



# Commonwealth of Massachusetts

## Manufactured Buildings Program

Transmittal Form for all correspondences relating to  
Manufactured Buildings and Building Components

To: Kimberly Spencer, Manufactured Buildings Program	Phone Number:	Date Transmitted
Kimberly.Spencer@state.ma.us	508-898-0167	
Commonwealth of Massachusetts	167 Lyman Street / P.O. Box 1063	
Board of Building Regulations and Standards	Hadley Building - Ground Floor	
Westboro	Massachusetts	01581

The person forwarding this material shall complete the following portion of this transmittal

Name of Person	MC Number	TPIA Number
Transmitting Material Tracy Myers	MC029	02

The following information is being transmitted to the Board of Building Regulations and Standards and / or the Department of Public Safety for reasons detailed below (Please check the appropriate box or give a further description of the transmitted items under the section labeled <i>other</i> . Be sure to identify the appropriate Use Group.)	Please indicate the Distinct Model and / or Serial Number pertaining to transmitted items	Use Group
Building Plans for Review and Approval <input type="checkbox"/>		
Building Plans forwarded as a record copy for your files (Review not required) <input checked="" type="checkbox"/>	38986	R4
Revised building plans for review. (Please clearly identify revisions on the plans.) <input type="checkbox"/>		
Revised Building Plans forwarded as a record copy for your files (Review not required - Please clearly identify revisions on the plans.) <input type="checkbox"/>		

Compliance Assurance Programs	Original Submission <input type="checkbox"/>	Modification to: _____ <input type="checkbox"/>
Calculations Manual	Original Submission <input type="checkbox"/>	Modification to: _____ <input type="checkbox"/>
Installation Manual	Original Submission <input type="checkbox"/>	Modification to: _____ <input type="checkbox"/>
Systems Drawings	Original Submission <input type="checkbox"/>	Modification to: _____ <input type="checkbox"/>

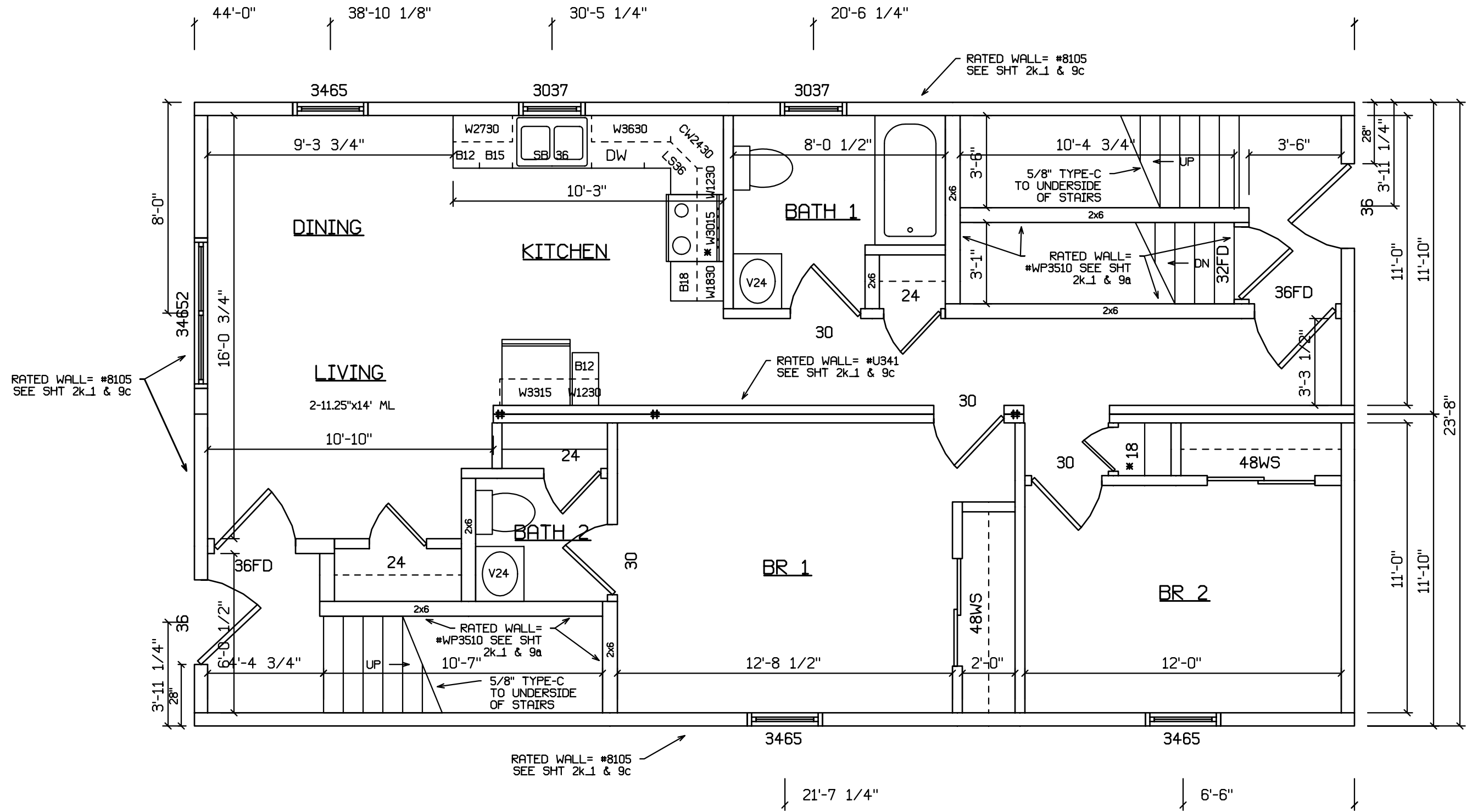
Other - Provide a detailed description of any other materials which are being transmitted. **Identify any revisions clearly along with BBRS number.**  
Also, identify the requested action.

Site Location: Roslindale

The office transmitting this information has reviewed the above mentioned and attached materials and has found them, to the best of our knowledge and abilities, to be in compliance with the codes and \ or rules and regulations for the Commonwealth of Massachusetts' Manufactured Building Program, as applicable

Signed By for TPIA:	BBRS No: assigned by Mass.	Signed By for MASS:
<div style="border: 1px solid black; height: 40px; width: 100%;"></div>	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<div style="border: 1px solid black; height: 40px; width: 100%;"></div>

Print Form

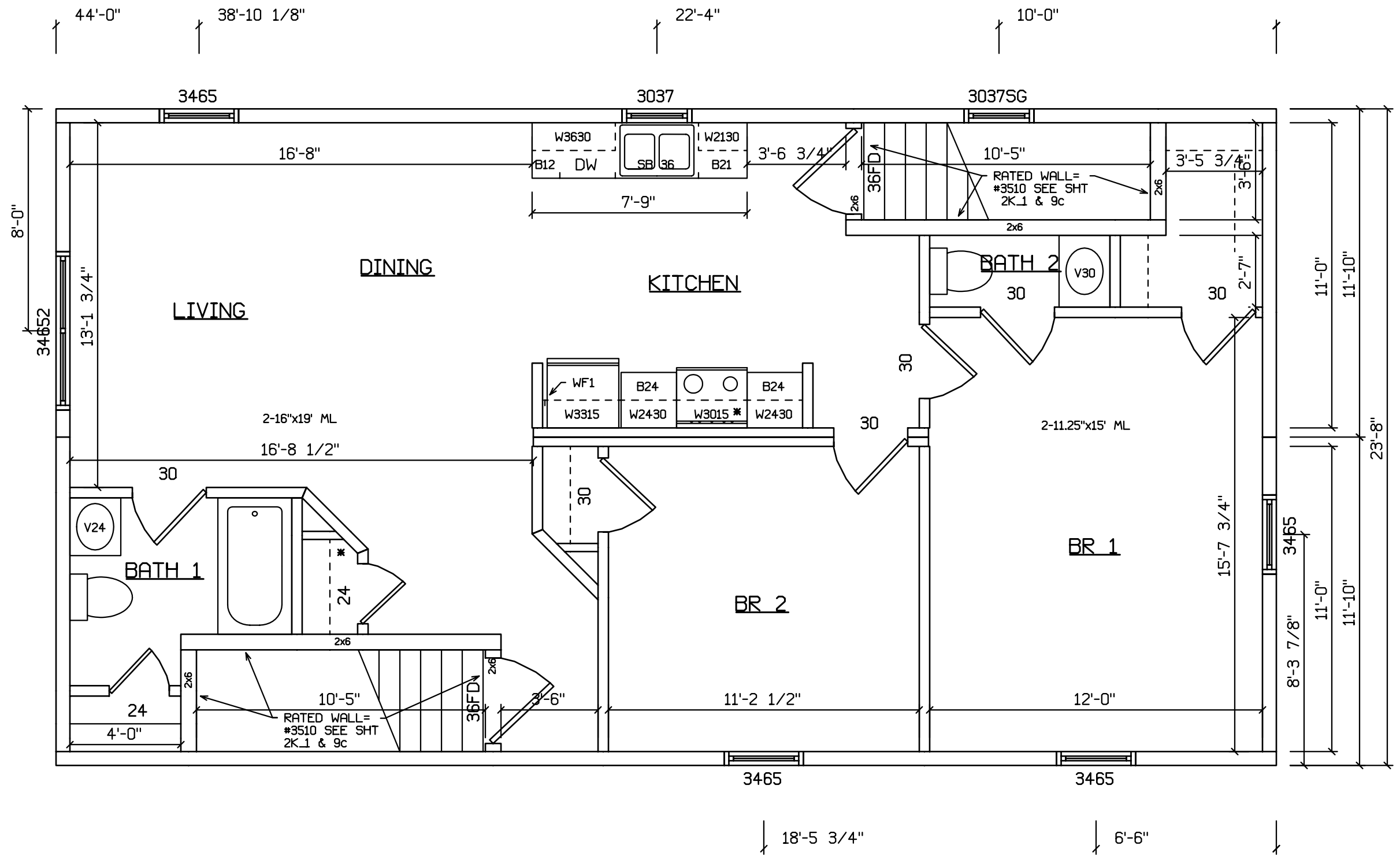


NOTE: #L539 CLG/FLR ASSEMBLY BETWEEN UPPER AND LOWER LIVING UNITS  
 SEE SHT. 2k.1 & 9a  
 CLG/FLR BETWEEN LOWER LEVEL AND BSMT SHALL BE RATED PER  
 LOCAL CODES ON-SITE BY BLDR

SIDEWALL= 2x6 16"oc  
 MARR WALL= 2x4 16"oc  
 CLG HGT= 8'-0"  
 LABEL - \*  
 ADDTL BSMT COL - #

DESIGN SNOW ZONE= 40 LL  
 ROOF= 7/12 24"oc  
 DESIGN WIND ZONE= 90 FMPH  
 DEST.= ROSLINDALE, MA  
 SUFFOLK CO.

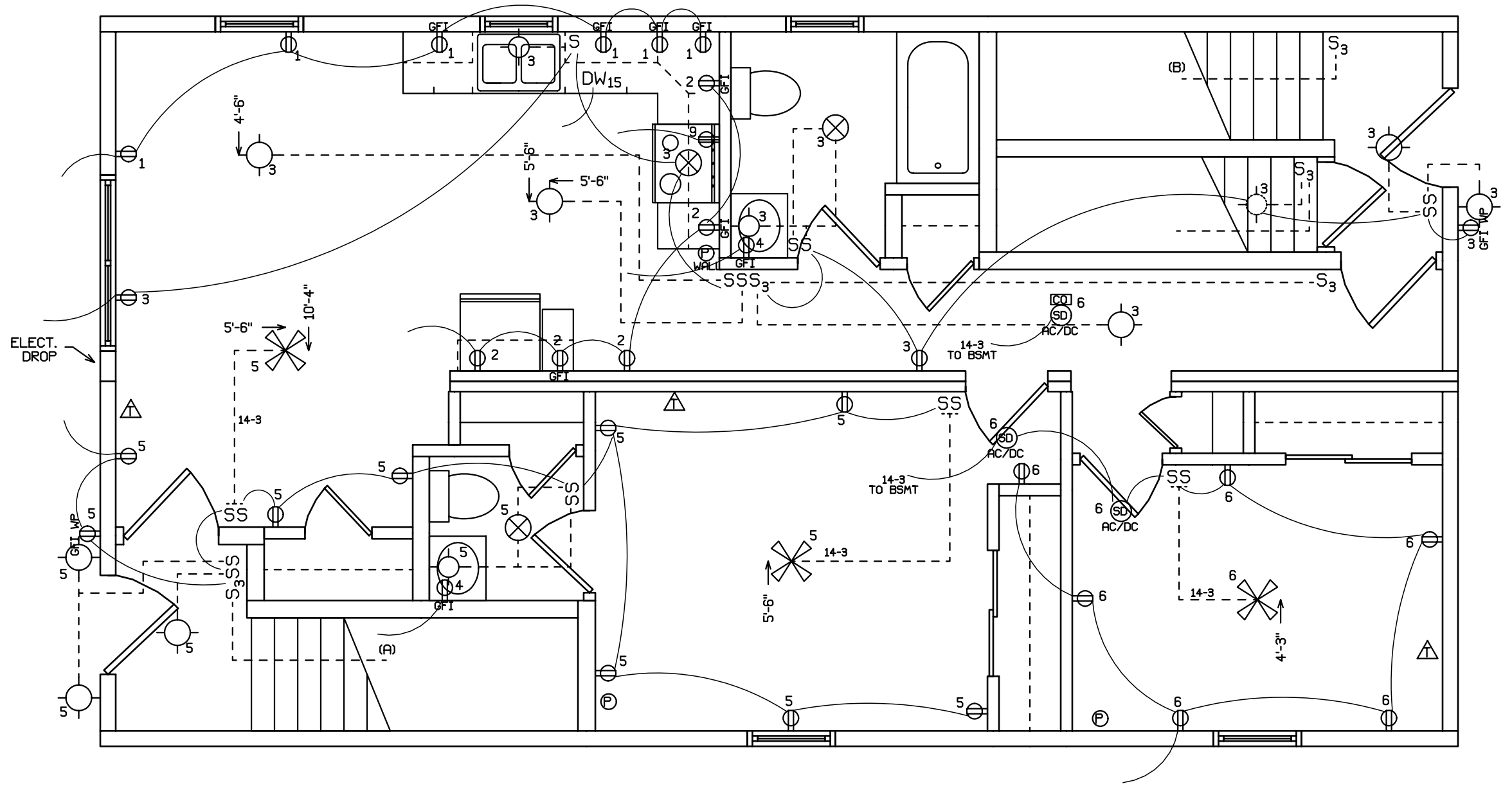
BLDR/DEVEL AUTHORIZATION:		MANUF. AUTHORIZATION:	
<b>PREMIER BUILDERS</b> <small>A DIV. OF MUNCY HOMES, INC.            1567 Pa Rt442E, Muncy, Pa 17756 * (570)546-8915            www.premier-builders.com</small>		<small>PLANS HAVE BEEN EXTRACTED            FROM APPROVED BUILDING            SYSTEM DOCUMENTATION</small> <small>PROD. ENGR.              DARRYL R. MUNCENOYER</small>	<small>REV.:</small>
<small>ALL AMERICAN / McANULTY</small>			<small>11-18-05 DM MA</small>
<small>1 STY FLOOR PLAN</small>			<small>PLAN NO:            000</small>
<small>DWN BY:            MINCE</small>	<small>DATE:            11-9-05</small>	<small>SCALE:            1/4"=1'-0"</small>	<small>JOB/SER. NO:            38986</small>




NOTE: #L539 CLG/FLR ASSEMBLY BETWEEN UPPER AND LOWER LIVING UNITS  
 SEE SHT. 2k\_1 & 9a  
 CLG/FLR BETWEEN LOWER LEVEL AND BSMT SHALL BE RATED PER  
 LOCAL CODES ON-SITE BY BLDR

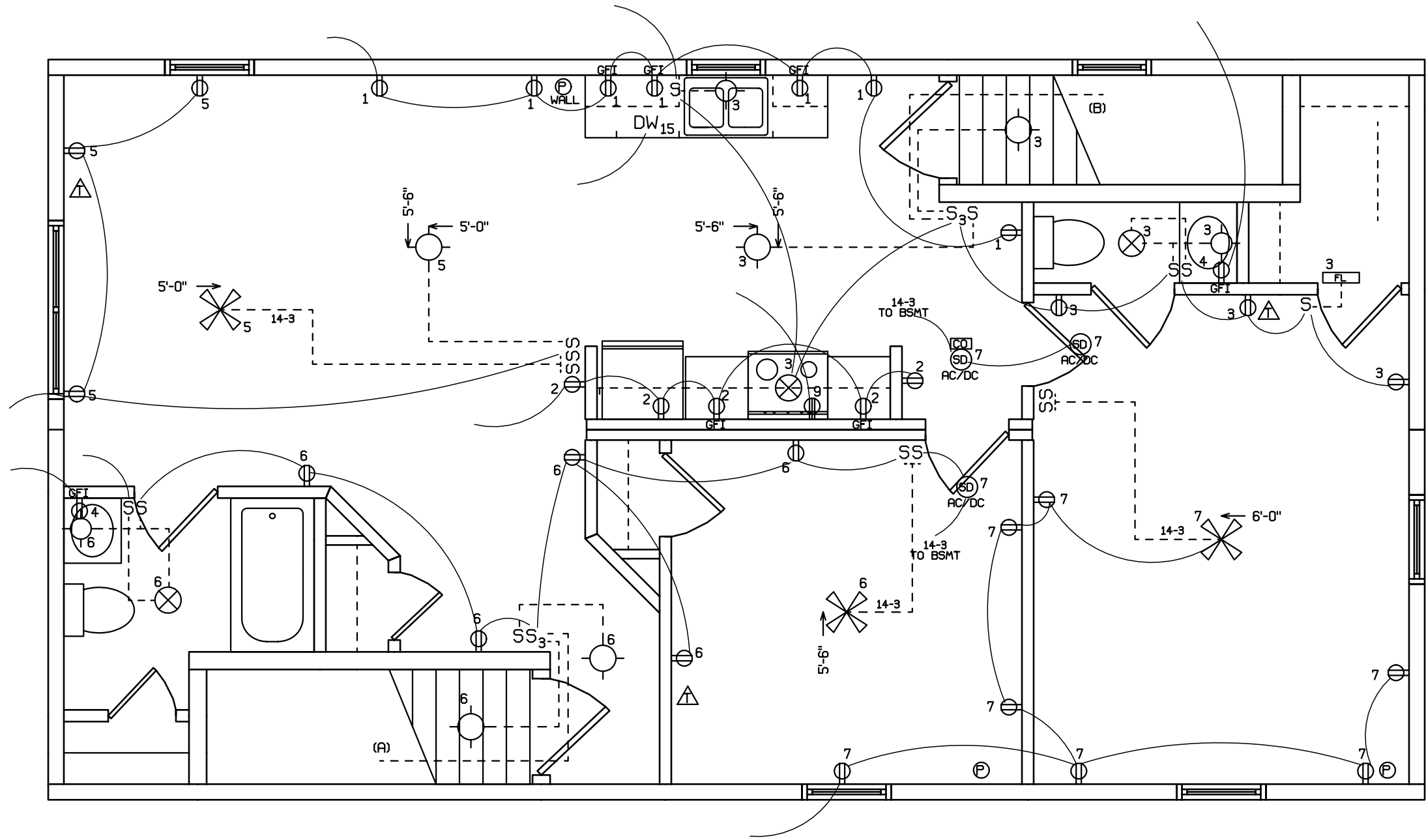
SIDEWALL = 2x6 16"oc  
 MARR WALL = 2x4 16"oc  
 CLG HGT = 8'-0"

BLDR/DEVEL AUTHORIZATION:		MANUF. AUTHORIZATION:	
<b>PREMIER BUILDERS</b> <small>A DIV. OF MUNCY HOMES, INC.          1587 Pa Rt442E, Muncy, Pa 17756 * (570)546-8915          www.premier-builders.com</small>		PLANS HAVE BEEN EXTRACTED FROM APPROVED BUILDING SYSTEM DOCUMENTATION PROD. ENGR. <i>Darryl R. Muncy</i> <small>DARRYL R. MUNCY</small>	REV.:
ALL AMERICAN / McANULTY			11-18-05 DM MA
2 STY FLOOR PLAN			PLAN NO: 000
DWN. BY: MINCE	DATE: 11-9-05	SCALE: 1/4"=1'-0"	JOB/SER. NO: 38986




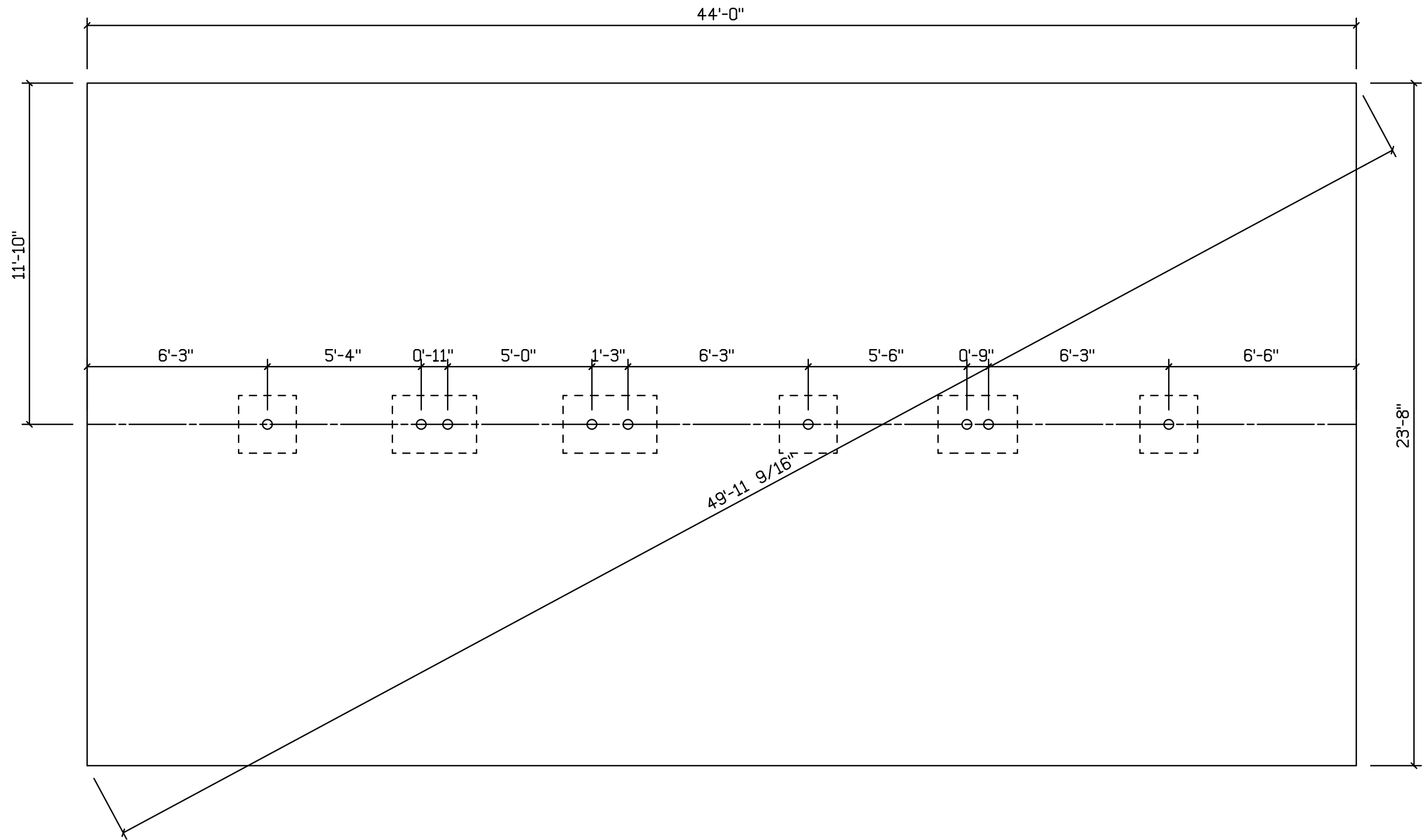
ARC-FAULT BEDROOM PROTECTION

BLDR/LEVEL AUTHORIZATION:		MANUF. AUTHORIZATION:	
<b>PREMIER BUILDERS</b> <small>A DIV. OF MUNCY HOMES, INC.          1587 Pa Rt442E, Muncy, Pa 17756 * (570)546-8915          www.premier-builders.com</small>		PLANS HAVE BEEN EXTRACTED FROM APPROVED BUILDING SYSTEM DOCUMENTATION	REV.:
		<small>PROD. ENGR.            DARRYL R. MUNCENOYER</small>	
ALL AMERICAN / McANULTY			
1 STY ELECT PLAN			PLAN NO: 000
DWN. BY: MINCE	DATE: 11-18-05 MA	SCALE: 1/4"=1'-0"	JOB/SER. NO: 38986




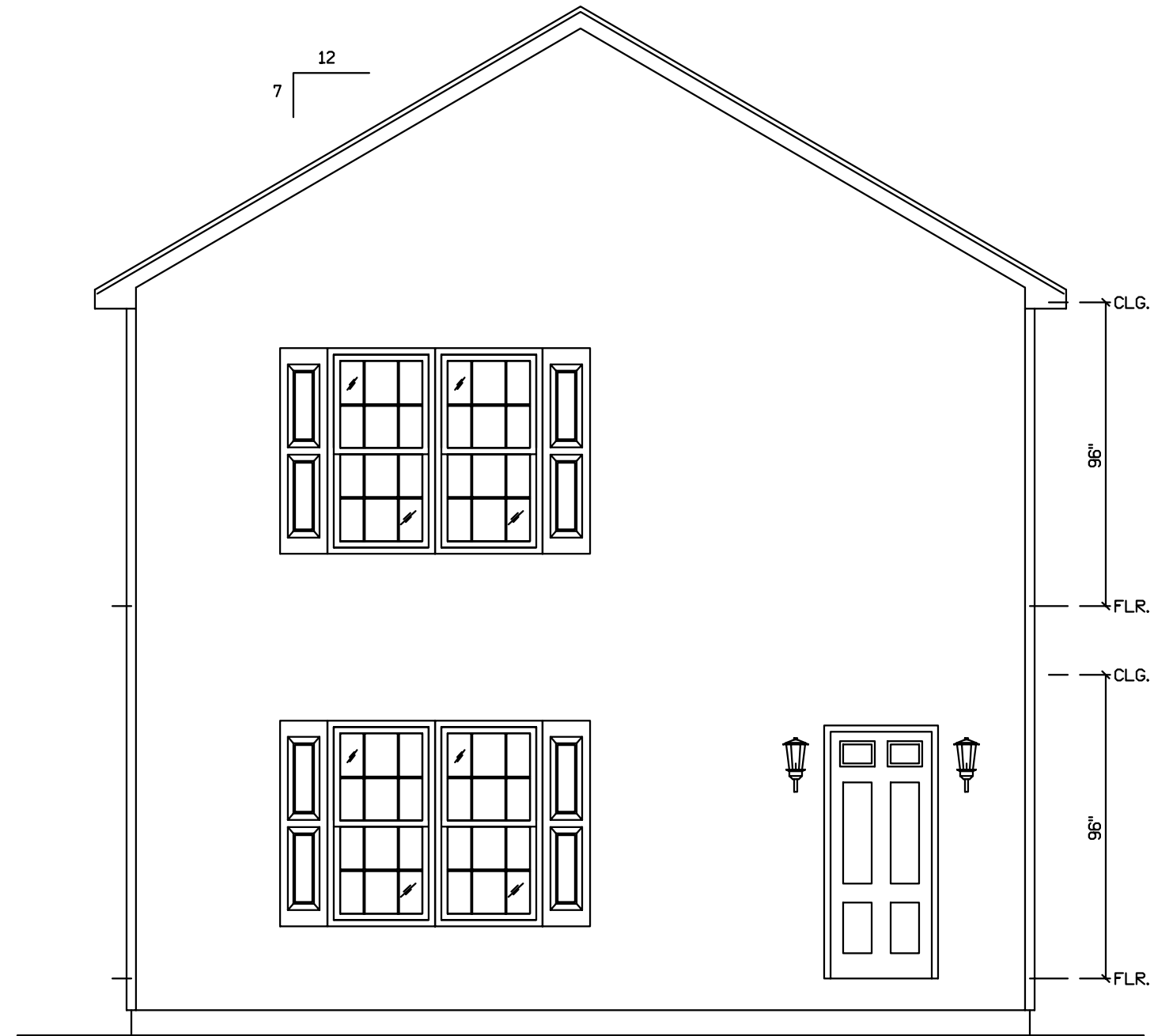
ARC FAULT PROTECTION ALL BEDROOMS

BLDR/DEVEL AUTHORIZATION:		MANUF. AUTHORIZATION:	
<b>PREMIER BUILDERS</b> <small>A DIV. OF MUNCY HOMES, INC.          1587 Pa Rt442E, Muncy, Pa 17756 * (570)546-8915          www.premier-builders.com</small>		PLANS HAVE BEEN EXTRACTED FROM APPROVED BUILDING SYSTEM DOCUMENTATION	REV.:
		<small>PROD. ENGR.            DARRYL R. MUNCENOYER</small>	
ALL AMERICAN / McANULTY			
2 STY ELECT PLAN			PLAN NO: 000
DWN. BY: MINCE	DATE: 11-18-05 MA	SCALE: 1/4"=1'-0"	JOB/SER. NO: 38986




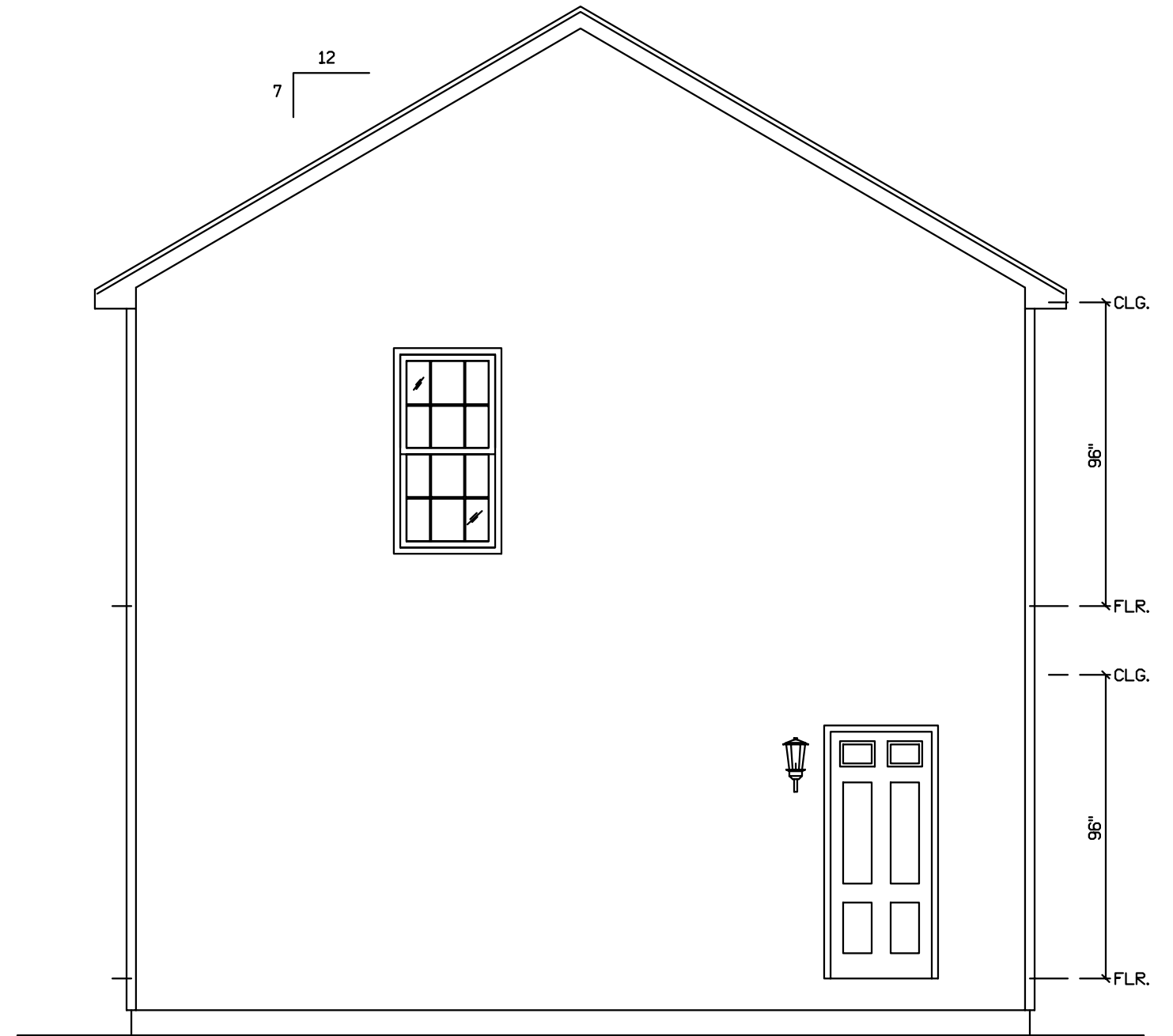
- NOTE:**
1. THIS FOUNDATION DRAWING AND NOTES ARE FOR REVIEW ONLY. ACTUAL FOUNDATION DESIGN TO BE APPROVED BY A PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT.
  2. THIS DRAWING TO BE USED FOR DIMENSIONS ONLY.
  3. SEE FLOOR PLAN FOR DIMENSIONS OF UNITS & STAIR LOCATION.
  4. SEE MASTER SERIES DWGS., SHT. NO. 4a & 3c, FOR NOTES AND DETAILS.
  5. MAX. COLUMN SPACING= 6'-6"

BLDR/DEVEL AUTHORIZATION:		MANUF. AUTHORIZATION:	
<b>PREMIER BUILDERS</b> <small>A DIV. OF MUNCY HOMES, INC.</small> <small>1587 Pa Rt442E, Muncy, Pa 17756 * (570)546-8915</small> <small>www.premier-builders.com</small>		PLANS HAVE BEEN EXTRACTED FROM APPROVED BUILDING SYSTEM DOCUMENTATION	REV.:
		<small>PROD. ENGR.</small>  <small>DARRYL R. MUNCENOYER</small>	
ALL AMERICAN / McANULTY			11-18-05 DM MA
TS. FOUNDATION LAYOUT			PLAN NO: 000
DWN. BY: MINCE	DATE: 11-9-05	SCALE: 1/4"=1'-0"	JOB/SER. NO: 38986




FRONT ELEVATION

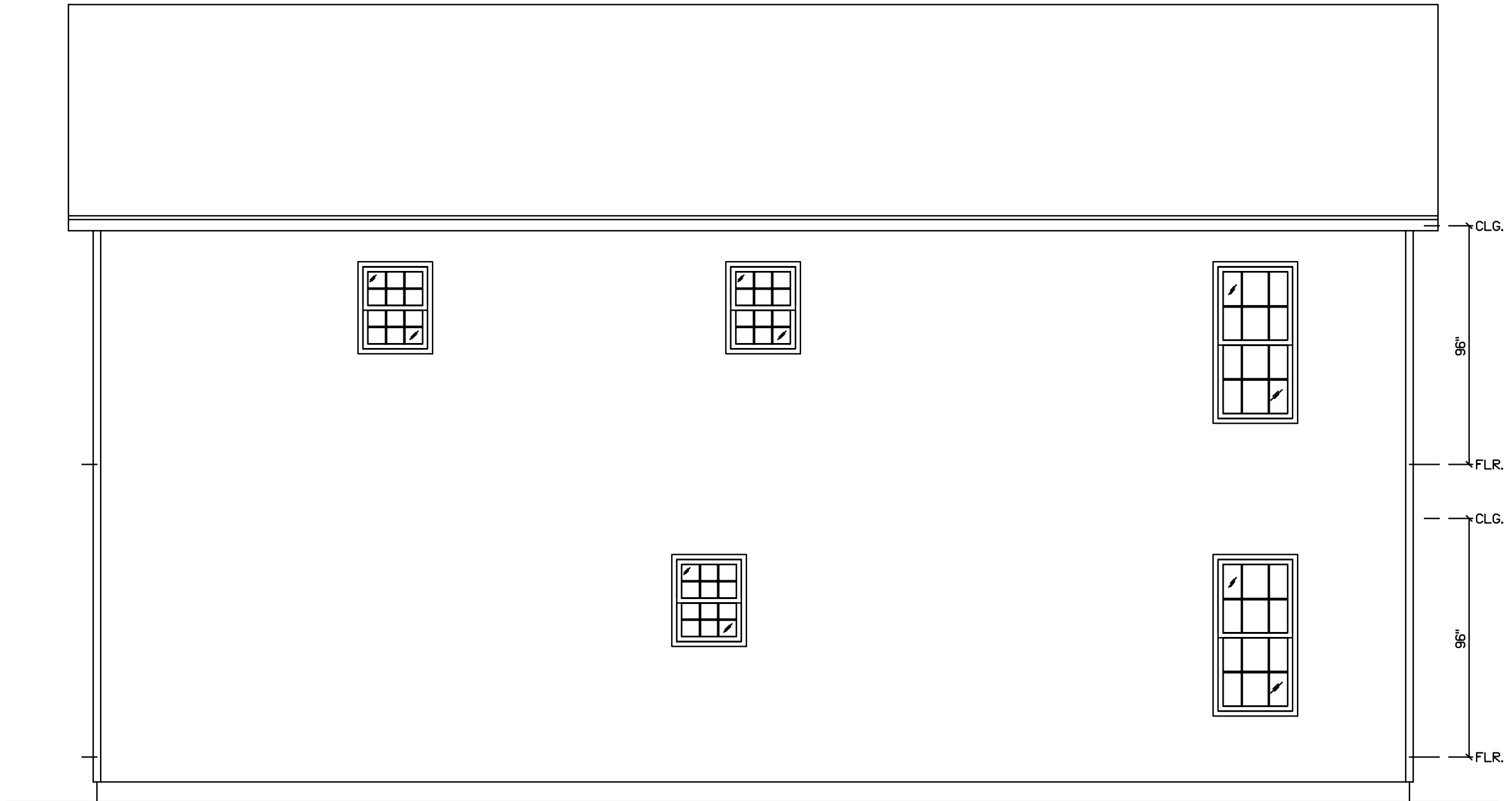
BLDR/DEVEL. AUTHORIZATION:		MANUF. AUTHORIZATION:	
<b>PREMIER BUILDERS</b> <small>A DIV. OF MUNCY HOMES, INC.</small> <small>1587 Pa Rt442E, Muncy, Pa 17756 * (570)546-8915</small> <small>www.premier-builders.com</small>		PLANS HAVE BEEN EXTRACTED FROM APPROVED BUILDING SYSTEM DOCUMENTATION	REV.:
		<small>PROD. ENGR.</small>  <small>DARRYL R. MUNCENOYER</small>	
ALL AMERICAN / McANULTY			
FRONT ELEVATION -1			PLAN NO: 000
DWN. BY: MINCE	DATE: 11-18-05 MA	SCALE: 1/4"=1'-0"	JOB/SER. NO: 38986




REAR ELEVATION

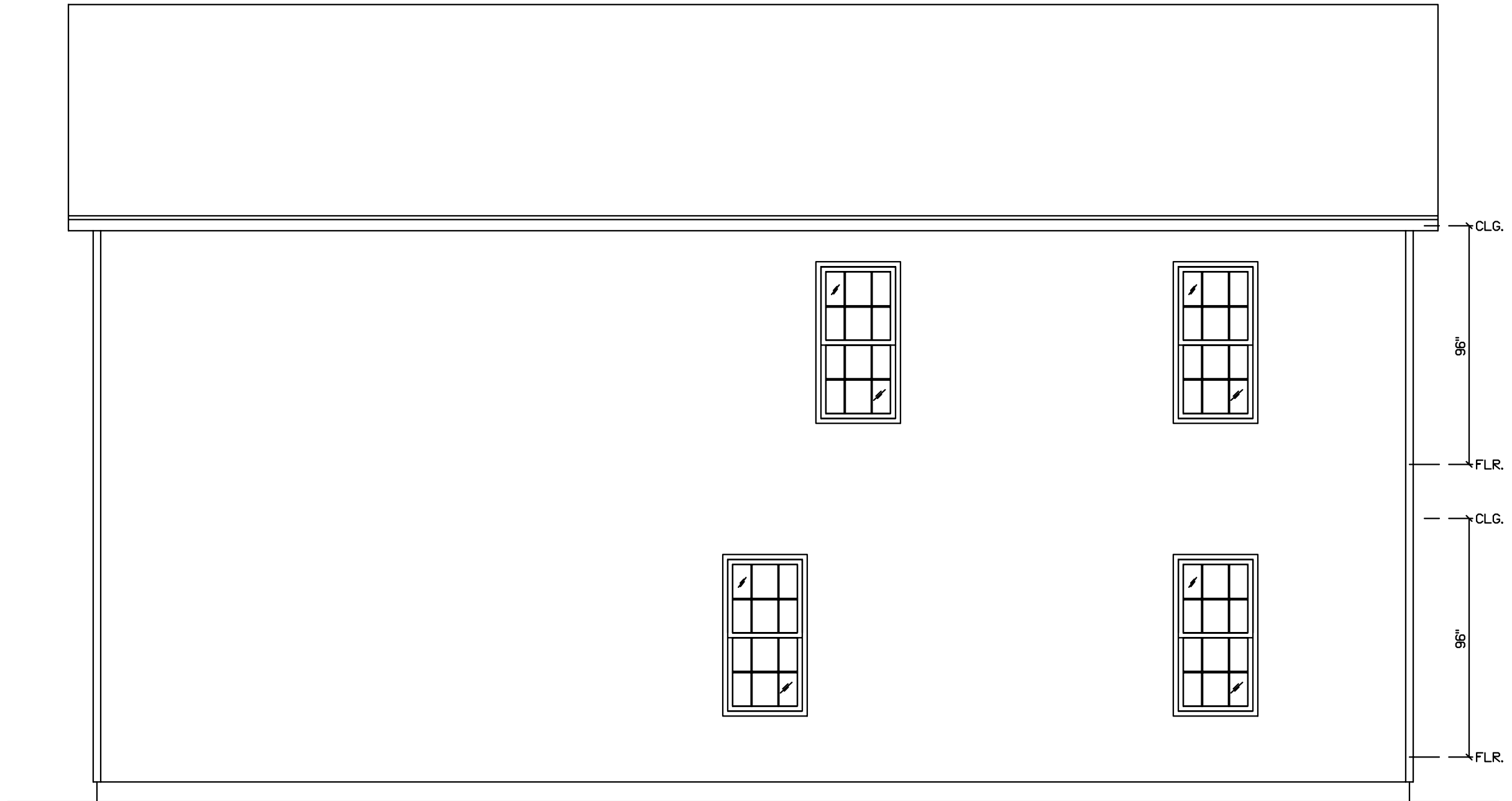
BLDR/DEVEL. AUTHORIZATION:		MANUF. AUTHORIZATION:	
<b>PREMIER BUILDERS</b> <small>A DIV. OF MUNCY HOMES, INC.</small> <small>1587 Pa Rt442E, Muncy, Pa 17756 * (570)546-8915</small> <small>www.premier-builders.com</small>		PLANS HAVE BEEN EXTRACTED FROM APPROVED BUILDING SYSTEM DOCUMENTATION	REV.:
		<small>PROD. ENGR.</small>  <small>DARRYL R. MUNCENOYER</small>	
ALL AMERICAN / McANULTY			
REAR ELEVATION -1			PLAN NO: 000
DWN. BY: MINCE	DATE: 11-18-05 MA	SCALE: 1/4"=1'-0"	JOB/SER. NO: 38986






LEFT ELEVATION

BLDR/DEVEL AUTHORIZATION:		MANUF. AUTHORIZATION:	
<b>PREMIER BUILDERS</b> <small>A DIV. OF MUNCY HOMES, INC.</small> <small>1587 Pa Rt442E, Muncy, Pa 17756 * (570)546-8915</small> <small>www.premier-builders.com</small>		PLANS HAVE BEEN EXTRACTED FROM APPROVED BUILDING SYSTEM DOCUMENTATION	REV.:
		<small>PROD. ENGR.</small>  <small>DARRYL R. MUNCENOYER</small>	
ALL AMERICAN / McANULTY			
LEFT ELEVATION -1			PLAN NO: 000
DWN. BY: MINCE	DATE: 11-18-05 MA	SCALE: 1/4"=1'-0"	JOB/SER. NO: 38986



RIGHT ELEVATION

BLDR/DEVEL. AUTHORIZATION:		MANUF. AUTHORIZATION:	
<b>PREMIER BUILDERS</b> <small>A DIV. OF MUNCY HOMES, INC.</small> <small>1587 Pa Rt442E, Muncy, Pa 17756 * (570)546-8915</small> <small>www.premier-builders.com</small>		PLANS HAVE BEEN EXTRACTED FROM APPROVED BUILDING SYSTEM DOCUMENTATION	REV.:
		<small>PROD. ENGR.</small>  <small>DARRYL R. MUNCENOYER</small>	
ALL AMERICAN / McANULTY			
RIGHT ELEVATION -1			PLAN NO: 000
DWN. BY: MINCE	DATE: 11-18-05 MA	SCALE: 1/4"=1'-0"	JOB/SER. NO: 38986

Permit #
Permit Date



# REScheck Software Version 3.7 Release 1a Compliance Certificate

Project Title: Job # 38986 All American/McAnulty

Report Date: 11/18/05

Energy Code: **Massachusetts Energy Code**  
 Location: **Boston, Massachusetts**  
 Construction Type: **1 or 2 Family, Detached**  
 Heating Type: **Other (Non-Electric Resistance)**  
 Glazing Area Percentage: **8%**  
 Heating Degree Days: **5641**

Construction Site:

Owner/Agent:

Designer/Contractor:

Darryl Mincemoyer  
 Premier Builders, A Division of Muncy  
 Homes, Inc.  
 1567 PA Route 442 East, P.O. Box 337  
 Muncy, PA 17756  
 570-546-8915  
 dmincemoyer@premier\_builders.com

Compliance: **Passes** Maximum UA: **396** Your Home UA: **296** --> **25.3% Better Than Code (UA)**

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Glazing or Door U-Factor	UA
Ceiling 1: Flat Ceiling or Scissor Truss:	1041	38.0	0.0		31
Wall 1: Wood Frame, 16" o.c.:	2402	18.0	0.0		134
Window: 30 x 37 W: Vinyl Frame, Double Pane with Low-E:	31			0.350	11
Window: 34 x 65 W: Vinyl Frame, Double Pane with Low-E:	169			0.350	59
Door: 36 x 80 2 Lite: Solid:	43			0.270	12
Floor 1: All-Wood Joist/Truss, Over Unconditioned Space:	1041	19.0	0.0		49

*Compliance Statement:* Statement of Compliance: 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 Massachusetts Energy Code requirements in REScheck Version 3.7 Release 1a and to comply with the mandatory requirements listed in the REScheck Inspection Checklist. The heating load for this building, and the cooling load if appropriate, has been determined using the applicable Standard Design Conditions found in the Code. The HVAC equipment selected to heat or cool the building shall be no greater than 125% of the design load as specified in Sections 780CMR 1310 and J4.4.

Builder/Designer

Company Name

Date

Project Notes:

- 1- Calculations reflect only that portion of the unit assembled in the factory.
- 2- Builders or contractors may supply and install the required floor and/or foundation wall insulation.
- 3- For basements remaining unconditioned spaces, the builder shall enclose basement stairs. The walls surrounding the basement stairs shall be insulated and protected with a vapor barrier. The builder is responsible for supplying all materials.



# REScheck Software Version 3.7 Release 1a

## Inspection Checklist

Date: 11/18/05

### Ceilings:

- Ceiling 1: Flat Ceiling or Scissor Truss, R-38.0 cavity insulation  
Comments:

### Above-Grade Walls:

- Wall 1: Wood Frame, 16" o.c., R-18.0 cavity insulation  
Comments:

### Windows:

- Window: 30 x 37 W: Vinyl Frame, Double Pane with Low-E, U-factor: 0.350  
For windows without labeled U-factors, describe features:  
#Panes \_\_\_\_ Frame Type \_\_\_\_\_ Thermal Break? \_\_\_\_ Yes \_\_\_\_ No  
Comments:
- Window: 34 x 65 W: Vinyl Frame, Double Pane with Low-E, U-factor: 0.350  
For windows without labeled U-factors, describe features:  
#Panes \_\_\_\_ Frame Type \_\_\_\_\_ Thermal Break? \_\_\_\_ Yes \_\_\_\_ No  
Comments:

### Doors:

- Door: 36 x 80 2 Lite: Solid, U-factor: 0.270  
Comments:

### Floors:

- Floor 1: All-Wood Joist/Truss, Over Unconditioned Space, R-19.0 cavity insulation  
Comments:

### Air Leakage:

- Joints, penetrations, and all other such openings in the building envelope that are sources of air leakage must be sealed.
- When installed in the building envelope, recessed lighting fixtures shall meet one of the following requirements:
1. Type IC rated, manufactured with no penetrations between the inside of the recessed fixture and ceiling cavity and sealed or gasketed to prevent air leakage into the unconditioned space.
  2. Type IC rated, in accordance with Standard ASTM E 283, with no more than 2.0 cfm (0.944 L/s) air movement from the the conditioned space to the ceiling cavity. The lighting fixture shall have been tested at 75 PA or 1.57 lbs/ft2 pressure difference and shall be labeled.

### Vapor Retarder:

- Required on the warm-in-winter side of all non-vented framed ceilings, walls, and floors.

### Materials Identification:

- Materials and equipment must be identified so that compliance can be determined.
- Manufacturer manuals for all installed heating and cooling equipment and service water heating equipment must be provided.
- Insulation R-values and glazing U-factors must be clearly marked on the building plans or specifications.

### Duct Insulation:

- Ducts shall be insulated per Table J4.4.7.1.

### Duct Construction:

- All accessible joints, seams, and connections of supply and return ductwork located outside conditioned space, including stud bays or joist cavities/spaces used to transport air, shall be sealed using mastic and fibrous backing tape installed according to the manufacturer's installation instructions. Mesh tape may be omitted where gaps are less than 1/8 inch. Duct tape is not permitted.
- The HVAC system must provide a means for balancing air and water systems.

**Temperature Controls:**

- Thermostats are required for each separate HVAC system. A manual or automatic means to partially restrict or shut off the heating and/or cooling input to each zone or floor shall be provided.

**Heating and Cooling Equipment Sizing:**

- Rated output capacity of the heating/cooling system is not greater than 125% of the design load as specified in Sections 780CMR 1310 and J4.4.

**Circulating Hot Water Systems:**

- Insulate circulating hot water pipes to the levels in Table 1.

**Swimming Pools:**

- All heated swimming pools must have an on/off heater switch and require a cover unless over 20% of the heating energy is from non-depletable sources. Pool pumps require a time clock.

**Heating and Cooling Piping Insulation:**

- HVAC piping conveying fluids above 120 degrees F or chilled fluids below 55 degrees F must be insulated to the levels in Table 2.

Table 1: **Minimum Insulation Thickness for Circulating Hot Water Pipes**

Heated Water Temperature (°F)	Insulation Thickness in Inches by Pipe Sizes			
	Non-Circulating Runouts		Circulating Mains and Runouts	
	Up to 1"	Up to 1.25"	1.5" to 2.0"	Over 2"
170-180	0.5	1.0	1.5	2.0
140-160	0.5	0.5	1.0	1.5
100-130	0.5	0.5	0.5	1.0

Table 2: **Minimum Insulation Thickness for HVAC Pipes**

Piping System Types	Fluid Temp. Range(°F)	Insulation Thickness in Inches by Pipe Sizes			
		2" Runouts	1" and Less	1.25" to 2.0"	2.5" to 4"
<b>Heating Systems</b>					
Low Pressure/Temperature	201-250	1.0	1.5	1.5	2.0
Low Temperature	120-200	0.5	1.0	1.0	1.5
Steam Condensate (for feed water)	Any	1.0	1.0	1.5	2.0
<b>Cooling Systems</b>					
Chilled Water, Refrigerant and Brine	40-55	0.5	0.5	0.75	1.0
	Below 40	1.0	1.0	1.5	1.5

**NOTES TO FIELD:** (Building Department Use Only)

---



---



---



---



---



---



---



---