



Compliance Certificate

Project

Energy Code: **2015 IECC**
 Location: **East Hampton, New York**
 Construction Type: **Single-family**
 Project Type: **New Construction**
 Conditioned Floor Area: **2,992 ft2**
 Glazing Area: **17%**
 Climate Zone: **4 (5685 HDD)**
 Permit Date:
 Permit Number:

Construction Site:
 28 SETTLERS LANDING LANE
 EAST HAMPTON, NY 11937

Owner/Agent:
 NORI CONTRACTING
 WMHCC
 1995 ROUTE 22
 BREWSTER, NY 10509

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

Compliance: Passes using UA trade-off

Compliance: **4.7% Better Than Code** Maximum UA: **2791** Your UA: **2659** Maximum SHGC: **0.40** 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.

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	U-Factor	UA
Ceiling 1: Raised or Energy Truss	2,283	38.0	0.0	0.025	57
Ceiling 2: Cathedral Ceiling	709	30.0	0.0	0.034	24
2x6 EXTERIOR WALLS: Wood Frame, 16" o.c.	2,665	21.0	0.0	0.057	125
Window 1: Wood Frame:Double Pane with Low-E SHGC: 0.31	262			0.290	76
Door 1: Glass SHGC: 0.26	144			0.300	43
Door 2: Solid	20			0.160	3
Door 3: Glass SHGC: 0.18	46			0.270	12
Basement Wall 1: Solid Concrete or Masonry Wall height: 9.0' Depth below grade: 8.0' Insulation depth: 9.0'	2,069	0.0	12.0	0.052	108
Floor 1: Slab-On-Grade:Heated Insulation depth: 3.0'	2,992		6.0	0.739	2211

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 2015 IECC requirements in REScheck Version 4.6.4 and to comply with the mandatory requirements listed in the REScheck Inspection Checklist.

Vincent L. Giorgio - Designer

Name - Title

Vincent L. Giorgio

Signature

07/12/18

Date



Inspection Checklist

Energy Code: 2015 IECC

Requirements: 0.0% were addressed directly in the REScheck 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.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> 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.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> 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____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Section # & Req.ID	Foundation Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
402.1.2 [FO1] ¹	Slab edge insulation R-value.	R-____ <input type="checkbox"/> Unheated <input type="checkbox"/> Heated	R-____ <input type="checkbox"/> Unheated <input type="checkbox"/> Heated	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
402.1.2 [FO3] ¹	Slab edge insulation depth/length.	____ ft	____ ft	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
402.1.1 [FO4] ¹	Conditioned basement wall insulation R-value. Where interior insulation is used, verification may need to occur during Insulation Inspection. Not required in warm-humid locations in Climate Zone 3.	R-____ R-____	R-____ R-____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
303.2 [FO5] ¹	Conditioned basement wall insulation installed per manufacturer's instructions.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
402.2.9 [FO6] ¹	Conditioned basement wall insulation depth of burial or distance from top of wall.	____ ft	____ ft	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
303.2.1 [FO11] ²	A protective covering is installed to protect exposed exterior insulation and extends a minimum of 6 in. below grade.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.9 [FO12] ²	Snow- and ice-melting system controls installed.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:



1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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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-____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
402.1.1, 402.3.1, 402.3.3, 402.3.6, 402.5 [FR2] ¹	Glazing U-factor (area-weighted average).	U-____	U-____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> 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.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
402.4.1.1 [FR23] ¹	Air barrier and thermal barrier installed per manufacturer's instructions.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> 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.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> 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.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.2.1 [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.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.3.3.5 [FR15] ³	Building cavities are not used as ducts or plenums.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.4 [FR17] ²	HVAC piping conveying fluids above 105 °F or chilled fluids below 55 °F are insulated to ≥ R-3.	R-____	R-____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.4.1 [FR24] ¹	Protection of insulation on HVAC piping.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.5.3 [FR18] ²	Hot water pipes are insulated to ≥ R-3.	R-____	R-____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.6 [FR19] ²	Automatic or gravity dampers are installed on all outdoor air intakes and exhausts.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

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

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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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.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> 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 1/2 of the wall insulation on the wall exterior, the exterior insulation requirement applies (FR10).	R-_____ <input type="checkbox"/> Wood <input type="checkbox"/> Mass <input type="checkbox"/> Steel	R-_____ <input type="checkbox"/> Wood <input type="checkbox"/> Mass <input type="checkbox"/> Steel	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
303.2 [IN4] ¹	Wall insulation is installed per manufacturer's instructions.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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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-____ <input type="checkbox"/> Wood <input type="checkbox"/> Steel	R-____ <input type="checkbox"/> Wood <input type="checkbox"/> Steel	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> 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 ft ² .			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> 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.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
402.2.4 [FI3] ¹	Attic access hatch and door insulation ≥R-value of the adjacent assembly.	R-____	R-____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> 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 = ____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.2.3 [FI4] ¹	Duct tightness test result of ≤=4 cfm/100 ft ² across the system or ≤=3 cfm/100 ft ² without air handler @ 25 Pa. For rough-in tests, verification may need to occur during Framing Inspection.	____ cfm/100 ft ²	____ cfm/100 ft ²	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.3.2 [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 ft ²	____ cfm/100 ft ²	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.3.2.1 [FI24] ¹	Air handler leakage designated by manufacturer at ≤=2% of design air flow.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> 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.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.1.2 [FI10] ²	Heat pump thermostat installed on heat pumps.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.5.1 [FI11] ²	Circulating service hot water systems have automatic or accessible manual controls.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> 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.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> 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.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> 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.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> 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.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.5.2 [FI30] ²	Water distribution systems that have recirculation pumps that pump water from a heated water supply pipe back to the heated water source through a cold water supply pipe have a demand recirculation water system. Pumps have controls that manage operation of the pump and limit the temperature of the water entering the cold water piping to 104°F.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.5.4 [FI31] ²	Drain water heat recovery units tested in accordance with CSA B55.1. Potable water-side pressure loss of drain water heat recovery units < 3 psi for individual units connected to one or two showers. Potable water-side pressure loss of drain water heat recovery units < 2 psi for individual units connected to three or more showers.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
404.1 [FI6] ¹	75% of lamps in permanent fixtures or 75% of permanent fixtures have high efficacy lamps. Does not apply to low-voltage lighting.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
404.1.1 [FI23] ³ 	Fuel gas lighting systems have no continuous pilot light.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> 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
401.3 [F17] ²	Compliance certificate posted.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
303.3 [F118] ³	Manufacturer manuals for mechanical and water heating systems have been provided.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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2015 IECC Energy Efficiency Certificate

Insulation Rating	R-Value
Above-Grade Wall	21.00
Below-Grade Wall	12.00
Floor	6.00
Ceiling / Roof	38.00
Ductwork (unconditioned spaces):	_____

Glass & Door Rating	U-Factor	SHGC
Window	0.29	0.31
Door	0.30	0.26

Heating & Cooling Equipment	Efficiency
Heating System: _____	_____
Cooling System: _____	_____
Water Heater: _____	_____

Name: _____ Date: _____

Comments

1	ELEVATIONS	TOTAL AREA	= 2,992 SQ. FT.
2	FOUNDATION PLAN	USE GROUP	= DETACHED SINGLE FAMILY DWELLING
3A	FLOOR PLAN	CONST. TYPE	= VB
3W	BRACED WALL PLAN	GROUND SNOW LOAD	= 40 LB/SF
4	CROSS SECTION	SEISMIC DESIGN CAT.	= C
5A	PLUMBING PLAN	SOIL SITE CLASS	= D
6A	ELECTRICAL PLAN	WIND SPEED(vult)	= 139 MPH
8	STD. NOTES & DETAILS	EXPOSURE CATEGORY	= C
		FLOOD ZONE	= NO
		FLOOR LIVE LOAD	= 40 LB/SF

DESIGNED TO THE FOLLOWING:

NYS UNIFORM CODE (WHICH INCORPORATES BY REFERENCE):

- 2017 UNIFORM CODE SUPPLEMENT, PUBLICATION DATE JULY 2017 (2017 UCS), WHICH REPLACES THE 2016 UNIFORM CODE SUPPLEMENT (2016 UCS)
- REFERENCES THE INTERNATIONAL CODE COUNCIL PUBLICATIONS (2015 IRC, 2015 IBC, 2015 IPC, 2015 IMC, 2015 IFGC, 2015 IFC, 2015 IPMC, AND 2015 IEBC), WITH SPECIFIC CODE PRINTINGS, APPENDICES, AND REFERENCED STANDARDS AS IDENTIFIED IN THE 2017 UCS.

NYS ENERGY CODE (WHICH INCORPORATES BY REFERENCE):

- 2016 SUPPLEMENT TO THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE, PUBLICATION DATE AUGUST 2016, REVISED AUGUST 2016 (2016 ECS). ALL REFERENECES WITHIN THE 2016 ECS TO THE 2016 UCS, SHALL BE DEEMED TO BE AMENDED TO BE A REFERENCE TO THE 2017 UCS.
- REFERENCES THE 2015 INTERNATIONAL ENERGY CONSERVATION CODE (2015 IECC), AS PUBLISHED BY THE INTERNATIONAL CODE COUNCIL, WITH SPECIFIC CODE PRINTING, APPENDICES, AND REFERENCED STANDARDS AS IDENTIFIED IN THE 2016 ECS.
- ASHREA 90.1-2013, PRINTING AS IDENTIFIED IN THE 2016 ECS.
- OTHER REFERENCED STANDARDS MENTIONED IN 19 NYCRR PART 1240.

2014 NATIONAL ELECTRICAL CODE

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 M0659-2010-118.
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.
4. WHOLE HOUSE VENTILATION SYSTEM TO BE DESIGNED, SUPPLIED, AND INSTALLED ON SITE BY B/P WITH A MINIMUM CONTINUOUS FLOW RATE OF PER TABLE M1507.3.3(1). INTAKE AIR TO BE TAKEN FROM EXTERIOR AND CONNECTED TO RETURN AIR OF HVAC SYSTEM.
5. THERE ARE NO LOT LINE SEPARATION REQUIREMENTS FOR THIS DWELLING AS LOCATED ON THIS LOT.

THESE SIGNED & SEALED DRAWINGS ARE FOR BUILDING PERMIT ONLY. WESTCHESTER MODULAR HOMES WILL NOT BEGIN CONSTRUCTION OF MODULAR UNITS UNTIL NYS DOS APPROVAL HAS BEEN OBTAINED

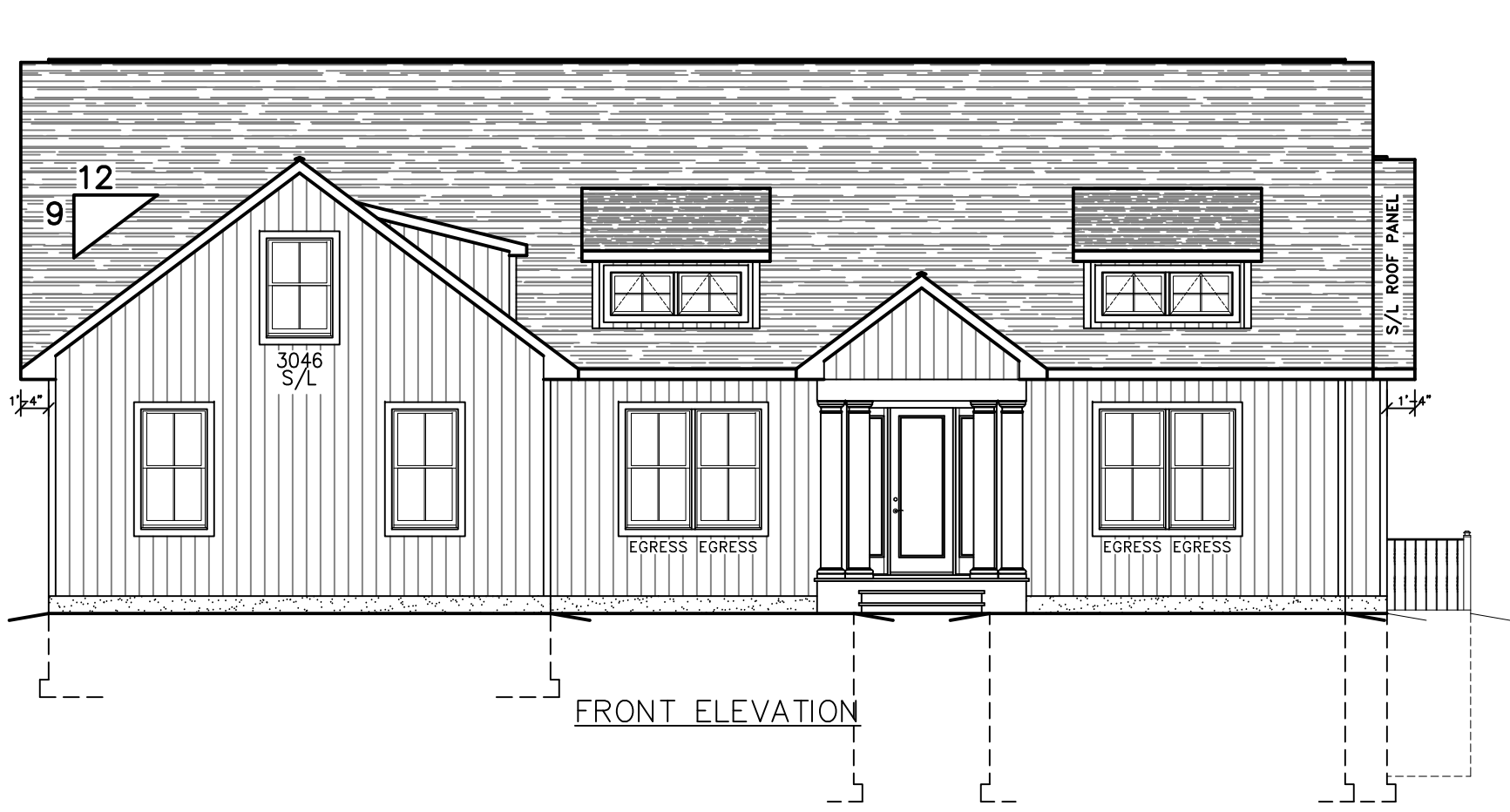
PROJECT ADDRESS
28 SETTLERS LANDING LANE
EAST HAMPTON, NY 11937
SUFFOLK COUNTY

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

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

SEE STANDARD NOTES & DETAILS DWG #8

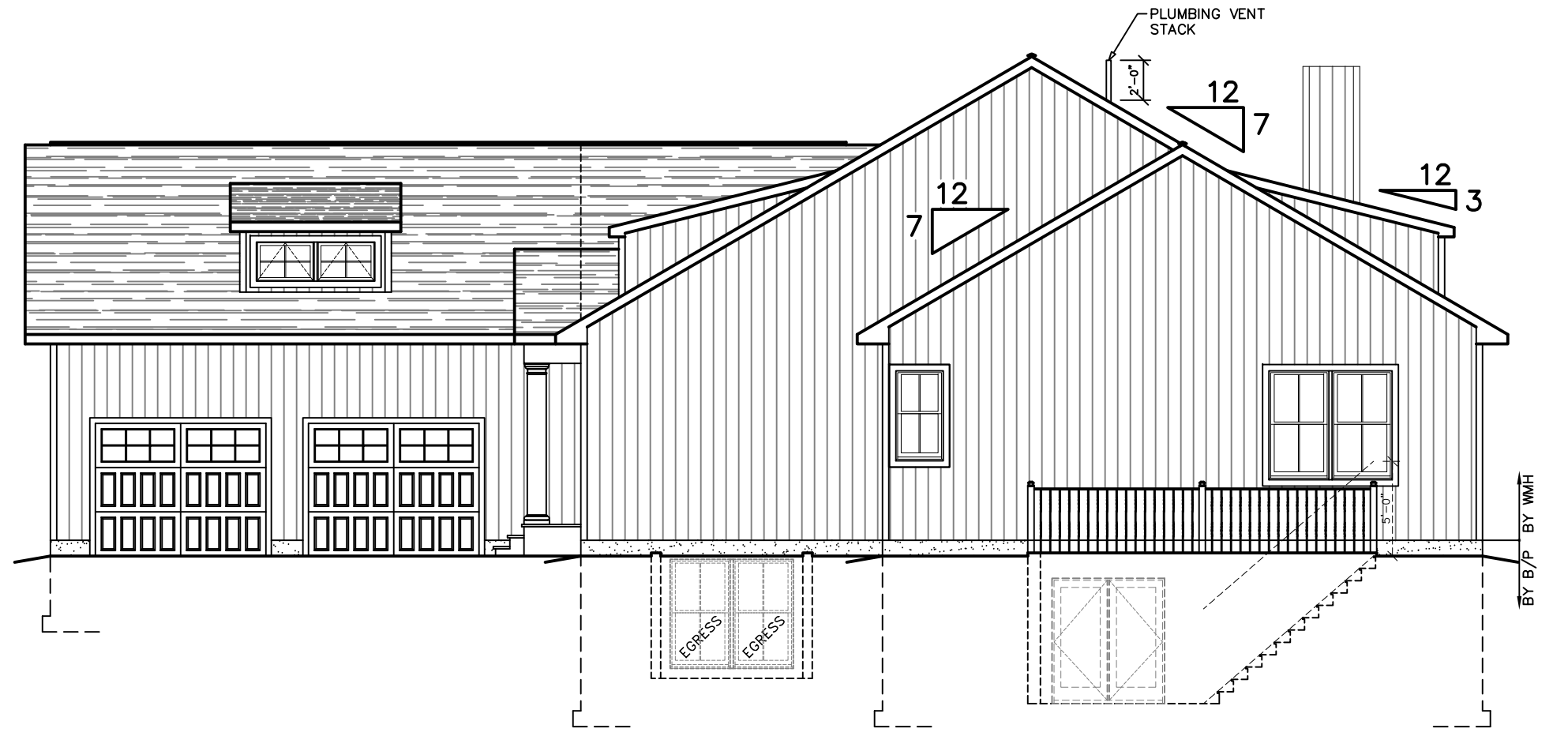
THIRD PARTY INSPECTION AGENCY	
PE / RA	
SERIAL No.	17043
PRODUCTION No.	
REVISION	DATE
CHECK	DATE
STD REVISION	11/07/17
HOMEOWNER:	NORI CONTRACTING
BUILDER:	WMHCC
CONSTR. TYPE:	5B
DESIGNER:	V. CIORGIO
DATE:	06/08/18
SCALE:	N/A
PAGE:	0
SITE:	28 SETTLERS LANDING LANE EAST HAMPTON, NY 11937
NEW YORK 1 STORY COVER SHEET	
Westchester Modular Homes Inc 30 Reagans Mill Road, Wingdale, New York, 12594 Tel (845)832-9400 Fax (845)832-6698	



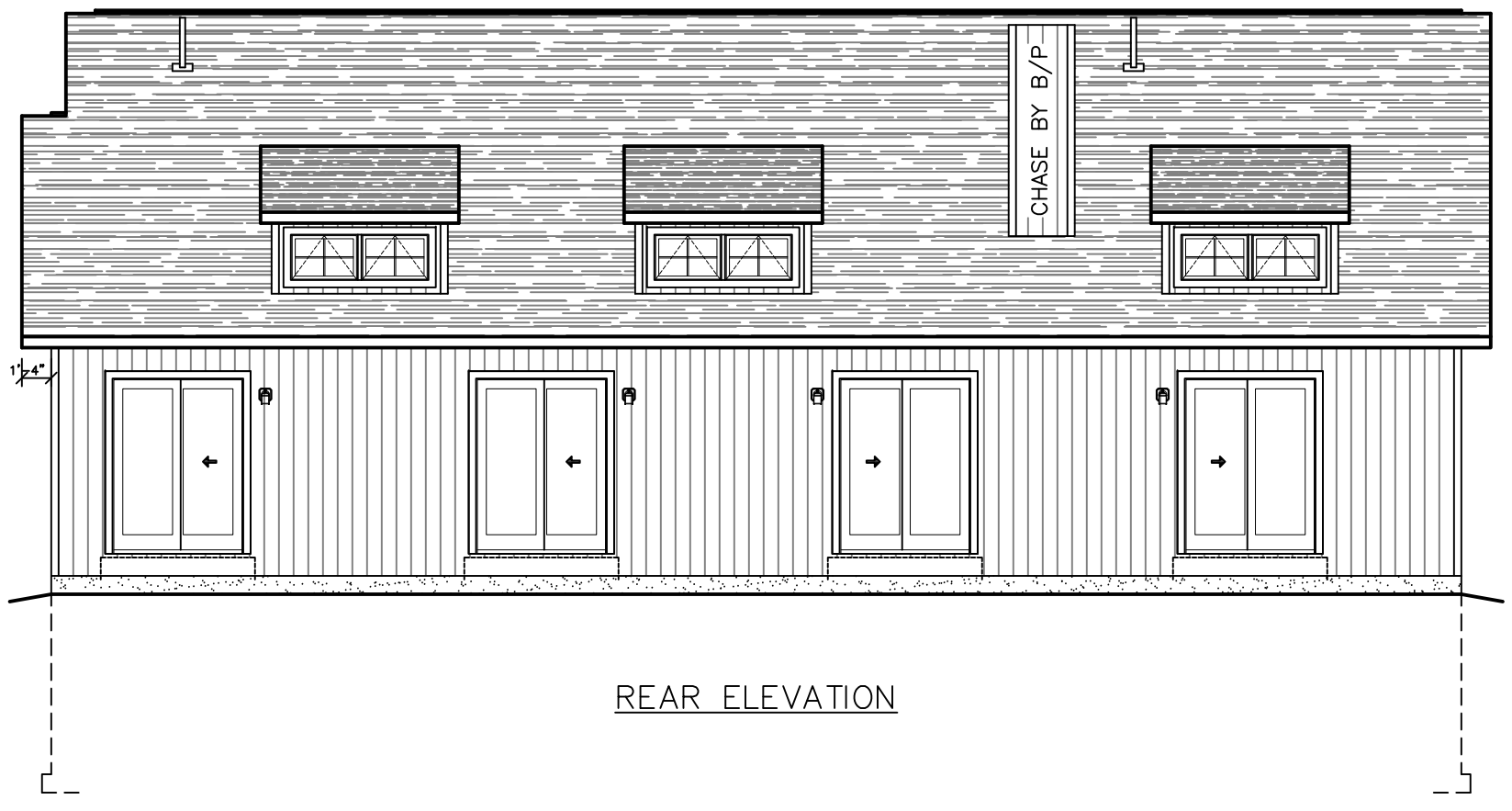
FRONT ELEVATION

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

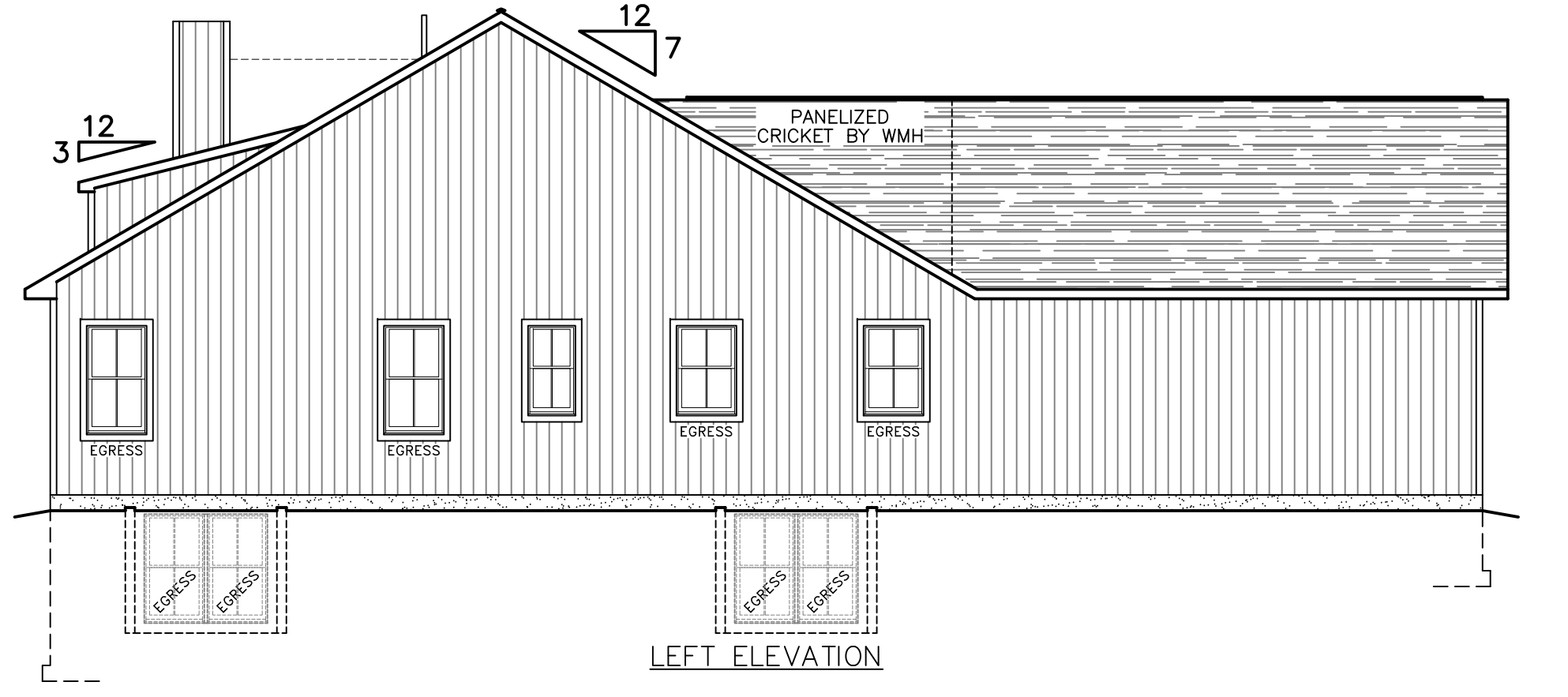
NOTE:
ALL EXTERIOR STAIRS, RAILS, & GUARDS TO
BE DESIGNED, SUPPLIED, AND INSTALLED
ON SITE BY B/P PER R311.7 & 312.1



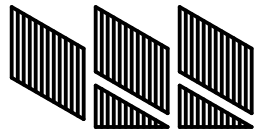
RIGHT ELEVATION

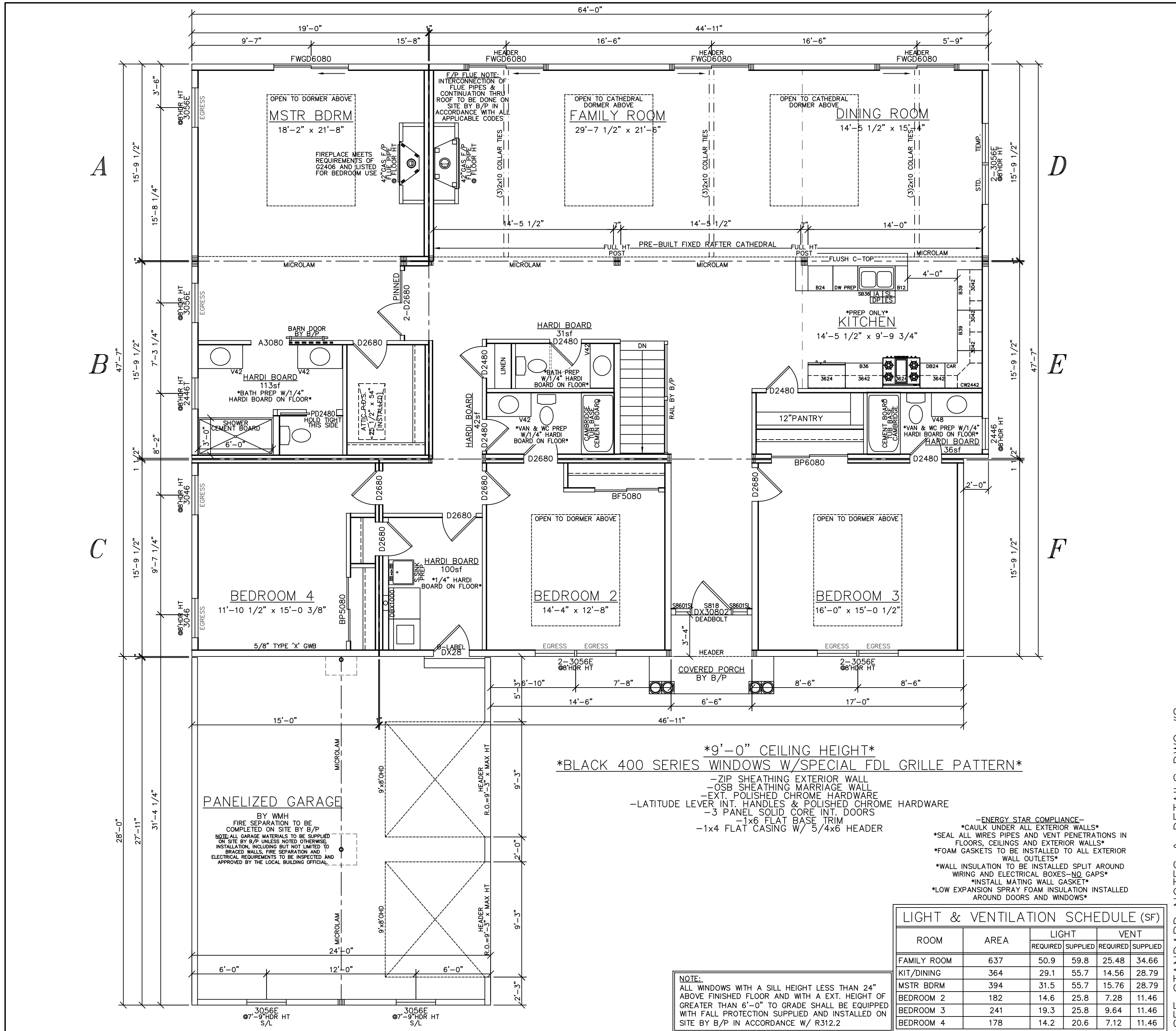


REAR ELEVATION



LEFT ELEVATION

THIRD PARTY INSPECTION AGENCY	PE / RA	SERIAL No. 17043	BUILDER: WMHCC 1995 ROUTE 22 BREWSTER, NY 10509	HOMEOWNER: NORI CONTRACTING SITE: 28 SETTLERS LANDING LANE EAST HAMPTON, NY 11937	USE GROUP: DETACHED SINGLE FAMILY DWELLING CONST. TYPE: 5B
		PRODUCTION No.	RANCH CTM-R ELEVATIONS		DESIGNER: V. GIORGIO DATE: 06/08/18 SCALE: 1/8" = 1'-0"
		REVISION	DATE	 Westchester Modular Homes Inc 30 Reagans Mill Road, Wingdale, New York, 12594 Tel (845)832-9400 Fax (845)832-6698	
		CHECK	DATE	PAGE: 1	



9'-0" CEILING HEIGHT
 BLACK 400 SERIES WINDOWS W/SPECIAL FDL GRILLE PATTERN

- ZIP SHEATHING EXTERIOR WALL
- OSB SHEATHING MARRIAGE WALL
- EXT. POLISHED CHROME HARDWARE
- LATITUDE LEVER INT. HANDLES & POLISHED CHROME HARDWARE
- 3 PANEL SOLID CORE INT. DOORS
- 1x6 FLAT BASE TRIM
- 1x4 FLAT CASING W/ 5/4x6 HEADER

- ENERGY STAR COMPLIANCE-
- *CAULK UNDER ALL EXTERIOR WALLS*
- *SEAL ALL WIRES PIPES AND VENT PENETRATIONS IN FLOORS, CEILINGS AND EXTERIOR WALLS*
- *FOAM GASKETS TO BE INSTALLED TO ALL EXTERIOR WALL OUTLETS*
- *WALL INSULATION TO BE INSTALLED SPLIT AROUND WIRING AND ELECTRICAL BOXES-NO GAPS*
- *INSTALL MATING WALL GASKET*
- *LOW EXPANSION SPRAY FOAM INSULATION INSTALLED AROUND DOORS AND WINDOWS*

LIGHT & VENTILATION SCHEDULE (SF)					
ROOM	AREA	LIGHT		VENT	
		REQUIRED	SUPPLIED	REQUIRED	SUPPLIED
FAMILY ROOM	637	50.9	59.8	25.48	34.66
KIT/DINING	364	29.1	55.7	14.56	28.79
MSTR BDRM	394	31.5	55.7	15.76	28.79
BEDROOM 2	182	14.6	25.8	7.28	11.46
BEDROOM 3	241	19.3	25.8	9.64	11.46
BEDROOM 4	178	14.2	20.6	7.12	11.46

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

SEE STANDARD NOTES & DETAILS DWG #8

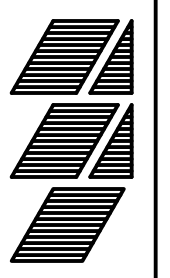
USE GROUP: DETACHED SINGLE FAMILY DWELLING	BUILDER: WMHCC 1995 ROUTE 22 BREWSTER, NY 10509	HOMEOWNER: NORI CONTRACTING SITE: 28 SETTLERS LANDING LANE EAST HAMPTON, NY 11937	SERIAL No. 17043	THIRD PARTY INSPECTION AGENCY
DESIGNER: V. CIORGIO	DATE: 06/08/18	SCALE: 3/16" = 1'-0"	REVISION	PE / RA
PAGE: 3A	DATE	CHECK	DATE	DATE
STANDARD REVISION	DATE	DATE	DATE	DATE
01/10/15				

RAINCH

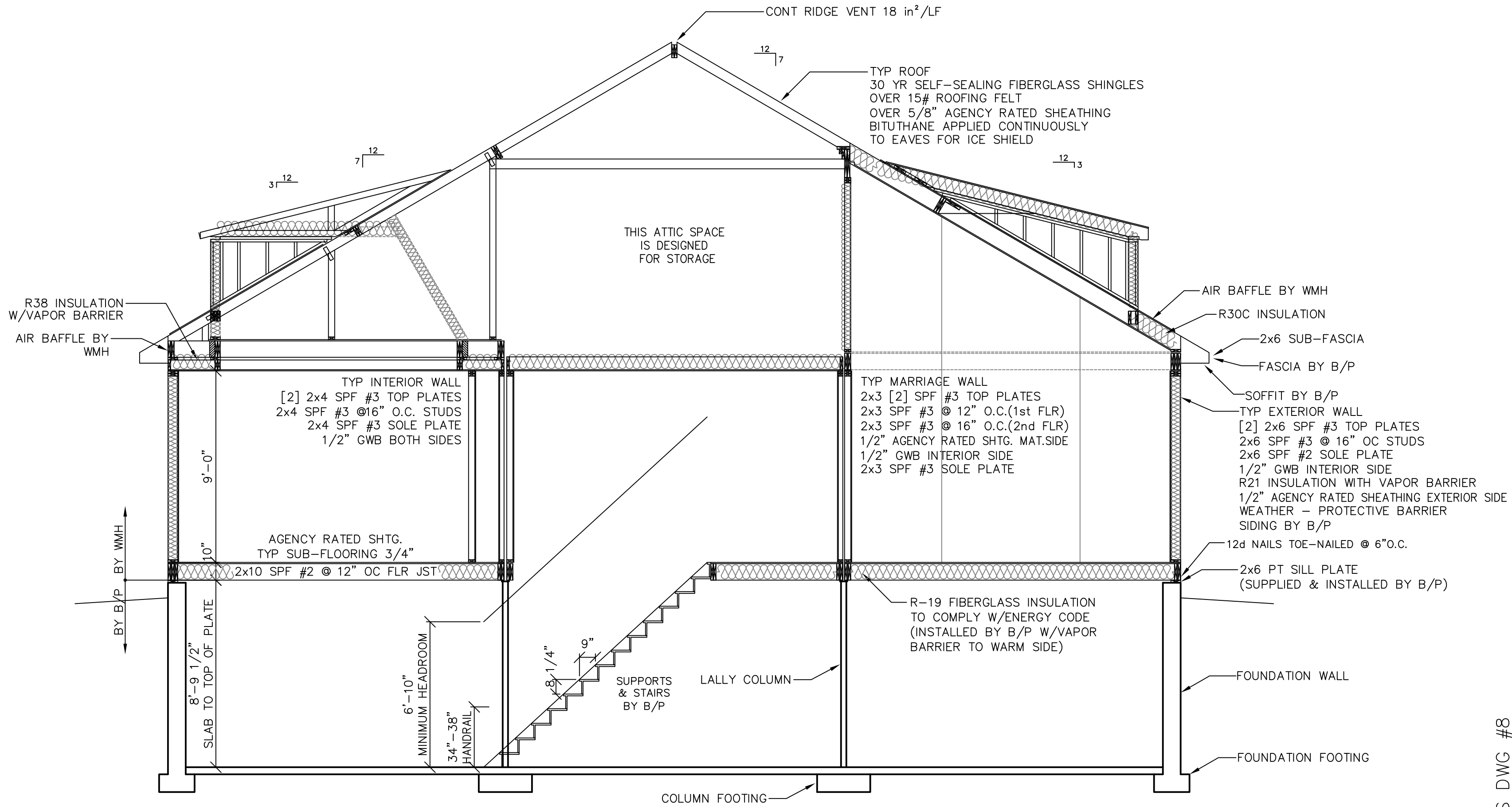
FIRST FLOOR PLAN

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



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.

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 SERIES D/H WINDOWS AND WILL SUPPORT A PRESSURE OF 42psf

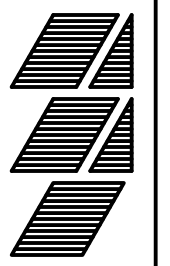
WIND PRESSURE FOR WINDOWS/DOORS [PER TABLE R301.2(2)] IS -19.0psf

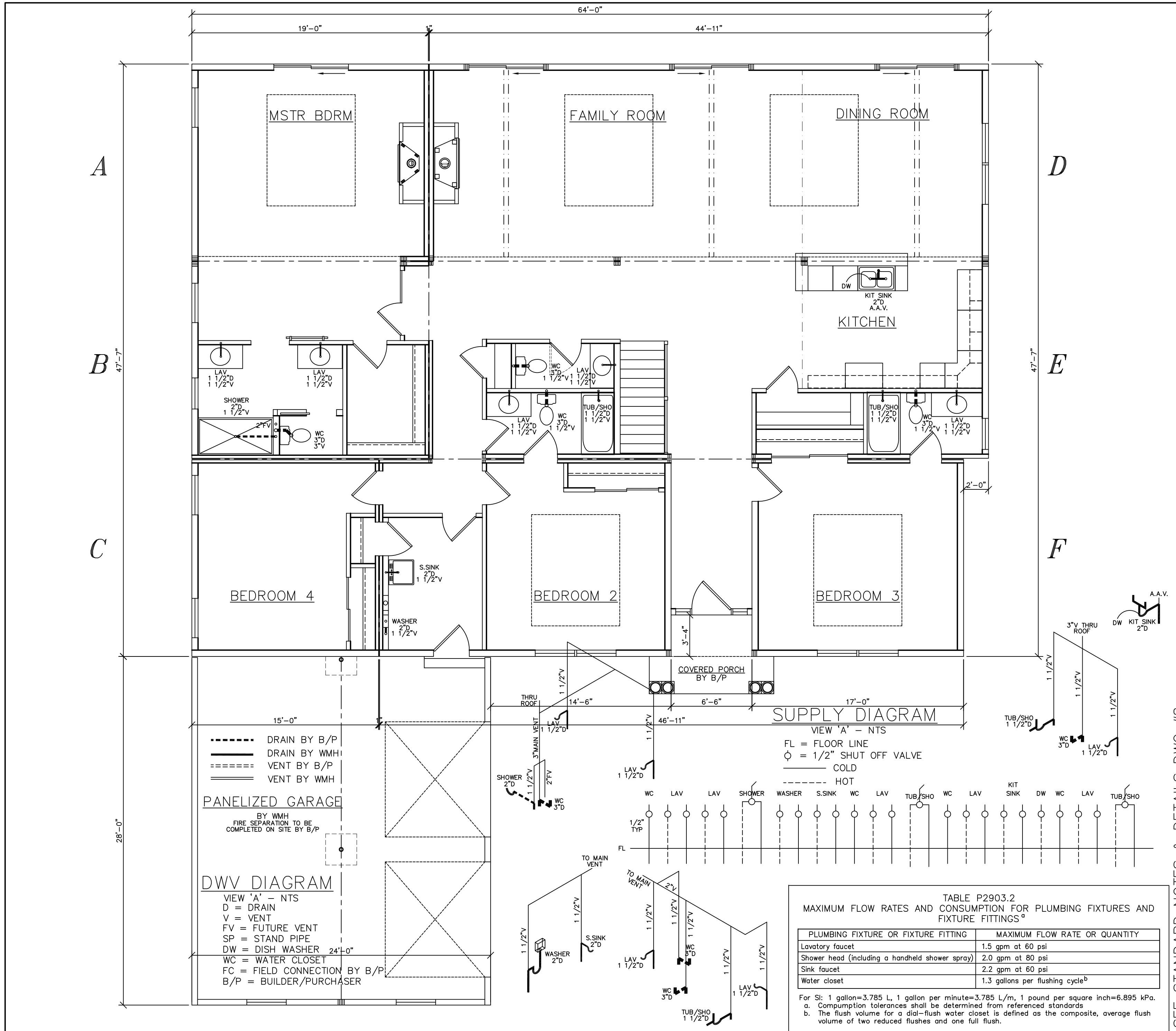
SEE STANDARD NOTES & DETAILS DWG #8

THIRD PARTY INSPECTION AGENCY		PE / RA	
SERIAL No.	17043	PRODUCTION No.	
HOMEOWNER:	NORI CONTRACTING	REVISION	DATE
BUILDER:	WMHCC 1995 ROUTE 22 BREWSTER, NY 10509	CHECK	DATE
USE GROUP:	DETACHED SINGLE FAMILY DWELLING	P. McHUGH	11/16/09
CONSTR. TYPE:	5B		
DESIGNER:	V. CIORGIO		
DATE:	06/08/18		
SCALE:	1/4" = 1'-0"		
PAGE:	4		

**RAINCH CTM-R
CROSS SECTION**

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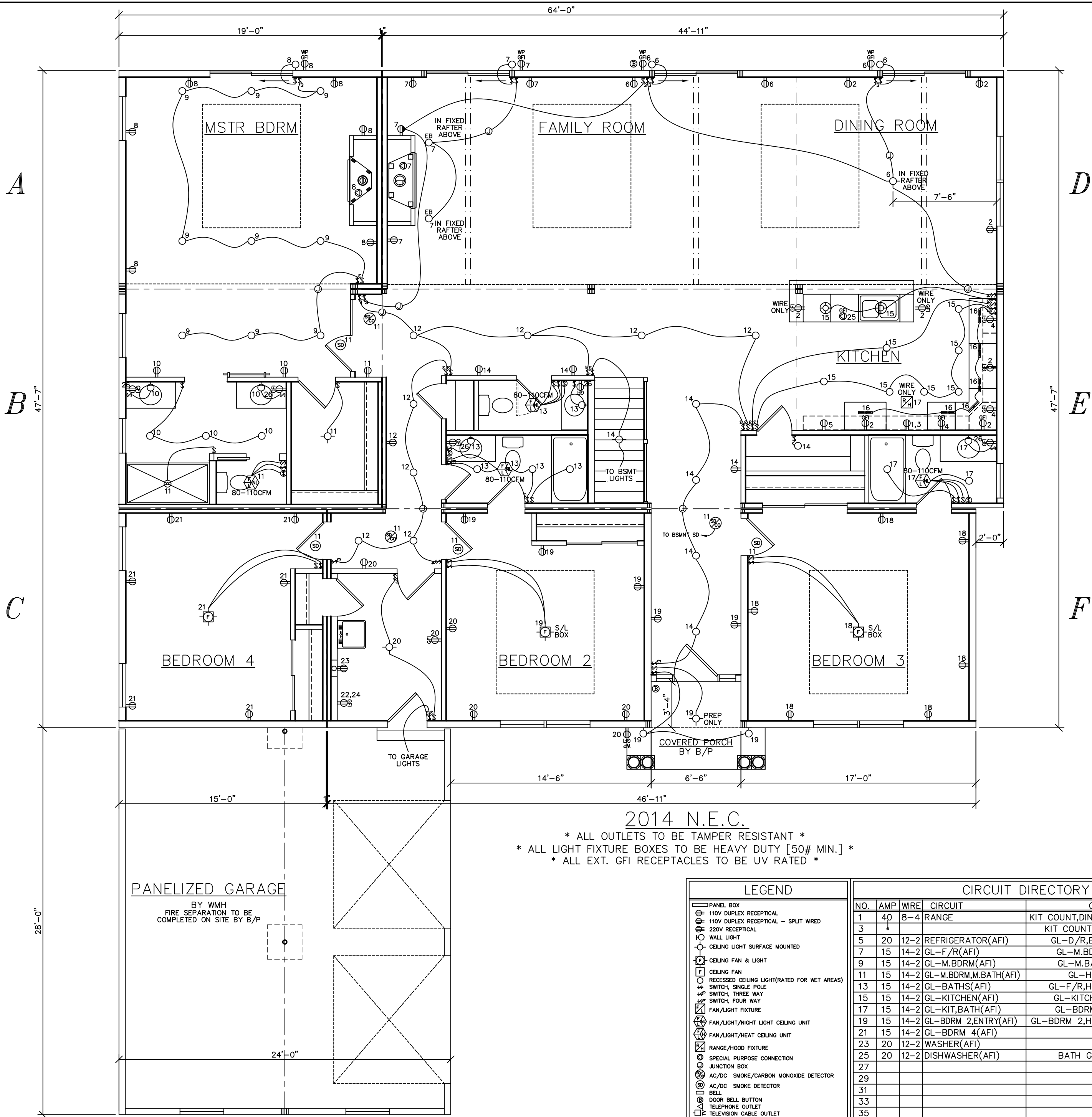


SEE STANDARD NOTES & DETAILS DWG #8

USE GROUP: DETACHED SINGLE FAMILY DWELLING	BUILDER: WMHCC 1995 ROUTE 22 BREWSTER, NY 10509	HOMEOWNER: NORI CONTRACTING SITE: 28 SETTLERS LANDING LANE EAST HAMPTON, NY 11937	SERIAL No. 17043	THIRD PARTY INSPECTION AGENCY
DESIGNER: V. GIORGIO	DATE: 06/08/18	SCALE: 3/16" = 1'-0"	PRODUCTION No.	PE / RA
PAGE: 5A	REVISION	CHECK	DATE	DATE
				01/10/15

RAVICH CTM-R
FIRST FLOOR PLUMBING PLAN

Westchester Modular Homes Inc
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2014 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 *

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

CIRCUIT DIRECTORY							
NO.	AMP	WIRE	CIRCUIT	CIRCUIT	WIRE	AMP	NO.
1	40	8-4	RANGE	KIT COUNT,DINING(AFI)	12-2	20	2
3				KIT COUNT,KIT(AFI)	12-2	20	4
5	20	12-2	REFRIGERATOR(AFI)	GL-D/R,EXT.(AFI)	14-2	15	6
7	15	14-2	GL-F/R(AFI)	GL-M.BDRM(AFI)	14-2	15	8
9	15	14-2	GL-M.BDRM(AFI)	GL-M.BATH(AFI)	14-2	15	10
11	15	14-2	GL-M.BDRM,M.BATH(AFI)	GL-HALL(AFI)	14-2	15	12
13	15	14-2	GL-BATHS(AFI)	GL-F/R,HALL(AFI)	14-2	15	14
15	15	14-2	GL-KITCHEN(AFI)	GL-KITCHEN(AFI)	14-2	15	16
17	15	14-2	GL-KIT,BATH(AFI)	GL-BDRM 3(AFI)	14-2	15	18
19	15	14-2	GL-BDRM 2,ENTRY(AFI)	GL-BDRM 2,HALL(AFI)	14-2	15	20
21	15	14-2	GL-BDRM 4(AFI)	DRYER	10-4	30	22
23	20	12-2	WASHER(AFI)				24
25	20	12-2	DISHWASHER(AFI)	BATH GFI'S(AFI)	12-2	20	26
27							28
29							30
31							32
33							34
35							36
37							38
39							40

SEE STANDARD NOTES & DETAILS DWG #8

USE GROUP: DETACHED SINGLE FAMILY DWELLING	HOMEOWNER: NORI CONTRACTING	SERIAL No. 17043	THIRD PARTY INSPECTION AGENCY
CONST. TYPE: 5B	SITE: 28 SETTLERS LANDING LANE EAST HAMPTON, NY 11937	PRODUCTION No.	PE / RA
DESIGNER: V.GIORGIO	DATE: 06/08/18	REVISION	DATE
SCALE: 3/16" = 1'-0"	SCALE: 3/16" = 1'-0"	CHECK	DATE
PAGE: 6A	WESTCHESTER Modular Homes Inc 30 Reagans Mill Road, Wingdale, New York, 12594 Tel (845)832-9400 Fax (845)832-6698	STD. REVISION	DATE 01/10/15

RAINCHI CTM-R
1st.FL ELECTRICAL PLAN



WINDOW SCHEDULE

Table with columns: WINDOW NO., MFG'R TYPE, GLASS INVENT, U-VALUE, SHGC, CLEAR OPENING. Includes rows for Andersen 400 AWNING, 400 D.H., 400 D.H., 400 D.H. windows.

*= THESE UNITS MEET OR EXCEED A CLEAR OPENABLE AREA OF 5.7 SQ. FT., WIDTH OF 20", & HEIGHT OF 24".

EXTERIOR DOOR SCHEDULE

Table with columns: DOOR NO., DOOR SIZE, DOOR TYPE. Includes rows for DX28, DX302, FWG6080 doors.

FLOOR PLAN NOTES

- 1. Label locations are designated by: [SX] State Labels, [IA] Third Party Inspection Agency, [DP] Data Plate
2. Maximum height of egress window sills is 3'-6" Above Finished Floor
3. Refer to order selection form for specific appliances supplied with this house.
4. Bath room fans are rated at 50 CFM.

- 5. Attic Access(es) on Cape Models are to be done on site by Builder Purchaser.
6. If applied, any part to be finished by builder on site, shall be in compliance with all applicable building code requirements and under jurisdiction of the local building inspector. (garage, additions, porch, etc)
7. All interior and exterior Handrails and/or Guardrails are installed by Builder/Purchaser

SUPPLY NOTES

- 1. Materials are type A PEX.
2. Water supply shall be securely attached to the building at no greater distances between support intervals than specified : Horizontal pipe at 32"
Vertical pipe at mid-story (10' max).
Water heater to be supplied and installed by B/P.
Supply lines below first floor supplied and installed by B/P.
All hot water lines in unheated spaces shall be insulated by B/P.
All tubs and/or showers to be supplied with anti-scald valves
All devices installed with self closing valves (i.e. washer,dishwasher) shall have a water hammer arresting device on the supply line
State and local applicable codes.
All fixture supply lines 1/2" diameter 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 at 4'-0" for Ø2" or larger
Vertical pipe at 3'-0" for Ø1 1/2" or smaller
Horizontal pipe at 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.

ELECTRICAL NOTES

- 1. Electrical panel is rated 200 amps.
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.
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.
5. Electric panel shall be located and mounted in basement by B/P, unless noted otherwise.
6. A service disconnect shall be installed at a readily accessible location nearest the point of entrance of the service conductors.
7. Telephone and television cable options run to the electric panel location.
8. Door bell wires shall be connected in basement by B/P.

- 10. Door bell button at split entry front doors shall be installed by B/P
11. One [1] GFI circuit shall be installed in basement by B/P.
12. A clothes washer circuit shall be installed in basement by B/P if washer location is not incorporated into 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.

EBB - 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.

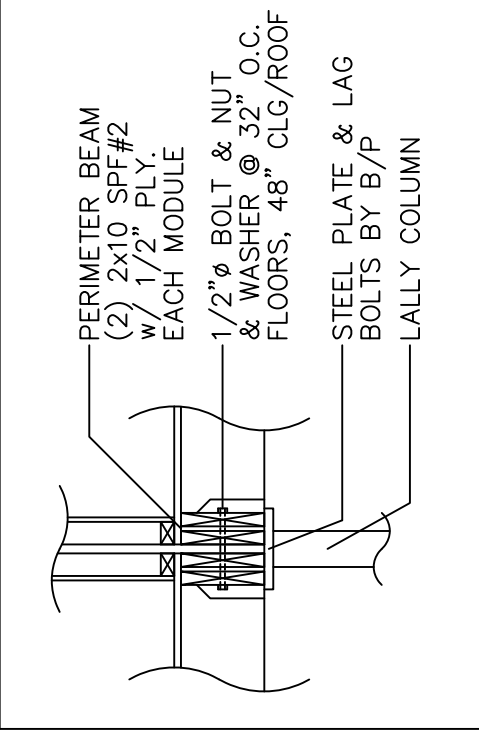
FHW - HEATING NOTES

- 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 Builder/Purchaser 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

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. Minimum column footing size shall be 2'-6" x 2'-6" x 10" deep.
4. Concrete strength shall be 3000 psi or greater.
5. Lally column shall be minimum Ø3 1/2" steel pipe.
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 plates.

PERIMETER BEAM DETAIL



USE GROUP: DETACHED SINGLE FAMILY DWELLING
CONST. TYPE: 5B
DESIGNER: V.GIORGIO
DATE: 06/08/18
SCALE: N/A
PAGE: 8

BUILDER: WMHCC
1995 ROUTE 22
BREWSTER, NY 10509

HOMEOWNER: NORI CONTRACTING
SITE: 28 SETTLERS LANDING LANE
EAST HAMPTON, NY 11937

STANDARD NOTES & DETAILS



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Tel (914)832-9400 Fax (914)832-6698

SERIAL No. 17043
PRODUCTION No.

Table with columns: REVISION, DATE, CHECK, DATE. Includes a row for revision and date tracking.

PE / RA

THIRD PARTY INSPECTION AGENCY