

AMIDON RESIDENCE

68 UNCLE BARNEYS ROAD
WEST DENNIS MA 02670



PROJECT SUMMARY

NEW CONSTRUCTION- SINGLE FAMILY HOME:

- | | |
|---------------------------------|------------------|
| 1. FIRST FLOOR SQUARE FOOTAGE: | APPROX. 1,080 SF |
| 2. SECOND FLOOR SQUARE FOOTAGE: | APPROX. 890 SF |
| 3. TOTAL SQUARE FOOTAGE: | 1,970 SF |

GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF THE COMMONWEALTH OF MASSACHUSETTS BUILDING CODE (780CMR) AND THE CONTRACT DOCUMENTS.
2. INSULATION / ENERGY: SEE FRAMING GENERAL NOTES SHEET F1

LIST OF PLANS

- 00. COVER SHEET
- A0.1 FOUNDATION PLAN
- A1. FIRST FLOOR PLAN
- A2. SECOND FLOOR PLAN
- A3. ROOF PLAN
- A4. ELEVATIONS- FRONT-LEFT
- A5. ELEVATIONS- REAR-RIGHT
- P1. SITE PLAN
- S1. SECTION A-A : B-B
- S2. SECTION C-C
- F1. FIRST FLOOR FRAMING
- F2. SECOND FLOOR FRAMING
- F3. CEILING FRAMING
- F4. ROOF FRAMING
- D1. DETAILS-WINDOW & DOOR SCHEDULE

COVER SHEET



NEW HOME FOR:
AMIDON RESIDENCE
68 UNCLE BARNEYS RD
WEST DENNIS, MA 02670

NOTE:

THE PLANS SHOWN ARE THE SOLE PROPERTY OF CUSTOM CRAFTED HOMES. THEY CANNOT BE COPIED, REPRODUCED AND/OR ALTERED WITHOUT THE EXPRESS WRITTEN CONSENT OF CUSTOM CRAFTED HOMES.

SCALE:

1/4" = 1'-0"
AT D SIZE

REVISION:

STAMPED

PROJECT No.:

2025-AMIDON

DATE:

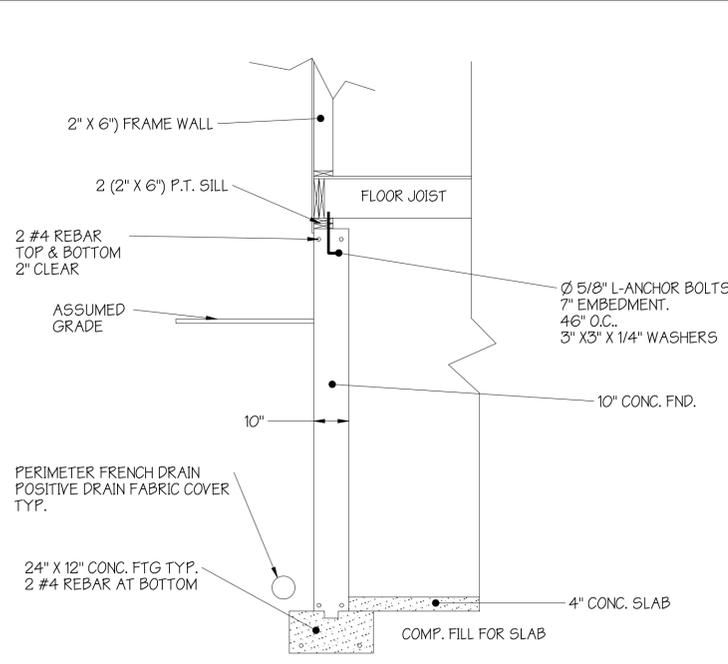
27 MAY 2025

SHEET:

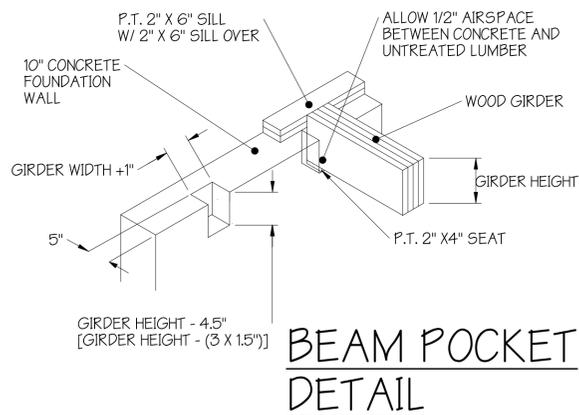
1 of 1

DWG. No.:

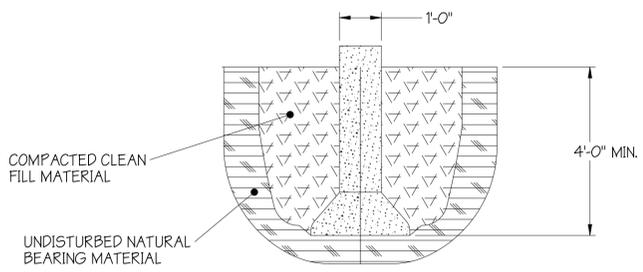
00



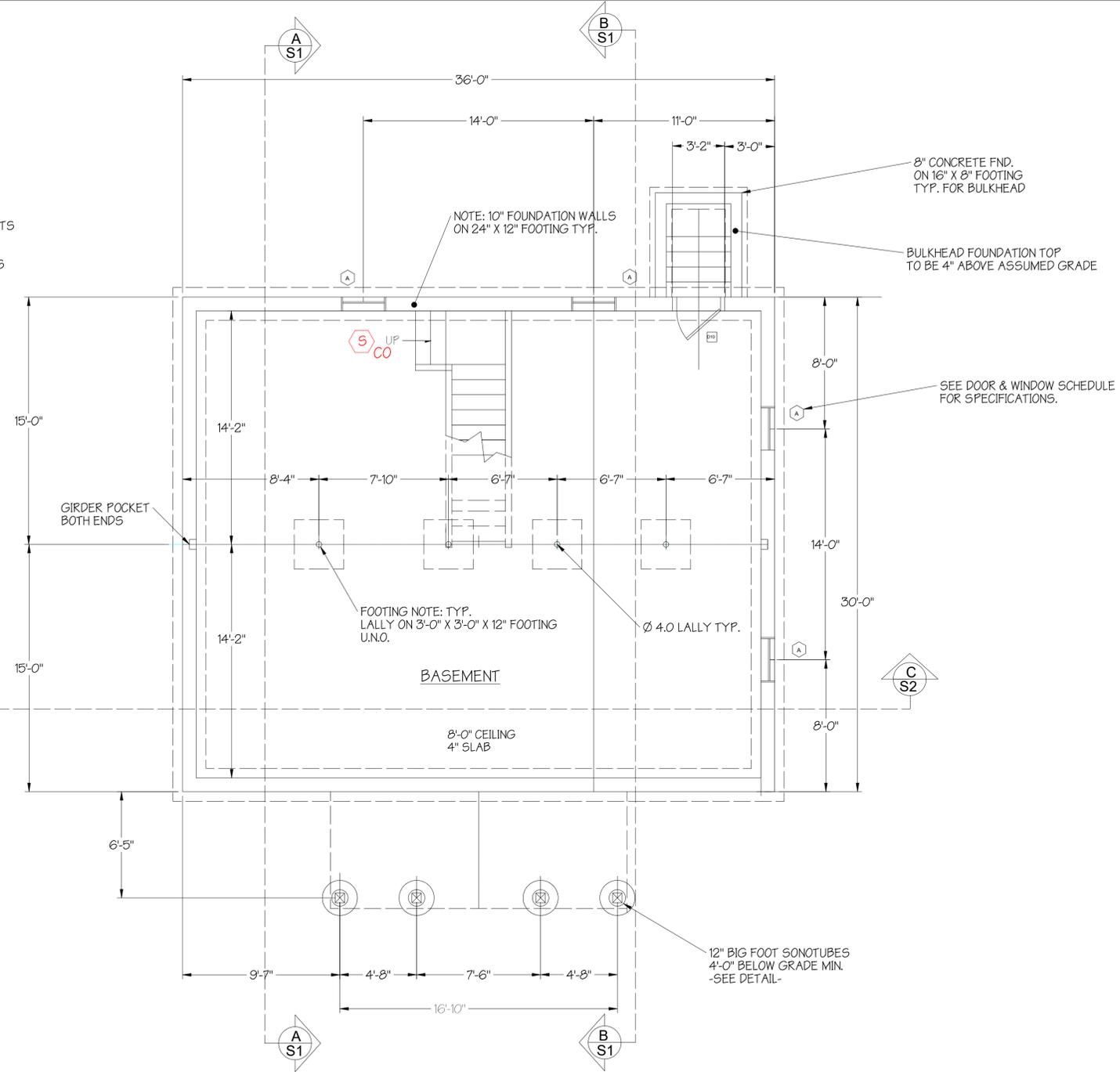
FOOTING DETAIL



BEAM POCKET DETAIL



TYPICAL BIGFOOT FOOTING DETAIL



- S_{CO} SMOKE -CO DETECTOR
- H HEAT DETECTOR
- LED CEILING LIGHT
- RECESSED LED CEILING LIGHT
- S SINGLE LIGHT SWITCH



Michele Cudilo
5/30/25 FOR STRUCT ONLY

FOUNDATION GENERAL NOTES:

- UNLESS NOTED OTHERWISE:
- FOOTINGS MUST BE PLACED ON UNDISTURBED SOIL OR CONTACTED FILL.
 - ANY WOOD IN CONTACT WITH CONCRETE TO BE PRESSURE TREATED.
 - FOUNDATION SLAB TO FIRST FLOOR JOIST APPROX 8'-0" HEIGHT.
 - SEE NOTE 2 SHEET F1 FRAMING FOR INSULATION REQUIREMENTS.

FOUNDATION PLAN

125-76



NEW HOME FOR:
AMIDON RESIDENCE
68 UNCLE BARNEYS RD
WEST DENNIS, MA 02670

NOTE:
THE PLANS SHOWN ARE THE SOLE PROPERTY OF CUSTOM CRAFTED HOMES. THEY CANNOT BE COPIED, REPRODUCED AND/OR ALTERED WITHOUT THE EXPRESS WRITTEN CONSENT OF CUSTOM CRAFTED HOMES.

SCALE:
1/4" = 1'-0"
AT D SIZE

REVISION:
STAMPED

PROJECT No.:
2025-AMIDON

DATE:
27 MAY 2025

SHEET:
1 of 14

DWG. No.:
A0.1



NEW HOME FOR:
AMIDON RESIDENCE
 68 UNCLE BARNEYS RD
 WEST DENNIS, MA 02670

NOTE:
 THE PLANS SHOWN ARE THE SOLE PROPERTY OF CUSTOM CRAFTED HOMES. THEY CANNOT BE COPIED, REPRODUCED AND/OR ALTERED WITHOUT THE EXPRESS WRITTEN CONSENT OF CUSTOM CRAFTED HOMES.

SCALE:
 1/4" = 1'-0"
 AT D SIZE

REVISION:
 FOR STAMPED

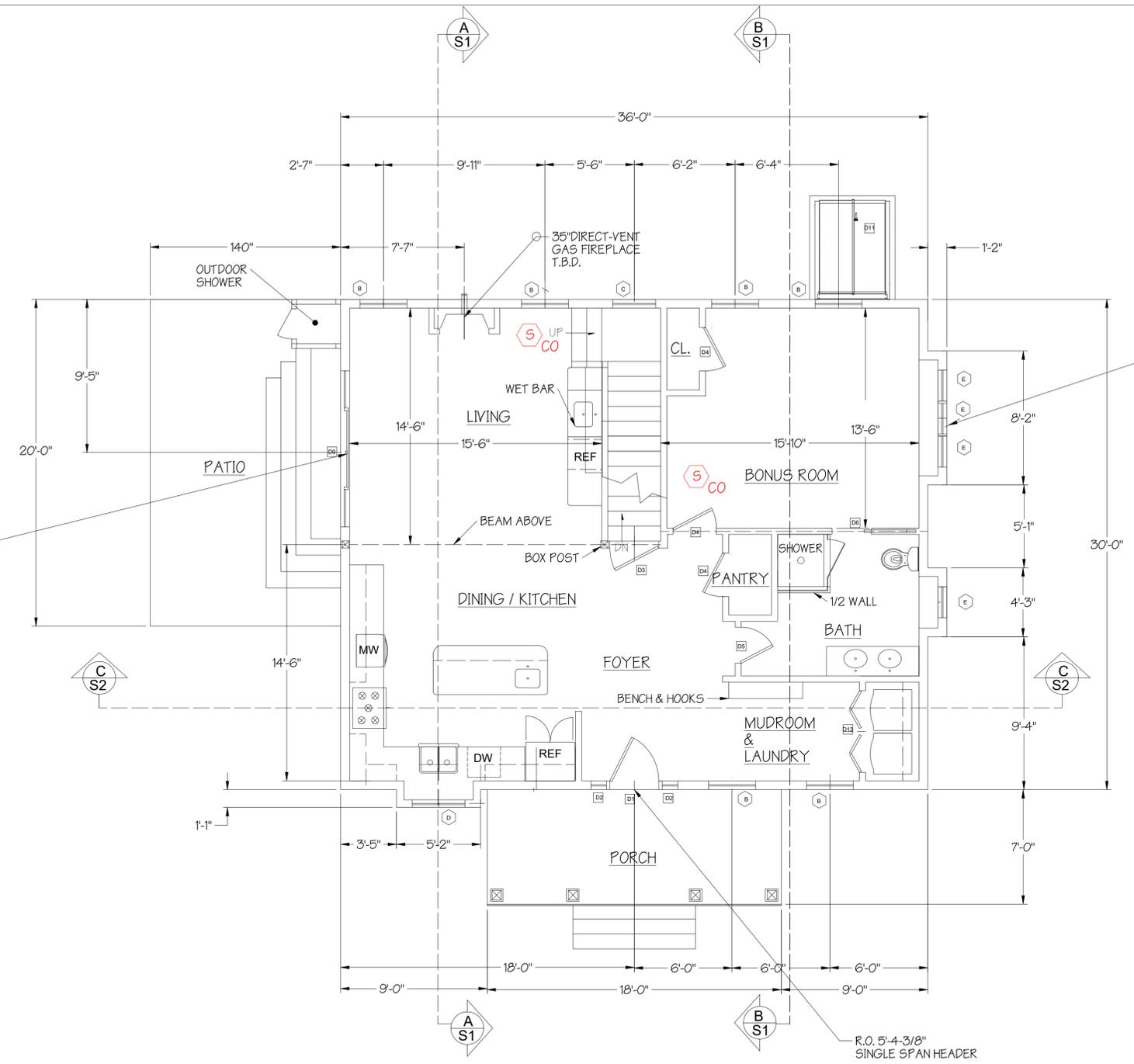
PROJECT No.:
 2025-AMIDON

DATE:
 27 MAY 2025

SHEET:
 2 of 14

DWG. No.:
A1

- SMOKE -CO DETECTOR
- HEAT DETECTOR
- LED CEILING LIGHT
- RECESSED LED CEILING LIGHT
- SINGLE LIGHT SWITCH



9'-9" SLIDER.
 3X - 2" X 10" HEADER 1/2 PLY. SPACERS
 1X JACK STUD
 3X KING STUDS

STEP OUT WINDOW TYP.
 R.O. 6'-3"
 SINGLE SPAN HEADER
 1X JACK STUDS
 3X KING STUDS AT ENDS

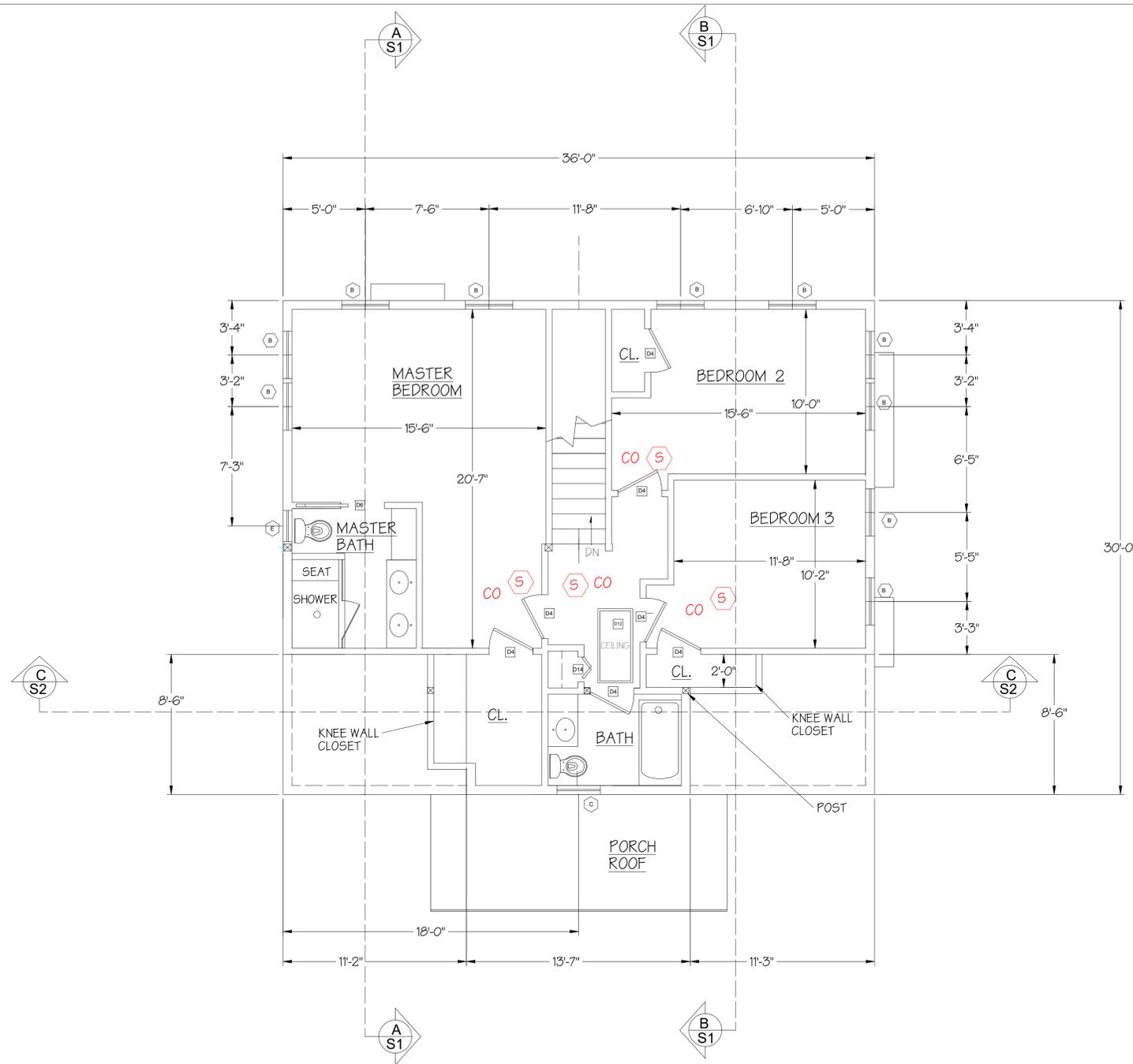
 SEE STEP OUT WINDOW DETAIL
 ON SHEET D1 WINDOW & DOOR SCHEDULE

FLOOR PLAN GENERAL NOTES:

UNLESS NOTED OTHERWISE:

1. EXTERIOR WALLS 2" X 6" FRAMING
2. INTERIOR WALLS 2" X 4" FRAMING
3. ANY WOOD IN CONTACT WITH CONCRETE TO BE PRESSURE TREATED
4. WINDOWS/DOORS: SEE WINDOW/ DOOR SCHEDULES
5. SEE ELEVATIONS FOR CEILING HEIGHTS/PLATES
6. HEADERS: < 4'-0" ; 3X - 2" X 6" ; 1 KING, 1 JACK STUDS
7. DOUBLE JOIST BLOCKS BELOW KITCHEN IS., PARTION, TUB, ETC.

FIRST FLOOR PLAN



- SMOKE -CO DETECTOR
- HEAT DETECTOR
- LED CEILING LIGHT
- RECESSED LED CEILING LIGHT
- SINGLE LIGHT SWITCH

FLOOR PLAN GENERAL NOTES:

UNLESS NOTED OTHERWISE:

1. EXTERIOR WALLS 2" X6" FRAMING
2. INTERIOR WALLS 2" X 4" FRAMING
3. WINDOWS/DOORS: SEE WINDOW/ DOOR SCHEDULES
4. SEE ELEVATIONS FOR CEILING HEIGHTS/PLATES

SECOND FLOOR PLAN



NEW HOME FOR:
AMIDON RESIDENCE
 68 UNCLE BARNEYS RD
 WEST DENNIS, MA 02670

NOTE:
 THE PLANS SHOWN ARE THE SOLE PROPERTY OF CUSTOM CRAFTED HOMES. THEY CANNOT BE COPIED, REPRODUCED AND/OR ALTERED WITHOUT THE EXPRESS WRITTEN CONSENT OF CUSTOM CRAFTED HOMES.

SCALE:
 1/4" = 1'-0"
 AT D SIZE

REVISION:
 STAMPED

PROJECT No.:
 2025-AMIDON

DATE:
 27 MAY 2025

SHEET:
 3 of 14

DWG. No.:
A2



NEW HOME FOR:
AMIDON RESIDENCE
68 UNCLE BARNEYS RD
WEST DENNIS, MA 02670

NOTE:

THE PLANS SHOWN ARE THE SOLE PROPERTY OF CUSTOM CRAFTED HOMES. THEY CANNOT BE COPIED, REPRODUCED AND/OR ALTERED WITHOUT THE EXPRESS WRITTEN CONSENT OF CUSTOM CRAFTED HOMES.

SCALE:

1/4" = 1'-0"
AT D SIZE

REVISION:

STAMPED

PROJECT No.:

2025-AMIDON

DATE:

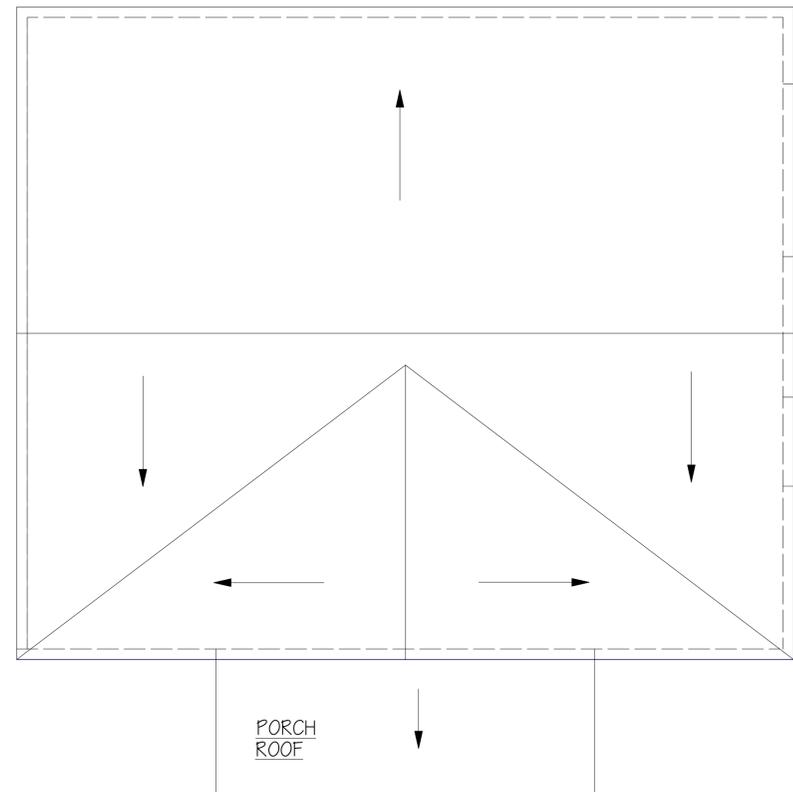
27 MAY2025

SHEET:

4 of 14

DWG. No.:

A3



ROOF PLAN GENERAL NOTES:

UNLESS NOTED OTHERWISE:

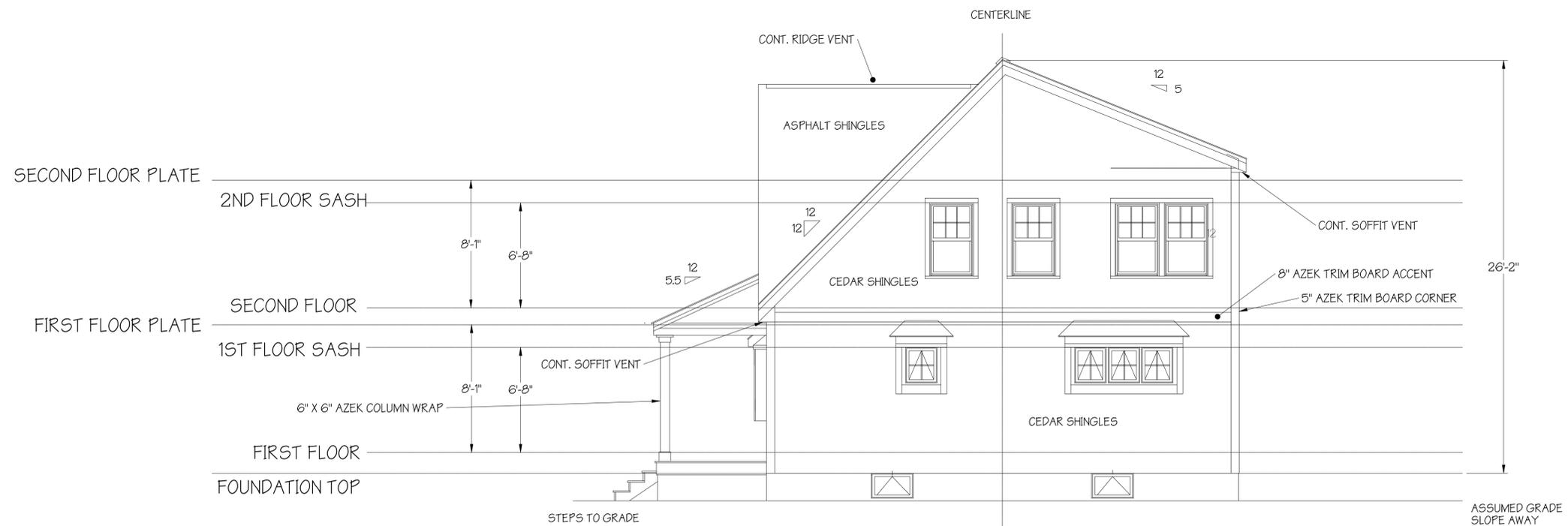
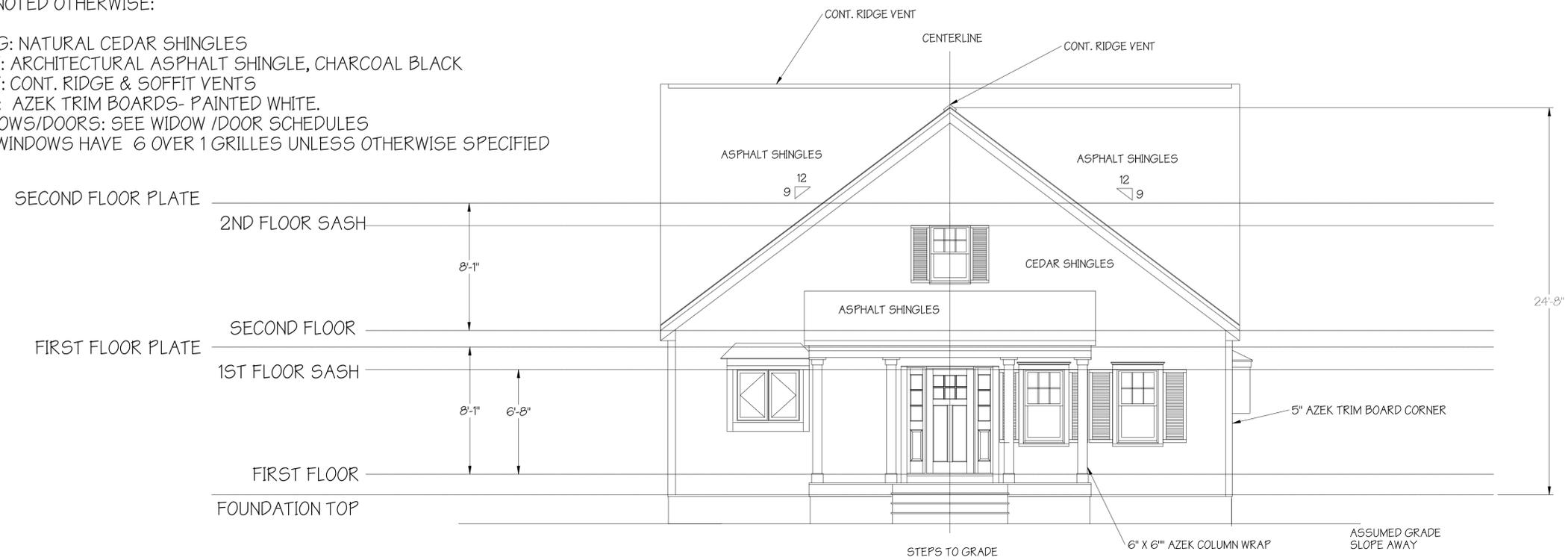
1. DASHED LINES INDICATE LINE OF EXTERIOR WALLS BELOW
2. SEE ELEVATIONS FOR ROOF PITCHES.
3. ARCHITECTURAL ASPHALT SHINGLES, COLOR CHARCOAL BLACK
4. CONTINUOUS ALUMINIUM GUTTERS AND DOWNSPOUTS TO BE PROVIDED

ROOF PLAN

ELEVATION GENERAL NOTES:

UNLESS NOTED OTHERWISE:

1. SIDING: NATURAL CEDAR SHINGLES
2. ROOF: ARCHITECTURAL ASPHALT SHINGLE, CHARCOAL BLACK
3. ROOF: CONT. RIDGE & SOFFIT VENTS
4. TRIM: AZEK TRIM BOARDS- PAINTED WHITE.
5. WINDOWS/DOORS: SEE WINDOW /DOOR SCHEDULES
6. ALL WINDOWS HAVE 6 OVER 1 GRILLES UNLESS OTHERWISE SPECIFIED



FRONT & RIGHT ELEVATIONS



NEW HOME FOR:
AMIDON RESIDENCE
 68 UNCLE BARNEY RD
 WEST DENNIS, MA 02670

NOTE:
 THE PLANS SHOWN ARE THE SOLE PROPERTY OF CUSTOM CRAFTED HOMES. THEY CANNOT BE COPIED, REPRODUCED AND/OR ALTERED WITHOUT THE EXPRESS WRITTEN CONSENT OF CUSTOM CRAFTED HOMES.

SCALE:
 1/4" = 1'-0"
 AT D SIZE

REVISION:
 STAMPED

PROJECT No.:
 2025-AMIDON

DATE:
 27 MAY 2025

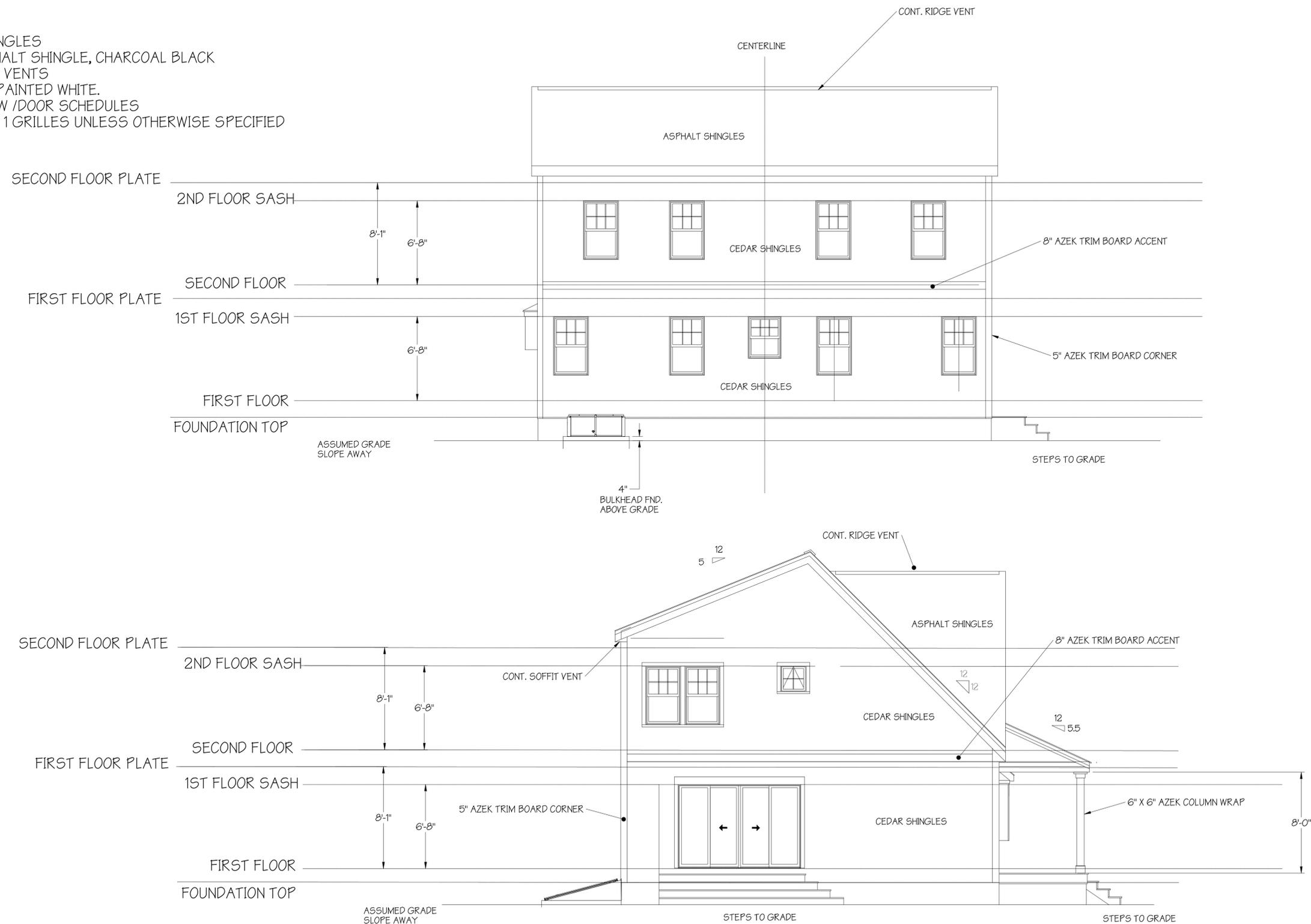
SHEET:
 5 of 14

DWG. No.:
A4

ELEVATION GENERAL NOTES:

UNLESS NOTED OTHERWISE:

1. SIDING: NATURAL CEDAR SHINGLES
2. ROOF: ARCHITECTURAL ASPHALT SHINGLE, CHARCOAL BLACK
3. ROOF: CONT. RIDGE & SOFFIT VENTS
4. TRIM: AZEK TRIM BOARDS- PAINTED WHITE.
5. WINDOWS/DOORS: SEE WINDOW /DOOR SCHEDULES
6. ALL WINDOWS HAVE 6 OVER 1 GRILLES UNLESS OTHERWISE SPECIFIED



REAR & LEFT ELEVATIONS



NEW HOME FOR:
AMIDON RESIDENCE
 68 UNCLE BARNEYS RD
 WEST DENNIS, MA 02670

NOTE:
 THE PLANS SHOWN ARE THE SOLE PROPERTY OF CUSTOM CRAFTED HOMES. THEY CANNOT BE COPIED, REPRODUCED AND/OR ALTERED WITHOUT THE EXPRESS WRITTEN CONSENT OF CUSTOM CRAFTED HOMES.

SCALE:
 1/4" = 1'-0"
 AT D SIZE

REVISION:
 STAMPED

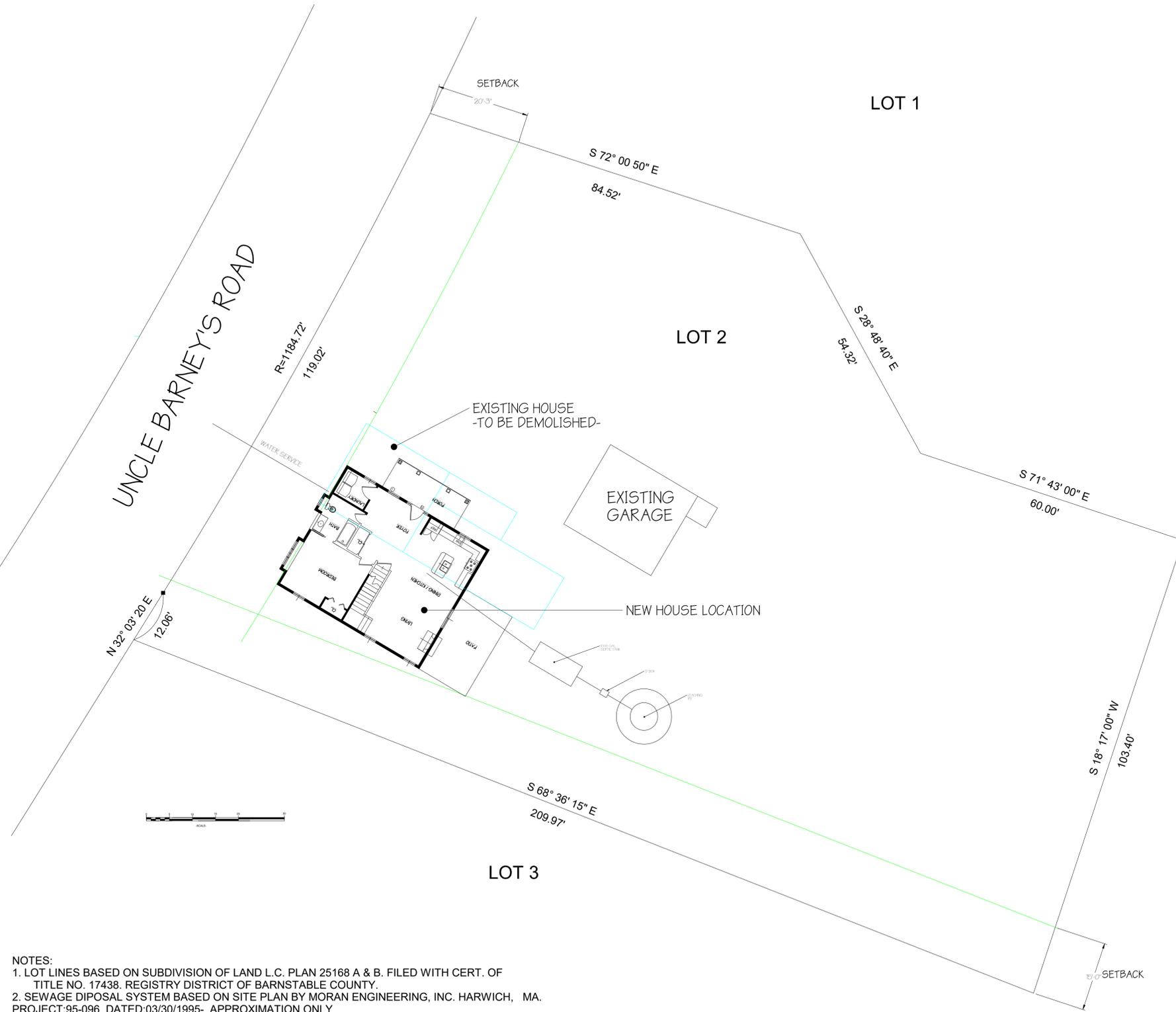
PROJECT No.:
 2025-AMIDON

DATE:
 27 MAY 2025

SHEET:
 6 of 14

DWG. No.:

A5



NOTES:
 1. LOT LINES BASED ON SUBDIVISION OF LAND L.C. PLAN 25168 A & B. FILED WITH CERT. OF TITLE NO. 17438. REGISTRY DISTRICT OF BARNSTABLE COUNTY.
 2. SEWAGE DISPOSAL SYSTEM BASED ON SITE PLAN BY MORAN ENGINEERING, INC. HARWICH, MA. PROJECT:95-096 DATED:03/30/1995- APPROXIMATION ONLY

SITE PLAN



NEW HOME FOR:
 AMIDON RESIDENCE
 68 UNCLE BARNEYS RD
 WEST DENNIS, MA 02670

NOTE:
 THE PLANS SHOWN ARE THE SOLE PROPERTY OF CUSTOM CRAFTED HOMES. THEY CANNOT BE COPIED, REPRODUCED AND/OR ALTERED WITHOUT THE EXPRESS WRITTEN CONSENT OF CUSTOM CRAFTED HOMES.

SCALE:
 SEE SHEET

REVISION:
 STAMPED

PROJECT No.:
 2025-AMIDON

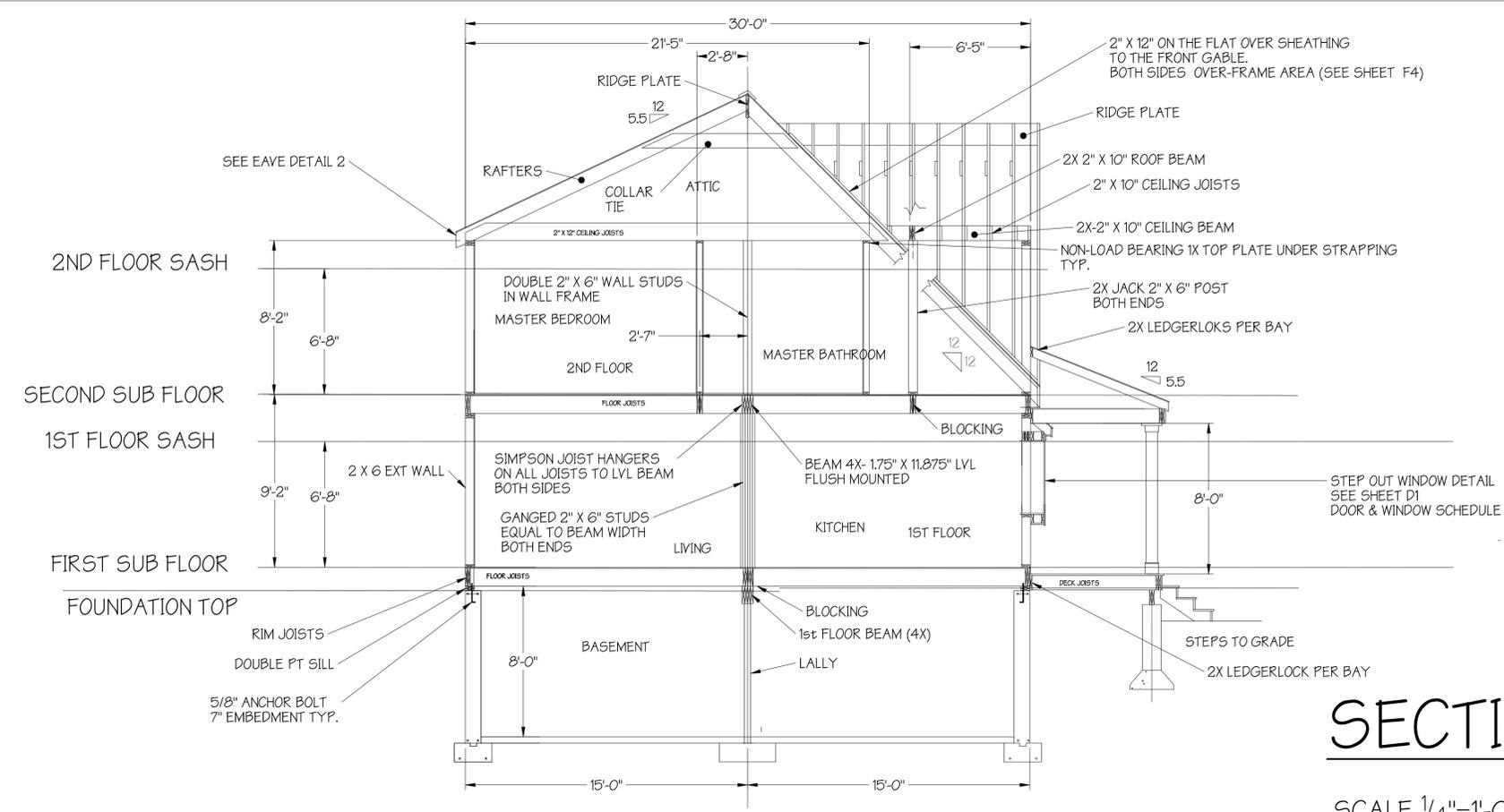
DATE:
 27 MAY 2025

SHEET:
 7 of 14

DWG. No.:
P1

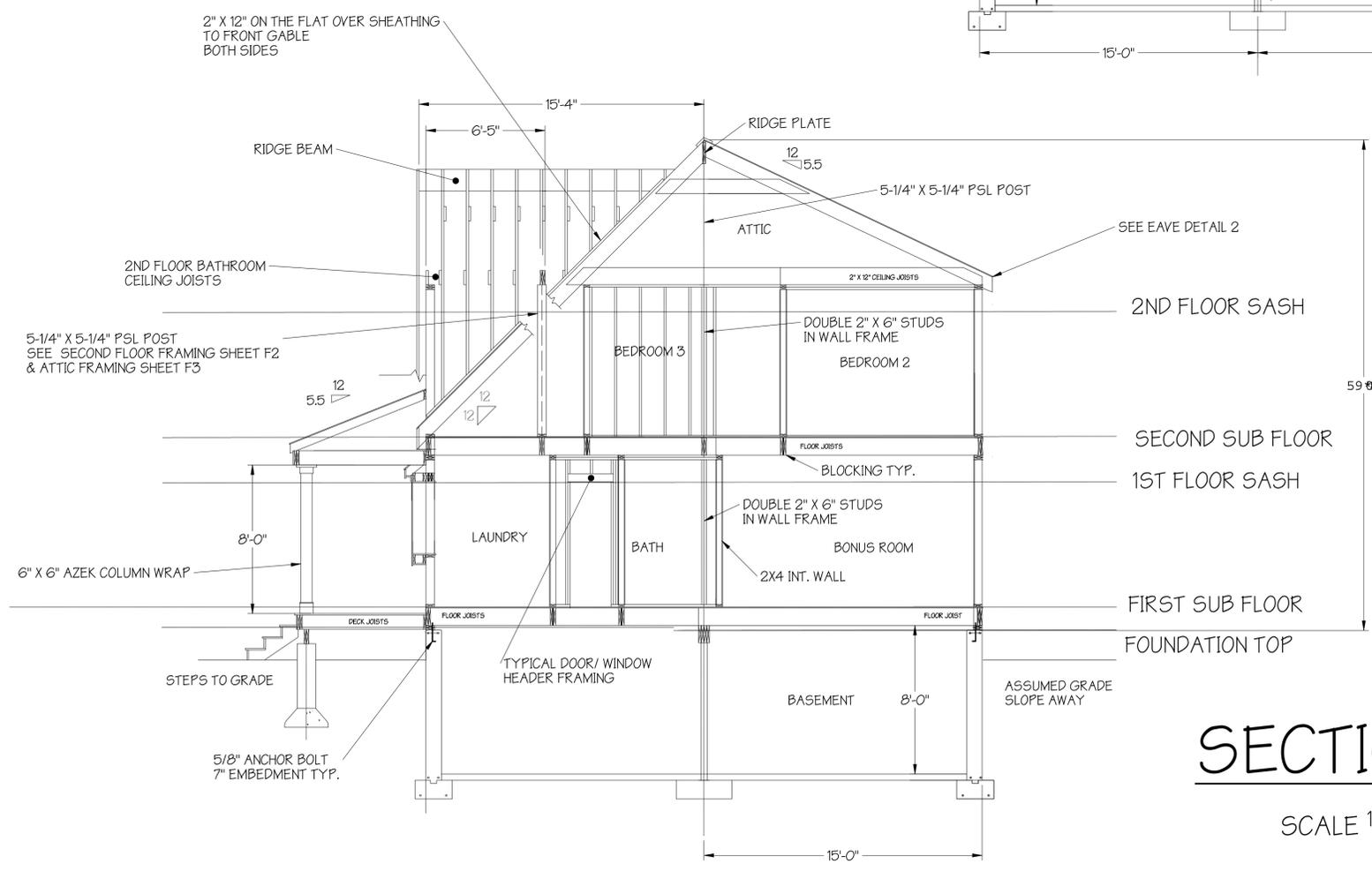


NEW HOME FOR:
AMIDON RESIDENCE
 68 UNCLE BARNEYS RD
 WEST DENNIS, MA 02670



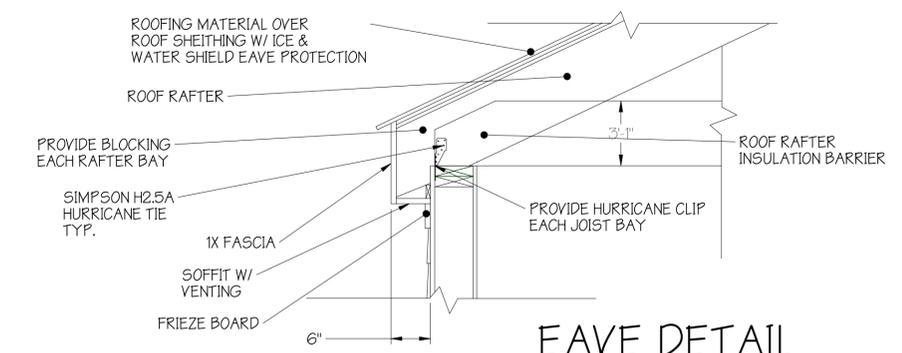
SECTION A-A

SCALE 1/4"=1'-0"



SECTION B-B

SCALE 1/4"=1'-0"



EAVE DETAIL DETAIL 2

SCALE 1"=1'-0"

SECTIONS

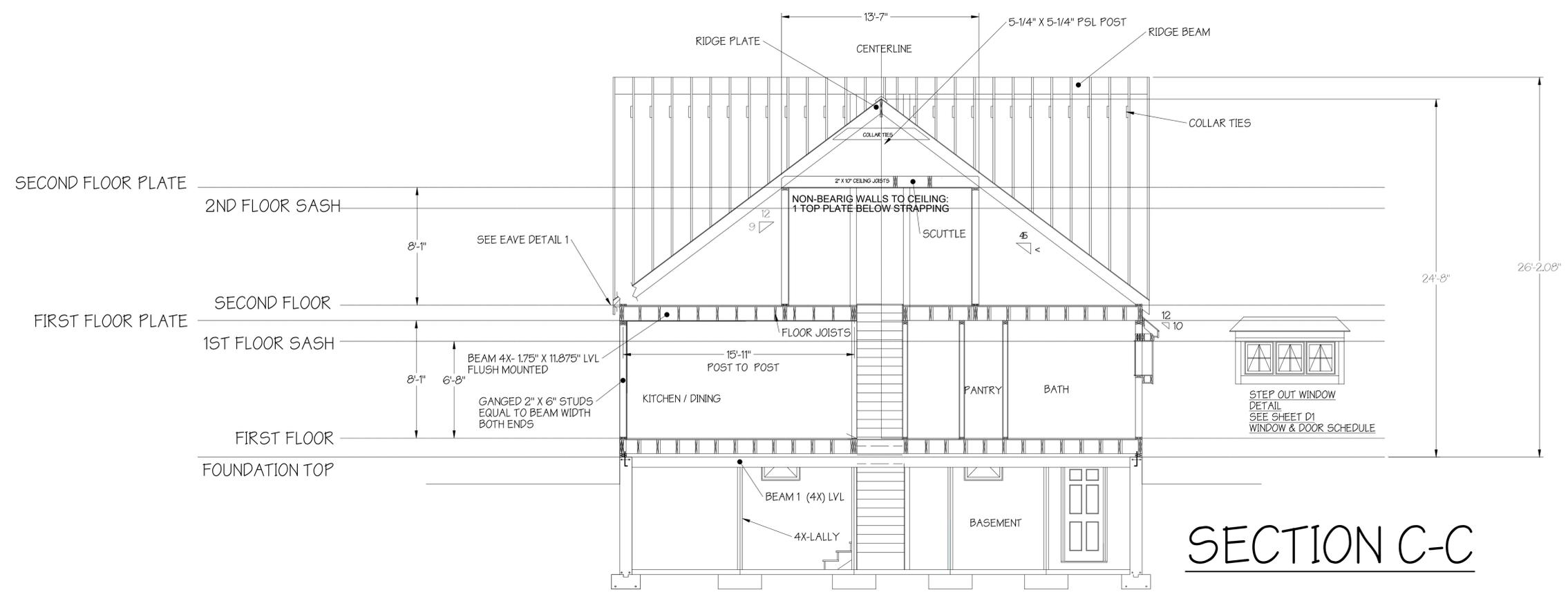
NOTE:
 THE PLANS SHOWN ARE THE SOLE PROPERTY OF CUSTOM CRAFTED HOMES. THEY CANNOT BE COPIED, REPRODUCED AND/OR ALTERED WITHOUT THE EXPRESS WRITTEN CONSENT OF CUSTOM CRAFTED HOMES.

SCALE:	1/4" = 1'-0" AT D SIZE
REVISION:	
STAMPED	
PROJECT No.:	2025-AMIDON
DATE:	27 MAY2025
SHEET:	8 of 14
DWG. No.:	S1



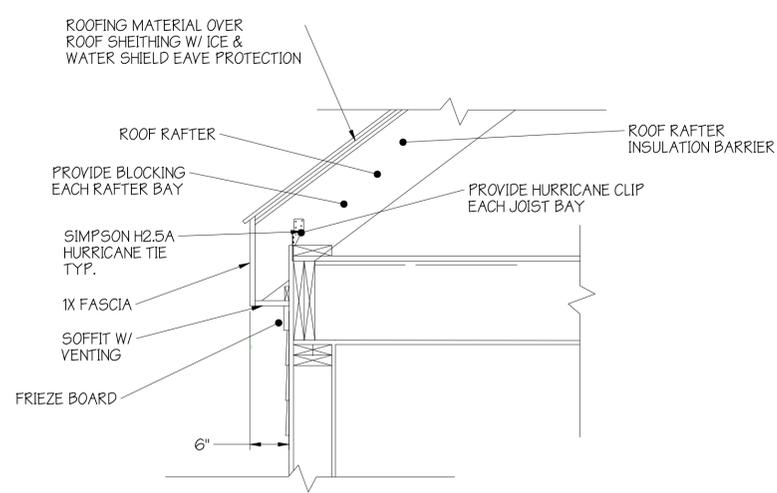
MICHELE CUDILO
No. 34774
STRUCTURAL
REGISTERED PROFESSIONAL ENGINEER
5/30/25 FOR STRUCT ONLY

NEW HOME FOR:
AMIDON RESIDENCE
68 UNCLE BARNEYS RD
WEST DENNIS, MA 02670



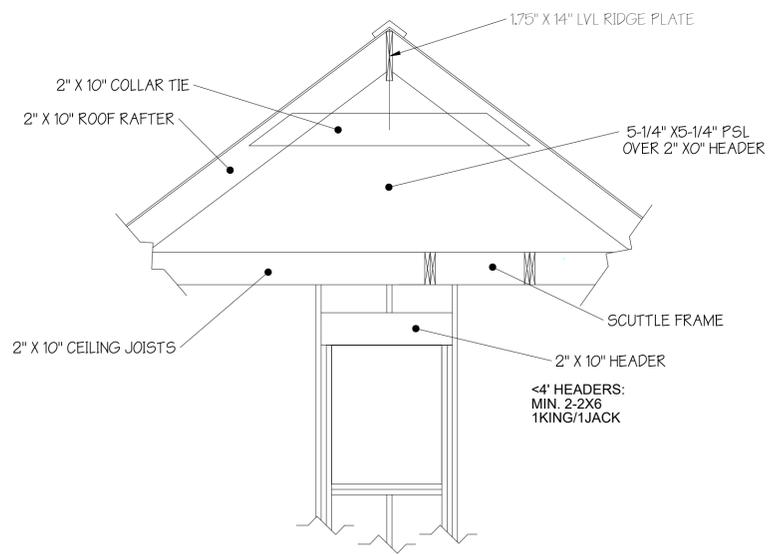
SECTION C-C

SCALE 1/4"=1'-0"



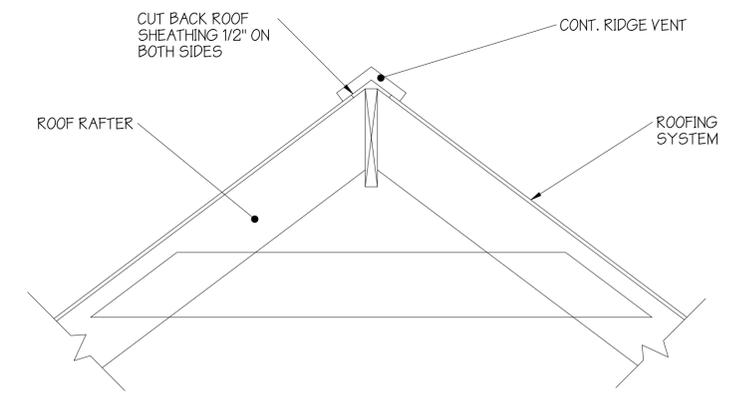
EAVE DETAIL DETAIL 1

SCALE 1"=1'-0"



HEADER DETAIL 2ND FLOOR BATHROOM SEE SHEET F4

SCALE 1/2"=1'-0"



RIDGE VENT DETAIL

SCALE 1"=1'-0"

SECTIONS

NOTE:
THE PLANS SHOWN ARE THE SOLE PROPERTY OF CUSTOM CRAFTED HOMES. THEY CANNOT BE COPIED, REPRODUCED AND/OR ALTERED WITHOUT THE EXPRESS WRITTEN CONSENT OF CUSTOM CRAFTED HOMES.

SCALE:
1/4" = 1'-0"
AT D SIZE

REVISION:
STAMPED

PROJECT No.:
2025-AMIDON

DATE:
27 MAY 2025

SHEET:
9 of 14

DWG. No.:
S2

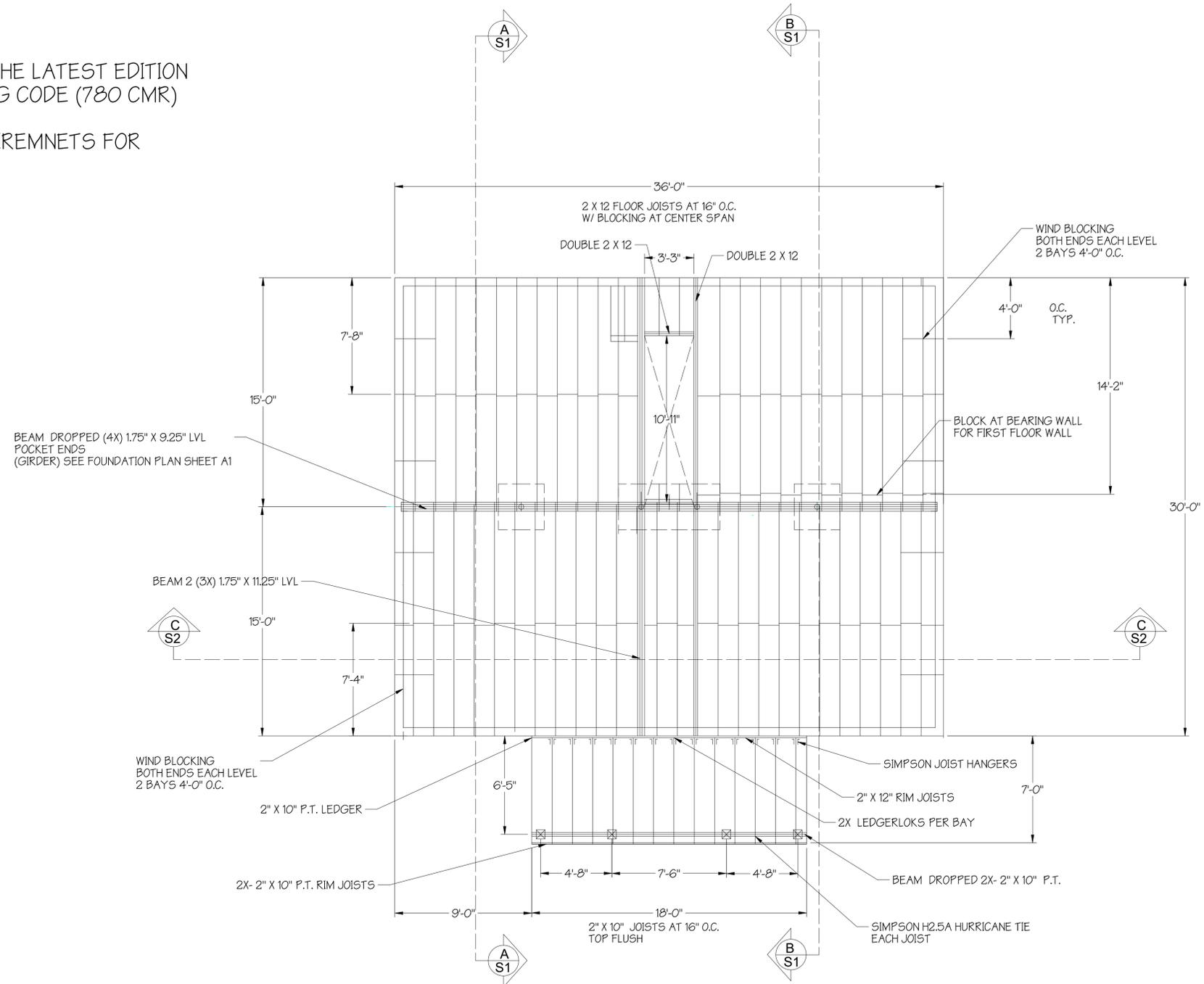
GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF THE COMMONWEALTH OF MASSACHUSETTS BUILDING CODE (780 CMR) AND THE CONTRACT DOCUMENTS.

2. INSULATION / ENERGY: TO CONFORM TO 2015 IECC REQUIREMENTS FOR MASSACHUSETTS:

MATERIAL R VALUES:

- A. CEILING OR EXPOSED FLOORS: R-49
- B. WALL: R-20
- C. FLOOR: R-30
- D. BASEMENT WALL: R-19
- E. SLAB PERIMETER: R-10, 4 FT.



NEW HOME FOR:
AMIDON RESIDENCE
 68 UNCLE BARNEYS RD
 WEST DENNIS, MA 02670

NOTE:
 THE PLANS SHOWN ARE THE SOLE PROPERTY OF CUSTOM CRAFTED HOMES. THEY CANNOT BE COPIED, REPRODUCED AND/OR ALTERED WITHOUT THE EXPRESS WRITTEN CONSENT OF CUSTOM CRAFTED HOMES.

SCALE:
 1/4" = 1'-0"
 AT D SIZE

REVISION:
 STAMPED

PROJECT No.:
 2025-AMIDON

DATE:
 27 MAY 2025

SHEET:
 10 of 14

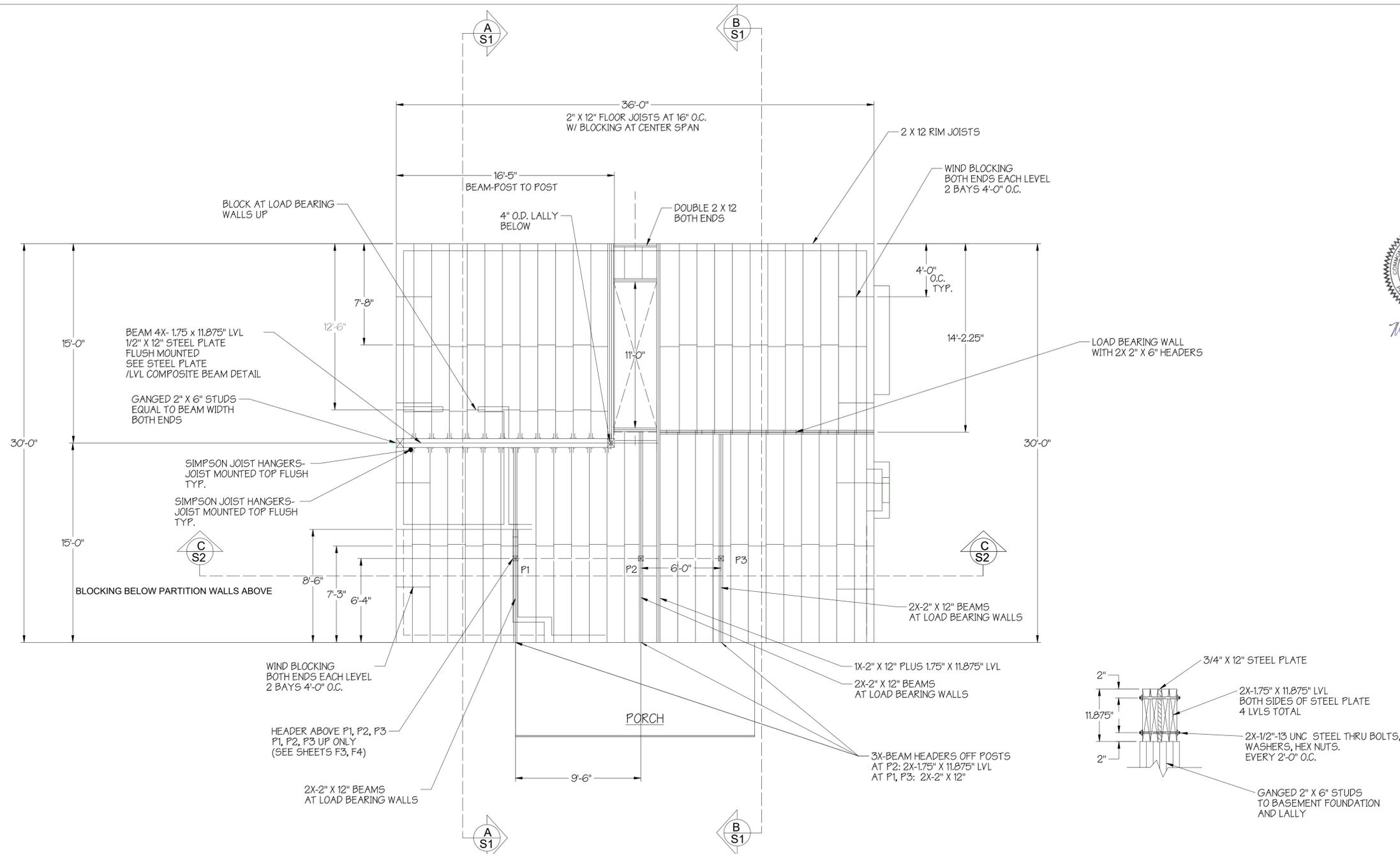
DWG. No.:
F1

FIRST FLOOR FRAMING



Michele Cudilo, P.E.

NEW HOME FOR:
AMIDON RESIDENCE
68 UNCLE BARNEYS RD
WEST DENNIS, MA 02670



**LVL / STEEL PLATE
COMPOSITE BEAM DETAIL**
SCALE 1"=1'-0"

NOTES:

1. SEE SHEET F1
2. PROVIDE HURRICANE CLIPS AT EVERY RAFTER.

3. LOAD BEARING WALL:
4. NON-LOAD BEARING WALL:

NOTE:

THE PLANS SHOWN ARE THE SOLE PROPERTY OF CUSTOM CRAFTED HOMES. THEY CANNOT BE COPIED, REPRODUCED AND/OR ALTERED WITHOUT THE EXPRESS WRITTEN CONSENT OF CUSTOM CRAFTED HOMES.

SCALE:
1/4" = 1'-0"
AT D SIZE

REVISION:
STAMPED

PROJECT No.:
2025-AMIDON

DATE:
27 MAY 2025

SHEET:
11 of 14

DWG. No.:
F2



Michele Cudilo

NEW HOME FOR:
AMIDON RESIDENCE
68 UNCLE BARNEYS RD
WEST DENNIS, MA 02670

NOTE:
THE PLANS SHOWN ARE THE SOLE PROPERTY OF CUSTOM CRAFTED HOMES. THEY CANNOT BE COPIED, REPRODUCED AND/OR ALTERED WITHOUT THE EXPRESS WRITTEN CONSENT OF CUSTOM CRAFTED HOMES.

SCALE:
1/4" = 1'-0"
AT D SIZE

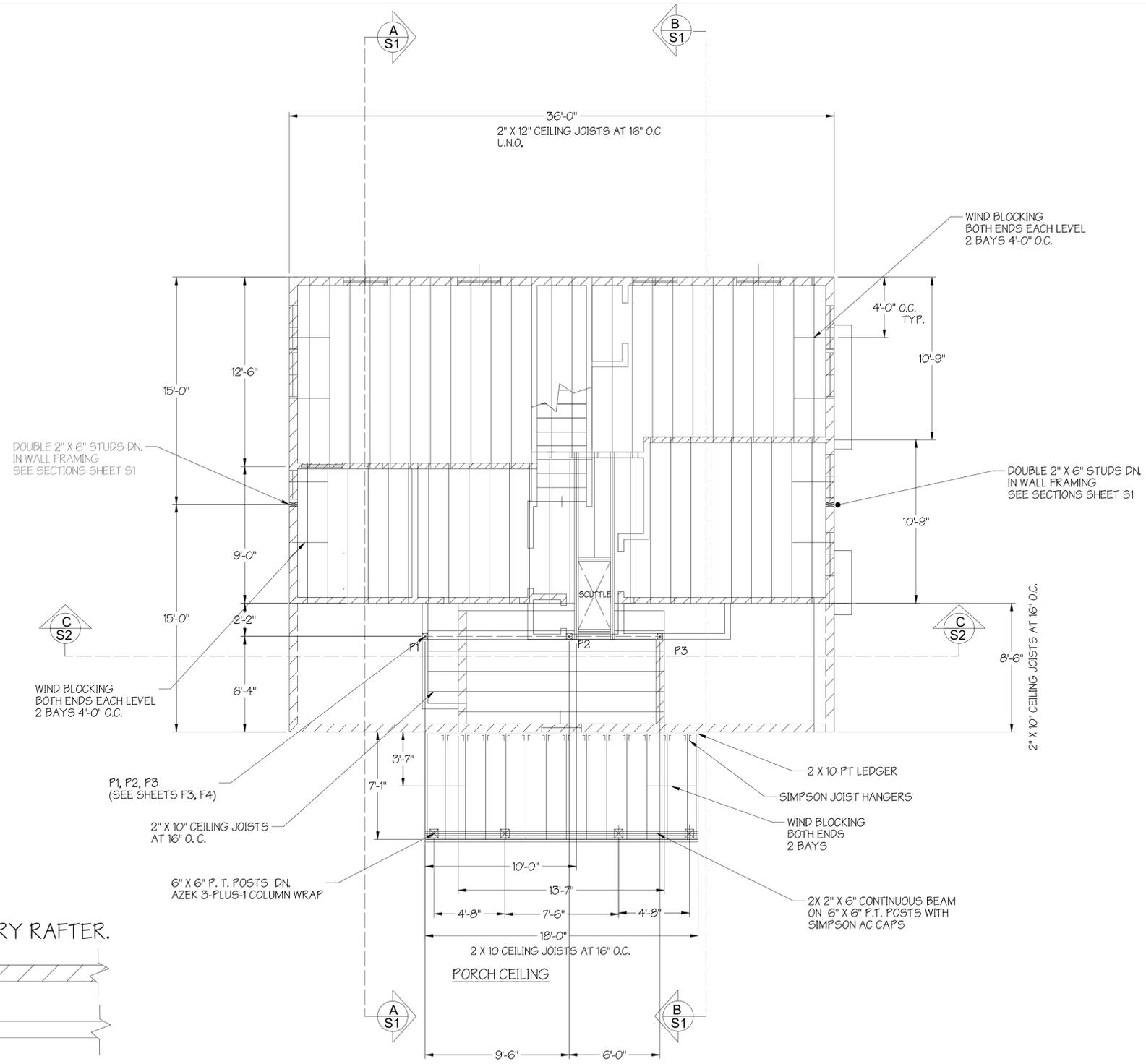
REVISION:
STAMPED

PROJECT No.:
2025-AMIDON

DATE:
27 MAY 2025

SHEET:
12 of 14

DWG. No.:
F3



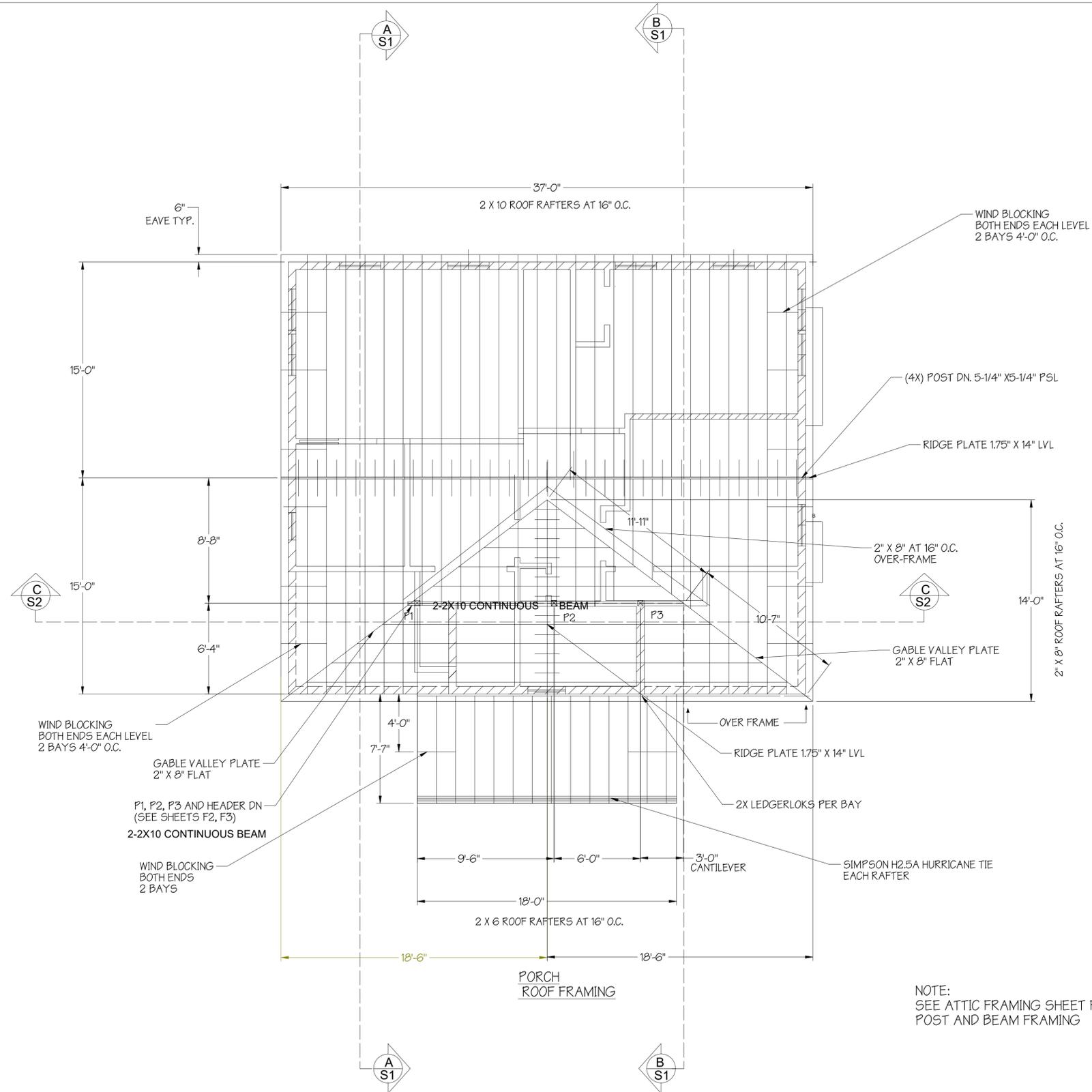
- NOTES:
- SEE SHEET F1
 - PROVIDE HURRICANE CLIPS AT EVERY RAFTER.
 - LOAD BEARING WALL:
 - NON-LOAD BEARING WALL:

ATTIC FRAMING



Michele Cudilo, P.E.

NEW HOME FOR:
AMIDON RESIDENCE
68 UNCLE BARNEYS RD
WEST DENNIS, MA 02670

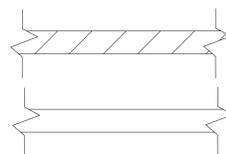


NOTE:
SEE ATTIC FRAMING SHEET F3 FOR PORCH
POST AND BEAM FRAMING

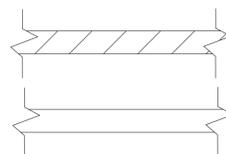
NOTES:

1. SEE SHEET F1
2. PROVIDE HURRICANE CLIPS AT EVERY RAFTER.

3. LOAD BEARING WALL:



4. NON-LOAD BEARING WALL:



ROOF FRAMING

NOTE:

THE PLANS SHOWN ARE THE SOLE PROPERTY OF CUSTOM CRAFTED HOMES. THEY CANNOT BE COPIED, REPRODUCED AND/OR ALTERED WITHOUT THE EXPRESS WRITTEN CONSENT OF CUSTOM CRAFTED HOMES.

SCALE:

1/4" = 1'-0"
AT D SIZE

REVISION:

STAMPED

PROJECT No.:

2025-AMIDON

DATE:

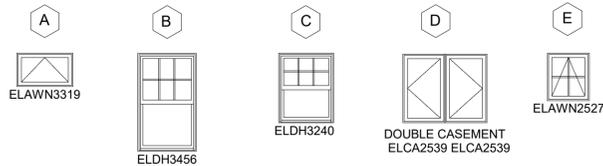
27 MAY 2025

SHEET:

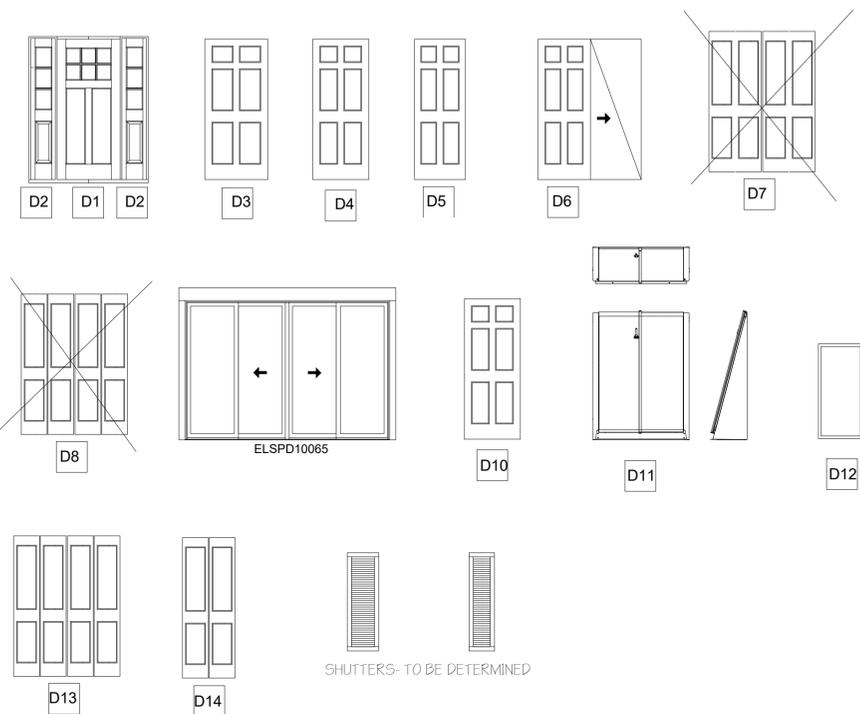
13 of 14

DWG. No.:

F4

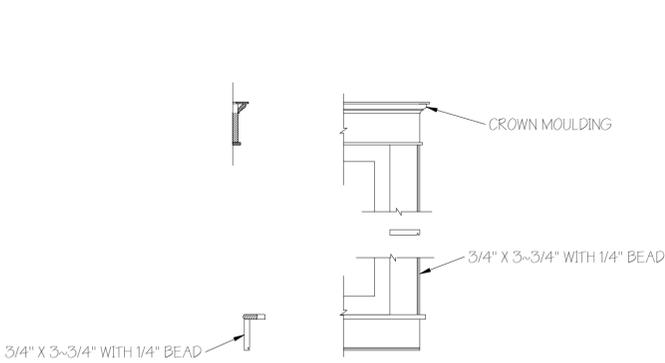


MARK	UNIT FRAME SIZE (HxV)	MFG.	PRODUCT NO.	DESCRIPTION	FINISH (EXT/INT)	GLASS	GRILLS	HARDWARE	QTY.
A	2'-8" X 1'-7~1/8"	MARVIN	ELAWN3319	ELEVATE AWINING	WHITE/WHITE		NONE	WHITE	4
B	2'-9~1/2" X 4'-7~3/8"	MARVIN	ELDH3456	ELEVATE DOUBLE HUNG	WHITE/WHITE		6/1	WHITE	16
C	2'-7~1/2" X 3'-3~3/4"	MARVIN	ELDH3230	ELEVATE DOUBLE HUNG	WHITE/WHITE		6/1	WHITE	2
D	2'-0" X 3'-3"~1/8"	MARVIN	ELCA2539	ELEVATE DOUBLE CASEMENT	WHITE/WHITE		NONE	WHITE	DOUBLE
E	2'-0" X 2'-3~1/8"	MARVIN	ELAWN2527	ELEVATE AWINING	WHITE/WHITE		2H 2W	WHITE	5



MARK	UNIT SIZE	MANUFACTURER	PRODUCT NO.	DESCRIPTION	FINISH	QTY.
D1*	3'-0" X 6'-8"	THERMA-TRU	FCM607-ADVSSDLLE	FIBER-CLASSIC MAHOGANY DOOR	MAHOGANY (FIBERGLASS)	1
D2*	1'-0" X 6'-8"	THERMA-TRU	FCM65SL-ADVSSDLLE	FIBER-CLASSIC MAHOGANY SIDE LIGHTS	MAHOGANY (FIBERGLASS)	2
D3	3'-0" X 6'-8"	BROSCO OR EQUIV.		6 PANEL SOLID CORE MDF	WHITE	1
D4	2'-8" X 6'-8"	BROSCO OR EQUIV.		6 PANEL SOLID CORE MDF	WHITE	10
D5	2'-5" X 6'-8"	BROSCO OR EQUIV.		6 PANEL SOLID CORE MDF	WHITE	1
D6	3'-0" X 6'-8"	BROSCO OR EQUIV.		6 PANEL SOLID CORE MDF-POCKET DOOR SET-UP	WHITE	2
D7	N/A	N/A		N/A	N/A	N/A
D8	N/A	N/A		N/A	N/A	N/A
D9	9'-9~1/2" X 6'-7"	MARVIN ELEVATE	ELSPD 10065	4 PANEL SLIDING GLASS PATIO DOOR	WHITE	1
D10	2'-8" X 6'-8"	BROSCO OR EQUIV.		6 PANEL INSULATED CORE FIBERGLASS	WHITE	1
D11	55" X 72" X 19.5" H	BILCO BULKHEAD	BILCO SIZE C	STEEL BASEMENT BULKHEAD UNIT	GRAY	1

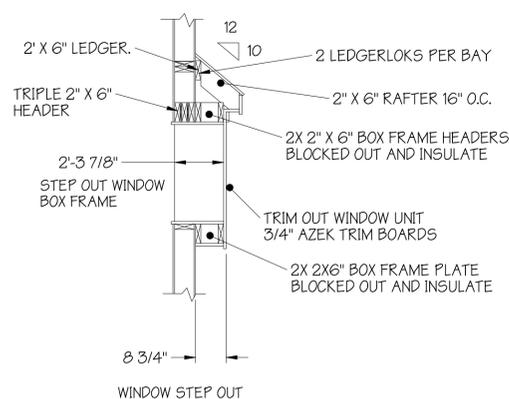
*D1 & D2: THERMA-TRU UNIT D1: LEFT INSWING; D2: FIXED. TOTAL UNIT R.O. W 5'-4-3/8" H 6'-10-1/2"



WINDOW INTERIOR TRIM

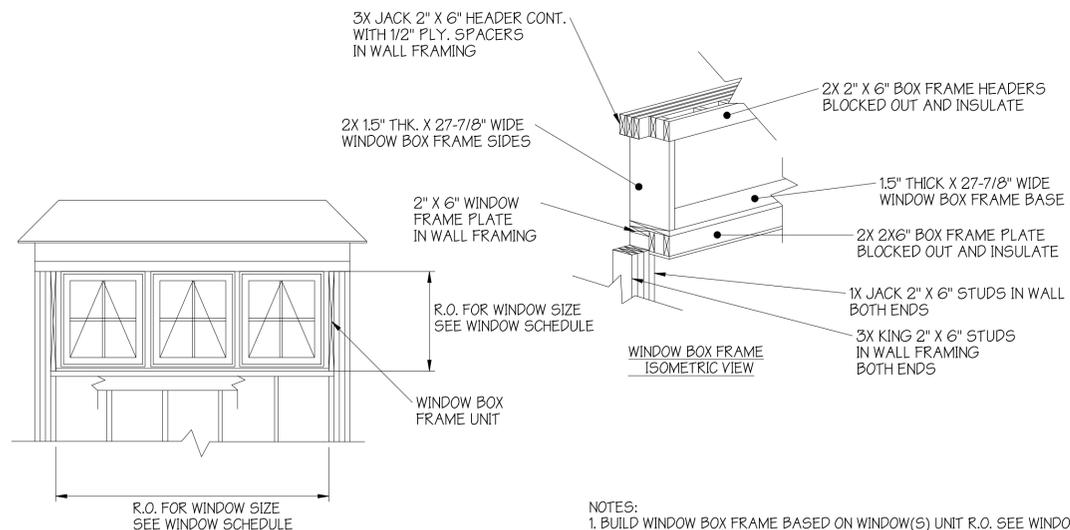
DETAIL

SCALE NONE



STEP OUT WINDOW DETAIL

SCALE 1/2"=1'-0"



NOTES:
 1. BUILD WINDOW BOX FRAME BASED ON WINDOW(S) UNIT R.O. SEE WINDOW SCHEDULE.
 2. BUILD BOX FRAME, INCLUDE FRAME PLATES AND HEADERS AS UNIT.
 3. INSTALL AND SECURE INTO INCREASED R.O. FOR WINDOW BOX FRAME.

WINDOW & DOOR SCHEDULE



NEW HOME FOR:
AMIDON RESIDENCE
 68 UNCLE BARNEYS RD
 WEST DENNIS, MA 02670

NOTE:
 THE PLANS SHOWN ARE THE SOLE PROPERTY OF CUSTOM CRAFTED HOMES. THEY CANNOT BE COPIED, REPRODUCED AND/OR ALTERED WITHOUT THE EXPRESS WRITTEN CONSENT OF CUSTOM CRAFTED HOMES.

SCALE:
 1/4" = 1'-0"
 AT D SIZE

REVISION:
 STAMPED

PROJECT No.:
 2025-AMIDON

DATE:
 27 MAY 2025

SHEET:
 14 of 14

DWG. No.:
D1

Massachusetts Checklist for Compliance (780 CMR 5301.2.1.1)

MAIN USE

Check Compliance

1.1 SCOPE		
Wind Speed (3-sec. gust).....	110 mph	_____
Wind Exposure Category.....	B	_____
1.2 APPLICABILITY		
Number of Stories.....	(Fig 2) <u>2</u> stories ≤ 2 stories	_____
Roof Pitch.....	(Fig 2) <u>6:12:12</u> ≤ 12:12	_____
Mean Roof Height.....	(Fig 2) <u>6-33</u> ft ≤ 33'	_____
Building Width, W.....	(Fig 3) <u>30</u> ft ≤ 80'	_____
Building Length, L.....	(Fig 3) <u>30</u> ft ≤ 80'	_____
Building Aspect Ratio (L/W).....	(Fig 4) <u>1:2.1</u> ≤ 3:1	_____
Nominal Height of Tallest Opening ²	(Fig 4) <u>6-8</u> ≤ 6'8"	_____
1.3 FRAMING CONNECTIONS		
General compliance with framing connections.....	(Table 2).....	_____
2.1 FOUNDATION		
Foundation Walls meeting requirements of 780 CMR 5404.1		
Concrete.....		_____
Concrete Masonry.....		_____
2.2 ANCHORAGE TO FOUNDATION^{1,3}		
5/8" Anchor Bolts imbedded or 5/8" Proprietary Mechanical Anchors as an alternative in concrete only		
Bolt Spacing – general.....	(Table 4).....	_____
Bolt Spacing from end/joint of plate.....	(Fig 5) <u>6-12</u> in. ≤ 6" – 12"	_____
Bolt Embedment – concrete.....	(Fig 5) <u>7</u> in. ≥ 7"	_____
Bolt Embedment – masonry.....	(Fig 5) <u>-</u> in. ≥ 15"	_____
Plate Washer.....	(Fig 5) ≥ 3" x 3" x 1/4"	_____
3.1 FLOORS		
Floor framing member spans checked.....	(per 780 CMR Chapter 55).....	_____
Maximum Floor Opening Dimension.....	(Fig 6) <u>6-12</u> ft ≤ 12' or L/2 or W/2	_____
Full Height Wall Studs at Floor Openings less than 2' from Exterior Wall (Fig 6).....		_____
Maximum Floor Joist Setbacks		
Supporting Loadbearing Walls or Shearwall.....	(Fig 7).....	_____ ft ≤ d
Maximum Cantilevered Floor Joists		
Supporting Loadbearing Walls or Shearwall.....	(Fig 8).....	_____ ft ≤ d
Floor Bracing at Endwalls.....	(Fig 9).....	_____
Floor Sheathing Type.....	(per 780 CMR Chapter 55).....	_____
Floor Sheathing Thickness.....	(per 780 CMR Chapter 55).....	<u>3/4</u> in.
Floor Sheathing Fastening.....	(Table 2) <u>8</u> d nails at <u>6</u> in edge / <u>12</u> in field	_____
4.1 WALLS		
Wall Height		
Loadbearing walls.....	(Fig 10 and Table 5).....	<u>6-10</u> ft ≤ 10'
Non-Loadbearing walls.....	(Fig 10 and Table 5).....	<u>6-18.4</u> ft ≤ 20'
Wall Stud Spacing.....	(Fig 10 and Table 5).....	<u>16</u> in. ≤ 24" o.c.
Wall Story Offsets.....	(Figs 7 & 8).....	_____ ft ≤ d
4.2 EXTERIOR WALLS³		
Wood Studs		
Loadbearing walls.....	(Table 5).....	2x <u>6</u> <u>4-10</u> ft <u>-</u> in.
Non-Loadbearing walls.....	(Table 5).....	2x <u>6-18</u> ft <u>5</u> in.
Gable End Wall Bracing ¹		
Full Height Endwall Studs.....	(Fig 10).....	_____
WSP Attic Floor Length.....	(Fig 11).....	<u>30</u> ft ≥ W/3
Gypsum Ceiling Length (if WSP not used).....	(Fig 11).....	<u>30</u> ft ≥ 0.9W
2 x 4 Continuous Lateral Brace @ 6 ft. o.c.....	(Fig 11).....	_____
Double Top Plate		
Splice Length.....	(Fig 13 and Table 6).....	<u>36</u> in WALL (14)
Splice Connection (no. of 16d common nails).....	(Table 6).....	_____



Michele Cudilo PE
 5/12/25

12025-76

Massachusetts Checklist for Compliance (780 CMR 5301.2.1.1)

Table with columns for item description, reference table, and compliance status. Includes sections for Loadbearing Wall Connections, Non-Loadbearing Wall Connections, Load Bearing Wall Openings, Non-Load Bearing Wall Openings, Exterior Wall Sheathing, and Wall Cladding. Handwritten notes include 'MAIN HSE', 'PER PLAN', and various dimensions like '= 30' and '6-8 <= 6-8"'.

5.1 ROOFS

Table for roof requirements including Roof framing member spans, Roof Overhang, Truss or Rafter Connections at Loadbearing Walls, Ridge Strap Connections, Gable Rake Outlooker, and Truss or Rafter Connections at Non-Loadbearing Walls. Includes handwritten notes like 'MAX. SPAN = 30'', 'SIMASON', and 'LSTAIRS'.

Notes:

- 1. This checklist must be met in its entirety, excluding the specific exception noted in 2, to comply with the requirements of 780 CMR 5301.2.1.1 Item 1. If the checklist is met in its entirety then the following metal straps and hold downs are not required per the WFCM 110 mph Guide:
a. Steel Straps per Figure 5
b. 20 Gage Straps per Figure 11
c. Uplift Straps per Figure 14
d. All Straps per Figure 17
e. Corner Stud Hold Downs per Figure 18a
2. Exception: Opening heights of up to 8 ft. shall be permitted when 5% is added to the percent full-height sheathing requirements shown in Tables 10 and 11.
3. The bottom sill plate in exterior walls shall be a minimum 2 in. nominal thickness. pressure treated #2-grade.

12025-76

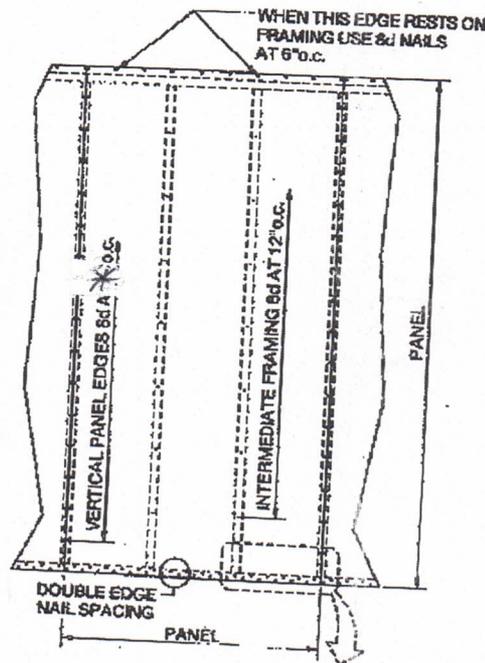
Michele Cudilo PE 5/10/15



AWC Guide to Wood Construction in High Wind Areas: 110 mph Wind Zone Massachusetts Checklist for Compliance (780 CMR 5301.2.1.1)¹

4.

- a. From Tables 10 and 11 and location of wall sheathing and Building Aspect Ratio, determine Percent Full-Height Sheathing and Nail Spacing requirements
- b. Wood Structural Panels shall be minimum thickness of 7/16" and be installed as follows:
 - i. Panels shall be installed with strength axis parallel to studs.
 - ii. All horizontal joints shall occur over and be nailed to framing.
 - iii. On single story construction, panels shall be attached to bottom plates and top member of the double top plate.
 - iv. On two story construction, upper panels shall be attached to the top member of the upper double top plate and to band joist at bottom of panel. Upper attachment of lower panel shall be made to band joist and lower attachment made to lowest plate at first floor framing.
 - v. Horizontal nail spacing at double top plates, band joists, and girders shall be a double row of 8d staggered at 3 inches on center per figures below : Vertical and Horizontal Nailing for Panel Attachment

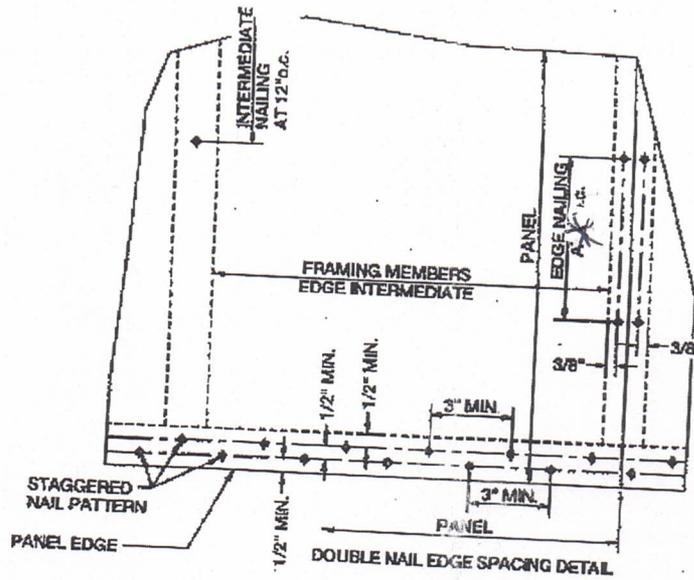


See Detail on Next Page

Vertical and Horizontal Nailing
for Panel Attachment

*PER CODE CK'LIST

9 of 7
**AWC Guide to Wood Construction in High Wind Areas: 110 mph Wind Zone
Massachusetts Checklist for Compliance (780 CMR 5301.2.1.1)¹**



Detail
Vertical and Horizontal Nailing
for Panel Attachment
*PER CODE CK'LIST

FOUNDATIONS

1. All workmanship to conform to the requirements of the Massachusetts State Building Code, latest edition.
2. For site location and grading information, see Site Plan, by others.
3. Assumed net allowable soil bearing capacity, $q = 3000$ psf, for a medium sand/gravel composition. Other soils encountered, contact the Engineer of Record.
4. **Concrete:** Minimum 28 day strength, $f_c = 3000$ psi, 3/4" aggregate, designed per American Concrete Institute Code, latest issue, maximum slump = 4".
 - a.) Anchor bolts ASTM A307 galvanized, min. 5/8" diameter, 12" long, w/ 2-1/2" hook spaced per Code Checklist, or in concrete piers w/ Simpson ABU-series base; SPACED 2' o/c for slab-on-grade construction (i.e. Garage, Basement, etc.).
 - b.) All walls to have min. 2#4 top horizontal, 2" clear, to prevent shrinkage
 - c.) All walls longer than 25' shall have vertical control joint with waterstopping between wall joint.

FRAMING

1. All workmanship to conform to the requirements of the Massachusetts State Building Code, latest edition.
2. **Structural Design Loads:**
 - Dead Loads: Actual Weight of Building Components
 - Live Loads: Snow Load = 30 psf (plus drift) with applicable reduction
 - ATTIC Storage = 20 psf
 - Living Floor = 40 psf
 - Sleeping Floor = 30 psf
 - Decks and Balconies = 40 psf
 - Wind Load : Criteria used for 110 MPH Exposure B or C as noted per plans
3. **Structural Steel:** (as required)
 - a. ASTM A572 Grade 50; shop paint with rust inhibitive paint. Thru-Bolts: ASTM A307, 1/2" diameter; punched holes: 9/16" diameter.
 - b. **Welds:** Shop weld cap and base plates to columns; shop weld bearing plates to beams; use E70xx electrodes. Alternatively, field weld by certified welders.
 - c. Deflection Criteria: L/360 total load deflection.
4. **Timber Framing:**
 - a. All new timber framing: Spruce-Pine-Fir No. 2 with $F_b = 1000$ psi, $E = 1,300,000$ psi, or better.
 - b. Pressure treated timber (P.T.): Southern Pine with $F_b = 1300$ psi, $E = 1,600,000$ psi, or better.
 - c. Laminated Veneer Lumber: All L.V.L. shall be 1.9E L.V.L. with $F_b = 2925$ psi, $E = 1,900$ ksi, $F_v = 285$ psi, $F_{c_per} = 750$ psi, $F_{c_par} = 3035$ psi. Parallam (PSL): All PSL shall be min. 1.9E ES with $F_b = 2900$ psi, $E = 1,900$ ksi, $F_v = 285$ psi, $F_{c_per} = 750$ psi, $F_{c_par} = 2900$ psi. Note that Microllam and Parallam may be used interchangeably.
 1. Deflection Criteria: L/480 Live Load, L/360 Total Load
 2. Optional: Provide shop drawing submittal of engineered lumber systems for approval prior to materials purchasing.
5. **Metal Connectors:**

As manufactured by Simpson Strong-Tie Co. shall be handled and installed per manufacturer requirements, with all nail holes filled, with the size nail as specified by mfg. or herein.

 - a. Rafter to Ridge Beam: Simpson LSSU-series, or Simpson Straps over top of plywood, spaced 16" o/c;
Rafter to Ridge Plate: Collar ties min. 1x6 @ 16" o/c at top or Simpson Straps over top of plywood spaced 16" o/c
 - b. Rafter ends to top plate: Simpson H2.5A
 - c. Band Joist: Simpson straps at 4' o/c: CS-14R-48" centered at band joist
6. **Bolts:**

Bolts in wood framing shall be standard machine bolts unless noted otherwise. Bolt holes in wood shall be 1/32" larger than bolt diameter. Bolt heads and nuts shall bear on standard malleable iron washers, or square plate washers. All nuts shall be retightened at completion of job.
7. **Blocking:**
 - a. Blocking shall be solid blocking, 2x minimum, and full depth of member.
 - b. Stud Walls: provide blocking at 8'-0" o/c, maximum height. Corners to be blocked at 48" o/c with plywood edge nailing to this blocking for the first 48" of these building corners.
 - c. **Nailing Schedule:**
 - Solid Blocking to Bearing 2-8d toenails ea. side
 - Blocking Between Studs 2-10d toenails ea. end, or 2-16d end-nails ea. End
 - d. **New Framing:** Provide 2x blocking for 2 joist/rafter bays and spaced 48" o/c in joist and rafter plane at all edges; attach plywood edges to this blocking
8. **Nailing Schedule:**

All nailing shall be in accordance with the WFCM Table 3.1 unless noted herein specifically.

 - Multiple Studs 16d @ 12" staggered
 - a. All nails shall be common wire nails.
 - b. Sub-bore where; nails tend to split wood.
9. Headers less than 4'-0", use 2-2x6; all others per MA State Building Code.