

VILLAGE AT BRICK KILN, LLC
21 JOSIAH PATH. HOUSE H NEW
FALMOUTH, MA. 02540

SEE SHEET A1 FOR DRAWING INDEX

IF PRINTED ON 11X17, ALL SCALE IS HALF.

CONTRACTOR TO VERIFY ALL DIMENSIONS
AND SETBACKS PRIOR TO CONSTRUCTION

STRUCTURAL ENGINEERING
BY RIVERMOOR ENGINEERING LLC

OWNER:

VILLAGE AT BRICK KILN, LLC
21 JOSIAH PATH. HOUSE H NEW
FALMOUTH, MA. 02540
CELL:
EMAIL:

DESIGNER:

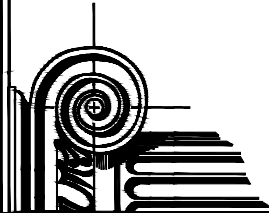
ROCKWOOD DESIGN, INC.
1020 PLAIN STREET - SUITE 320
MARSHFIELD, MA 02050
PHONE: (781)-837-3140
FAX: (781)-837-3126
EMAIL: phil@rockwooddesign.com
WEBSITE: www.rockwooddesign.com

STRUCTURAL
ENGINEER:

PERMIT SET - 6/19/2025

Rockwood
Design, Inc.

1020 Plain Street - Suite 320
Marshfield, MA 02050
Phone: (781)-837-3140
Fax: (781)-837-3126
Email: phil@rockwooddesign.com
Website: www.rockwooddesign.com



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

PLEASE REFER TO ENGINEERING PACKET
FOR ALL STRUCTURAL DETAILS

EXTERIOR DOOR SCHEDULE						
QUANTITY	ID LETTER	MANUFACT.	MODEL	TYPE	ROUGH OPENING	COMMENTS
1	1	BY OWNER	3'-0"X1'-0" W/ 10" SD LGS	HINGED INSWING	SEE SUPPLIER	
1	2	BY OWNER	16'-0"X8'-0"	GARAGE DOOR	SEE SUPPLIER	
1	3	BY OWNER	2'-8"X1'-0"	HINGED INSWING	SEE SUPPLIER	
1	4	ANDERSEN	FWG 60611	GLIDING PATIO DOOR	6'-0" W X 6'-11" H	
TOTAL						
4						

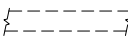
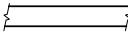
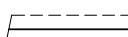
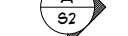
1. ALL FRAMING LUMBER SHALL BE S.P.F. (SPURCE-PINE-FIR) GRADE N/12 OR APPROVED EQUAL (UNLESS OTHERWISE SPECIFIED) AND SHALL MEET THE REQUIREMENTS OF THE AMERICAN FOREST AND PAPER ASSOCIATION. THE MINIMUM ALLOWABLE BENDING STRESS (FB) SHALL BE 875 P.S.I. THE MINIMUM ALLOWABLE COMPRESSION STRESS (FC) SHALL BE 425 P.S.I. THE MINIMUM ALLOWABLE MODULUS OF ELASTICITY (E) SHALL BE 1,400,000 P.S.I. OTHER FRAMING MATERIAL FOR INTERIOR NON-LOAD BEARING STUDS MAY BE SUBSTITUTED ONLY UPON APPROVAL OF THE ENGINEER.
2. ALL PRESSURE TREATED (CCA TREATED) DIMENSIONAL FRAMING LUMBER SHALL BE SOUTHERN YELLOW PINE GRADE NO. 2. THE MINIMUM ALLOWABLE BENDING STRESS (FB) SHALL BE 1,050 P.S.I. THE MINIMUM ALLOWABLE COMPRESSION STRESS (FC) SHALL BE 565 P.S.I. THE MINIMUM ALLOWABLE MODULUS OF ELASTICITY (E) SHALL BE 1,600,000 P.S.I.
3. ALL LVL'S TO BE MANUFACTURED BY TRUS JOIST, GEORGIA PACIFIC OR APPROVED EQUAL. THE MINIMUM ALLOWABLE BENDING STRESS (FB) SHALL BE 2,300 P.S.I. THE MINIMUM ALLOWABLE COMPRESSION STRESS (FC) PERPENDICULAR TO THE GRAIN SHALL BE 150 P.S.I. THE MINIMUM ALLOWABLE MODULUS OF ELASTICITY (E) SHALL BE 2,000,000 P.S.I. ALL PARALAMS EXPOSED TO THE WEATHER SHALL BE PRESSURE TREATED (CCA TREATED). INSTALL MICROLAMS AND PARALAMS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
4. PARALAM (LAM) POSTS SHALL HAVE AN ALLOWABLE COMPRESSION STRESS OF 2300 PSI AND A MODULUS OF ELASTICITY OF 2,000,000.
5. USE 3/4" TONGUE AND GROOVE STRUCTURAL GRADE FIT PLYWOOD FLOOR SHEATHING, 5/8" EXTERIOR STRUCTURAL GRADE FIR (C.D.X) PLYWOOD ROOF SHEATHING AND 1/2" EXTERIOR STRUCTURAL GRADE FIR (C.D.X.) AT WALLS. ALL JOINTS SHALL BE BLOCKED WITH LUMBER OR OTHER APPROVED SUPPORTS.
6. ALL EXTERIOR AND INTERIOR STUD WALLS TO BE 2x4 MINIMUM @ 16" O.C. UNLESS NOTED OTHERWISE.
7. PROVIDE ADEQUATE WALL RESISTANCE TO RAKING BY DIAGONAL CORNER WIND BRACING ANCHORED TO SILL PLATES.
8. PROVIDE SOLID BLOCKING BETWEEN FLOOR JOISTS AND/OR DOUBLE ALL JOISTS UNDER EACH PARTITION.
9. USE FULLY NAILED METAL CONNECTORS (TECO, SIMPSON OR EQUAL) JOIST OR BEAM HANGERS WHEN JOISTS OR BEAMS FRAME INTO OTHER JOISTS OR BEAMS. PROVIDE METAL POST CAPS AND BASES FOR ALL POSTS.
10. FOR NONBEARING ROUGH WINDOW OPENINGS AND INTERIOR DOOR OPENINGS UP TO 3 FEET, USE 2-2x6 HEADER BEAMS. FROM 3 FEET TO 5 FEET, USE 2-2x8 HEADER BEAMS AND FROM 5 FEET TO 1 FEET, USE 2-2x10 HEADER BEAMS AND USE LVL'S FOR SPANS EXCEEDING 1 FEET, EXCEPT AS NOTED OTHERWISE ON THE PLANS OR SPECIFICATIONS. USE TRIPLES FOR 2x6 WALLS. IF LVLS ARE SPECIFIED ON THE PLANS, PROVIDE DOUBLE JACK STUD SUPPORTS OR AS OTHERWISE SPECIFIED ON THE PLAN.
11. ALL FRAMING TO BE INSTALLED IN ACCORDANCE WITH THE MASSACHUSETTS BUILDING CODE REQUIREMENTS AND GENERAL FRAMING PRACTICE AS DETAILED IN THE "ARCHITECTURAL GRAPHICS STANDARDS", BY RAMSEY & SLEEPER.
12. ALL PLYWOOD FLOOR SHEATHING SHALL BE GLUED TO SUPPORTING WOOD FRAMING MEMBERS USING AMERICAN PLYWOOD ASSOCIATION (A.P.A.) GLUED FLOOR SYSTEM. WOOD GLUE TO BE CONTECH, INC. PL400 SUBFLOOR CONSTRUCTION ADHESIVE, OR APPROVED EQUAL.
13. ALL WALL STUDS TO ALIGN WITH FLOOR JOISTS AND ROOF RAFTERS.
14. THE CROSS WALLS AND THE BEAMS ARE TO PROVIDE THE LATERAL RESTRAINT FOR THE BUILDINGS AND SHOULD BE SECURELY ATTACHED AT EACH END AND/OR TO THE EXTERIOR WALLS.
15. BUILT-UP BEAMS (3 PIECES MAXIMUM) USING CONVENTIONAL FRAMING LUMBER SHALL BE FULLY SPIKED TOGETHER WITH 2-10D NAILS AT 8" O.C. AND LVL'S WITH 2-16D NAILS (TOP AND BOTTOM) AT 8" O.C., OR AS OTHERWISE NOTED ON THE DRAWINGS, OR AS RECOMMENDED BY THE MANUFACTURER.
16. ALL NAILS, FASTENERS AND CONCRETE EXPOSED TO THE WEATHER SHALL BE HOT-DIP GALVANIZED.
17. ALL LUMBER THAT COMES IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED.

- FOOTINGS SHALL BEAR LEVEL ON UNDISTURBED SOIL, HAVING AN ALLOWABLE BEARING CAPACITY OF TWO TONS PER SQUARE FOOT.
- BY RIVERMOOR ENGINEERING**
- IF BEARING MATERIALS WITH A LOWER BEARING CAPACITY THAN TWO TONS PER SQUARE FOOT ARE ENCOUNTERED AT THE SPECIFIED ELEVATIONS, THE UNDERLYING UNSUITABLE MATERIAL SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL TO BE APPROVED BY THE ENGINEER/ARCHITECT.
 - THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE VALIDITY OF SUBSURFACE CONDITIONS.
 - NO FOUNDATION SHALL BE PLACED IN WATER OR ON FROZEN GROUND.
 - FOOTINGS SHALL BE PROTECTED AGAINST FROST UNTIL PROJECT IS COMPLETED.
 - BACKFILL UNDER ANY PORTION OF THE FOOTINGS AND SLABS SHALL BE COMPACTED IN 6" LIFTS OF 95% COMPACTED GRAVEL AS APPROVED BY THE ENGINEER.
 - CONCRETE WORK SHALL CONFORM TO THE LATEST AMERICAN CONCRETE INSTITUTE CODE FOR "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" AND "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS".
 - CONCRETE FOUNDATION WALLS AND FOOTINGS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 P.S.I. AT 28 DAYS AND 3,500 P.S.I. FOR SLABS, WITH A SLUMP OF NO MORE THAN 4" AND AIR ENTRAINMENT OF 4-6%. THE USE OF CALCIUM CHLORIDE IS NOT PERMITTED. PROVIDE PROPER CONCRETE PROTECTION FOR HEAT IN COLD WEATHER AND MAINTAIN PROPER CURING PROCEDURES IN ACCORDANCE WITH THE A.C.I.
 - STEEL REINFORCEMENT SHALL CONFORM TO A.S.T.M. 615, GRADE 60.
 - ALL CONCRETE SLABS ON THE GROUND SHALL BE REINFORCED WITH 6x6-10/10 (MIN.) WELDED WIRE FABRIC PLACED AT MID-DEPTH, OR AS OTHERWISE SHOWN ON THE DRAWINGS. WELDED WIRE FABRIC REINFORCEMENT SHALL CONFORM TO A.S.T.M. A185, AND SHALL LAP 6" MINIMUM OR ONE SPACE, WHICHEVER IS LARGER, AND SHALL BE WIRED TOGETHER. PROVIDE SUFFICIENT CHAIR OR SUPPORT BARS AS NECESSARY TO POSITION WELDED WIRE FABRIC.
 - WHERE CONTINUOUS BARS ARE CALLED FOR THEY SHALL BE RUN CONTINUOUSLY AROUND CORNERS AND LAPPED AT NECESSARY SPACES OR HOOKED AT DISCONTINUOUS ENDS. LAPS SHALL BE 40 BAR DIAMETERS, UNLESS OTHERWISE SHOWN.
 - NOTIFY BUILDING DEPARTMENT FOR INSPECTION OF COMPLETED INSTALLATION OF REINFORCEMENT AT LEAST 24 HOURS PRIOR TO SCHEDULED PLACEMENT OF CONCRETE.
 - PLACEMENT OF CONCRETE POURS FOR FOUNDATION WALLS SHOULD HAVE A VERTICAL 2"x4" KEY WITH CONTINUOUS REINFORCING (40 BAR DIAMETER MINIMUM) THRU THE CONSTRUCTION JOINT.
 - ALL REINFORCING BARS SHALL BE COLD BENT IN ACCORDANCE TO THE PROPER RADIUS ESTABLISHED BY THE AMERICAN CONCRETE INSTITUTE. UNDER NO CONDITIONS SHALL HEAT BE APPLIED TO THE BARS TO OBTAIN BENDS.
 - THE USE OF CONTROL JOINTS IN THE SLAB IS RECOMMENDED TO CONTROL CRACKING. SAW CUT TO A DEPTH ONE HALF INCH NOT-TO-EXCEED 10 FEET BY 10 FEET.
 - DAMP PROOF ALL FOUNDATION WALLS BELOW GRADE, OTHER THAN FROST WALLS.

STRUCTURAL ENGINEERING
LEVEL ON UNDISTURBED SOIL HAVING AN ALLOWABLE BEARING CAPACITY OF
BY RIVERMOOR ENGINEERING LLC

S6.1	GENERAL NOTES
S6.2	FOUNDATION PLAN
S6.2	CONCRETE SECTIONS & DETAILS I
S6.3	CONCRETE SECTIONS & DETAILS II
S6.3.1	FIRST FLOOR FRAMING PLAN
S6.3.2	SECOND FLOOR FRAMING PLAN
S6.3.3	CEILING FRAMING PLAN
S6.3.4	ROOF FRAMING PLAN
S6.4.1	FIRST FLOOR WALL BRACING PLAN
S6.4.2	SECOND FLOOR WALL BRACING PLAN
S6.5.1	FRAMING SECTIONS & DETAILS I
S6.5.2	FRAMING SECTIONS & DETAILS II

- 1) USE WFCM FOR ADDITIONAL NOTES AND DETAILS
- 2) ALL NEW FOUNDATION WALLS SHALL BE DAMP PROOFED WITH A BITUMINOUS COATING.
- 3) 6 SQ. FT. OF VENTILATION REQUIRED FOR EVERY 1,500 SQ. FT. OF BASEMENT AREA.
- 4) OPENING FOR UNDER-FLOOR VENTILATION:
1 SQ. FT. OPENING/150 SQ. FT. OF CRAWL SPACE AREA

	DENOTES FOUNDATION WALL TO BE DEMOLISHED
	DENOTES EXISTING FOUNDATION WALL
	DENOTES PROPOSED FOUNDATION WALL ATOP FOOTING
	DENOTES PROPOSED LOW FOUNDATION WALL W/2X6 STUD WALL ATOP
	DENOTES ARCHITECTURAL BUILDING SECTION
	DENOTES DETAIL IN "STRUCTURAL ELEMENTS" BOOKLET BY STRUCTURAL ENGINEER

- 1) USE WFCM FOR ADDITIONAL NOTES AND DETAILS
- 2) ALL FRAMING MEMBERS SHALL BE FASTENED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS AND THE COMMONWEALTH OF MASSACHUSETTS 180 CMR

Legend for floor plan symbols:

- METAL HANGERS
- STEEL BEAM
- LVL BEAM
- ▬ BEARING WALL
- - - BEARING WALL ABOVE
- FRAMING BELOW
- EXISTING FRAMING
- PROPOSED FRAMING
- ⊙ SMOKE DETECTOR
- ⊙ SMOKE/CO2
- ⊙ HEAT SMOKE
- ⊗ BATHROOM FAN/LIGHT

PERMIT SET -6/19/2025

 Rockwood Design, Inc. 1020 Rte. 1A - Suite 320 Norfolk, MA 02050 Phone: (781)-837-3140 Fax: (781)-837-3126 Email: info@rockwooddesign.com Website: www.rockwooddesign.com	PROJECT:	VILLAGE AT BRICK KILN, LLC 21 JOSIAH PATH. HOUSE H NEW FALMOUTH MA, 02540
	DATE	6/19/2015
	DRAWN BY:	
	CHECKED BY:	
	SCALE	A5 SHOWN
		
	TITLE:	NOTES AND LEGENDS
	REVISION	DATE
	DESCRIPTION	



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

ANY DEVIATION FROM THESE PLANS
REQUIRING ROCKWOOD DESIGN INC.
TO ACQUIRE STRUCTURAL REDESIGN FOR
BUILDING DEPARTMENT SIGN-OFFS WILL BE
BILLED TO CLIENT ON AN HOURLY BASIS.

SEE SHEET A1 FOR DRAWING INDEX

IF PRINTED ON 11X17, ALL SCALE IS HALF.

PLEASE REFER TO ENGINEERING PACKET
FOR ALL STRUCTURAL DETAILS

STRUCTURAL ENGINEERING
BY RIVERMOOR ENGINEERING LLC



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

PERMIT SET -6/19/2025

REVISION	DATE	DESCRIPTION

TITLE
ELEVATIONS

PROJECT:
VILLAGE AT BRICK KILN, LLC
21 JOSIAH PATH. HOUSE H NEW
FALMOUTH MA, 02540

Rockwood
Design, Inc.
1020 Plain Street - Suite 320
Marblehead, MA 02050
Phone: (781)-837-3140
Fax: (781)-837-3126
Email: info@rockwooddesign.com
Website: www.rockwooddesign.com



DATE
6/15/2025

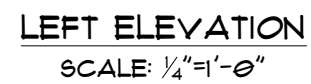
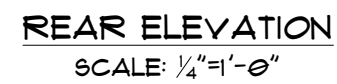
DRAWN BY:

CHECKED BY:

SCALE
AS SHOWN

A2
OF A6

SEE SHEET A1 FOR DRAWING INDEX
IF PRINTED ON 11X17, ALL SCALE IS HALF.
PLEASE REFER TO ENGINEERING PACKET FOR ALL STRUCTURAL DETAILS

[illegible]

PROJECT:
VILLAGE AT BRICK KILN, LLC
21 JOSIAH PATH. HOUSE H NEW
FALMOUTH MA, 02540

**Rockwood
Design, Inc.**
1020 Plain Street – Suite 320
Marshfield, MA 02050
Phone: (781)-837-3140
Fax: (781)-837-3126
Email: dick@rockwooddesign.com
Website: www.rockwooddesign.com



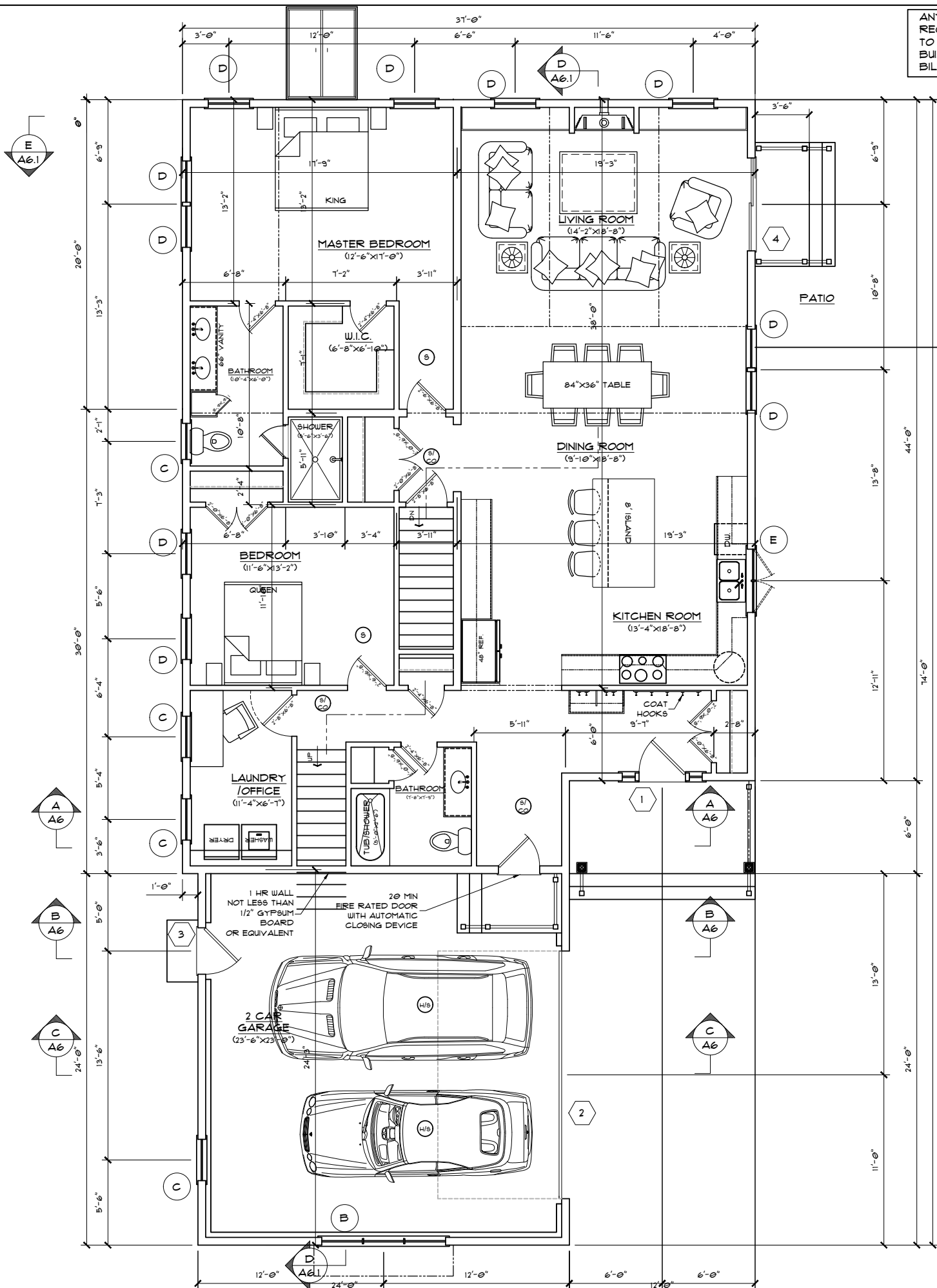
DATE:
6/19/2025

DRAWN BY:

CHECKED BY:

SCALE:
AS SHOWN

A2.1
OF A6



ANY DEVIATION FROM THESE PLANS
REQUIRING ROCKWOOD DESIGN INC.
TO ACQUIRE STRUCTURAL REDESIGN FOR
BUILDING DEPARTMENT SIGN-OFFS WILL BE
BILLED TO CLIENT ON AN HOURLY BASIS.

SEE SHEET A1 FOR DRAWING INDEX

IF PRINTED ON 11X17, ALL SCALE IS HALF.

PLEASE REFER TO ENGINEERING PACKET
FOR ALL STRUCTURAL DETAILS

**STRUCTURAL ENGINEERING
BY RIVERMOOR ENGINEERING LLC**

FIRST FLOOR PLAN
(AREA: 1718 FT²)
SCALE: 1/4"=1'-0"

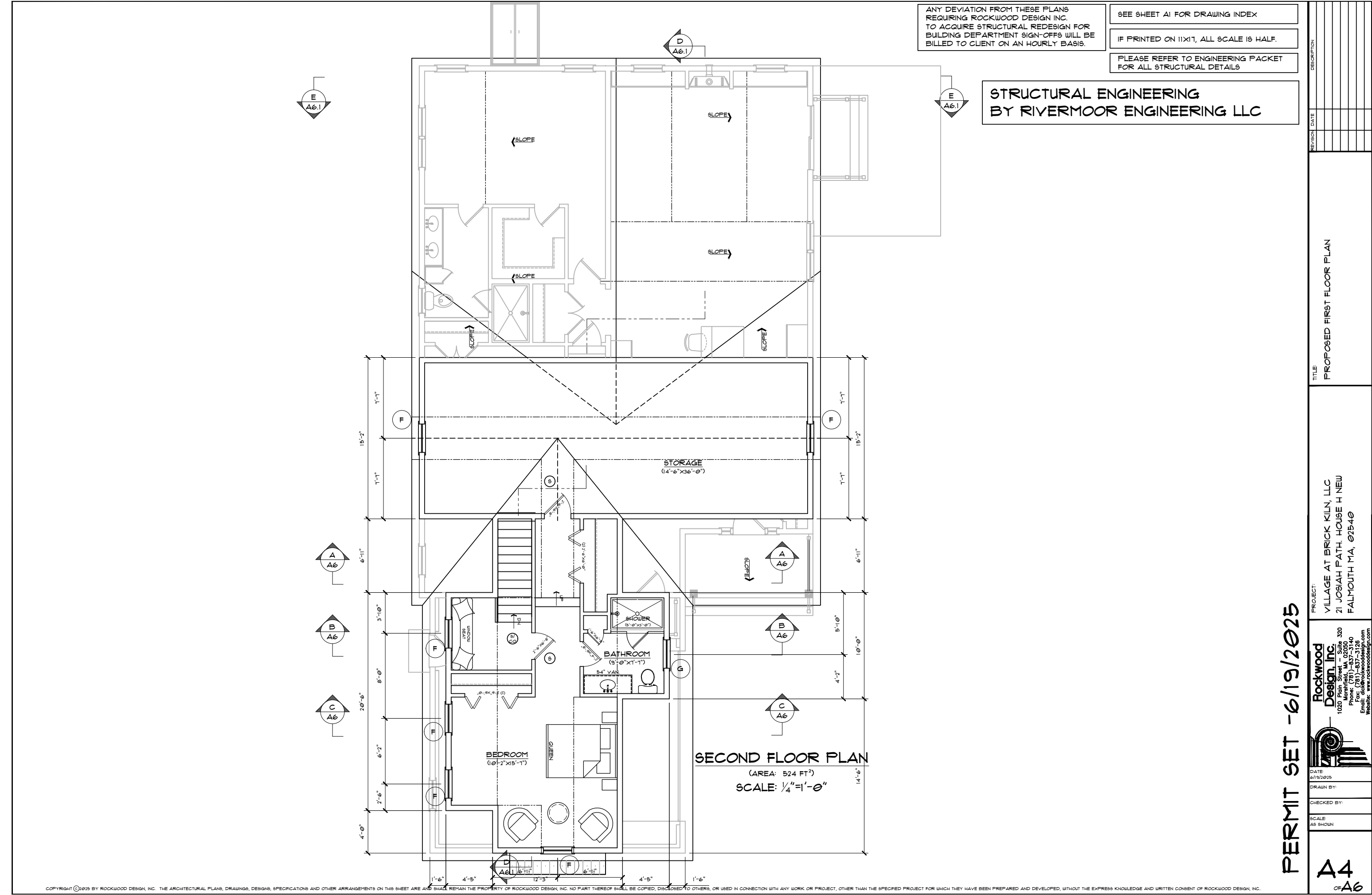
PERMIT SET -6/19/2025

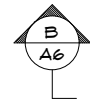
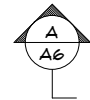
REVISION		DESCRIPTION
NO.	DATE	

PROJECT:	VILLAGE AT BRICK KILN, LLC 21 JOSIAH PATH. HOUSE H NEW FALMOUTH MA, 02540
DATE:	6/15/2025
DRAWN BY:	
CHECKED BY:	
SCALE:	AS SHOWN

**Rockwood
Design, Inc.**
1020 Plain Street - Suite 320
Marblehead, MA 02050
Phone: (781)-837-3140
Fax: (781)-837-3126
Email: info@rockwooddesign.com
Website: www.rockwooddesign.com

A3
OF **A6**





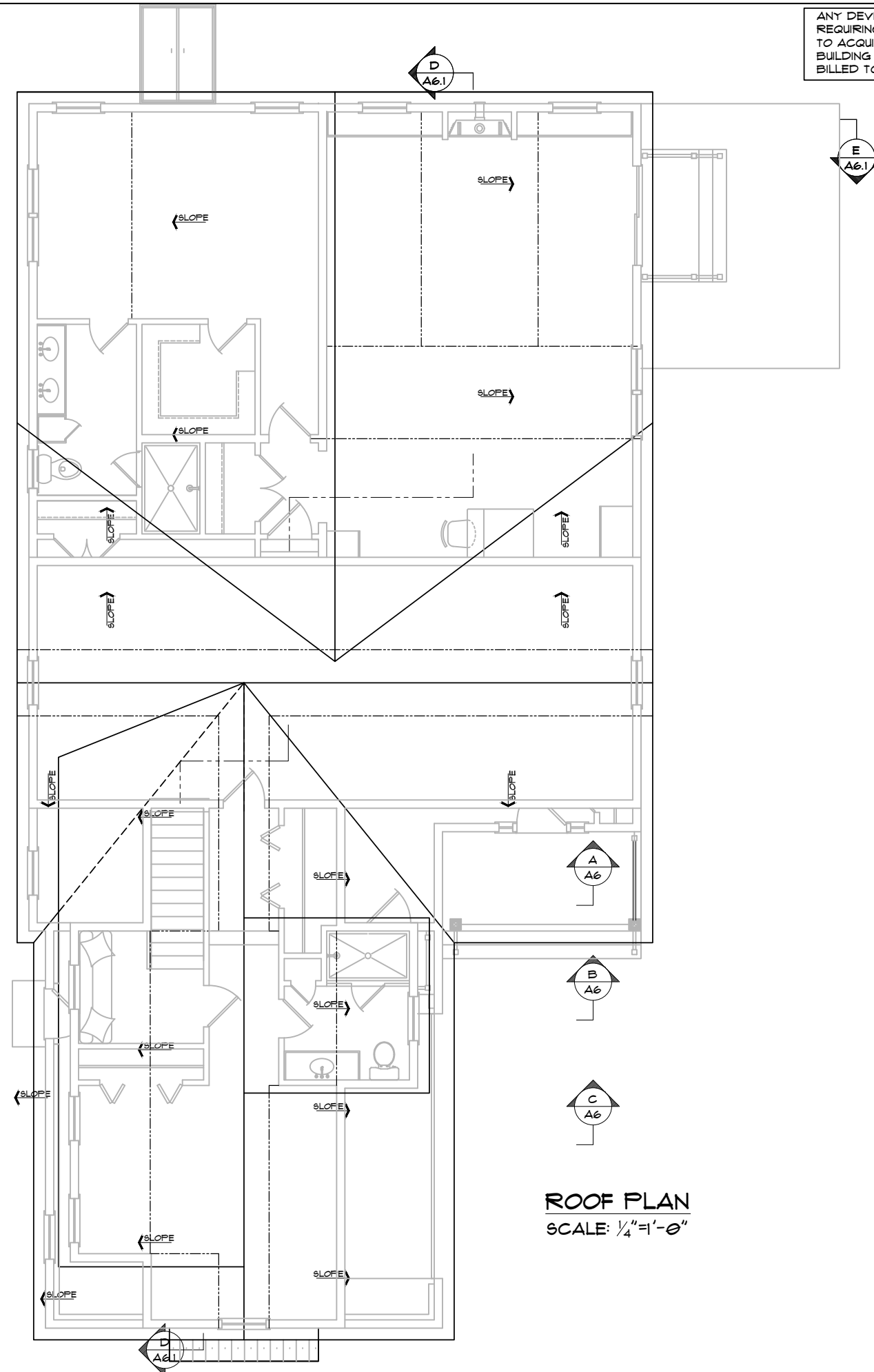
ANY DEVIATION FROM THESE PLANS
REQUIRING ROCKWOOD DESIGN INC.
TO ACQUIRE STRUCTURAL REDESIGN FOR
BUILDING DEPARTMENT SIGN-OFFS WILL BE
BILLED TO CLIENT ON AN HOURLY BASIS.

SEE SHEET AI FOR DRAWING INDEX

IF PRINTED ON 11X17, ALL SCALE IS HALF.

PLEASE REFER TO ENGINEERING PACKET
FOR ALL STRUCTURAL DETAILS

STRUCTURAL ENGINEERING
BY RIVERMOOR ENGINEERING LLC



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

PERMIT SET -6/19/2025

A5
OF A6

TITLE: PROPOSED ROOF PLAN

PROJECT: VILLAGE AT BRICK KILN, LLC
21 JOSIAH PATH. HOUSE H NEW
FALMOUTH MA, 02540

**Rockwood
Design, Inc.**
1020 Plain Street – Suite 320
Marshfield, MA 02050
Phone: (781)-837-3140
Fax: (781)-837-3126
Email: info@rockwooddesign.com
Website: www.rockwooddesign.com

DATE:
6/19/2025

DRAWN BY:

CHECKED BY:

SCALE:
AS SHOWN

DESIGN	REVISION

SEE SHEET AI FOR DRAWING INDEX

IF PRINTED ON 11X17, ALL SCALE IS HALF.

PLEASE REFER TO ENGINEERING PACKET
FOR ALL STRUCTURAL DETAILS

[illegible]

PROJECT: VILLAGE AT BRICK KILN, LLC
21 JOSIAH PATH. HOUSE H NEW
FALMOUTH MA, 02540

A6
OF A6

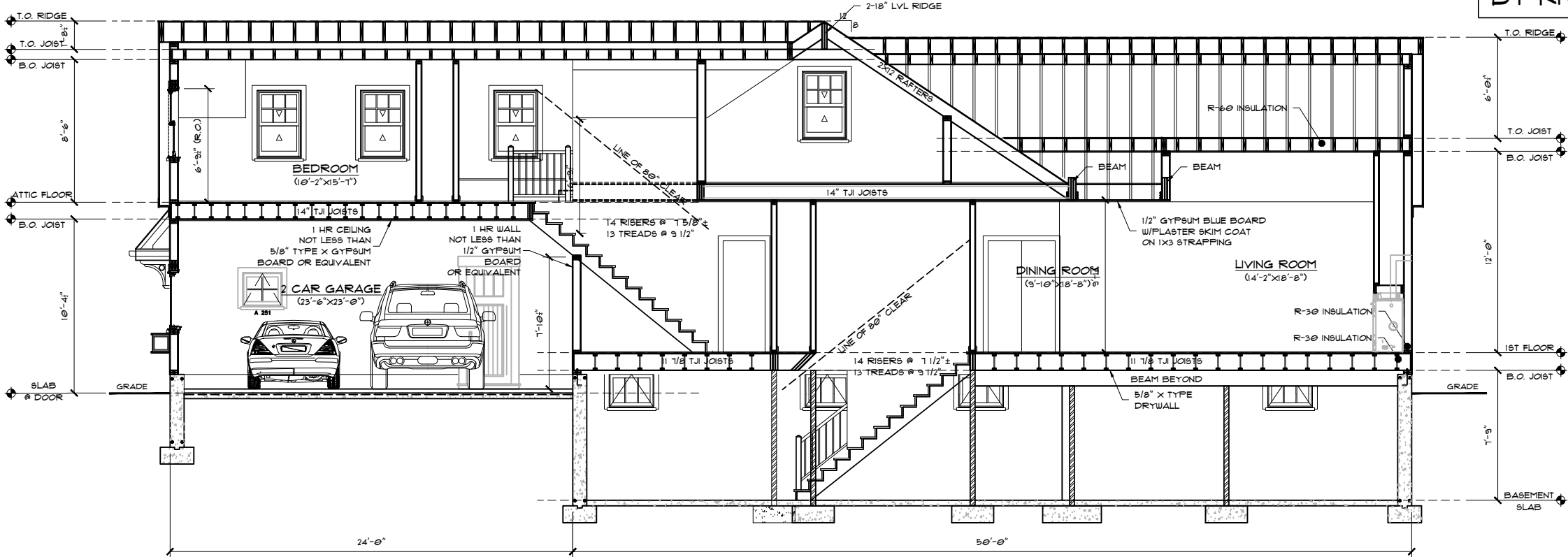
ANY DEVIATION FROM THESE PLANS
REQUIRING ROCKWOOD DESIGN INC.
TO ACQUIRE STRUCTURAL REDESIGN FOR
BUILDING DEPARTMENT SIGN-OFFS WILL BE
BILLED TO CLIENT ON AN HOURLY BASIS.

SEE SHEET A1 FOR DRAWING INDEX

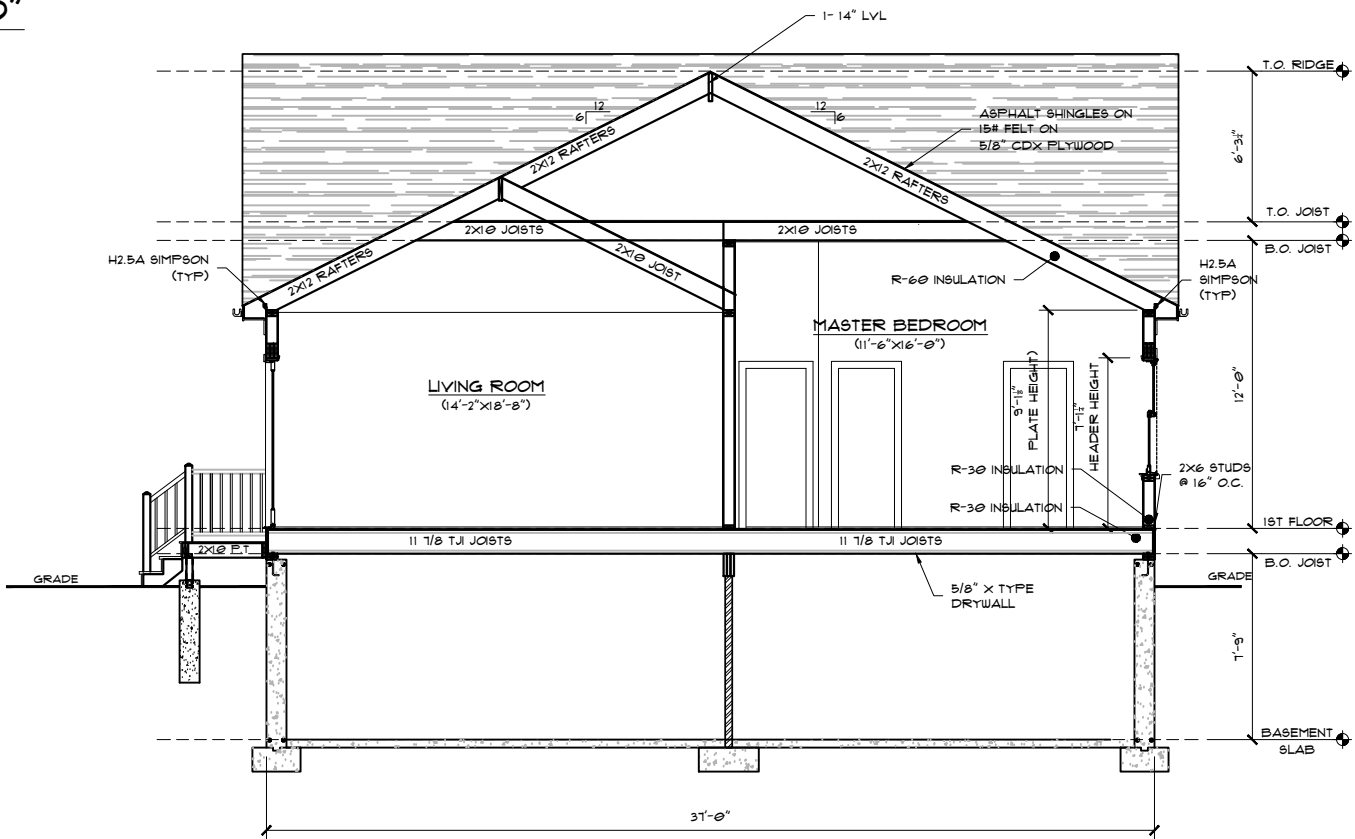
IF PRINTED ON 11X17, ALL SCALE IS HALF.

PLEASE REFER TO ENGINEERING PACKET
FOR ALL STRUCTURAL DETAILS

STRUCTURAL ENGINEERING
BY RIVERMOOR ENGINEERING LLC



BUILDING SECTION "D-D"
SCALE: 1/4"=1'-0"



BUILDING SECTION "E-E"
SCALE: 1/4"=1'-0"

PERMIT SET -6/19/2025

TITLE
BUILDING SECTION "D-D" & "E-E"

PROJECT:
VILLAGE AT BRICK KILN, LLC
21 JOSIAH PATH. HOUSE H NEW
FALMOUTH MA, 02540

Rockwood
Design, Inc.
1020 Plain Street - Suite 320
Marblehead, MA 02050
Phone: (781)-837-3140
Fax: (781)-837-3126
Email: info@rockwooddesign.com
Website: www.rockwooddesign.com



DATE
6/19/2025

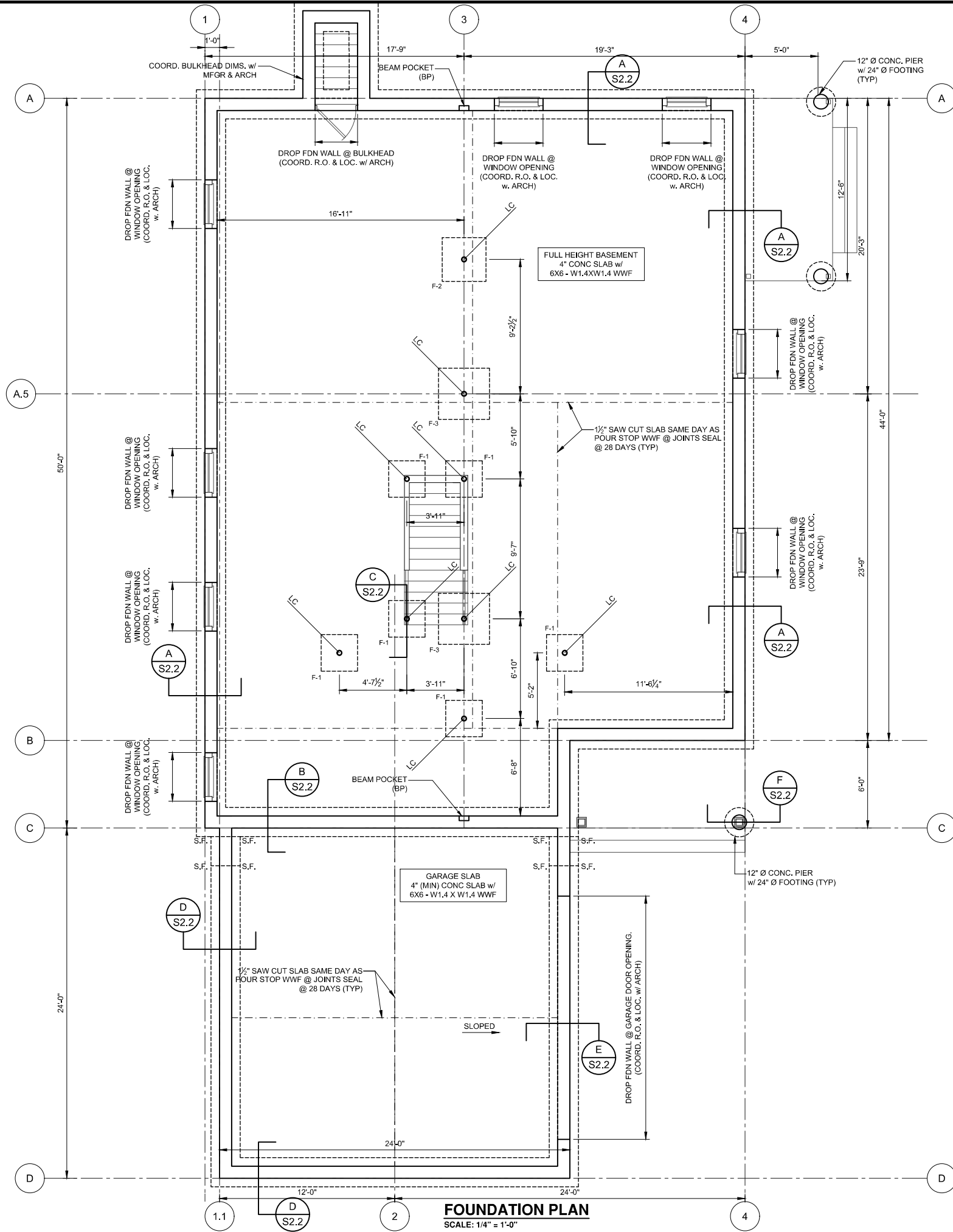
DRAWN BY:

CHECKED BY:

SCALE
AS SHOWN

A6.1
OF A6

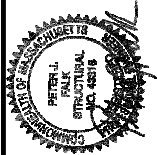
[illegible]



NOTES:

1. FOR GENERAL NOTES SEE S1.1.
2. FINAL DIMENSIONAL CONTROL REMAINS WITH THE ARCHITECT. CONTRACTOR TO COORDINATE WITH FINAL ARCHITECTURAL PLANS.
3. STEEL COLUMNS TO ALIGN WITH CENTERLINE OF BEAM ABOVE AND FIT IN WALL, COORDINATE WITH FINAL ARCHITECTURAL PLANS.
4. LOCATE FOUNDATION ELEMENTS PER APPROVED CIVIL SITE PLANS
5. FOR TOP OF CONCRETE ELEVATIONS REFER TO CIVIL SITE DRAWINGS AND COORDINATE WITH OWNER.
6. COORDINATE LOCATION OF FOOTINGS AND COLUMNS WITH ARCHITECTURAL PLANS SO THAT COLUMNS AND POSTS ALIGN.

FOOTING SCHEDULE		
NO.	SIZE (LENGTH X WIDTH X THK)	REINFORCING
F-1	2'-8" X 2'-8" X 11" (MIN)	(3) #4 BOT EW
F-2	3'-0" X 3'-0" X 11" (MIN)	(4) #4 BOT EW
F-3	3'-6" X 3'-6" X 11" (MIN)	(4) #5 BOT EW



Project Title:
Village at Brick Kiln LLC - H
17 Josiah Path
Falmouth, MA 02540

FOUNDATION PLAN

RIVERMOOR ENGINEERING, LLC
146 FRONT STREET, SUITE 211
SCITUATE, MASSACHUSETTS 02066
TEL: (781) 545-2848
FAX: (781) 544-7729



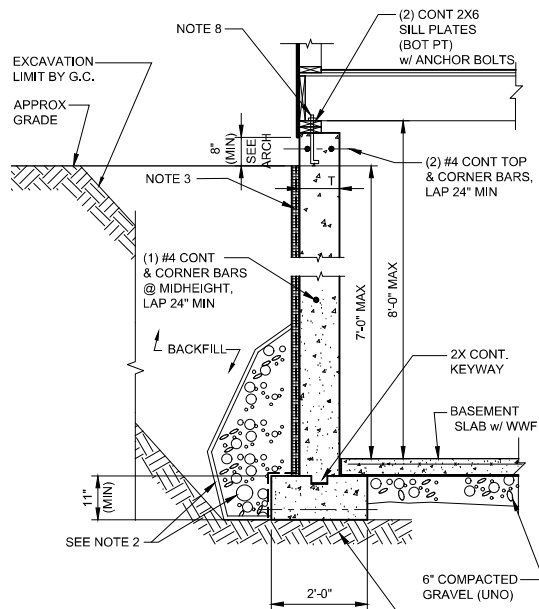
DATE:	1-2-2024
DESIGNED BY:	JVR
DRAWN BY:	JVR
CHECKED BY :	PJF

DRAWING NO.

S2.1

22 - 205

S:\CLIENTS\REA - STRUCTURAL\SOLIMANDO\VILLAGE AT BRICK KILN\ISSUED WITH ADDRESSES\17 JOSIAH PATH LOT 7\STRU

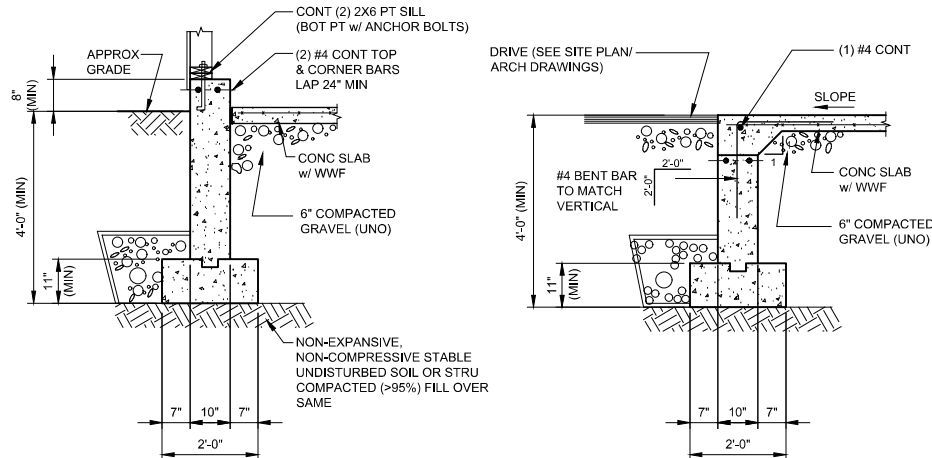


TYPICAL FOUNDATION WALL
SECTION
SCALE : 1/2" = 1'-0"

A
S2.1

- NOTES:
- FOR CONCRETE STRENGTH AND PRESUMPTIVE SOIL BEARING PRESSURE, SEE GENERAL NOTES.
 - FOR BASEMENT FOUNDATION, PROVIDE CONTINUOUS PERIMETER DRAIN AS REQUIRED TO PREVENT ACCUMULATION OF GROUND WATER, SEE CIVIL/ARCH/GEO TECH.
 - SEE ARCHITECTURAL DRAWINGS FOR DAMP/WATER PROOFING, INSULATION, AND PERIMETER DRAIN DETAILS.
 - DO NOT PLACE UNBALANCED BACKFILL ALONG FOUNDATION WALLS UNTIL FLOOR SLAB, SILL ANCHORS, AND FIRST FLOOR FRAMING AND SHEATHING ARE IN PLACE.
 - FOR BASEMENT FOUNDATION, BACKFILL MATERIAL SHALL BE FREE DRAINING SAND AND GRAVEL; COMPACT BACKFILL IN 12" LIFTS; DO NOT USE UNSUITABLE EXCAVATED MATERIAL FOR BACKFILL.
 - IF LEDGE IS ENCOUNTERED ABOVE MINIMUM FROST DEPTH, CONTACT ENGINEER.
 - FOUNDATION WALL THICKNESS "T":
IN-SITU SOIL WALL THICKNESS ("T") 10"
SAND AND GRAVEL SILT AND CLAY "12"
 - *FOR UNBALANCED FILL 7'-0" OR LESS, WALL THICKNESS MAY BE REDUCED TO 10"
 - SILL CONNECTIONS:
ANCHOR BOLTS: SEE GENERAL NOTES & TYP. ANCHOR BOLT DIAGRAM
ANCHOR SPACING: 4'-0" O.C EXCEPT:
6" TO 12" FROM EACH CORNER
6" TO 12" FROM EACH END OF SILL PLATES

BEARING SOIL SHALL BE VERIFIED BY GENERAL CONTRACTOR. SOIL SHALL BE NON-EXPANSIVE, NON-COMPRESSIBLE, STABLED, UNDISTURBED SOIL, OR STRU COMPACTED (>95%) FILL OVER SAME. SEE GENERAL NOTES FOR PRESUMPTIVE SOIL BEARING CAPACITY

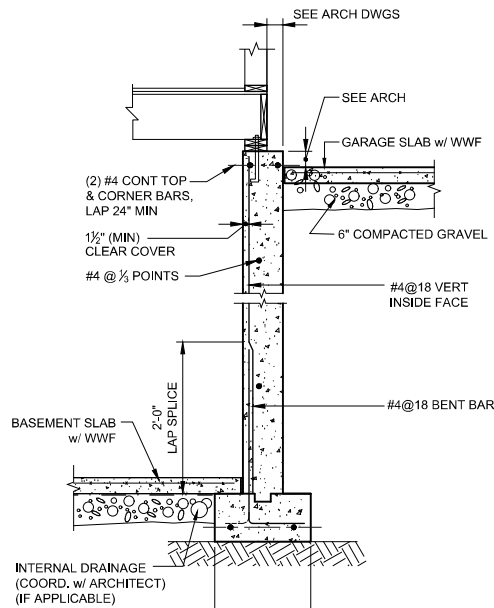


SECTION @ GARAGE WALL
SECTION
SCALE : 1/2" = 1'-0"

D
S2.1

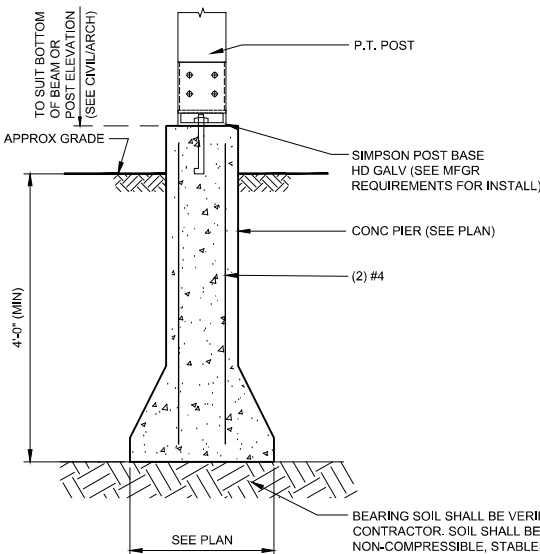
SECTION @ GARAGE DOOR
APPROACH SLAB
SECTION
SCALE : 1/2" = 1'-0"

E
S2.1



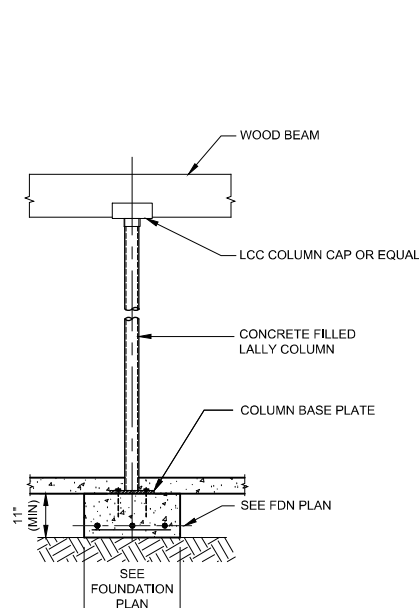
FOUNDATION WALL BETWEEN
GARAGE AND BASEMENT
SECTION
SCALE : 1/2" = 1'-0"

B
S2.1



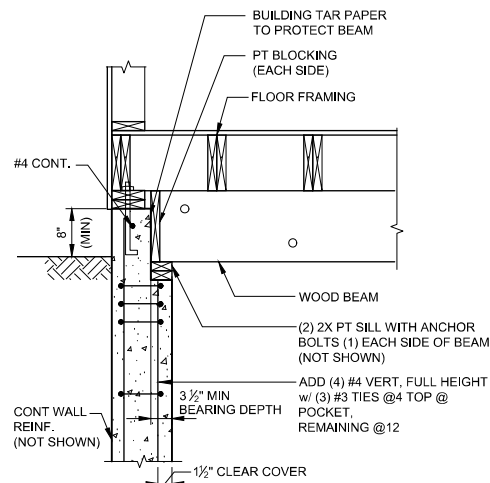
SECTION
SCALE : 3/4" = 1'-0"

F
S2.1



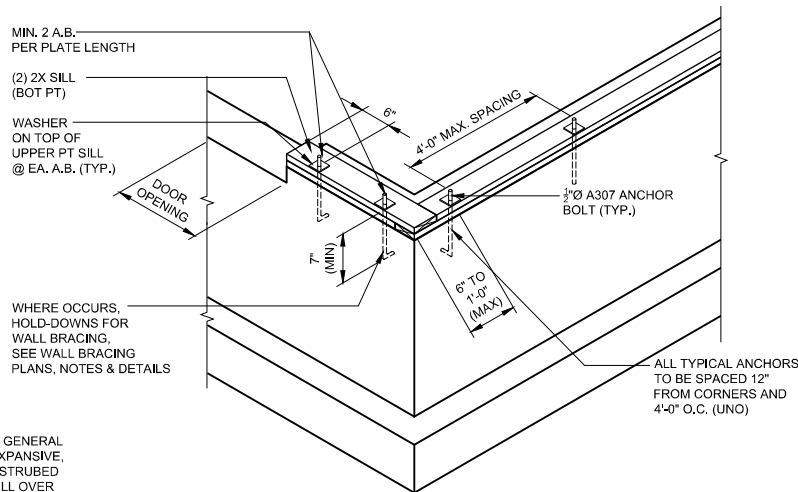
INTERIOR LALLY COLUMN
SECTION
SCALE : NTS

C
S2.1



DROPPED WOOD BEAM POCKET
SECTION
SCALE : 3/4" = 1'-0"

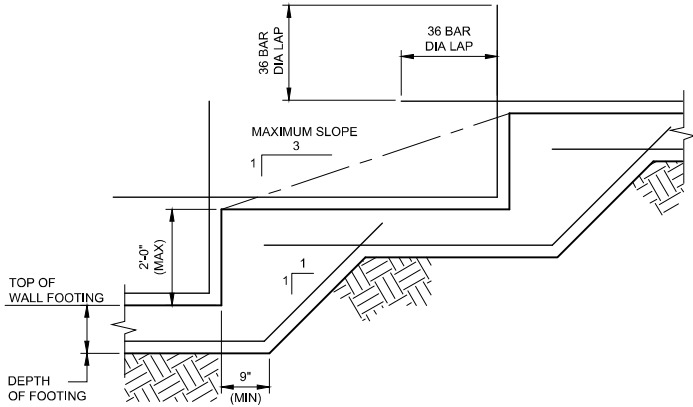
FOR ADDL INFO
SEE SECT A/-



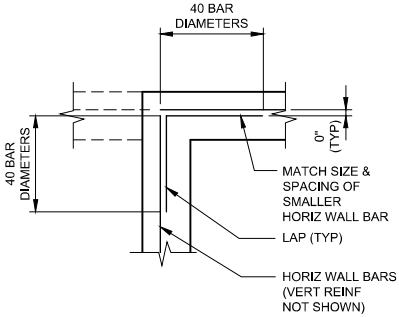
ANCHOR BOLT DIAGRAM
DETAIL
SCALE : NTS

Project Title:				ID	
Village at Brick Kiln LLC - H					
17 Josiah Path					
Falmouth, MA 02540					
CONCRETE SECTIONS & DETAILS I				DESCRIPTION	
RIVERMOOR ENGINEERING, LLC					
146 FRONT STREET, SUITE 211					
SCITUATE, MASSACHUSETTS 02066					
TEL: (781) 545-2848					
FAX: (781) 544-7729					
DATE : 1-2-2024					
DESIGNED BY: JVR					
DRAWN BY: JVR					
CHECKED BY: PJF					
DRAWING NO.					
S2.2					
22 - 205					

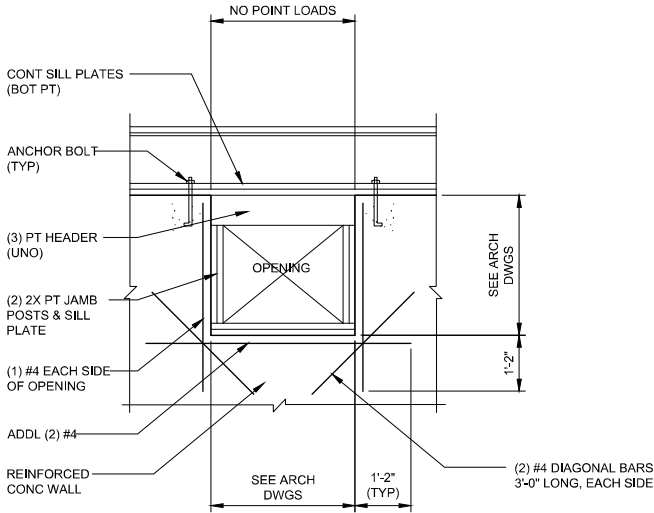
S:\CLIENTS REA - STRUCTURAL\SOLIMANDO\VILLAGE AT BRICK KILN\ISSUED WITH ADDRESSES\17 JOSIAH PATH LOT 7\STRU



STEPPED FOOTING
SECTION
SCALE : NTS



CORNER & INTERSECTION
HORIZONTAL WALL REINFORCEMENT
SCALE : NTS



FOUNDATION WALL OPENING
DETAIL
SCALE : NTS

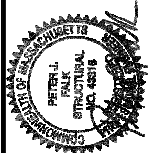
DATE :	1-2-2024
DESIGNED BY:	JVR
DRAWN BY:	JVR
CHECKED BY :	PJF



RIVERMOOR ENGINEERING, LLC
146 FRONT STREET, SUITE 211
SCITUATE, MASSACHUSETTS 02066
TEL: (781) 545-2848
FAX: (781) 544-7729

**CONCRETE SECTIONS
& DETAILS II**

Project Title:
Village at Brick Kiln LLC - H
17 Josiah Path
Falmouth, MA 02540



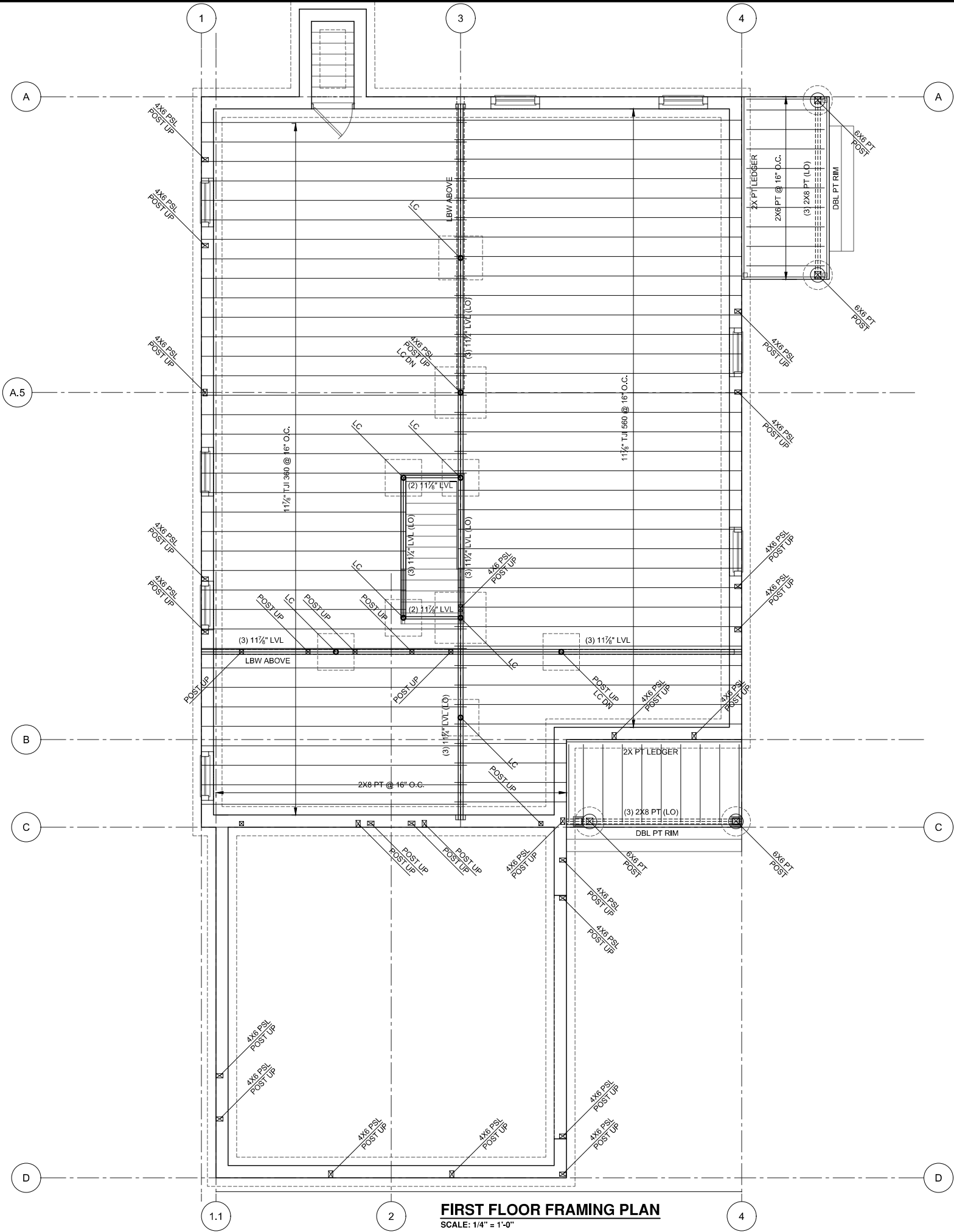
ACTION	DATE	DESCRIPTION	ID

DRAWING NO.

S2.3

22 - 205

S:\CLIENTS REA - STRUCTURAL\SOLIMANDO\VILLAGE AT BRICK KILN\ISSUED WITH ADDRESSES\17 JOSIAH PATH LOT 7\STRU

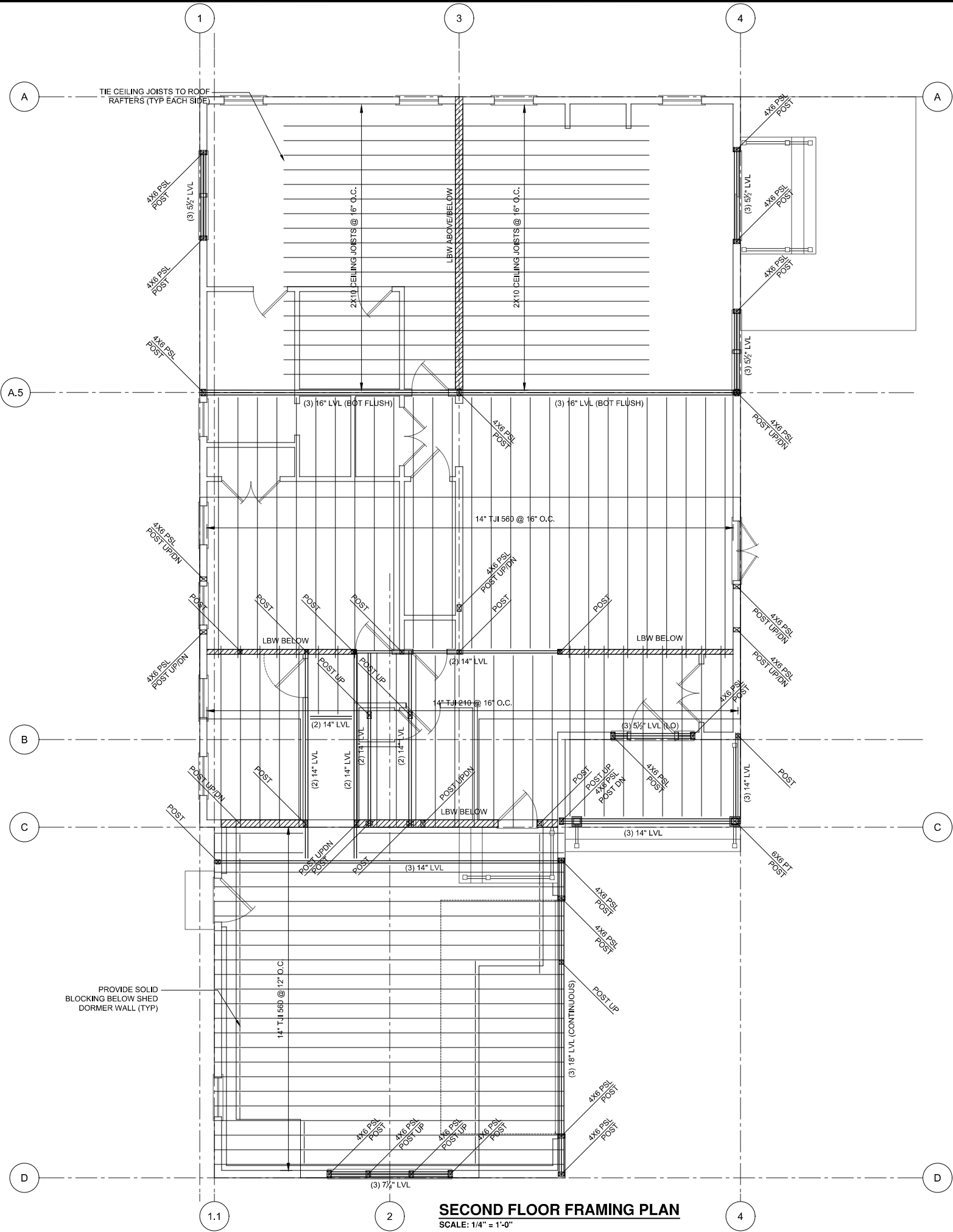


- NOTES:
- FOR GENERAL NOTES SEE S1.1.
 - ALL POSTS SHALL BE: (2) 2X6 BUILT UP (UNO)
 - ALL POST SIZES SHALL BE COORDINATED WITH THE ASSOCIATED BEAM ABOVE.
 - INDICATES BEARING WALL BELOW.
 - ALL FLOOR JOISTS: 11 1/2" TJI 560 @ 16" O.C. (UNO)
 - ALL DECK JOISTS: 2X8 PT @ 16" O.C.
 - ALL DOOR / WINDOW HEADERS 4'-0" OR LESS TO BE: (2) 2X10 IN 2X4 STUD WALLS OR (3) 2X8 IN 2X6 STUD WALLS, UNLESS OTHERWISE NOTED.
 - REFER TO SIMPSON DECK CONNECTION AND FASTENING GUIDE FOR CODE COMPLIANT INSTALLATION.
 - FLOOR JOISTS MAY REQUIRE STRENGTHENING WITHIN LIMITS OF HEAVY COUNTERTOPS / FINISHES. COORDINATE WITH THE ENGINEER.
 - ALL POSTS SHALL BEAR DIRECTLY ON SILL / FOUNDATION WALLS OR BEAMS SHALL OR PROVIDE SOLID BLOCKING & SIMPSON CONNECTORS AS REQUIRED.
 - COORDINATE ALL FIRE CODE / FIRE COVERINGS WITH THE ARCHITECT.

DATE : 1-2-2024		DESIGNED BY: JVR		DRAWN BY: JVR		CHECKED BY : PJF	
DRAWING NO.							
S3.1							
22 - 205							

RIVERMOOR ENGINEERING, LLC 146 FRONT STREET, SUITE 211 SCITUATE, MASSACHUSETTS 02066 TEL: (781) 545-2848 FAX: (781) 544-7729		Project Title: Village at Brick Kiln LLC - H 17 Josiah Path Falmouth, MA 02540		FIRST FLOOR FRAMING PLAN		RIVERMOOR	
STATE OF MASSACHUSETTS REGISTERED PROFESSIONAL STRUCTURAL ENGINEER PETER J. RIVERMOOR LICENSE NO. 10615		ACTION		DATE		DESCRIPTION	
						ID	

S:\CLIENTS REA - STRUCTURAL\SOLIMANDO\VILLAGE AT BRICK KILN\ISSUED WITH ADDRESSES\17 JOSIAH PATH LOT 7\STRU



- NOTES:
1. FOR GENERAL NOTES SEE S1.1.
 2. ALL POSTS SHALL BE: (2) 2X6 BUILT UP (UNO)
 3. ALL POST SIZES SHALL BE COORDINATED WITH THE ASSOCIATED BEAM ABOVE.
 4.  INDICATES BEARING WALL BELOW.
 5. ALL FLOOR JOISTS: 14" TJI 560 @ 12" O.C. (UNO)
 6. ALL WINDOW HEADERS 4'-0" OR LESS TO BE (2) 2X10 IN 2X4 STUD WALLS OR (3) 2X8 IN 2X6 STUD WALLS, UNLESS OTHERWISE NOTED.



Project Title:
Village at Brick Kiln LLC - H
17 Josiah Path
Falmouth, MA 02540

SECOND FLOOR
FRAMING PLAN

RIVERMOOR ENGINEERING, LLC
146 FRONT STREET, SUITE 211
SCITUATE, MASSACHUSETTS 02066
TEL: (781) 545-2848
FAX: (781) 544-7729



DATE : 1-2-2024
DESIGNED BY: JVR
DRAWN BY: JVR
CHECKED BY: PJF

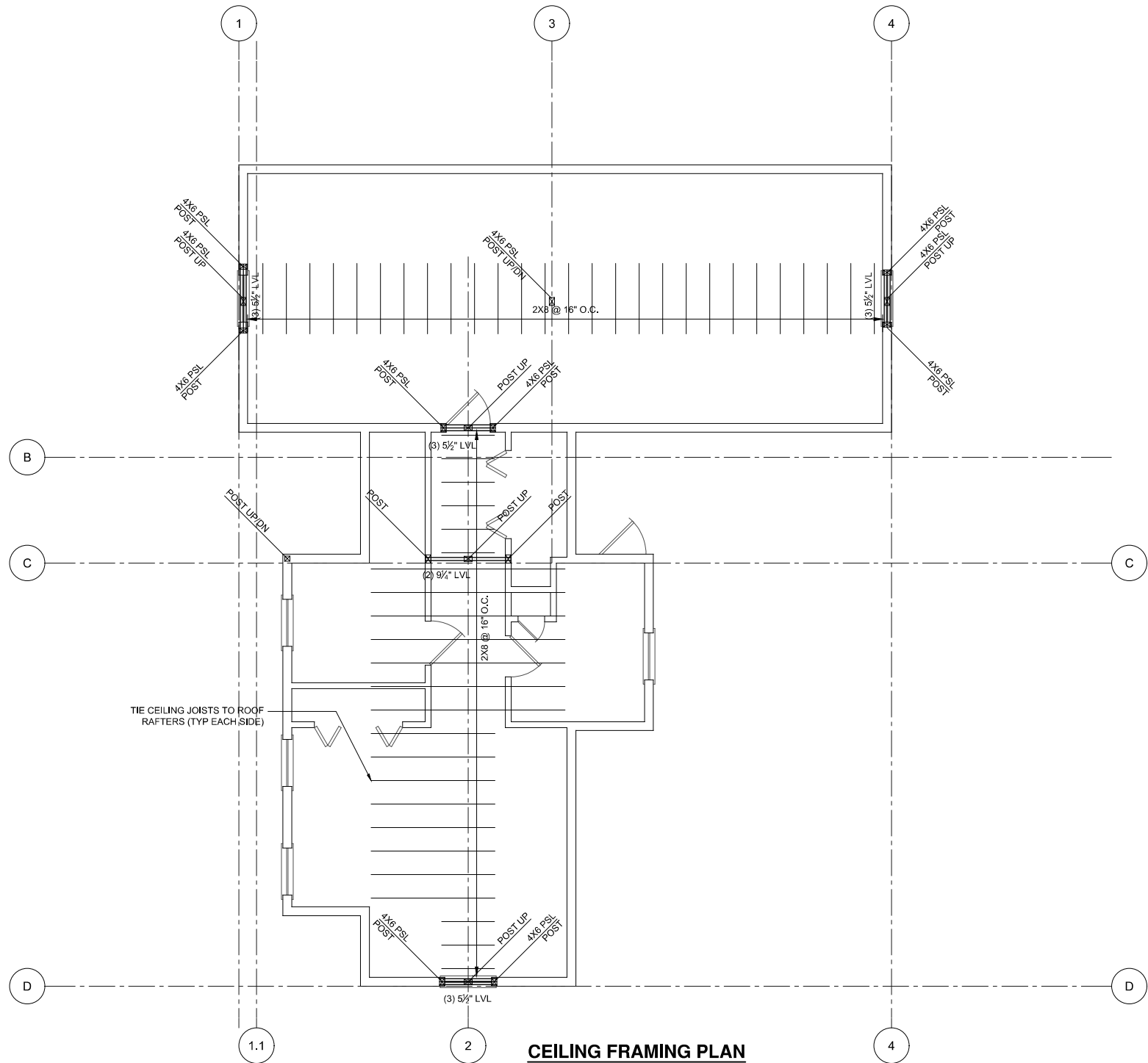
DRAWING NO.

S3.2

22 - 205

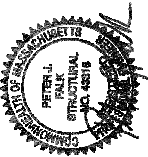
ID	DESCRIPTION	DATE	ACTION

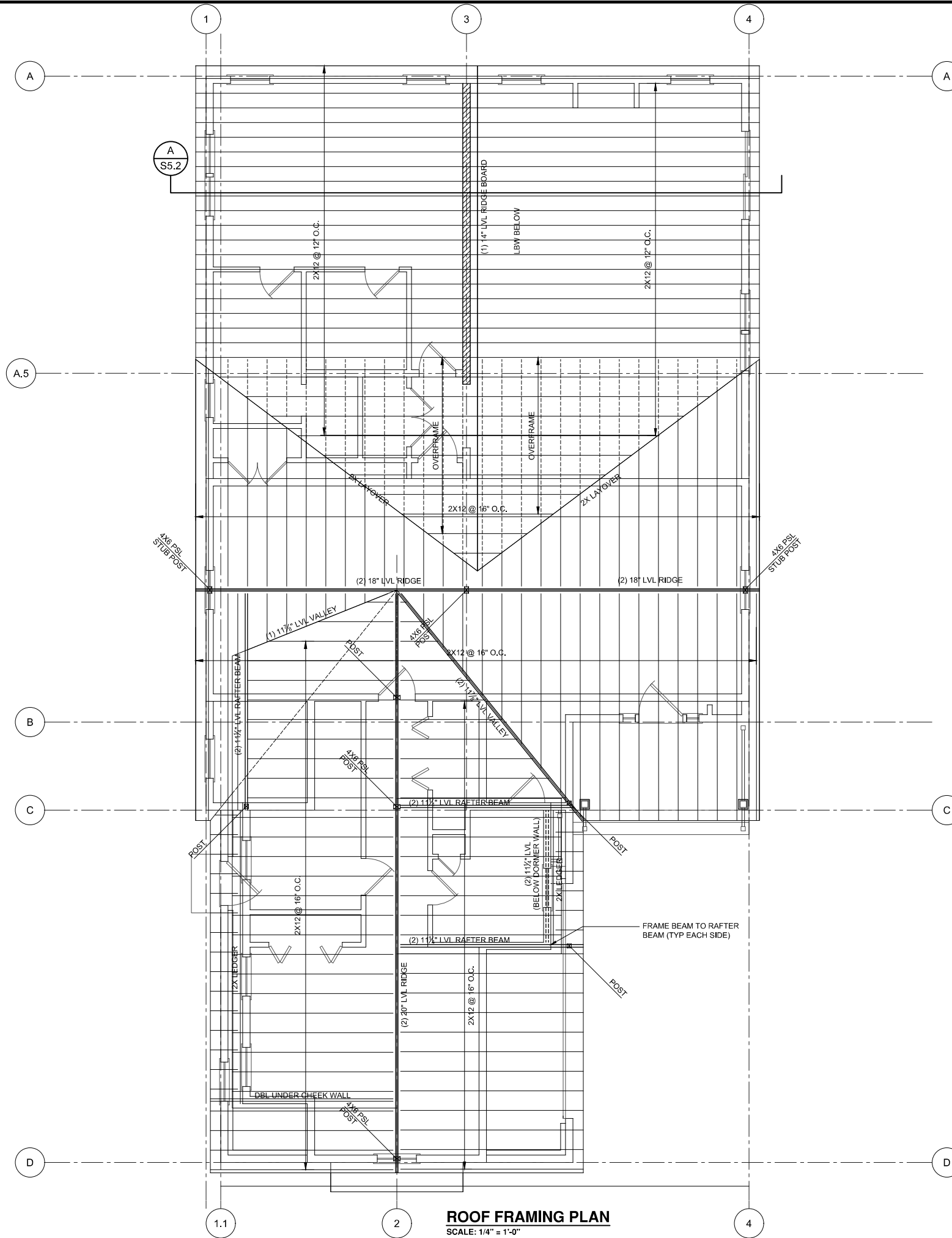
S:\CLIENTS REA - STRUCTURAL\SOLIMANDO\VILLAGE AT BRICK KILN\ISSUED WITH ADDRESSES\17 JOSIAH PATH LOT 7\STRU



CEILING FRAMING PLAN
SCALE: 1/4" = 1'-0"

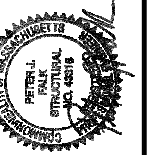
- NOTES:
- FOR GENERAL NOTES SEE S1.1.
 - ALL POSTS SHALL BE: (2) 2X6 BUILT UP (UNO)
 - ALL POST SIZES SHALL BE COORDINATED WITH THE ASSOCIATED BEAM ABOVE.
 - INDICATES BEARING WALL BELOW.
 - ALL CEILING JOISTS: 2X10 @16" O.C.
 - ALL WINDOW HEADERS 4'-0" OR LESS TO BE (2) 2X10 IN 2X4 STUD WALLS OR (3) 2X8 IN 2X6 STUD WALLS, UNLESS OTHERWISE NOTED.

DATE : 1-2-2024		DESIGNED BY: JVR		DRAWN BY: JVR		CHECKED BY : PJF		DRAWING NO.		22 - 205							
RIVERMOOR ENGINEERING, LLC 146 FRONT STREET, SUITE 211 SCITUATE, MASSACHUSETTS 02066 TEL: (781) 545-2848 FAX: (781) 544-7729				 RIVERMOOR				CEILING FRAMING PLAN									
Project Title: Village at Brick Kiln LLC - H 17 Josiah Path Falmouth, MA 02540								ACTION									
								DATE		DESCRIPTION							
										ID							



NOTES:

1. FOR GENERAL NOTES SEE §1.1.
2. ALL POSTS SHALL BE: (2) 2X6 BUILT UP (UNO)
3. ALL POST SIZES SHALL BE COORDINATED WITH THE ASSOCIATED BEAM ABOVE.
4. ALL RAFTERS: 2X12 @16" O.C. (UNO)
5. ALL WINDOW HEADERS 4'-0" OR LESS TO BE (2) 2X10 IN 2X4 STUD WALLS OR (3) 2X8 IN 2X6 STUD WALLS, UNLESS OTHERWISE NOTED.
6. RAFTER SIZE IS MINIMUM ALLOWABLE FOR STRUCTURAL DESIGN. MAY REQUIRE UPSIZING FOR INSULATION REQUIREMENTS. COORDINATE w/ THE ARCHITECT.



Project title:
Village at Brick Kiln LLC - H
17 Josiah Path
Falmouth, MA 02540

ROOF FRAMING PLAN

HIVEHMOOH ENGINEERING, LLC
146 FRONT STREET, SUITE 211
SCITUATE, MASSACHUSETTS 02066
TEL: (781) 545-2848
FAX: (781) 544-7729

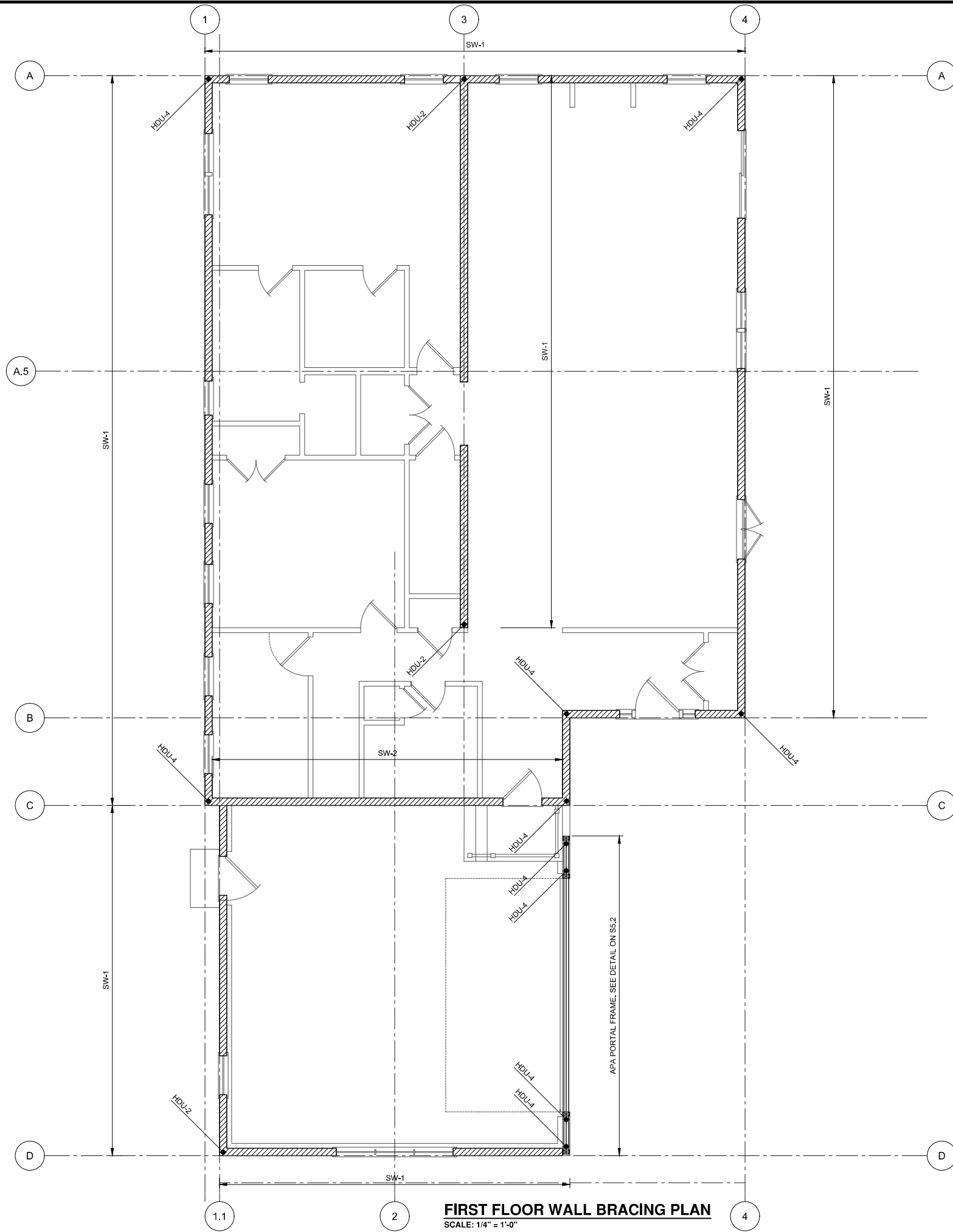


1-2-2024
DESIGNED BY
JVR
DRAWN BY:
JVR
CHECKED BY
PJF

DRAWING NO.

S3.4

22 - 205



FIRST FLOOR WALL BRACING PLAN

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

WALL BRACING NOTES:

1. ALL EXTERIOR WALLS, INCLUDING THOSE NOT IDENTIFIED AS WALL BRACING PANELS, SHALL BE CONTINUOUSLY SHEATHED WITH PLYWOOD PANELS AS SPECIFIED IN THE GENERAL NOTES.
2.  INDICATES LIMITS OF WALL BRACING PANELS (SHEAR WALLS) WITH HOLD-DOWN ASSEMBLIES AND LOCATIONS AS INDICATED
3. 1ST FLOOR HOLD-DOWNS ABOVE FOUNDATION WALLS SHALL CONNECT THE BOTTOM OF 1ST FLOOR BUILT-UP STUDS TO THE TOP OF THE FOUNDATION WALL VIA THE INDICATED HOLD-DOWNS AND ANCHOR BOLT ASSEMBLIES
4. 1ST FLOOR HOLD-DOWNS ABOVE INTERIOR BEAMS SHALL CONNECT THE BOTTOM OF 1ST FLOOR BUILT-UP STUDS TO THE FLOOR BEAMS USING THE INDICATED HOLD-DOWN AND BEAM ANCHORAGE DETAIL
5. PROVIDE STUDS AND/OR FULL-DEPTH BLOCKING ALONG ALL VERTICAL AND HORIZONTAL PLYWOOD EDGES AT ALL WALL BRACING PANELS
6. AT SPECIFIED HOLD-DOWN LOCATIONS, PROVIDE THE MINIMUM NUMBER OF FULL-HEIGHT STUDS OR EQUIVALENT PSL AS SCHEDULED BELOW
7. AT SPECIFIED HOLD-DOWN LOCATIONS, THE THREADED ROD SIZE FOR CONNECTIONS BETWEEN HOLD-DOWNS SHALL BE AS SCHEDULED BELOW
8. ALL WALL BRACING PANELS SHALL BE CONTINUOUSLY SHEATHED ON BOTH THE INTERIOR FACE OR TWO (INTERIOR AND EXTERIOR) FACES AS SCHEDULED BELOW. PLYWOOD EDGES SHALL BE STAGGERED AT TWO-SIDED INSTALLATIONS
9. GYPSUM WALL BOARD (GWB) SHALL BE CONTINUOUSLY SHEATHED AND STAGGERED, ON 2X STUDS AT 16" OC MAXIMUM SPACING, FASTEN GWB IN ACCORDANCE WITH WALL BRACING SCHEDULE BELOW. SEE ARCHITECTURAL DRAWINGS FOR GWB TYPE AND THICKNESS PER SCHEDULE ($\frac{5}{8}$ " MINIMUM).
10. ALL WALL BRACING PANELS SHALL BE EDGE NAILED PER THE SCHEDULE BELOW
11. REFER TO SIMPSON CATALOG FOR ADDITIONAL INSTALLATION DETAILS AND REQUIREMENTS

SHEATHING SCHEDULE:

WALL TYPE	SHEATHING	EDGE FASTENER SPACING
SW-1	ONE FACE	6" OC
SW-2	ONE FACE	4" OC
SW-3	TWO FACES	6" OC
SW-4	TWO FACES	4" OC

HOLD-DOWN FULL-HEIGHT STUDS AND CONNECTING RODS

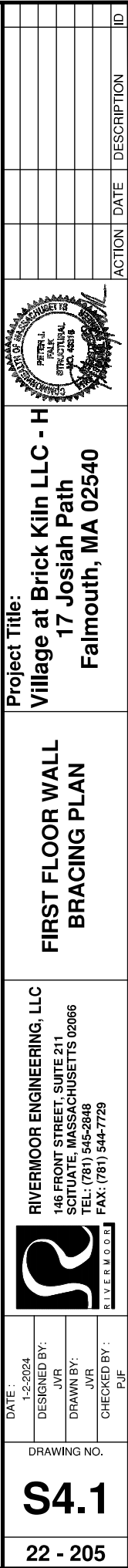
HOLD-DOWN	FULL-HEIGHT STUDS (MIN)	THREADED ROD DIA
HDU2-SDS2.5	2	5/8"
HDU4-SDS2.5	2	5/8"

CAST-IN HOLD-DOWN ANCHOR BOLTS

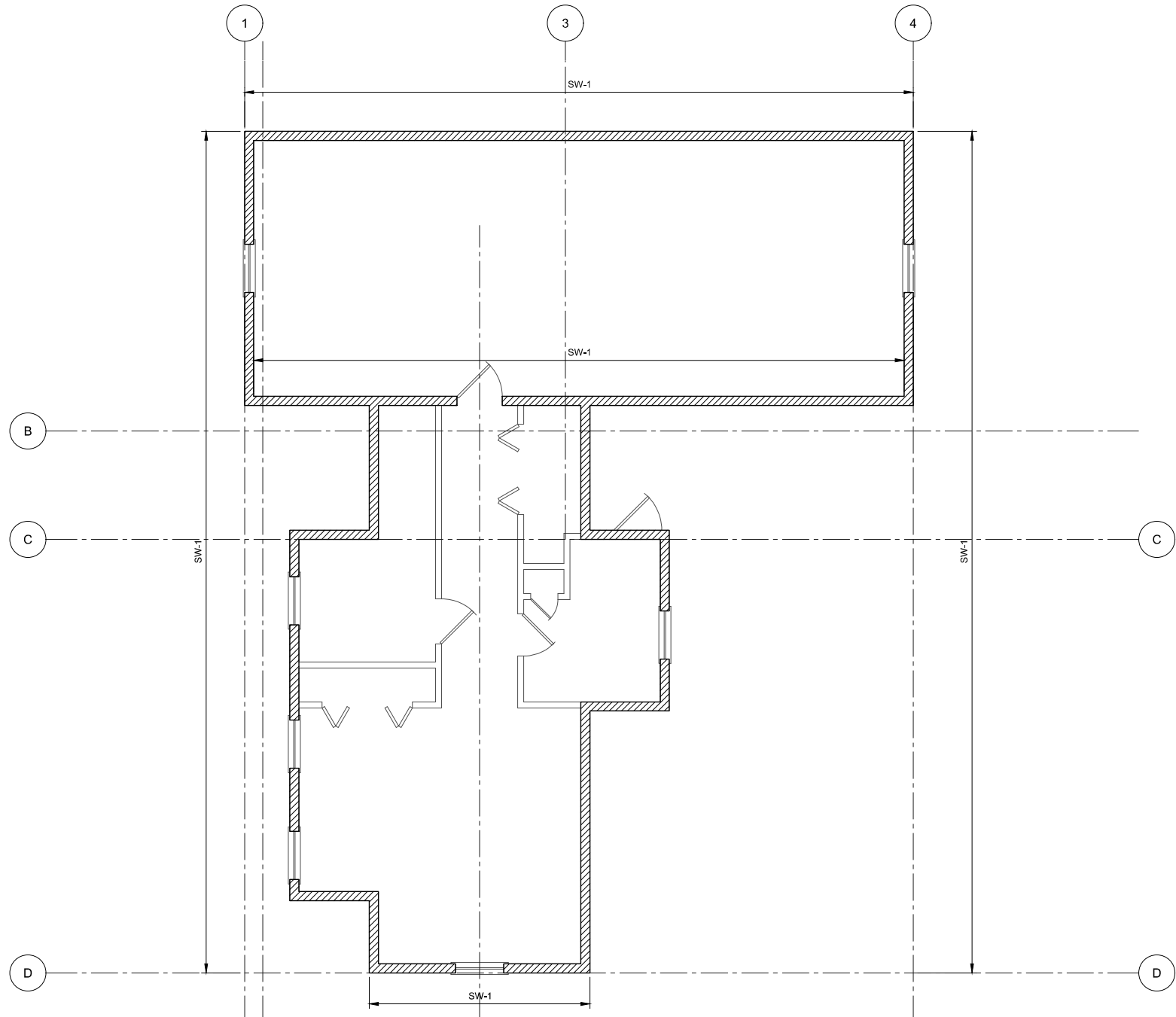
HOLD-DOWN	ANCHOR (MIN EMBEDMENT)
HDU2-SDS2.5	SSTB16 (12")
HDU4-SDS2.5	SSTB16 (12")

DRILLED-IN HOLD-DOWN ANCHOR BOLTS

HOLD-DOWN	ANCHOR (MIN EMBEDMENT)
HDU2-SDS2.5	1/2" DIA SET EPOXY (5")
HDU4-SDS2.5	5/8" DIA SET EPOXY (10")



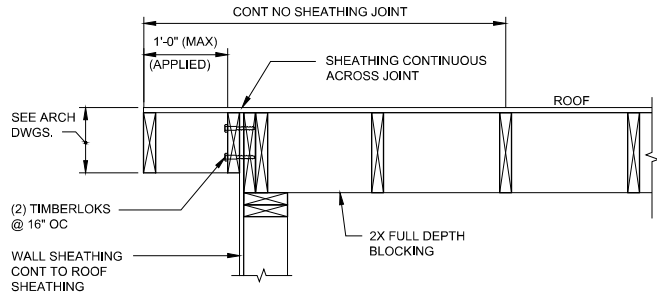
S:\CLIENTS REA - STRUCTURAL\SOLIMANDO\VILLAGE AT BRICK KILN\ISSUED WITH ADDRESSES\17 JOSIAH PATH LOT 7\STRU



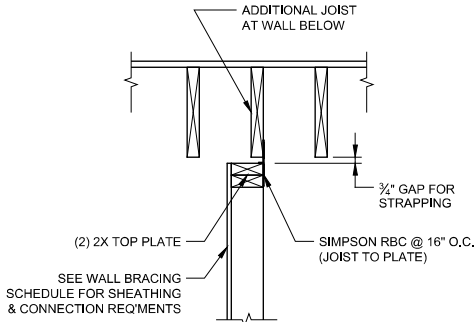
SECOND FLOOR WALL BRACING PLAN
SCALE: 1/4" = 1'-0"

22 - 205				S4.2		DRAWING NO.		CHECKED BY : PJF		DRAWN BY: JVR		DESIGNED BY: JVR		DATE : 1-2-2024		 RIVERMOOR		RIVERMOOR ENGINEERING, LLC 146 FRONT STREET, SUITE 211 SCITUATE, MASSACHUSETTS 02066 TEL: (781) 545-2848 FAX: (781) 544-7729		SECOND FLOOR WALL BRACING PLAN		Project Title: Village at Brick Kiln LLC - H 17 Josiah Path Falmouth, MA 02540																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
----------	--	--	--	------	--	-------------	--	---------------------	--	------------------	--	---------------------	--	--------------------	--	--	--	--	--	-----------------------------------	--	---	--	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

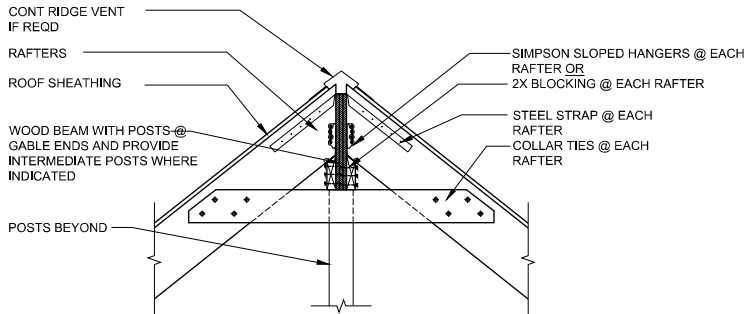
S:\CLIENTS REA - STRUCTURAL\SOLIMANDO\VILLAGE AT BRICK KILN\ISSUED WITH ADDRESSES\17 JOSIAH PATH LOT 7\STRU



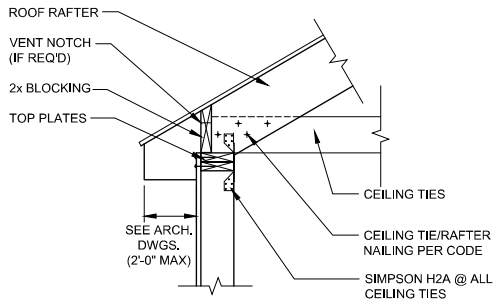
TYPICAL GABLE WALL RAKE
SECTION
SCALE : NTS



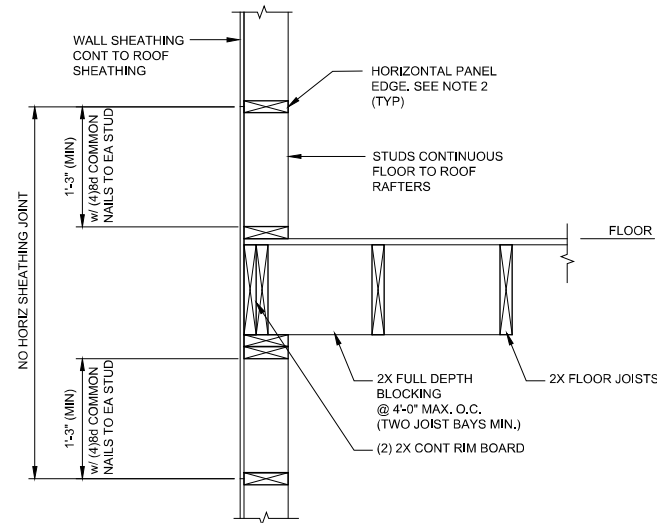
TYPICAL INTERIOR SHEAR WALL
PARALLEL TO JOISTS



TYPICAL RIDGE
SECTION
SCALE : NTS

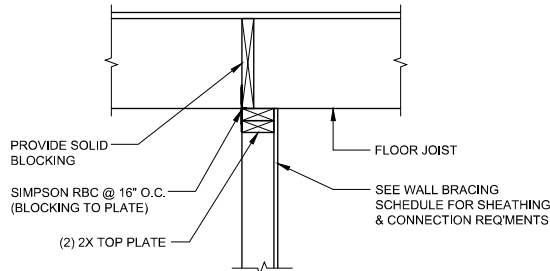


TYPICAL EAVE DETAIL AT CEILING TIES
SECTION
SCALE : NTS



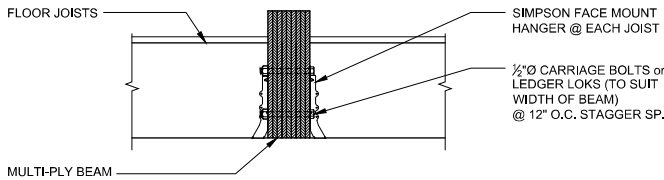
NOTES:
1. SEE GENERAL NOTES AND WALL BRACING SCHEDULE FOR ADDITIONAL NAILING REQUIREMENTS
2. PROVIDE 2X BLOCKING AT WALL BRACING PANELS - SEE BRACING PLAN AND SCHEDULE.

TYPICAL WALL PANEL PARALLEL TO JOISTS
SECTION
SCALE: NTS

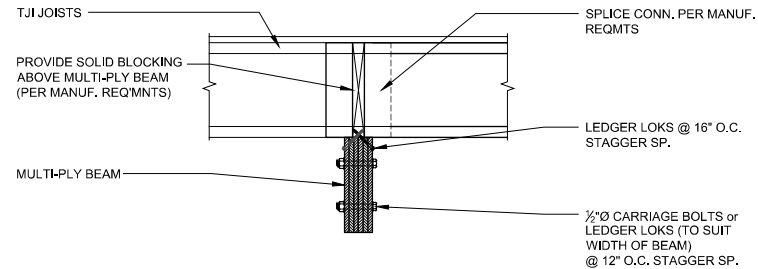


TYPICAL INTERIOR SHEAR WALL
PERPENDICULAR TO JOISTS

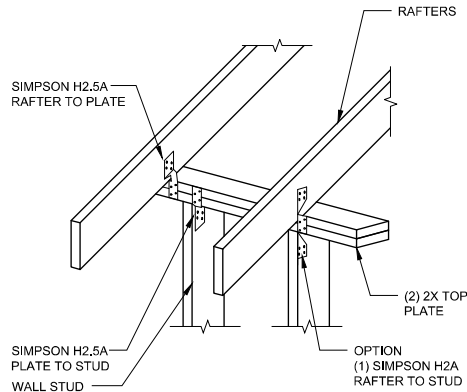
SECTION
SCALE : NTS



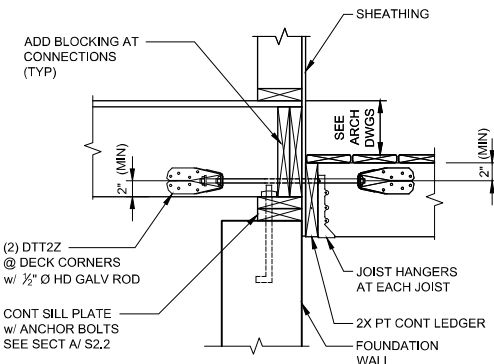
TYPICAL BOTTOM FLUSH FRAMED MULTI-PLY BEAM & 2X JOISTS
SECTION
SCALE : NTS



TYPICAL DROPPED MULTI-PLY BEAM & TJI JOISTS
SECTION
SCALE : NTS



TYPICAL HURRICANE TIE
INSTALLATION AT EACH RAFTER
DETAIL
SCALE : NTS



TYPICAL DECK / PORCH LEDGER

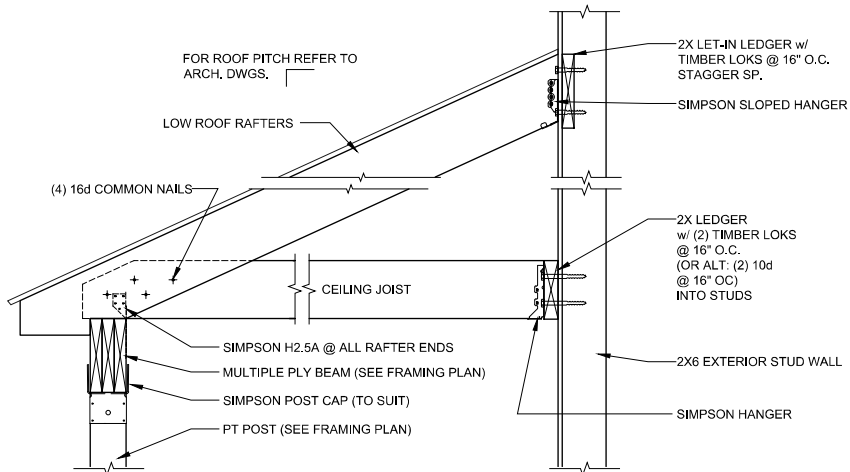
SECTION
SCALE : NTS

NOTES:

- THE LEDGER SHALL BE INSTALLED TIGHT TO WALL SHEATHING, WITHOUT SPACERS.
- SEE ARCHITECTURAL DRAWINGS FOR FLASHING DETAILS AND STEP-DOWN DIMENSION
- LAG BOLTS SHALL BE 1/2" Ø BY 6" LONG WITH WASHER; MACHINE BOLTS SHALL BE 1/2" Ø BY LENGTH TO SUIT WITH 2 WASHERS; REFER TO GENERAL NOTES FOR CORROSION PROTECTION.
- LAG BOLT DRILL-HOLE DIAMETERS:
SHANK (THROUGH LEDGER BOARD): 3/16"
LEAD (THROUGH RIM JOIST): 3/16"
- LAG BOLT SPACING:

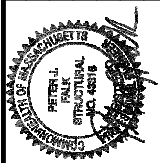
MAX. JOIST SPAN	LAG BOLT SPACING
6 ft	15" O.C.
8 ft	12" O.C.
10 ft	9" O.C.
12 ft	8" O.C.
- MACHINE BOLT SPACING:

MAX. JOIST SPAN	BOLT SPACING
10 ft	16" O.C.
12 ft	12" O.C.
- LEDGERLOK RIM JOIST FASTENERS MAY BE SUBSTITUTED FOR THE SPECIFIED LAG BOLT.



TYPICAL LEDGER CONNECTION AT
PORCH RAFTERS & CEILING JOISTS
SECTION
SCALE : NTS

ID	DESCRIPTION	DATE	ACTION



Project Title:
Village at Brick Kiln LLC - H
17 Josiah Path
Falmouth, MA 02540

**FRAMING SECTIONS
& DETAILS I**

RIVERMOOR ENGINEERING, LLC
146 FRONT STREET, SUITE 211
SCITUATE, MASSACHUSETTS 02066
TEL: (781) 545-2848
FAX: (781) 544-7729

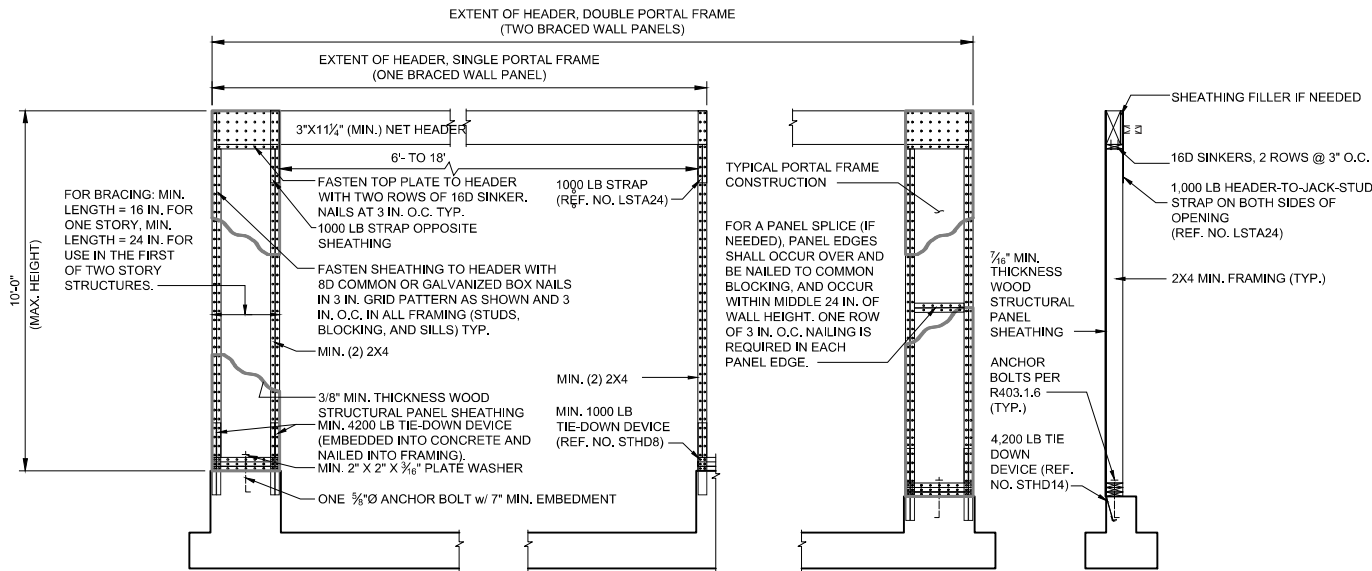


DATE : 1-2-2024	DESIGNED BY: JVR	DRAWN BY: JVR	CHECKED BY : PJF
--------------------	---------------------	------------------	---------------------

DRAWING NO.

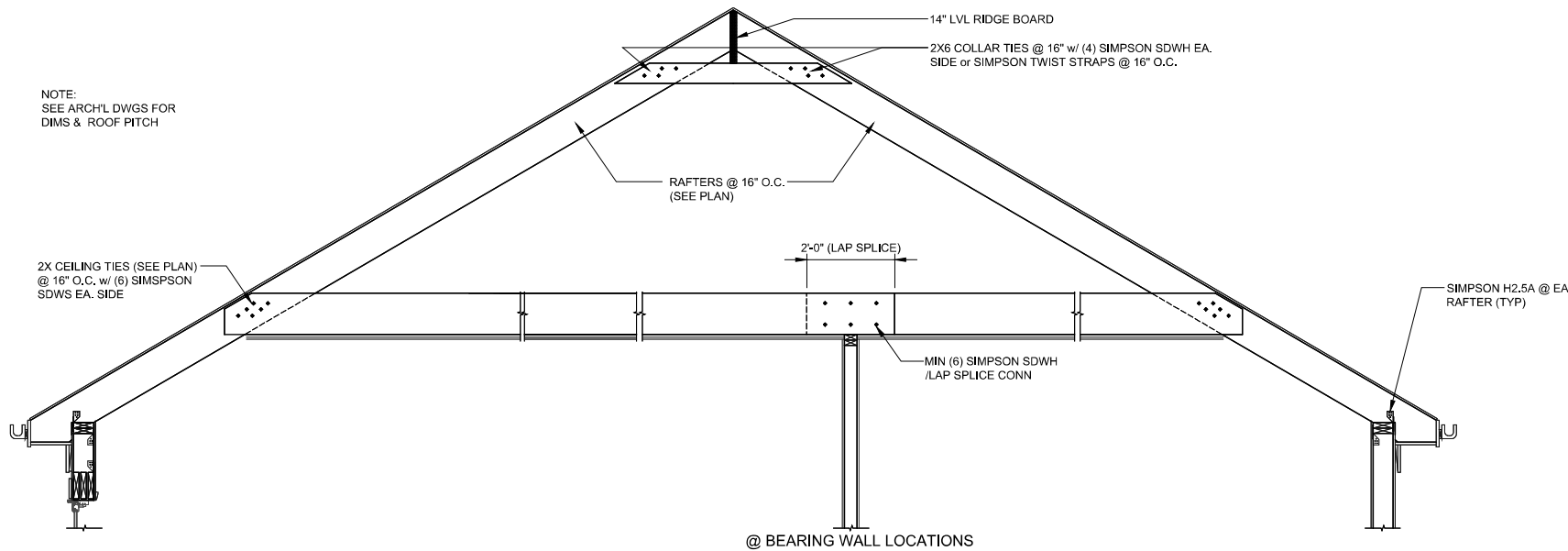
S5.1

S:\CLIENTS REA - STRUCTURAL\SOLIMANDO\VILLAGE AT BRICK KILN\ISSUED WITH ADDRESSES\17 JOSIAH PATH LOT 7\STRU



APA PORTAL FRAME

SCALE: N.T.S.



TYPICAL RIDGE BOARD ASSEMBLY

SECTION

SCALE : 1/2" = 1'-0"

A

S3.4



Project Title:
Village at Brick Kiln LLC - H
17 Josiah Path
Falmouth, MA 02540

FRAMING SECTIONS & DETAILS II

RIVERMOOR ENGINEERING, LLC
146 FRONT STREET, SUITE 211
SCITUATE, MASSACHUSETTS 02066
TEL: (781) 545-2848
FAX: (781) 544-7729



DATE : 1-2-2024
DESIGNED BY: JVR
DRAWN BY: JVR
CHECKED BY: PJF

DRAWING NO.

S5.2

22 - 205