

THIS HOME HAS BEEN DESIGNED SPECIFICALLY

BUILDER:  
**ARROW HEAD  
HOMES**

CHAMPION FACTORY 041  
CHAMPION MODULAR, INC.  
10642 S. SUSQUEHANNA TRAIL  
LIVERPOOL, PA 17045

CHAMPION  
MODULAR

BRAND:



BUILDER:

**ARROW HEAD HOMES**

CUSTOMER/PROJECT:

ENGINEER'S / ARCHITECT'S SEAL



APPROVERS SEAL

MODIFICATIONS

PD#2	11/8/19	DLN
PD3	11-18-19	SAN
PD#4	11/25/19	DLN
PD5	1-23-20	JPF
FN	2/11/20	KHH
SN	3/16/20	ATT

PROJECT:

**42245  
CAPE**

TITLE:

**COVER SHEET**

DRAWN BY: SAN

DATE: 11-04-19

SCALE:

FILENAME: 42245 SN

SHEET:

**COVER**

1

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52 EASTVILLE AV  
OAK BLUFFS  
MASS 02557

DUKES COUNTY

- ALL ON-SITE CONNECTIONS TO BE VERIFIED BY THE CONSTRUCTION SUPERVISOR
- THERE ARE NO LOT LINE FIRE SEPERATION REQUIREMENTS
- THIS HOUSE IS PREPPED FOR ON-SITE SOLAR PANELS
- THERE ARE NO LOT LINE FIRE SEPERATION REQUIREMENTS

**PFS CORPORATION**  
Approval Limited to Factory Built Portion Only

State: **Massachusetts**  
Signature: *Harold Raup*  
Title: **Staff Plan Reviewer**  
Date: **4/22/20**

**DRAWING INDEX:**

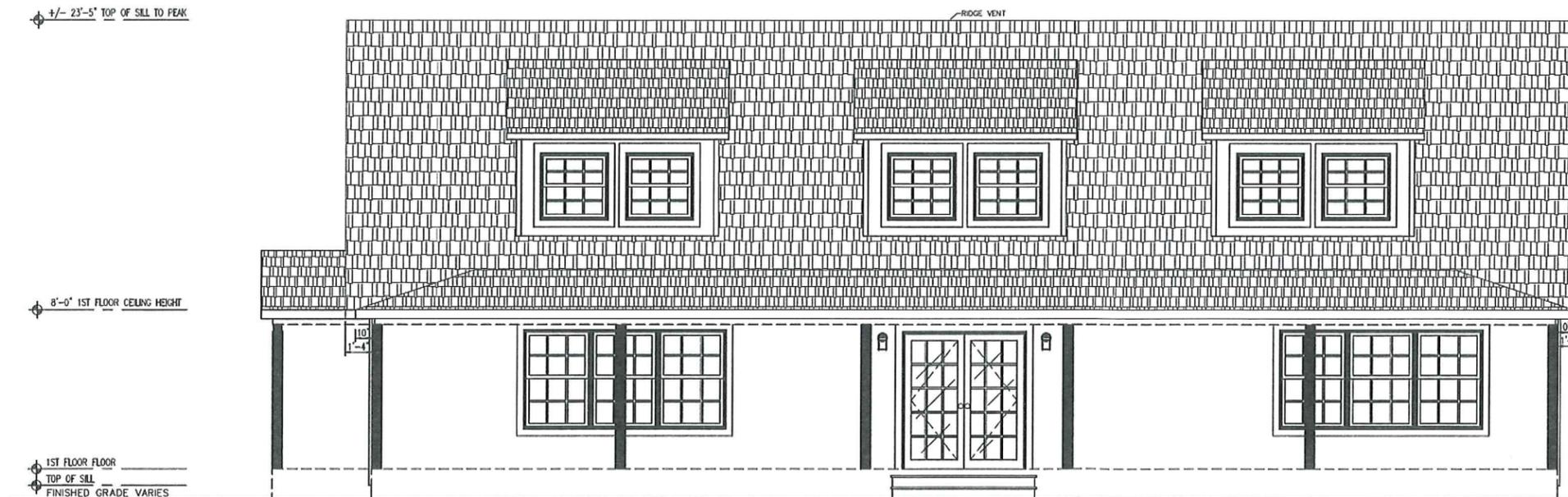
PAGE NUMBER	DESCRIPTION
1	COVER SHEET
2	ELEVATIONS
3	1ST FLOOR PLAN
4	2ND FLOOR PLAN
5	1ST FLR ELECTRICAL
6	PANEL SCHEDULE
7	ELECTRIC INFORMATION
8	FOUNDATION
9	CROSS SECTION (2 PAGES)
10	WINDOW/DOOR SCHEDULE
11	1ST FLR SHEAR WALL
12	2ND FLR SHEAR WALL
13	TYPICAL PLUMBING (3 pgs)
14	HEAT LOSS
15	RES CHECK (11 pgs.)
16	ROOF PRINTS (2 pgs)
17	HEADER CALCULATIONS (7 pgs)
18	BRACED WALL CALCULATIONS (4 pgs)
19	SITE MAP (1 pgs)
TOTAL PAGES	

**SITE CONDITIONS:**

GROUND SNOW LOAD:	25	PSF
WIND SPEED:	140	Vult MPH
EXPOSURE:	C	
SEISMIC CATEGORY:	B	
USE GROUP:	SINGLE FAMILY	
CONSTRUCTION TYPE:	VB WOOD FRAME UNPROTECTED	

**SQUARE FOOTAGE:**

FIRST FLOOR:	1,650	SQ. FT.
SECOND FLOOR:	-	SQ. FT.
BONUS ROOM:	-	SQ. FT.
GARAGE:	-	SQ. FT.
TOTAL:	1,650	SQ. FT.
OVERALL SIZE:	27'-6" x 60'-0"	
MODEL:	RANCH	



\*\* EXPOSED RAFTER TAILS ON PORCH (NOT HOUSE) \*\*

ACCESS TO GRADE PROVIDED AND INSTALLED ON-SITE BY BUILDER

OMIT SIDING

COLUMNS, STEPS, RAILING, PORCH FLR., HEADER, AND ROOF TO BE SUPPLIED AND INSTALLED BY BUILDER.

**NOTES:**

- ITEMS SHOWN ON THE EXTERIOR ELEVATION DRAWINGS ARE FOR ILLUSTRATIVE PURPOSES ONLY
- GRILLS SHOWN ARE FOR ILLUSTRATIVE PURPOSES ONLY (SEE WINDOW MANUFACTURER CATALOG FOR ACTUAL GRILL PATTERN)

**FRONT ELEVATION**

**BUILDER / OWNER SIGNATURES:**

ACCEPTED BY:

DATE:

TITLE:

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 LIVERPOOL, PA 17045



BRAND:

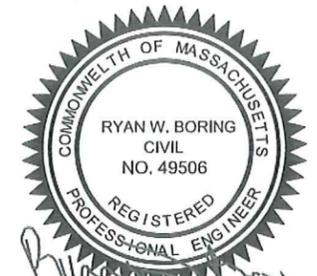


BUILDER:

ARROW HEAD HOMES

CUSTOMER/PROJECT:

ENGINEER'S / ARCHITECT'S SEAL



Apr 21, 2020

APPROVERS SEAL

**PFS Corporation**  
**Northeast Region**  
**APPROVED**  
**H Raup - 3**  
**4/22/20**  
 Approval limited to  
 Factory Built Portion

MODIFICATIONS

PROJECT:

42245  
 CAPE

TITLE:

ELEVATIONS

DRAWN BY: SAN

DATE: 11-04-19

SCALE:

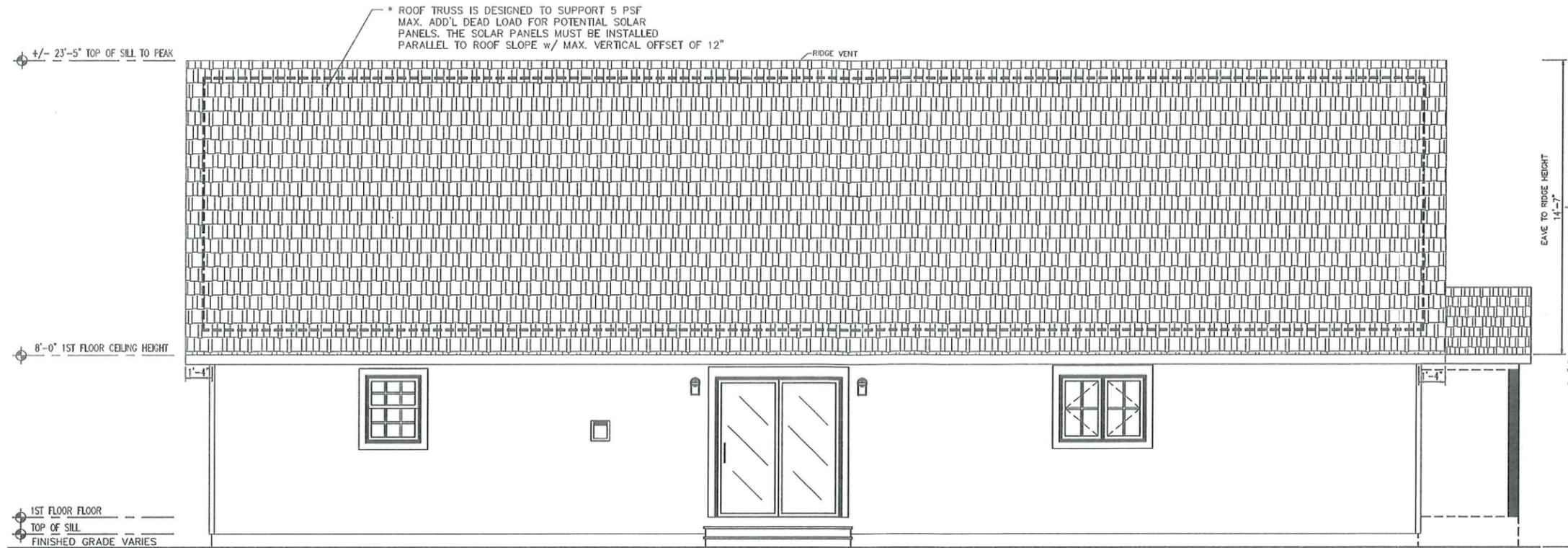
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SHEET:

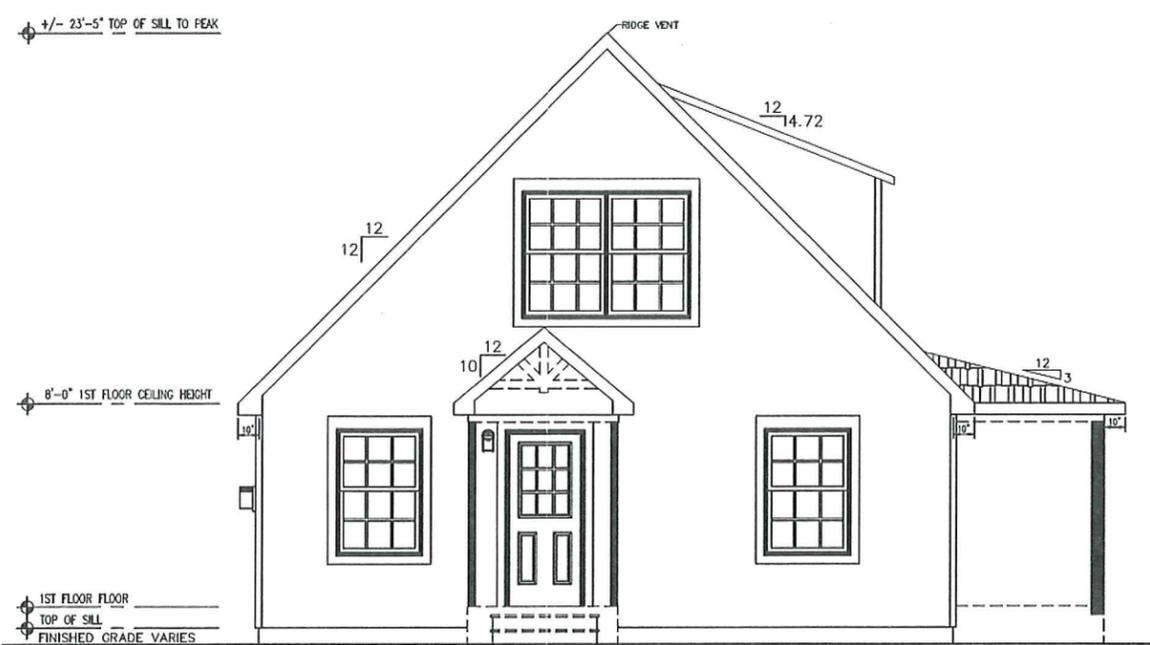
ELEVATIONS

2

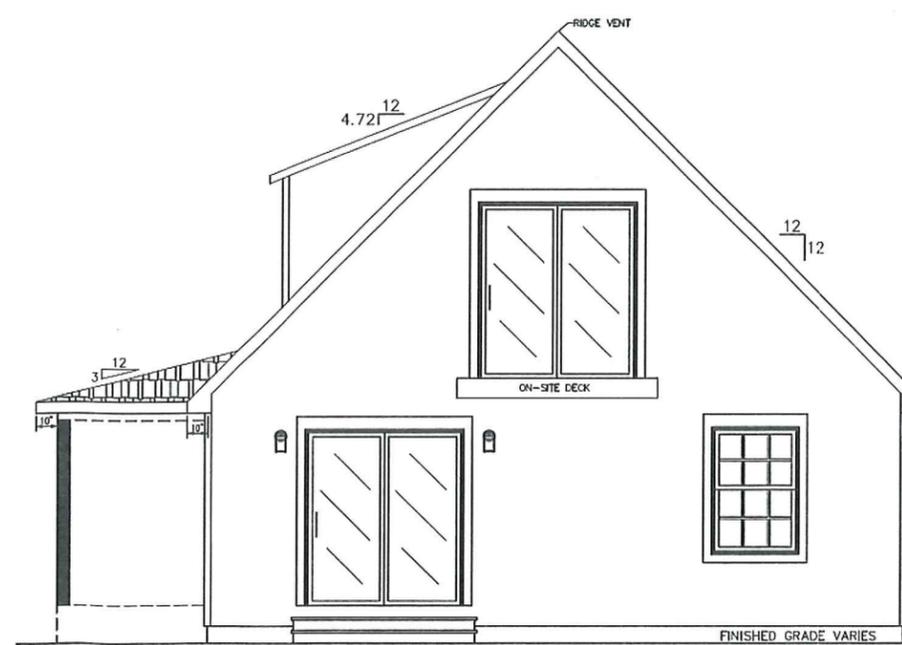
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REAR ELEVATION



LEFT ELEVATION



RIGHT ELEVATION

BUILDER / OWNER SIGNATURES:

ACCEPTED BY:	DATE:
TITLE:	

NOTES:

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BRAND:



BUILDER:

ARROW HEAD HOMES

CUSTOMER/PROJECT:

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MODIFICATIONS

PROJECT:

42245  
 CAPE

TITLE:

**FIRST FLOOR  
 FLOOR PLAN**

DRAWN BY: SAN

DATE: 11-04-19

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

FILENAME: 42245 SN

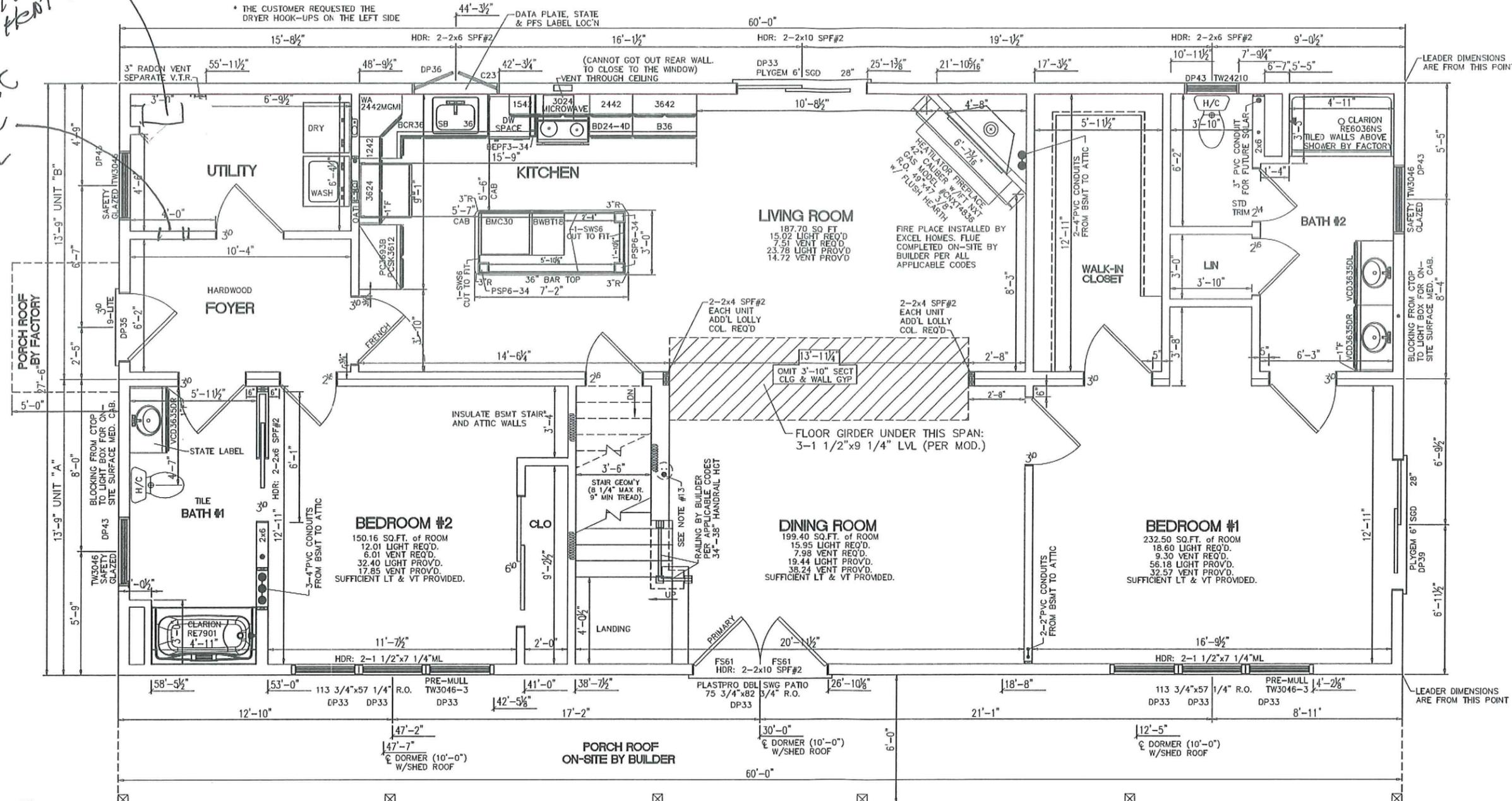
SHEET:

**1ST FLR**

\*\*\* RAISE ALL SHOWER HEADS 6" HIGHER THAN STD LOCATION

\* THE CUSTOMER REQUESTED THE DRYER HOOK-UPS ON THE LEFT SIDE

ON DEMAND Hot Water Heater  
 ELECTRIC SERVICE PANEL



- NOTES:
- 2x6 EXT WALLS @ 24" O.C./2x4 MARR WALLS @ 16" O.C.
  - 8'-0" CLG HT.
  - 2x10 SPF#2 FLOOR JOISTS @ 16" O.C.
  - ROOF SYSTEM TO BE 16" O.C.
  - ANDERSEN 400 SERIES WINDOWS
  - FLR CENTER GIRDER UNDER UNITS "A" & "B" TO BE: 2-1 1/2"x9 1/4"x60'-0" LVL (PER MODULE)
  - CLG BEAM OVER LR/DR TO BE: 2-1 1/2"x9 1/4" LVL
  - BLDR INSTALLED HEATING SYSTEM TO COVER A 42,000 BTU LOSS
  - HEAT WAS CALCULATED W/ R-19 FLOOR INSULATION.
  - RANGE HOOD AND BATH FANS ARE VENTED TO EXTERIOR.
  - A WEATHER PROTECTIVE BARRIER THAT MEETS THE REQUIREMENTS OF ASTM D226 WILL BE INSTALLED UNDER THE VINYL SIDING
  - THE BUILDER IS RESPONSIBLE TO PROVIDE AND INSTALL A WHOLE HOUSE VENTILATION SYSTEM PER ALL APPLICABLE CODES.
  - PROVIDE 1-3" DRAIN & 2-3/4" SUPPLY LINES TO SECOND STORY
  - BASED ON 140VIT MPH WIND LOAD & EXPOSURE "C"
  - SITE LOCATION: WEST TISBURY, MA; DUKES COUNTY; 25 PSF GROUND SNOW LOAD

MASSACHUSETTS  
 MA FUEL / GAS / PLUMBING CODE (248 CMR)  
 MA SINGLE AND TWO-FAMILY DWELLING CODE (780 CMR) 9TH EDITION  
 2015 INTERNATIONAL MECHANICAL CODE WITH MA AMENDMENTS  
 2015 INTERNATIONAL ENERGY CONS. CODE WITH MA AMENDMENTS  
 2020 NATIONAL ELECTRICAL CODE W/ MA AMENDMENTS

CALC MANUAL PAGE NUMBERS:  
 WINDOW & DOOR HEADERS: 6.0.8, 6.2.14, 6.2.20

---MECHANICALLY FASTEN CEILING DRYWALL---

DOOR W/SWEEP LOCATED AT THE BOTTOM OF THE BASEMENT STAIRS TO CLOSE OFF THE BASEMENT FROM THE THERMAL ENVELOPE OF THE 1ST STORY

- \* ALL SHOWER COMPARTMENTS TO CONFORM TO "248 CMR 10.10(7)(c) \*
- \*\*\* WINDOWS INSTALLED WITHIN 24" OF THE FINISHED FLOOR, THE BUILDER WILL INSTALL WINDOW GUARDS IN ACCORDANCE WITH IRC (2015 IRC, R312.2)
- \*\*\* A 48-HOUR NOTICE, PRIOR TO THE SET, MUST BE GIVEN TO THE LOCAL BUILDING AUTHORITY, BY THE CSL OF RECORD FOR THIS PROJECT. IF ANY SITE CONNECTIONS ARE CONCEALED PRIOR TO INSPECTION, THE BUILDING OFFICIAL CAN REQUEST REMOVAL OF ELEMENTS THAT CONCEAL THESE CONNECTIONS TO PROVIDE ACCESS.
- \*\*\* ALL CONNECTIONS DONE ON-SITE MUST BE INSPECTED BY THE CONSTRUCTION SUPERVISOR

**BUILDER / OWNER SIGNATURES:**

ACCEPTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

TITLE: \_\_\_\_\_

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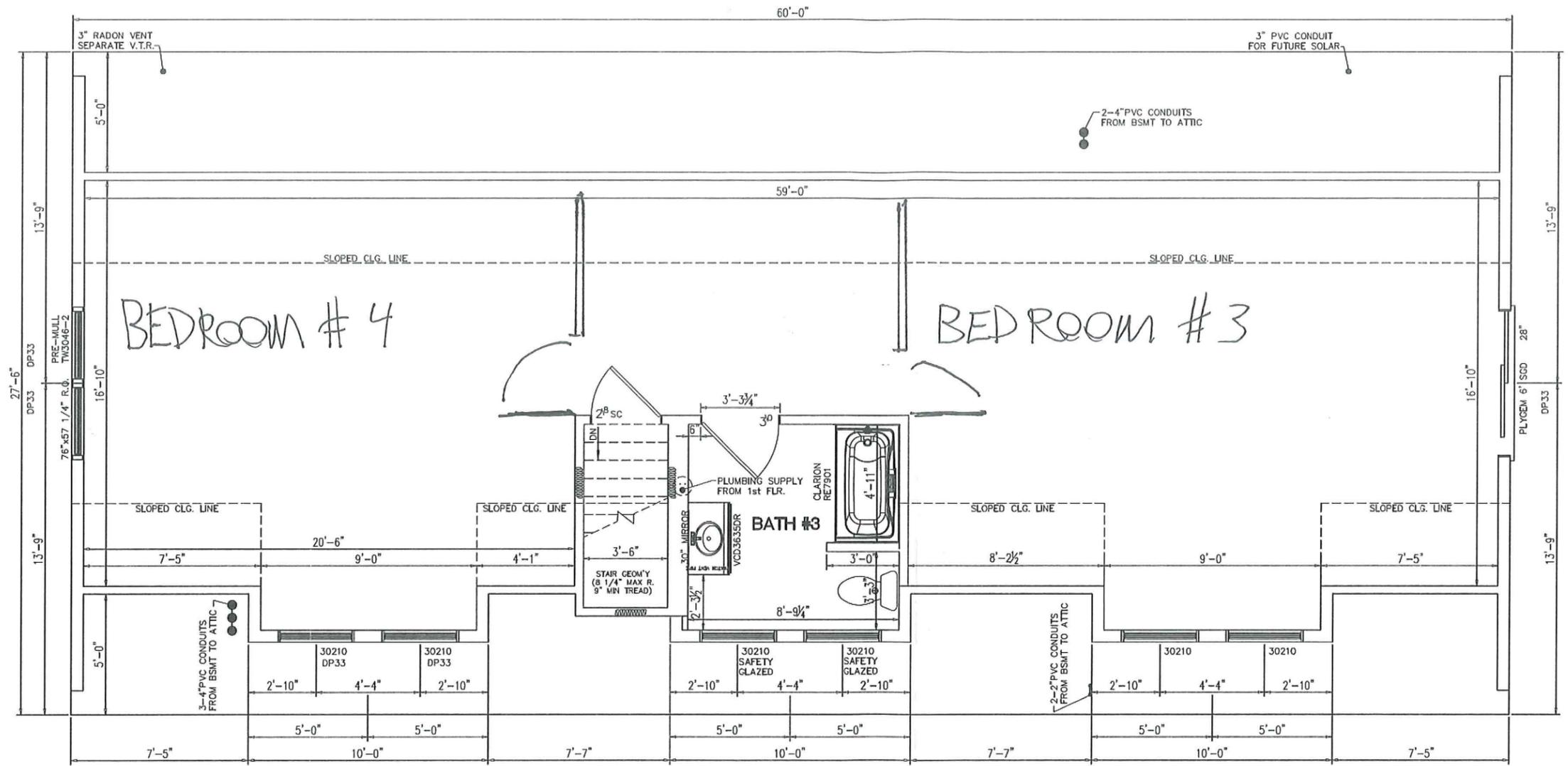
PROJECT:  
**42245  
 CAPE**

TITLE:  
**SECOND FLOOR  
 FLOOR PLAN**

DRAWN BY: STAFF  
 DATE: 11-04-19  
 SCALE: 3/16" = 1'-0"  
 FILENAME: 42245 SN

SHEET:  
**2ND FLR**

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**PROPOSED 2ND FLOOR PLAN**  
 ALL FINISH MATERIALS SUPPLIED AND INSTALLED ON-SITE BY BUILDER  
 KNEE WALL AND FLAT CEILING LINE LOCATIONS MAY CHANGE UPON TRUSS DESIGN.  
 MUST BE INSPECTED AND APPROVED BY THE LOCAL BUILDING INSPECTOR

BUILDER IS RESPONSIBLE TO PROVIDE MECHANICAL VENTILATION  
 IN ACCORDANCE WITH IRC SECTION R303.1-EXCEPTION 1  
 BUILDER IS RESPONSIBLE TO PROVIDE ARTIFICIAL LIGHT  
 IN ACCORDANCE WITH IRC SECTION R303.1-EXCEPTION 2

**BUILDER / OWNER SIGNATURES:**  
 ACCEPTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 TITLE: \_\_\_\_\_