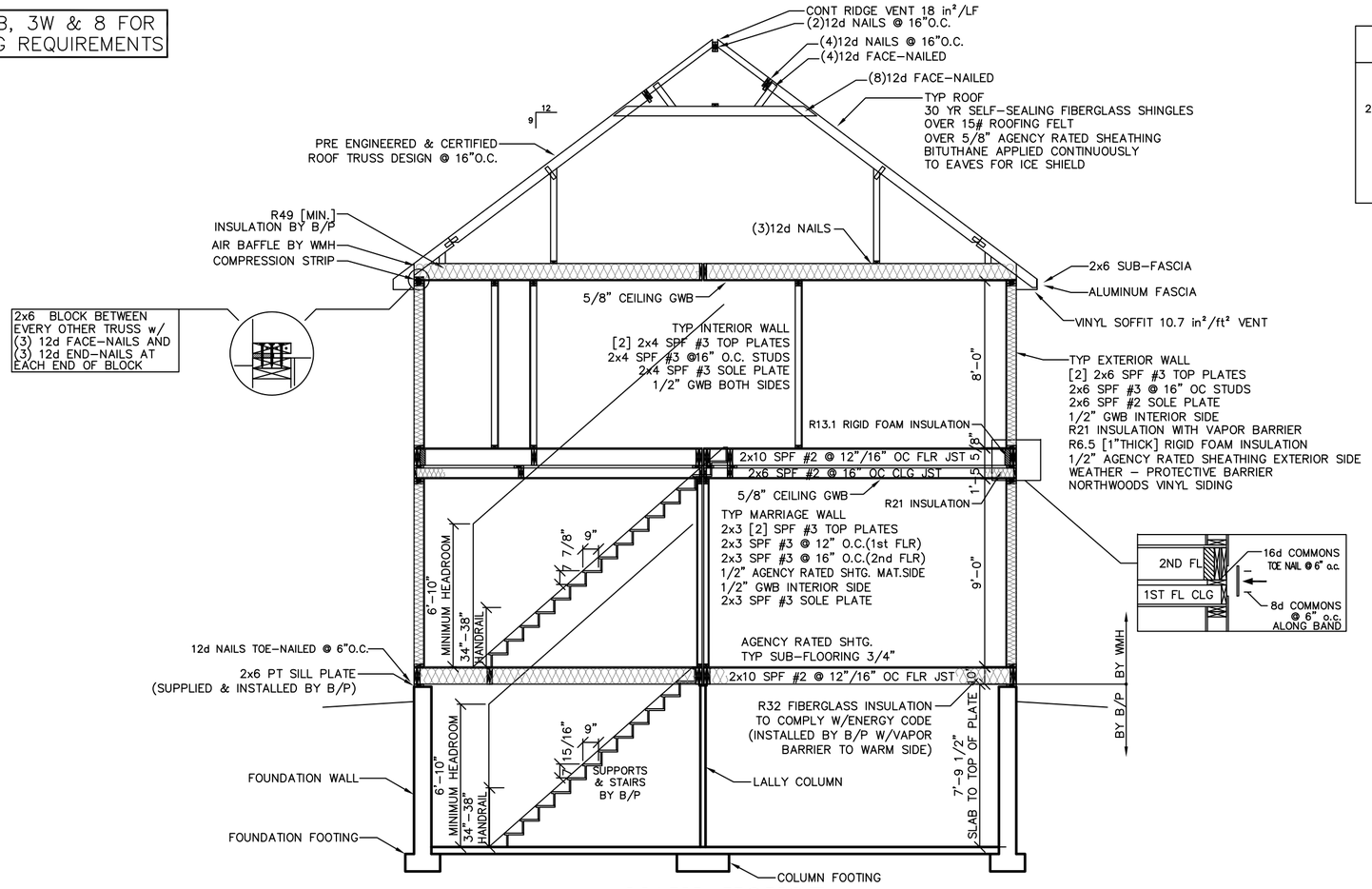
SCALE:
1/4" = 1'-0"

PAGE:
3W3

COLONIAL CTM–L
WALL BRACING

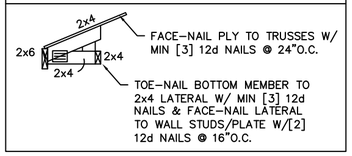
Westchester Modular Homes Inc
30 Reagans Mill Road, Wingdale, New York, 12594
Tel (845)832–9400 Fax (845)832–6698

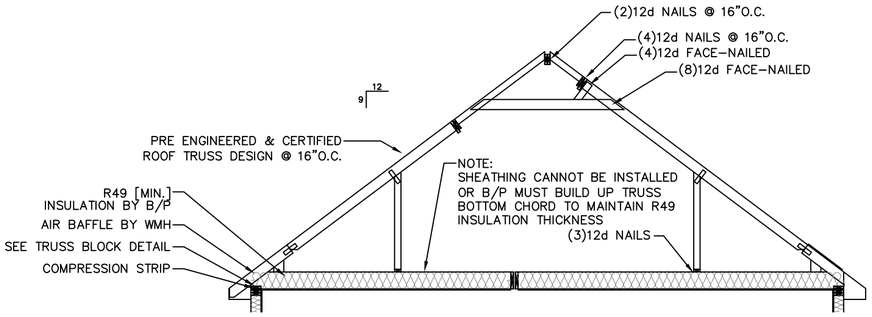
SEE PAGES 2, 3A, 3B, 3W & 8 FOR ADDITIONAL FASTENING REQUIREMENTS



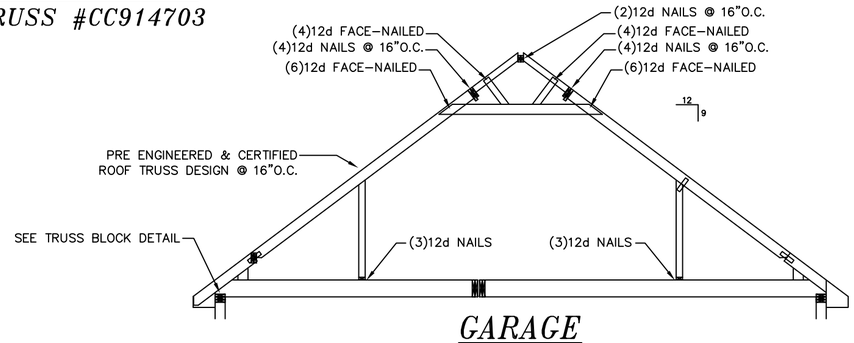
MAIN HOUSE
TRUSS #CC914703

OVERHANG DETAIL

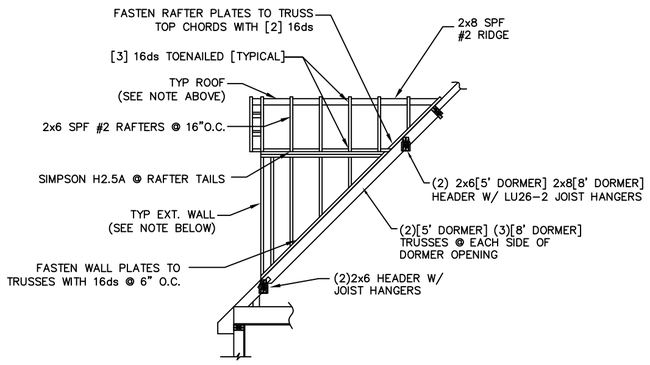




MASTER BEDROOM
TRUSS #CCE25901

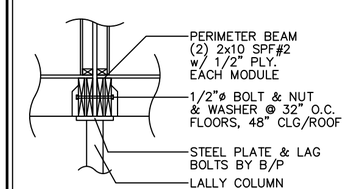


GARAGE
TRUSS #CCF60601



'A' DORMER FASTENING
TRUSS #CC527806

PERIMETER BEAM DETAIL



WINDOW/DOOR NOTES:
1. ALL WINDOWS AND DOORS TO BE INSTALLED PER MANUFACTURE'S INSTRUCTIONS FOR ANCHORAGE PER R609.7
2. MULLED UNITS TO BE INSTALLED USING (1) 2x4 SUPPORT MULLION PER ANDERSEN COMBINATION DESIGNS FOR 400/200 SERIES D/H WINDOWS AND WILL SUPPORT A PRESSURE OF 40/30psf
3. ALL WINDOWS AND DOORS LABELED FROM MANUFACTURER TO COMPLY WITH R609.3
4. ALL WINDOW INSTALLATION AND FLASHING TO BE COMPLIANT PER R609
5. WIND PRESSURE FOR WINDOWS/DOORS [PER TABLE R301.2(2)]

ENERGY NOTE:
- ALL INSULATION VALUES BASED ON ATTACHED RESCHECK COMPLIANCE REPORT

GWB FASTENING NOTE:
- WALL & CLG GYPSUM FASTENED PER TABLE R702.3.5 (UNLESS OTHERWISE NOTED)

FLAMESPREAD NOTES:
1. WALL AND CEILING FINISHES SHALL HAVE A FLAME SPREAD INDEX OF NOT GREATER THAN 200, PER R302.9.1
2. INSULATION MATERIALS SHALL HAVE A FLAME SPREAD INDEX OF NOT GREATER THAN 25, PER R302.10.1

JOIST/HDR NOTES:
1. ALL FLOOR JOISTS ARE 2x10 @ 16"O.C. SPF#2 PER TABLE R502.3.1(2) W/MAX SPAN OF 15'-5".
2. ALL WINDOW/DOOR HEADERS ARE [2] 2x10 SPF#2 PER TABLE R602.7(1), UNLESS OTHERWISE NOTED.

SEE STANDARD NOTES & DETAILS DWG #8

THIRD PARTY INSPECTION AGENCY

PE / RA

SERIAL No. 24015

PRODUCTION No.

REVISION	DATE
.	

CHECK	DATE
P.McHUGH	11/16/09

BUILDER: WMHCC OF O.C.
642 INTERNATIONAL BLVD
ROCK TAVERN, NY 12575

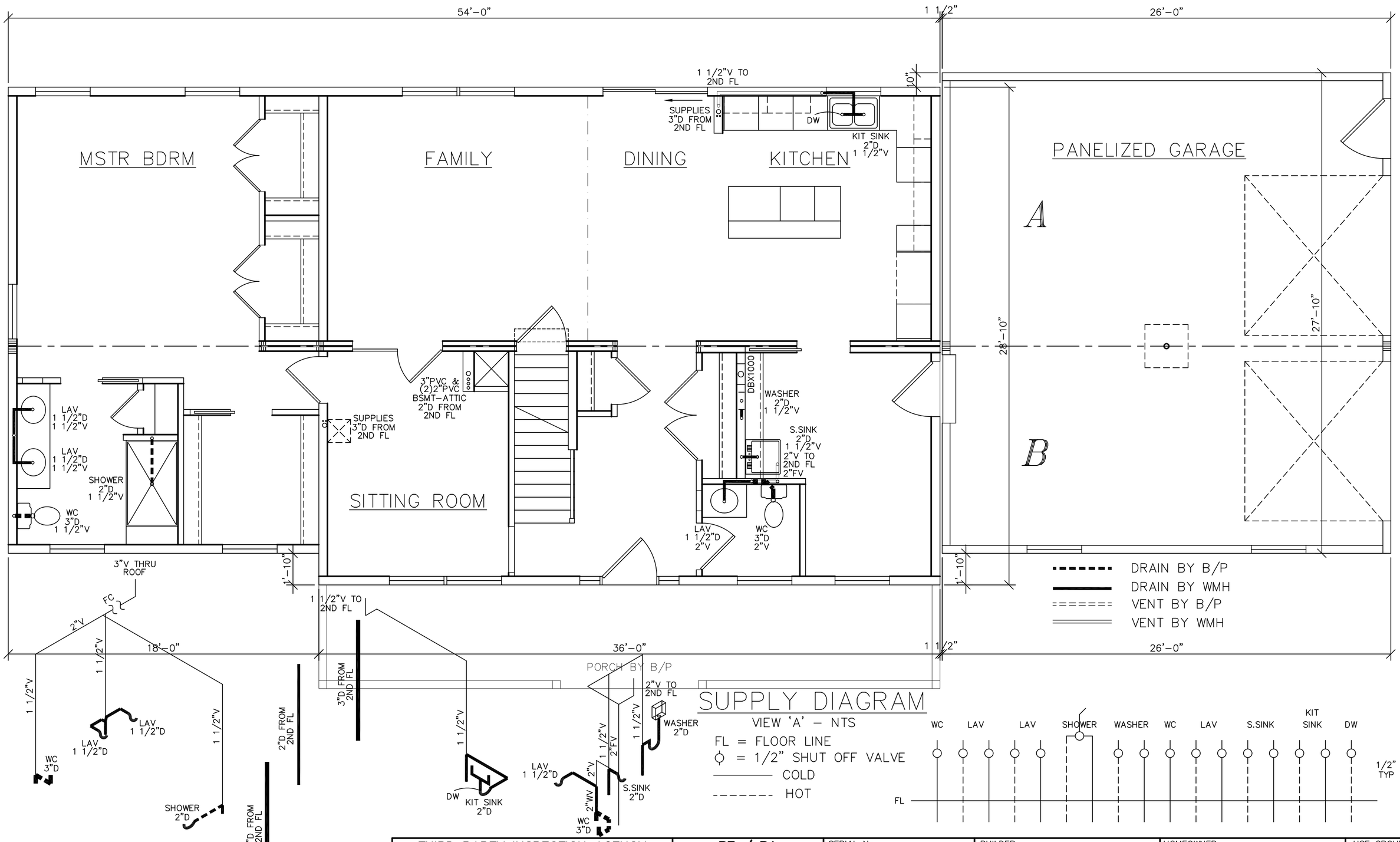
HOMEOWNER: 5 KOPAC LANE LLC

SITE: 42 SCHUYLER ROAD
BLAUVELT, NY 10913

COLONIAL CTM-L
CROSS SECTION

Westchester Modular Homes Inc
30 Reagans Mill Road, Wingdale, New York, 12594
Tel (845)832-9400 Fax (845)832-6698

USE GROUP: DETACHED SINGLE FAMILY DWELLING
CONST. TYPE: WOOD FRAME UNPROTECTED
DESIGNER: V.GIORGIO
DATE: 02/01/24
SCALE: 3/16" = 1'-0"
PAGE: 4



SUPPLY DIAGRAM

VIEW 'A' – NTS

FL = FLOOR LINE

○ = 1/2" SHUT OFF VALVE

——— COLD

- - - - - - - HOT

DWV DIAGRAM

VIEW 'A' – NTS

D = DRAIN

V = VENT

FV = FUTURE VENT

SP = STAND PIPE

DW = DISH WASHER

WC = WATER CLOSET

FC = FIELD CONNECTION BY B/P

B/P = BUILDER/PURCHASER

THIRD PARTY INSPECTION AGENCY	PE / RA
	STATE OF NEW YORK ANTHONY S. PISARRI LICENSED PROFESSIONAL ENGINEER

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DESIGNER: V.GIORGIO

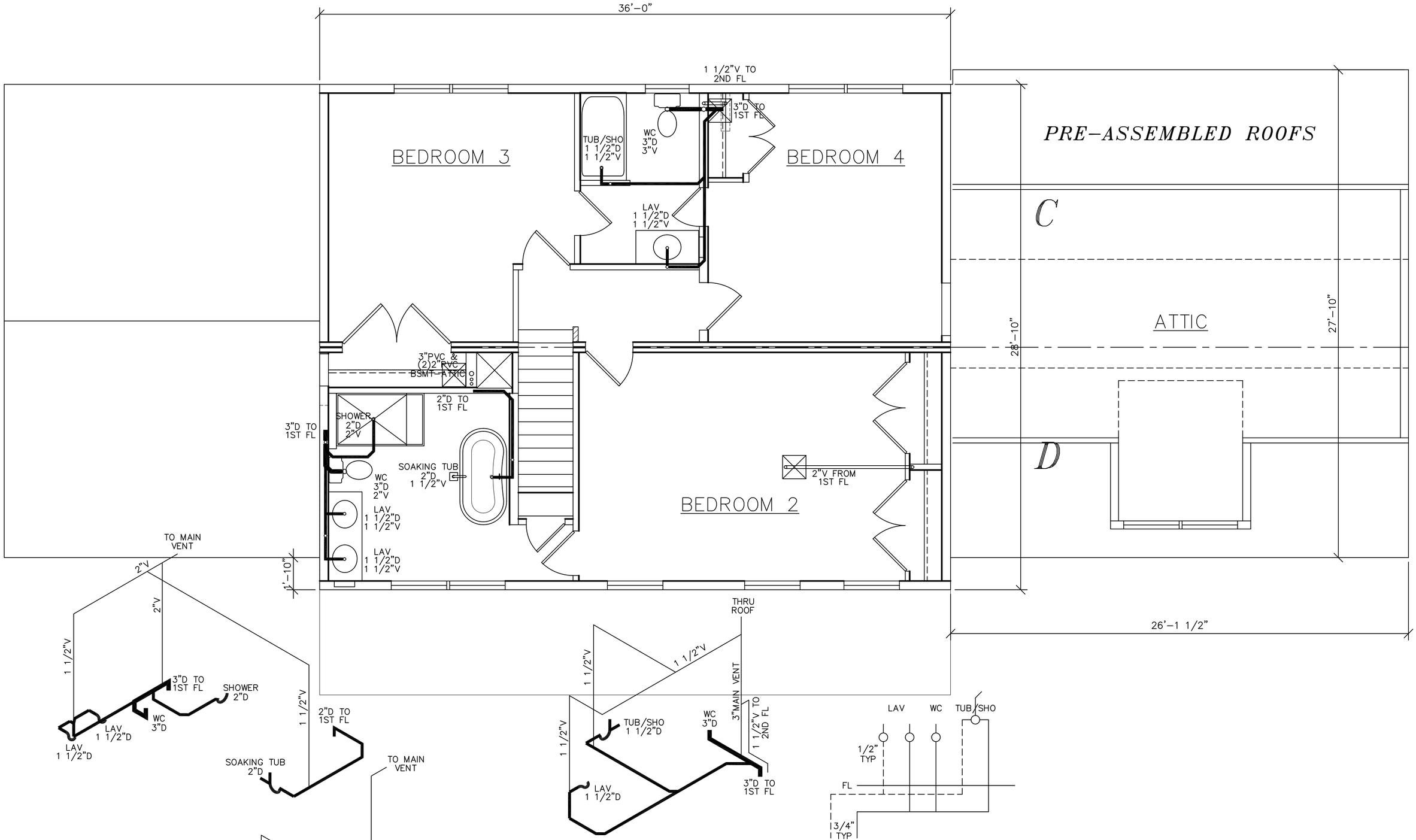
DATE: 02/01/24

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

PAGE: 5A

COLONIAL CTM-L
FIRST FLOOR PLUMBING PLAN

Westchester Modular Homes Inc
30 Reagans Mill Road, Wingdale, New York, 12594
Tel (845)832-9400 Fax (845)832-6698



THIRD PARTY INSPECTION AGENCY	PE / RA
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USE GROUP:
DETACHED SINGLE FAMILY DWELLING

CONST. TYPE:
WOOD FRAME UNPROTECTED

COLONIAL CTM-L
SECOND FLOOR PLUMBING PLAN

DESIGNER: V.GIORGIO
DATE: 02/01/24
SCALE: 1/4" = 1'-0"

Westchester Modular Homes Inc
30 Reagans Mill Road, Wingdale, New York, 12594
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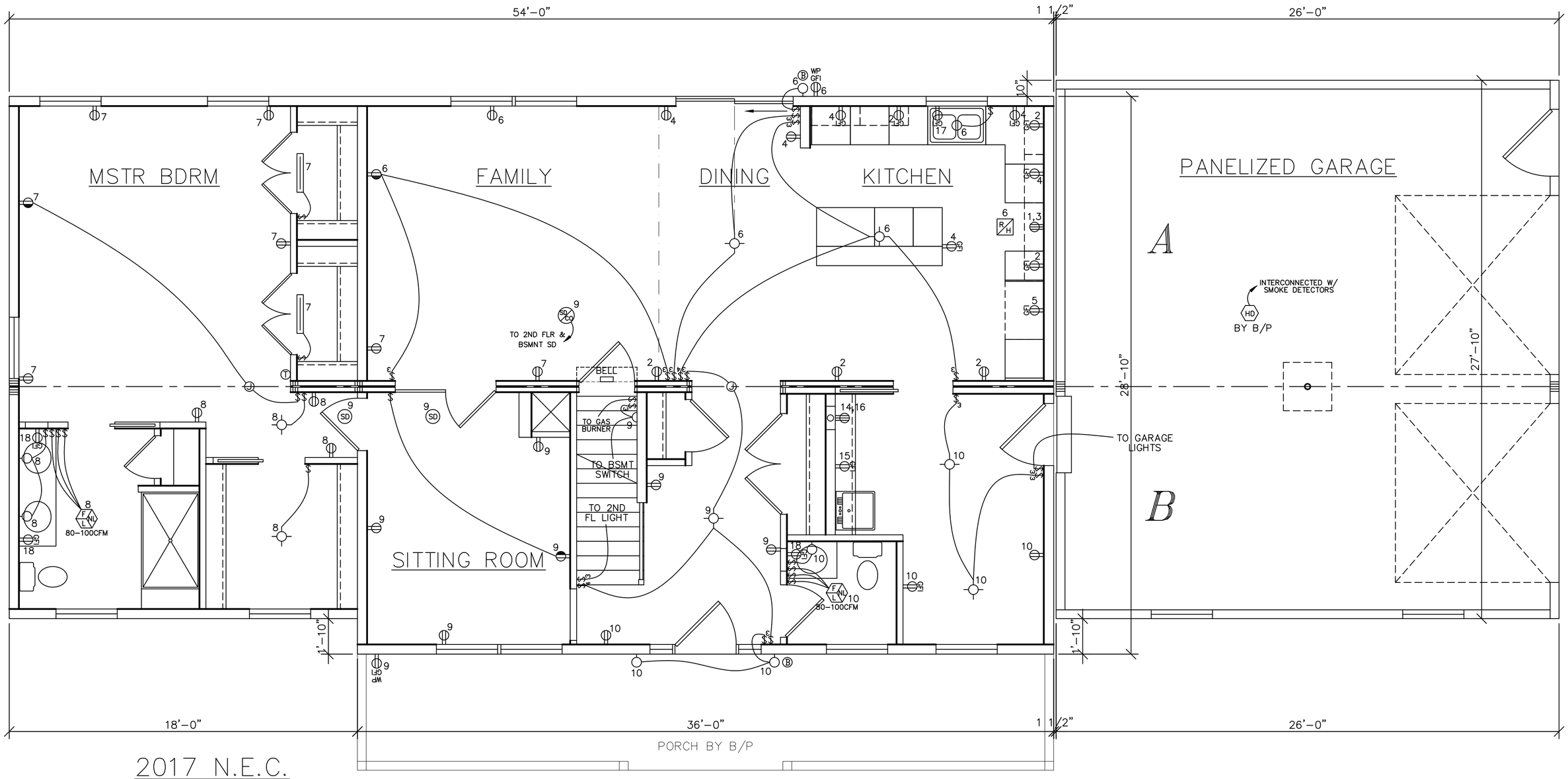
PAGE: 5B



2017 N.E.C.

* ALL OUTLETS TO BE TAMPER RESISTANT *
* ALL LIGHT FIXTURE BOXES TO BE HEAVY DUTY [50# MIN.] *
* ALL EXT. GFI RECEPTACLES TO BE UV RATED *
* FOAM GASKETS ON ALL EXT. WALLS *

CIRCUIT DIRECTORY

NO.	AMP	WIRE	CIRCUIT	CIRCUIT	WIRE	AMP	NO.
1	40	8-4	RANGE	KIT COUNT,KIT(AFI)	12-2	20	2
3	•			KIT COUNT,DINING(AFI)	12-2	20	4
5	20	12-2	REFRIGERATOR(AFI)	GL-KIT,DINING(AFI)	14-2	15	6
7	15	14-2	GL-FAMILY,MSTR(AFI)	GL-MSTR,BATH(AFI)	14-2	15	8
9	15	14-2	GL-SITTING,SD/CO(AFI)	GL-ENTRY,BATH(AFI)	14-2	15	10
11	15	14-2	GL-BDRM 3,HALL(AFI)	GL-BDRM 4,BATH(AFI)	14-2	15	12
13	15	14-2	GL-BDRM 2,BATH(AFI)	DRYER	10-4	30	14
15	20	12-2	WASHER(AFI)			•	16
17	20	12-2	DISHWASHER(AFI)	BATH GFI'S(AFI)	14-2	15	18
19							20
21							22
23							24
25							26
27							28
29							30
31							32
33							34
35							36
37			FOR FUTURE SOLAR ELECTRIC	EV READY			38
39							40

LEGEND

- PANEL BOX
- 110V DUPLEX RECEPTICAL
- 110V DUPLEX RECEPTICAL – SPLIT WIRED
- 220V RECEPTICAL
- WALL LIGHT
- CEILING LIGHT SURFACE MOUNTED
- CEILING FAN & LIGHT
- CEILING FAN
- RECESSED CEILING LIGHT(RATED FOR WET AREAS)
- SWITCH, SINGLE POLE
- SWITCH, THREE WAY
- SWITCH, FOUR WAY
- FAN/LIGHT FIXTURE
- FAN/LIGHT/NIGHT LIGHT CEILING UNIT
- FAN/LIGHT/HEAT CEILING UNIT
- RANGE/HOOD FIXTURE
- SPECIAL PURPOSE CONNECTION
- JUNCTION BOX
- AC/DC SMOKE/CARBON MONOXIDE DETECTOR
- AC/DC SMOKE DETECTOR
- BELL
- DOOR BELL BUTTON
- TELEPHONE OUTLET
- TELEVISION CABLE OUTLET
- THERMOSTAT
- VACUUM SYSTEM OUTLET
- FLOOD LIGHTS

THIRD PARTY INSPECTION AGENCY

PE / RA

STATE OF NEW YORK · ANTHONY S. PISANI · LICENSED PROFESSIONAL ENGINEER

SERIAL No. 24015

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SITE:
42 SCHUYLER ROAD
BLAUVELT, NY 10913

USE GROUP: DETACHED SINGLE FAMILY DWELLING
CONST. TYPE: WOOD FRAME UNPROTECTED

COLONIAL CTM-L
1st.FL ELECTRICAL PLAN

DESIGNER: V.GIORGIO
DATE: 02/01/24
SCALE: 1/4" = 1'-0"

Westchester Modular Homes Inc
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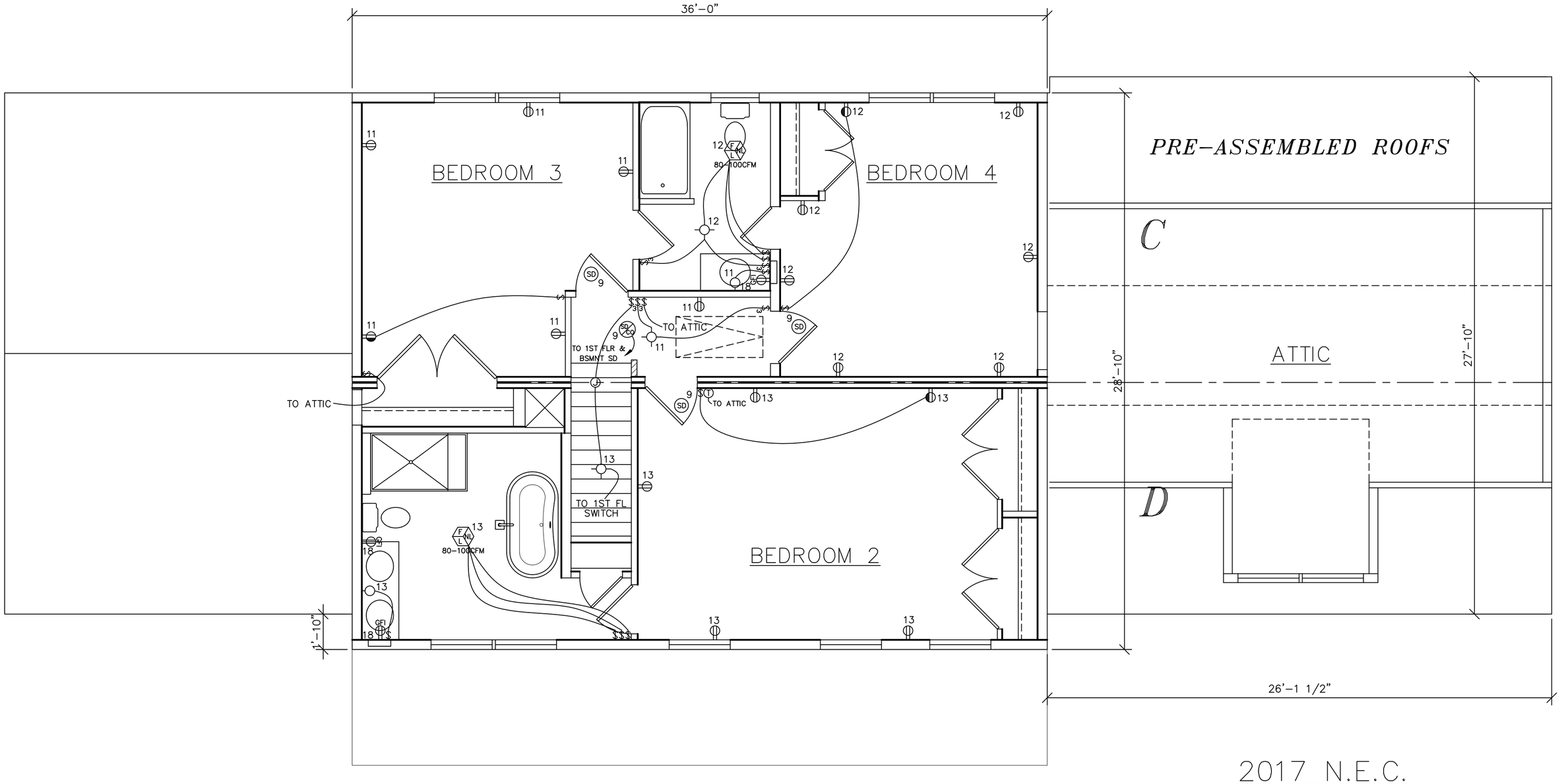
Tel (845)832-9400 Fax (845)832-6698

PAGE: 6A



2017 N.E.C.

* ALL OUTLETS TO BE TAMPER RESISTANT *
* ALL LIGHT FIXTURE BOXES TO BE HEAVY DUTY [50# MIN.] *
* ALL EXT. GFI RECEPTACLES TO BE UV RATED *
* FOAM GASKETS ON ALL EXT. WALLS *

THIRD PARTY INSPECTION AGENCY	PE / RA
	STATE OF NEW YORK ANTHONY S. PISARRA LICENSED PROFESSIONAL ENGINEER

SERIAL No. 24015
PRODUCTION No.

REVISION	DATE
.	.
CHECK	DATE

BUILDER:
WMHCC OF O.C.
642 INTERNATIONAL BLVD
ROCK TAVERN, NY 12575

HOMEOWNER:
5 KOPAC LANE LLC

SITE:
42 SCHUYLER ROAD
BLAUVELT, NY 10913

USE GROUP:
DETACHED SINGLE FAMILY DWELLING

CONST. TYPE:
WOOD FRAME UNPROTECTED

COLONIAL CTM-L
2nd.FL ELECTRICAL PLAN

DESIGNER: V.GIORGIO
DATE: 02/01/24
SCALE: 1/4" = 1'-0"
PAGE: 6B

Westchester Modular Homes Inc
30 Reagans Mill Road, Wingdale, New York, 12594
Tel (845)832-9400 Fax (845)832-6698

ANDERSEN WINDOW SCHEDULE

WINDOW	SERIES/STYLE	GLASS(SF)	VENT(SF)	"U" VALUE	SHGC	ROUGH OPENING	UNIT AREA(SF)
2432	400/DOUBLE HUNG	5.1	2.94	0.32	0.28	2'-6 1/8"x 3'-4 7/8"	8.40
3042	400/DOUBLE HUNG	9.5	5.26	0.32	0.28	3'-2 1/8"x 4'-4 7/8"	13.81
◇ 3046	400/DOUBLE HUNG	10.3	5.73	0.32	0.28	3'-2 1/8"x 4'-8 7/8"	14.85
◇ 3056	400/DOUBLE HUNG	12.9	7.14	0.32	0.28	3'-2 1/8"x 5'-8 7/8"	17.99

◇ = THESE UNITS MEET OR EXCEED A CLEAR OPENABLE AREA OF 5.7 SQ. FT., WIDTH OF 20", & HEIGHT OF 24".
WINDOWS FOLLOWED BY 'T' IN FLOOR PLANS ARE TEMPERED

EXTERIOR DOOR SCHEDULE

THERMATRU DOORS

DOOR	TYPE	SIZE	GLASS(SF)	VENT(SF)	"U" VALUE	MATERIAL	REMARKS
DX302T		5'-9" x 7'-8"					SEE BELOW
DX30(S210)	HINGED	3'-0" x 6'-8"	N/A	20	0.14	FIBERGLASS	6-PANEL
(S210SL)	SIDELIGHTS	1'-2" x 6'-8"	2.60	N/A	0.20	FIBERGLASS	1/2 GLASS
19420T	TRANSOME	5'-9" x 1-0"	5.75		0.34	FIBERGLASS	1-LITE
DX28(S210)	HINGED	2'-8" x 6'-8"	N/A	17.8	0.14	FIBERGLASS	6-PANEL
DX30(S262)	HINGED	3'-0" x 6'-8"	6.28	20	0.25	FIBERGLASS	9-LITE
DX30(B-LABEL)	HINGED	3'-0" x 6'-8"	N/A	N/A	0.18	METAL	FIRE RATED

ANDERSEN DOORS

DOOR	TYPE	SIZE	GLASS(SF)	VENT(SF)	"U" VALUE	MATERIAL
PS6180	PERMA-SHIELD GLIDING	6'-1"x 8'-0"	37.60	18.16	0.28	WOOD/VINYL

- ALL THERMATRU DOORS HAVE LEVERS W/ KEY SET UNLESS OTHERWISE NOTED ON PLANS.
- ALL GLASS IN DOORS TO BE TEMPERED
- ALL FIRE RATED DOORS HAVE SELF-CLOSING HINGES

FLOOR PLAN NOTES

1) THE BUILDER/PURCHASER IS NOTED AS B/P.
2) SEE FLOOR PLANS FOR LABEL LOCATIONS, ABBREVIATIONS ARE AS FOLLOWS:
   - [SL] STATE LABELS
   - [IA] THIRD PARTY INSPECTION AGENCY
   - [DP] DATA PLATE
   - [IBC] INDUSTRIALIZED BUILDINGS COMMISSION
   - [WL] WARRANTY LABEL
   - [CTIA] CONNECTICUT LABEL/THIRD PARTY INSPECTION AGENCY
3) MAXIMUM HEIGHT OF EGRESS WINDOW SILLS IS 3'-6" ABOVE FINISHED FLOOR.
4) REFER TO ORDER SELECTION FORM FOR SPECIFIC APPLIANCES SUPPLIED WITH THIS HOUSE.
5) BATHROOM FANS ARE RATED AT MIN. 70 CFM UNLESS OTHERWISE NOTED ON PLANS & VENTED TO THE EXTERIOR. ALL FINAL CONNECTIONS ARE TO BE DONE ON SITE BY B/P.
6) ATTIC ACCESS(ES) ON CAPE MODELS ARE TO BE DONE ON SITE BY THE B/P.
7) ALL AREAS TO BE FINISHED OR BUILT BY B/P ON SITE TO BE IN COMPLIANCE WITH ALL APPLICABLE CODE REQUIREMENTS INCLUDING (BUT NOT LIMITED TO) GARAGE, ADDITIONS, PORCHES & FIRE SEPARATIONS. TO BE INSPECTED AND APPROVED BY LOCAL BUILDING OFFICIALS
8) ALL INTERIOR AND EXTERIOR HANDRAILS OR GUARDRAILS ARE INSTALLED BY B/P HAVING SPINDLES SPACED 4" APART. HANDRAILS FOR STAIRWAYS SHALL BE CONTINUOUS FOR THE FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT.
9) ALL FACTORY INSTALLED/SUPPLIED FIREPLACES ARE TO BE COMPLETED ON SITE BY B/P, INCLUDING FLUE PIPES AND FIRE STOPS. NOTE: NO COMBUSTION AIR TO BE DRAWN FROM BEDROOMS.

SUPPLY NOTES

1) MATERIALS ARE TYPE A PEX.
2) WATER SUPPLY SHALL BE SECURELY ATTACHED TO THE BUILDING AT NOT GREATER DISTANCES BETWEEN SUPPORT INTERVALS THAN SPECIFIED:
   HORIZONTAL PIPE @ 32"
   VERTICAL PIPE AT MID-STORY (10' MAX)
3) WATER HEATER SHALL BE SUPPLIED AND INSTALLED BY B/P.
4) ALL SUPPLY LINES ARE STUBBED THROUGH THE FIRST FLOOR. SUPPLY LINES BELOW FIRST FLOOR SUPPLIED AND INSTALLED BY B/P.
5) ALL HOT WATER LINES IN UNHEATED SPACES SHALL BE INSULATED BY B/P.
6) ALL TUBS AND/OR SHOWERS SHALL BE SUPPLIED WITH ANTI-SCALD VALVES.]
7) ALL DEVICES INSTALLED WITH SELF CLOSING VALVES (I.E. WASHER, DISHWASHER) SHALL HAVE A WATER HAMMER ARRESTING DEVICE ON THE SUPPLY LINE SUPPLIED AND INSTALLED BY B/P ON SITE, IN ACCORDANCE WITH ALL STATE AND LOCAL APPLICABLE CODES.
8) ALL FIXTURE SUPPLY LINES 1/2"ø SHALL HAVE INDIVIDUAL SHUT OFF VALVES.

DWV NOTES

1) MATERIALS ARE PVC SCHEDULE 40.
2) DRAINAGE AND VENT PIPING SHALL BE SECURELY ATTACHED TO THE BUILDING AT NO GREATER SUPPORT INTERVALS THAN SPECIFIED.
   HORIZONTAL PIPE @ 4'-0" FOR 2"ø OR LARGER
   HORIZONTAL PIPE @ 3'-0" FOR 1 1/2"ø OR SMALLER
   VERTICAL PIPE @ 4'-0"
3) ALL DRAINAGE CONNECTIONS HORIZONTAL TO HORIZONTAL AND VERTICAL TO HORIZONTAL ARE LONG SWEEP OR DOUBLE 45° FITTINGS
4) HORIZONTAL VENT PIPE CONNECTIONS TO VERTICAL VENT BRANCH OR STACK SHALL OCCUR AT LEAST 6" ABOVE THE FLOOR RIM OF THE HIGHEST FIXTURE SERVED BY THE HORIZONTAL VENT.
5) STAND PIPES SHALL EXTEND NOT LESS THAN 18 INCHES AND NOT GREATER THAN 42 INCHES ABOVE THE TRAP WEIR.

ELECTRICAL NOTES

1) ELECTRICAL PANEL IS RATED 200 AMPS (UNLESS OTHERWISE NOTED) AND LOCATED PER PLAN.
2) NON-METALLIC SHEATHED CABLE IS TYPE NM-B.
3) WIRES ARE INSTALLED WITH INSULATED STAPLES.
4) ELECTRIC SERVICE SHALL BE GROUNDED BY B/P IN COMPLIANCE WITH NEC, STATE AND LOCAL CODES.
5) ALL ELECTRICAL COMPONENTS SHALL BE LISTED AND/OR LABELED BY A NATIONALLY RECOGNIZED TESTING LAB AND SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER INSTRUCTIONS AND LOCATIONS/USE INSTRUCTIONS.
6) ELECTRIC PANEL SHALL BE LOCATED AND MOUNTED IN BASEMENT BY B/P, UNLESS NOTED OTHERWISE.
7) A SERVICE DISCONNECT SHALL BE INSTALLED AT A READILY ACCESSIBLE LOCATION NEAREST THE POINT OF ENTRANCE OF THE SERVICE CONDUCTORS.
8) TELEPHONE, AND TELEVISION CABLES TO BE RUN TO THE ELECTRIC PANEL LOCATION. UNLESS OTHERWISE REQUESTED/NOTED
9) WIRELESS DOOR BELL TO BE SHIPPED LOOSE (INCLUDES 2 BUTTONS)
10) ONE GFI CIRCUIT SHALL BE INSTALLED IN BASEMENT BY B/P
11) WATER HEATER, FURNACE, BASEMENT GFI, BASEMENT LIGHTS, ETC. ARE THE SITE RESPONSIBILITY OF THE B/P.
12) A CLOTHES WASHER CIRCUIT SHALL BE INSTALLED IN BASEMENT BY B/P IF WASHER LOCATION IS NOT INCORPORATED IN HOUSE.
13) RECEPTACLES SHALL NOT BE INSTALLED DIRECTLY OVER ELECTRIC BASEBOARD HEATERS.
14) CIRCUIT BREAKERS FOR ELECTRIC BASEBOARD HEATERS ARE ONLY INSTALLED IN PANELS OF HOUSES WITH ELECTRIC BASEBOARD SYSTEMS.
15) SMOKE DETECTORS ARE INTERCONNECTED AND INSTALLED ON A LIGHTING CIRCUIT WITH NO INTERVENING SWITCHES ON THAT CIRCUIT.
16) SMOKE DETECTORS SHALL HAVE A BATTERY BACK-UP POWER SOURCE.
17) BASEMENT SMOKE DETECTORS ARE SUPPLIED BY WMH AND INSTALLED BY B/P ON SITE.
18) ALL RECCESSED LIGHTS SHALL BE IC RATED AND ALSO RATED FOR WET LOCATIONS.

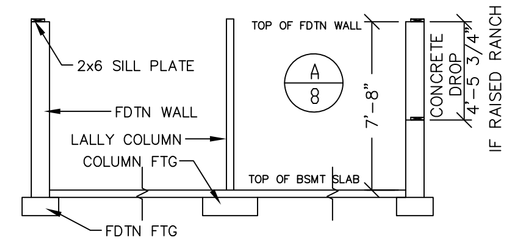
FHW (FORCED HOT WATER) BASEBOARD HEATING NOTES

1) BASEBOARD RATINGS ARE BASED ON 190°F WATER TEMPERATURE AT 1 GPM FLOW RATE WITH 65° ENTERING AIR.
2) FIRST FLOOR BASEBOARD UNITS ARE INSTALLED WITH HEATING PIPES STUBBED THRU FLOOR. SECOND FLOOR HEATING PIPES BETWEEN BASEBOARD UNITS ARE INSTALLED IN FLOOR AND/OR WALL PANELS. B/P IS RESPONSIBLE FOR INTERCONNECTION BETWEEN MODULES AND FLOORS. BALANCE OF HEATING SYSTEM IS TO BE DESIGNED, SUPPLIED AND INSTALLED BY B/P.
3) ALL HEATING PIPES IN UNHEATED SPACES SHALL BE INSULATED BY B/P.
4) MINIMUM THERMOSTAT RANGE IS 45° TO 75°F.
5) ACCESS PANELS ARE FOR THE B/P TO USE IN THE INTERCONNECTION OF THE HEATING SYSTEM. THESE PANELS MAY BE PERMANENTLY ATTACHED AND FINISHED OVER BY B/P AFTER HEATING SYSTEM IS COMPLETED.

EBB (ELECTRICAL BASEBOARD) HEATING NOTES

1) ELECTRIC BASEBOARD HEATING CIRCUITS ARE 20 AMP, 220 VOLTS WITH 12-2 NON-METALLIC SHEATHED CABLE TYPE NM-B.
2) MAXIMUM WATTAGE PER CIRCUIT SHALL BE 3750 WATTS
3) BASEBOARDS ARE RATED AT 250 WATTS PER LINEAR FOOT.
4) MINIMUM THERMOSTAT RANGE IS 45° TO 75°F.
5) GENERAL LIGHTING RECEPTACLES SHALL NOT BE LOCATED ABOVE ELECTRIC BASEBOARD HEATING UNITS.

TYPICAL B/P FOUNDATION DETAIL



USE GROUP: DETACHED SINGLE FAMILY DWELLING	BUILDER: WMHCC OF O.C. 642 INTERNATIONAL BLVD ROCK TAVERN, NY 12575	HOMEOWNER: 5 KOPAC LANE LLC SITE: 42 SCHUYLER ROAD BLAUVELT, NY 10913	SERIAL No. 24015 PRODUCTION No.	PE / RA	THIRD PARTY INSPECTION AGENCY
CONST. TYPE: WOOD FRAME UNPROTECTED					
DESIGNER: V.GIORGIO	STANDARD NOTES, SCHEDULES & DETAILS		REVISION / DATE		
DATE: 02/01/24					
SCALE: N/A			CHECK / DATE		
PAGE: 8	Westchester Modular Homes Inc 30 Reagans Mill Road, Wingdale, New York, 12594 Tel (845)832-9400 Fax (845)832-6698				