PROJECT ADDRESS:

727 CENTER ST, NEWTION MA

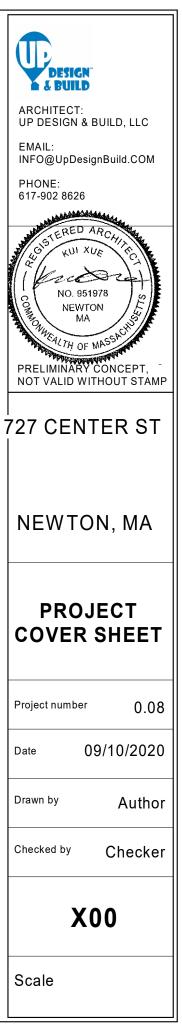
PROJECT SUMMARY:

BUILD ADDITION ON EXISTING FIRST FLOOR ROOF PATIO ON EACH SIDE. INCLUDING TWO BATHROOM, CLOSETS, ETC.

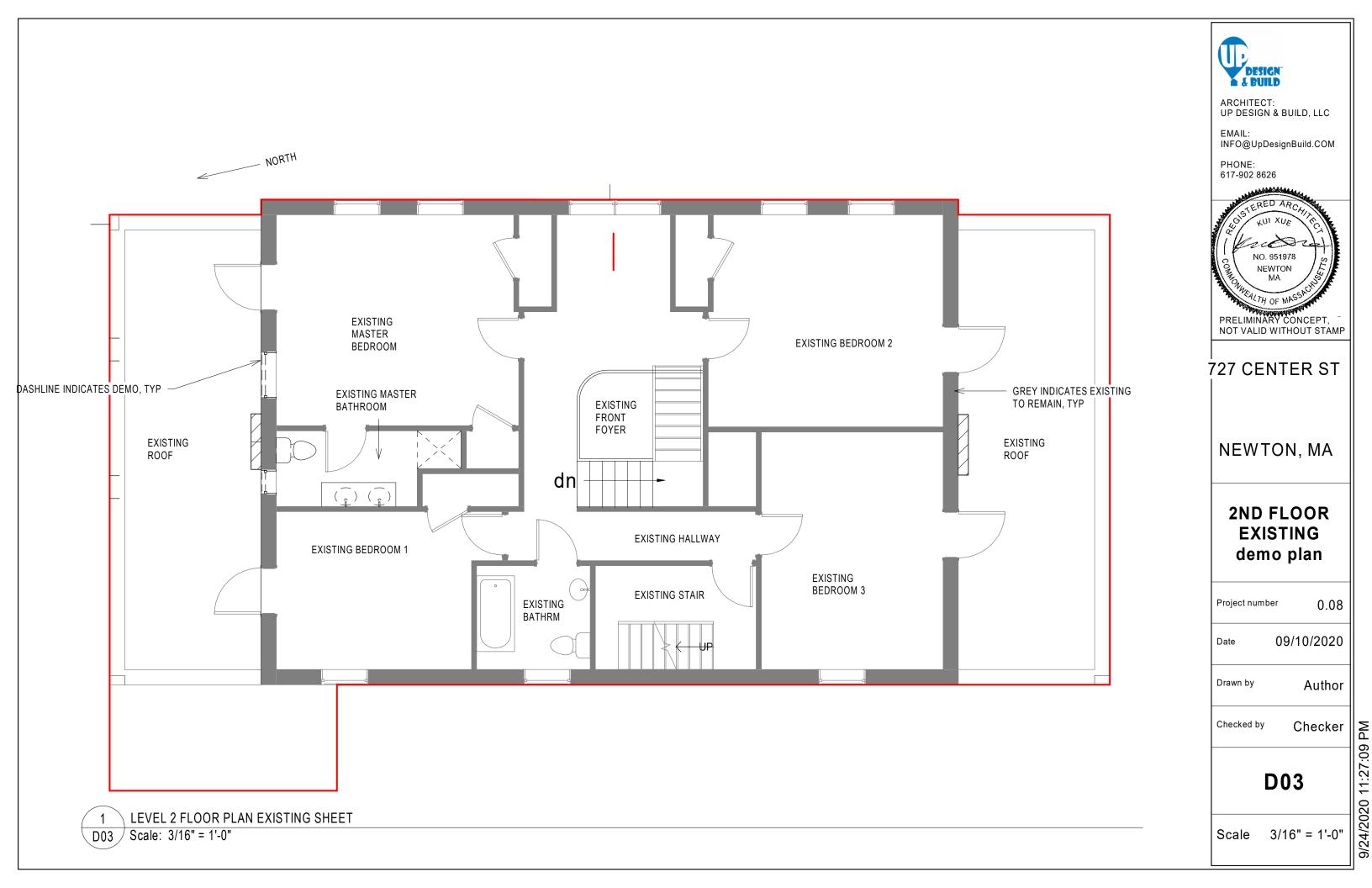
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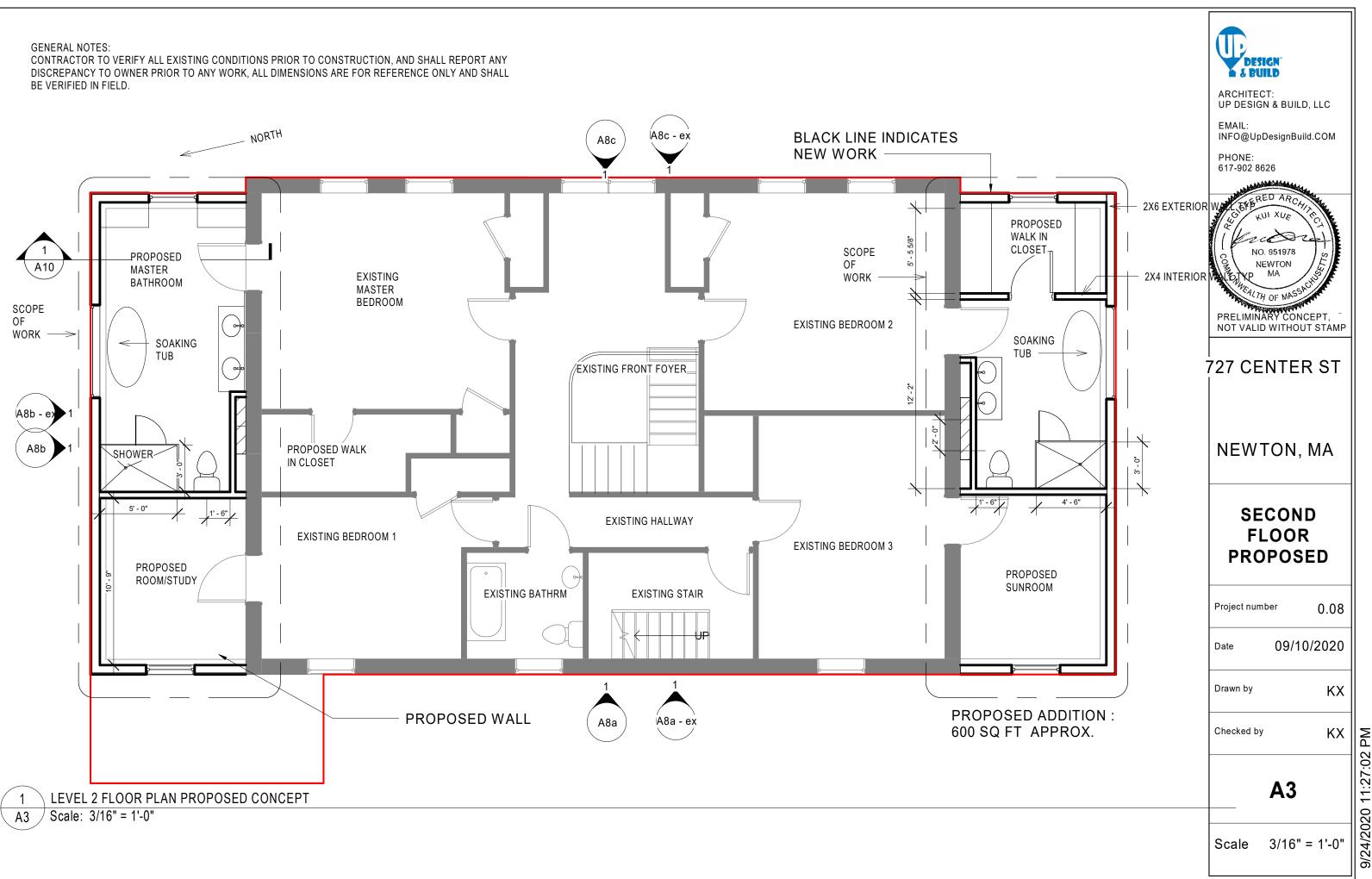
SHEET #

00-GENERAL X00 PROJECT COVER SHEET 01 DEMO D03 2ND FLOOR EXISTING demo plan 01 PLANS A3 SECOND FLOOR PROPOSED A8a FRONT ELEVATION PROPOSED FRONT ELEVATION EXISTING A8a - ex LEFT ELEVATION PROPOSED A8b A8b - ex LEFT ELEVATION EXISTING REAR ELEVATION PROPOSED A8c A8c - ex REAR ELEVATION EXISTING A8d **RIGHT ELEVATION PROPOSED** A8d - ex **RIGHT ELEVATION EXISTING 3D VIEW- PROPOSED** A9 A9 - ex 3D VIEW - EXISTING SECTION A10 A11 DETAILS 03 STRUCTURE **GENERAL NOTES** S00 S4 **ROOF FRAMING** Grand total: 17



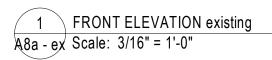
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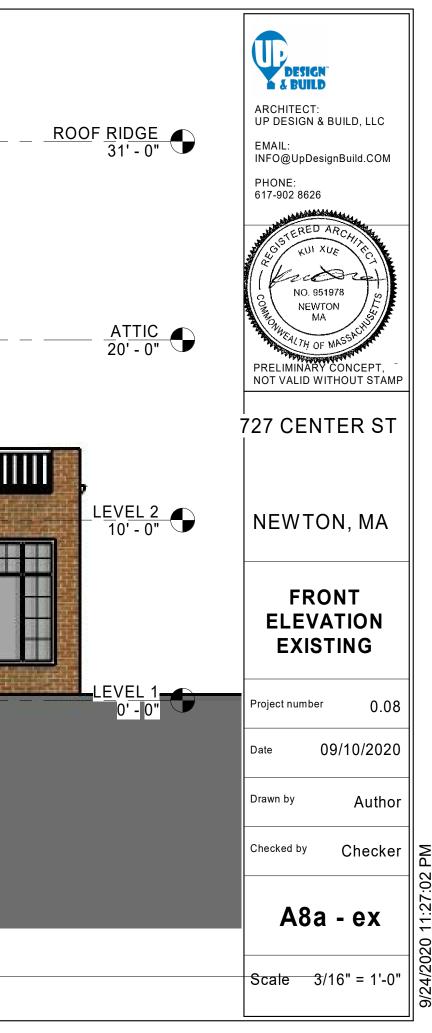




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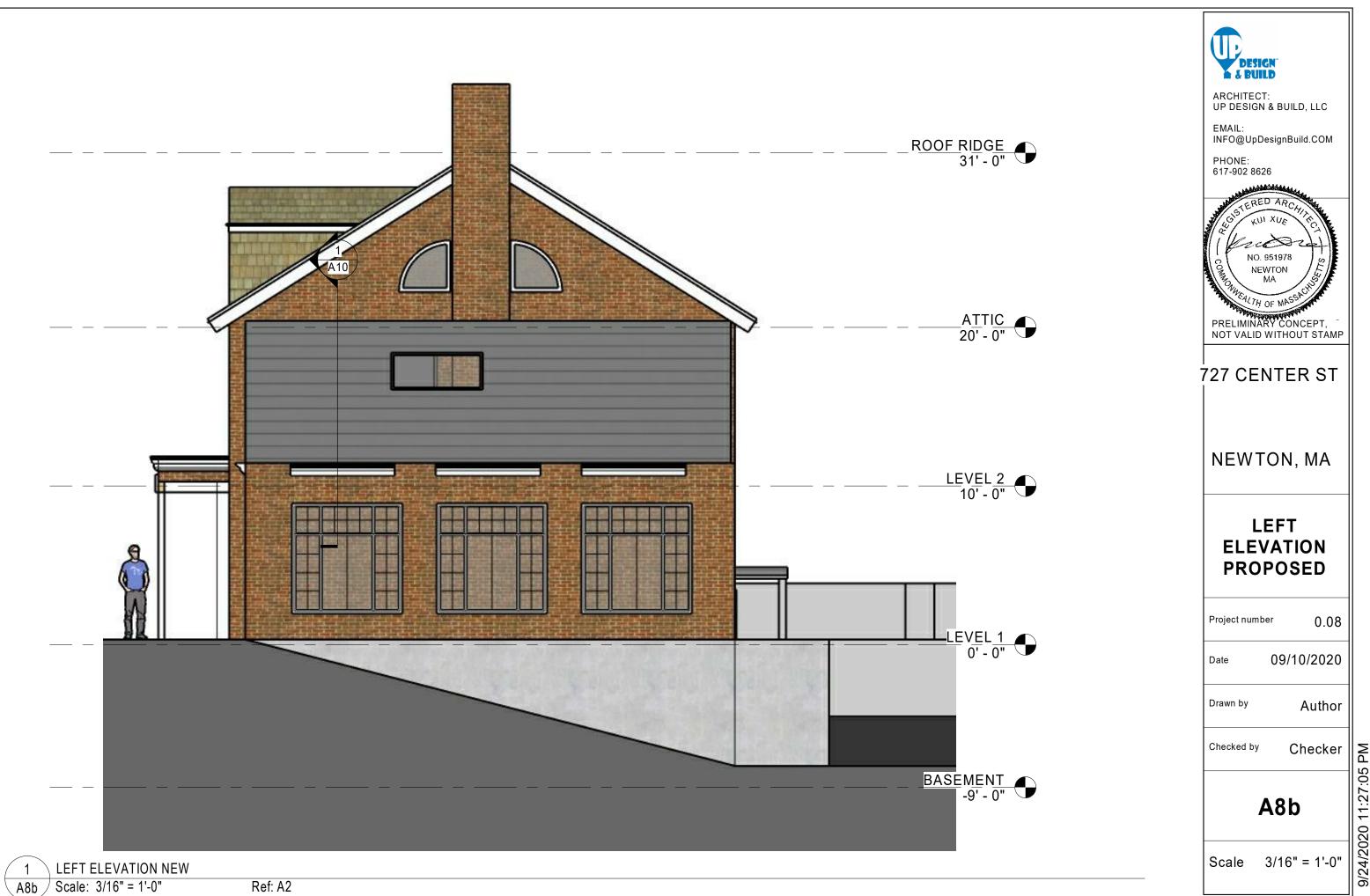


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R <u>OOF RID</u> GE 31' - 0"	ARCHITECT: UP DESIGN & BUILD, LLC EMAIL: INFO@UpDesignBuild.COM PHONE: 617-902 8626
<u>ATTIC</u> 20' - 0"	PRELIMINARY CONCEPT, NOT VALID WITHOUT STAMP
<u>LEVEL 2</u> 10' - 0"	NEWTON, MA LEFT ELEVATION
LEVEL 1 0' - 0"	EXISTINGProject number0.08Date09/10/2020
BASEMENT -9' - 0"	Drawn by Author Checked by Checker A8b - ex
	Scale 3/16" = 1'-0"

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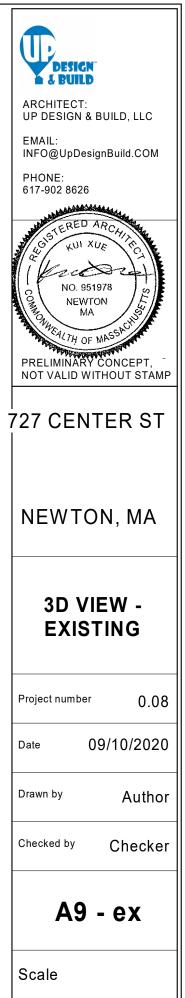


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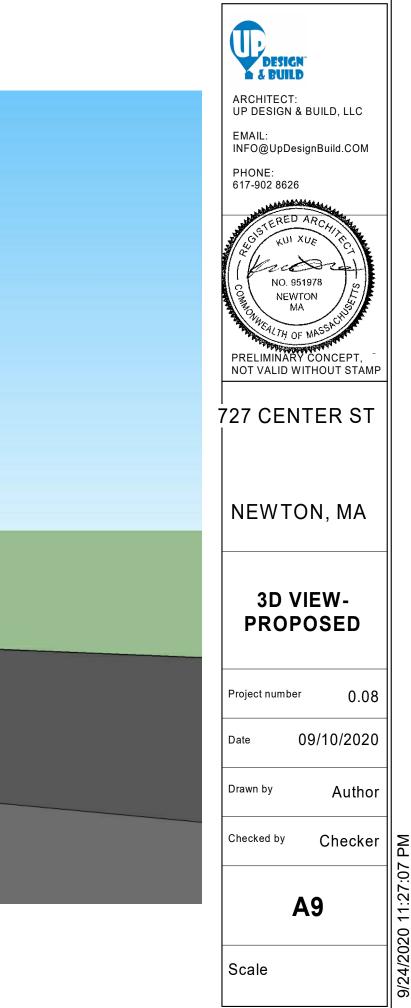
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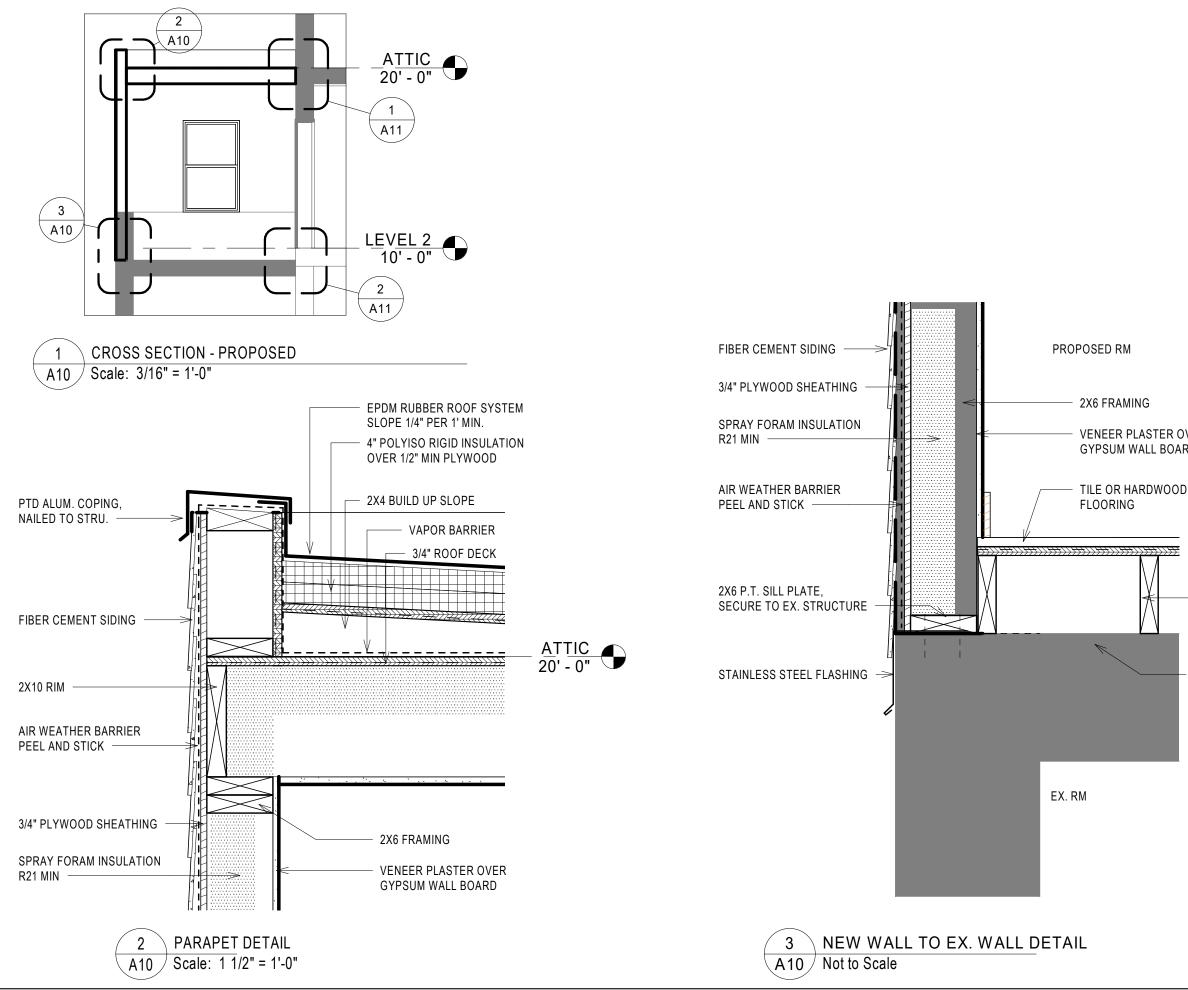




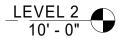
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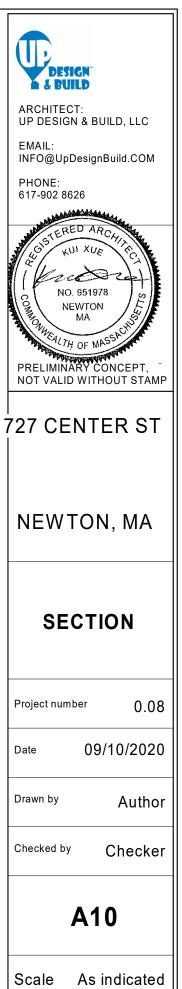


VENEER PLASTER OVER GYPSUM WALL BOARD

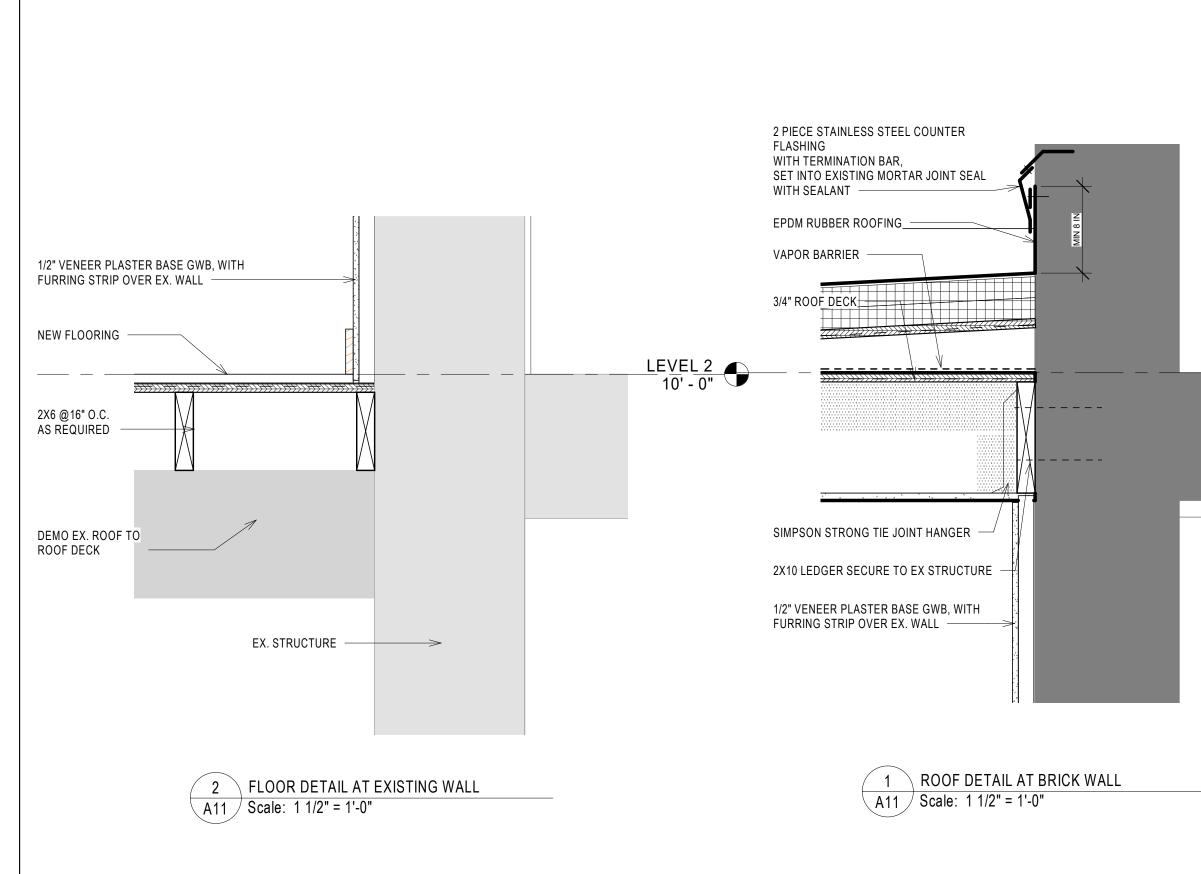


2X6 @16" O.C. AS REQUIRED

DEMO EX. ROOF TO ROOF DECK



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EX. ATTIC



EX. ROOM

GENERAL NOTES FOUNDATIONS

1. BUILDING FOUNDATIONS SHALL BEAR ON UNDISTURBED SOIL WITH A MINIMUM BEARING CAPACITY OF 2000 PSF, TO BE CONFIRMED BY THE CONTRACTOR AFTER THE BEGINNING OF EXCAVATION. ALL NECESSARY ADJUSTMENTS TO THE BOTTOM OF FOOTINGS TO BE REVIEWED AND APPROVED BY THE ARCHITECT.

2. DO NOT PLACE BACKFILL AGAINST BASEMENT WALLS UNTIL ALL FLOORS BRACING THESE WALLS ARE IN PLACE AND HAVE ATTAINED THEIR 28 DAY STRENGTH.

3. ALL EXTERIOR FOOTINGS SHALL BE PLACED A MINIMUM OF 4'-0" BELOW FINAL GRADE.

4. CONCRETE SHALL BE POURED IN DRY EXCAVATIONS. CONTRACTOR SHALL NOTE SOIL AND WATER CONDITIONS AS SHOWN BY BORINGS AND DEPTHS OF FOOTING AS SHOWN ON FOUNDATION PLANS. **CONCRETE**

1. ALL CONCRETE WORK SHALL CONFORM TO THE ACI FOLLOW ING GOVERNING STANDARDS.

A. AMERICAN CONCRETE INSTITUTE (ACI) "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" (ACI 318), LATEST EDITION. PER GOVERNING BUILDING CODE

B. ACI "MANUAL OF CONCRETE PRACTICE", LATEST EDITION C. CONCRETE REINFORCING STEEL INSTITUTE (CRSI) "MANUAL OF STANDARD PRACTICE", LATEST EDITION

2. ALL CONCRETE SHALL BE NORMAL W EIGHT CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS, UNLESS OTHERWISE NOTED.

3. REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60. REINFORCING STEEL SHALL BE DETAILED ACCORDING TO THE ACI "DETAILS AND DETAILING OF REINFORCEMENT", (ACI 315), LATEST EDITION.

4. WELDED WIRE FABRIC (WWF) SHALL CONFORM TO ASTM A1064, W ITH A MINIMUM YIELD STRENGTH OF 65,000 PSI.

5. COORDINATE SIZE AND LOCATION OF ALL OPENINGS AND PIPE SLEEVES WITH ARCHITECTURAL DRAWINGS. MINIMUM CONCRETE BETWEEN SLEEVES SHALL BE 6".

6. ALL GROUT SHALL BE NONSHRINK WITH A MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI.

7. PROVIDE CLEARANCE FROM FACE OF CONCRETE TO REINFORCEMENT AS FOLLOWS:

A. SLABS: 3/4"

C. FOOTINGS: 3"

D. EXTERIOR WALLS: 2" FOR #6 OR LARGER, 1-1/2" FOR #5 OR SMALLER

8. SHOP DRAWINGS SHALL BE SUBMITTED TO THE STRUCTURAL
ENGINEER FOR REVIEW AND APPROVAL. NO CONCRETE W ORK SHALL
COMMENCE WITHOUT APPROVED SHOP DRAWINGS.
9. CLEAN AND ROUGHEN TO 1/4" AMPLITUDE ALL EXISTING CONCRETE

SURFACES TO RECEIVE NEW CONCRETE PRIOR TO PLACEMENT. 10. REINFORCING DOW ELS, WATERSTOPS, AND OTHER EMBED ITEMS SHALL BE INSTALLED AND SECURED PRIOR TO CONCRETE PLACEMENT. "WET-SETTING" OF EMBEDDED ITEMS IS NOT PERMITTED.

12. WELDED WIRE FABRIC REINFORCEMENT IN COMPOSITE CONSTRUCTION SHALL HAVE TENSION SPLICES AND BE ANCHORED AT DISCONTINUOUS EDGES.

POST INSTALLED ADHESIVE AND MECHANICAL ANCHORS

1. POST INSTALLED ANCHORAGE SHALL BE INSTALLED PER MANUFACTURER TECHNICAL DATA TO INTACT BASE MATERIAL. NOTIFY ENGINEER OR ARCHITECT PRIOR TO INSTALLATION IF BASE MATERIAL CONDITION DEVIATES FROM STRUCTURAL DRAWINGS OR MANUFACTURER TECHNICAL DATA.

2. MANUFACTURER DATA FOR ALTERNATE ANCHORAGE PROPOSED BY CONTRACTOR SHALL BE SUBMITTED TO ENGINEER OF RECORD FOR REVIEW AND APPROVAL

3. UNLESS OTHERWISE INDICATED, POST INSTALLED ANCHORAGE SHALL BE ADHESIVE TYPE HILTI HIT-HY200 MAX INTO EXISTING STONE MASONRY

WOOD STRUCTURAL PANEL SHEATHING

1. PROVIDE STRUCTURAL I PLYWOOD SHEATHING WITH BOND CLASSIFICATIONS APPROPRIATE TO THE END USE: "EXTERIOR" (PERMANENT EXPOSURE), OR "EXPOSURE I" (CONSTRUCTION EXPOSURE ONLY)

2. FLOOR SHEATHING: NOM. 3/4" THICK T&G PLYWOOD (48/24 SPAN RATING). APA STURD-I-FLOOR. OR ADVANTECH SUBFLOOR.

3. ROOF SHEATHING (STANDARD): NOM. 5/8" THICK T&G PLYWOOD (48/24 SPAN RATING).

4. WALL SHEATHING (STANDARD: NOM. 1/2" THICK PLYWOOD (32/16 SPAN RATING).

5. USE PLY CLIPS OR OTHER EDGE SUPPORT AS REQUIRED FOR PLYWOOD SHEATHING.

6. UNLESS NOTED OTHERWISE, WALL SHEATHING SHALL BE FASTENED TO FRAMING WITH 8d COMMON NAILS @ 4" ON CENTER AT EACH SHEET PERIMETER AND 12" ON CENTER ELSEWHERE. PROVIDE 2x6 BLOCKING AT ALL FREE EDGES.

7. UNLESS NOTED OTHERWISE, ROOF SHEATHING SHALL BE FASTENED TO FRAMING WITH 8d COMMON NAILS @ 6" ON CENTER AT EACH SHEET PERIMETER AND 12" ON CENTER ELSEWHERE.

8. ALL FLOOR SHEATHING SHALL BE GLUED AND SCREWED TO FLOOR JOISTS USING AN APA APPROVED ADHESIVE AND #8 SCREWS @ 6" ON CENTER AT EACH SHEET PERIMETER AND 12" ON CENTER ELSEWHERE, UNLESS NOTED OTHERWISE.

ENGINEERED WOOD PRODUCTS

1. MICRO-LAM BEAMS AND POSTS: PROVIDE ENGINEERED BEAMS, SIZES AS SHOW N, MICROLLAM LVL OR PARALLAM PSL AS MANUFACTURED BY WEYERHAEUSER OR APPROVED EQUAL. INSTALL IN STRICT COMPLIANCE WITH THE MANUFACTURER'S STANDARD RECOMMENDATIONS AND DETAILS.

FRAMING LUMBER

1. ALL FRAMING LUMBER W ORK SHALL CONFORM TO THE FOLLOWING GOVERNING STANDARDS:

A. AMERICAN INSTITUTE OF TIMBER CONSTRUCTION, "TIMBER CONSTRUCTION

MANUAL" LATEST EDITION.

B. NATIONAL FOREST PRODUCTS ASSOCIATION "NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION," LATEST EDITION.
2. FRAMING LUMBER SHALL HAVE EACH PIECE GRADE STAMPED, SHALL BE SURFACED DRY (EXCEPT STUDS, WHICH SHALL BE KILN DRIED) AND SHALL CONFORM TO THE FOLLOWING SPECIES AND GRADE:

A. JOISTS: SPRUCE-PINE-FIR #2

B. BEAMS, GIRDERS AND HEADERS: SPRUCE-PINE-FIR #2

C. STUDS AND PLATES: SPRUCE-PINE-FIR STUD GRADE

3. TIMBER LUMBER SHALL CONFORM TO THE FOLLOWING SPECIES AND GRADE:

A. POST AND TIMBER: SPRUCE-PINE-FIR #1

4. PRESERVATIVE-TREATED WOOD: PROVIDE TREATED SPRUCE-PINE-FIR #2 LUMBER COMPLYING WITH ACQ-D (CARBONATE). COPPER AZOLE (CAB), OR SODIUM BORATE (SBX (DOT) WITH NaS10/2) AT ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY, OR AS OTHERWISE INDICATED ON ARCHITECTURAL OR STRUCTURAL DRAW INGS. ACZA TREATMENT IS NOT PERMITTED. TREATED LUMBER AND/OR PLYWOOD SHALL BEAR THE LABEL OF AN ACCREDITED AGENCY SHOWING 0.40 PCF RETENTION. WHERE LUMBER AND/OR PLYW OOD IS CUT OR DRILLED AFTER TREATMENT, THE

TREATED SURFACE SHALL BE FIELD-TREATED WITH COPPER NAPTHENATE (THE CONCENTRATION OF W HICH SHALL CONTAIN A MINIMUM OF 2% COPPER METAL) BY REPEATED BRUSHING, DIPPING, OR SOAKING UNTIL THE WOOD ABSORBS NO MORE PRESERVATIVE. 5. ALL WOOD FRAMING INCLUDING DETAILS FOR BRIDGING, BLOCKING, FIRE STOPPING, ETC., SHALL CONFORM TO THE LATEST EDITION OF THE "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" AND ITS SUPPLEMENTS AND SHALL BE INSTALLED IN ACCORDANCE WITH THE NFPA "MANUAL FOR HOUSE FRAMING" OR THE MASSACHUSETTS STATE BUILDING CODE, 8TH EDITION.

6. FASTENING SHALL BE IN ACCORDANCE WITH THE MOST RESTRICTIVE
6. FASTENING SHALL BE IN ACCORDANCE WITH THE MOST RESTRICTIVE
0F: THE MASSACHUSETTS STATE BUILDING CODE, 8TH EDITION, OR THE
MANUFACTURER'S RECOMMENDED FASTENING SCHEDULES.
7. ALL FLUSH FRAMED CONNECTIONS SHALL BE MADE WITH APPROVED
GALVANIZED STEEL JOIST OR BEAM HANGERS, MINIMUM 18 GAUGE,
INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
8. WHERE FRAMING LUMBER IS FLUSH FRAMED TO MICROLLAM OR
FLITCH-PLATE GIRDER, SET THESE GIRDERS 1/2" CLEAR (MIN.) BELOW TOP
OF FRAMING LUMBER, TO ALLOW FOR SHRINKAGE.
9. STUD BEARING WALLS ARE TO BE 2x4 @ 16" ON CENTER AT THE
INTERIOR AND 2x6 @ 16" ON CENTER AT THE EXTERIOR, UNLESS NOTED
OTHERWISE ON PLAN.

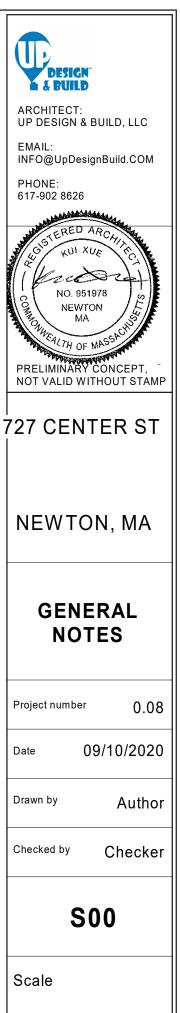
 ALL JOISTS SHALL ALIGN DIRECTLY WITH STUDS BELOW. WHERE REQUIRED, INSTALL ADDITIONAL STUDS.
 LAP ALL PLATES AT CORNERS AND AT INTERSECTION OF PARTITIONS.
 STAGGER ALL TOP AND BOTTOM PLATE SPLICES A MINIMUM OF 32 INCHES.

13. USE DOUBLE STUDS @ ENDS OF WALL AND ENDS OF WALL OPENINGS 14. AT THE ENDS OF ALL BEAMS, HEADERS AND GIRDERS PROVIDE A BUILT UP OR SOLID POST WHOSE WIDTH IS AT LEAST EQUAL TO THE WIDTH OF THE MEMBER IT IS SUPPORTING AND WHOSE DEPTH IS 4" (NOMINAL) AT INTERIOR WALLS AND 6" (NOMINAL) AT EXTERIOR WALLS. 15. USE DOUBLE TRIMMERS AND HEADERS AT ALL FLOOR OPENINGS WHERE BEAMS ARE NOT DESIGNATED.

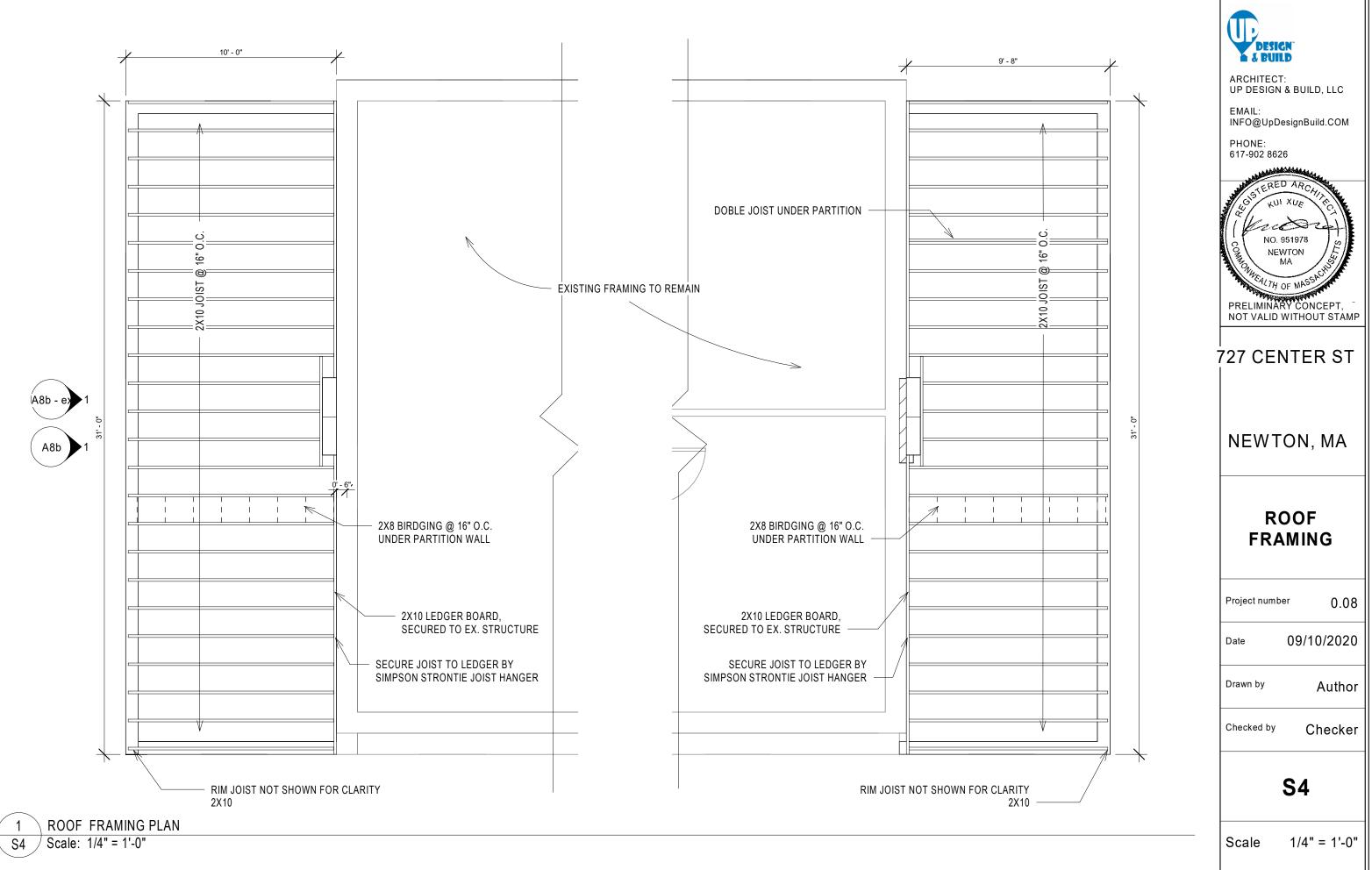
16. PROVIDE CROSS BRIDGING AT A MAXIMUM OF 8'-0" ON CENTER.
17. BUILT UP BEAMS SHALL BE SPIKED TOGETHER WITH (3) 16d NAILS @16" ON CENTER.
21. NO NEW OR EXISTING JOISTS SHALL BE CUT OR NOTCHED WITHOUT

21. NO NEW OR EXISTING JOISTS SHALL BE CUT OR NOTCHED WITHOUT APPROVAL.

22. WHERE JOIST ORIENTATION IS PARALLEL TO EXTERIOR STUD OR FOUNDATION WALLS, PROVIDE FULL-SECTION BLOCKING FOR 3 BAYS @ 4'-0" ON CENTER MAXIMUM WHERE SHEATHING IS NOT CONTINUOUSLY FASTENED TO TOP OR BOTTOM OF JOIST. PROVIDE 18 GA x 1-1/2" x 1'-0" (MINIMUM) FLAT TENSION STRAP BETWEEN ALIGNED BLOCKING MEMBERS. 23. ALL SILL PLATES SHALL BE PRESSURE TREATED AND ANCHORED TO FOUNDATION WALLS WITH 1/2" DIAMETER HEADED ANCHOR BOLTS (ASTM F1554) @ 4'-0" ON CENTER AND WITHIN 12" OF ALL SILL PLATES SPLICES (MINIMUM 7" EMBED.)



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