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a r c h i t e c t

7 Glendale Way
Canton, MA 02021
617.501.0631

FIRE ALARM AND FIRE PROTECTION KEY:

WWW.ad-architect.com

Proposed Two-Family
Residence at
107 Readville Street, Units A & B
Hyde Park, MA

Project Number: 22.0162
Date: 10.10.2022

Revisions:

Number Description

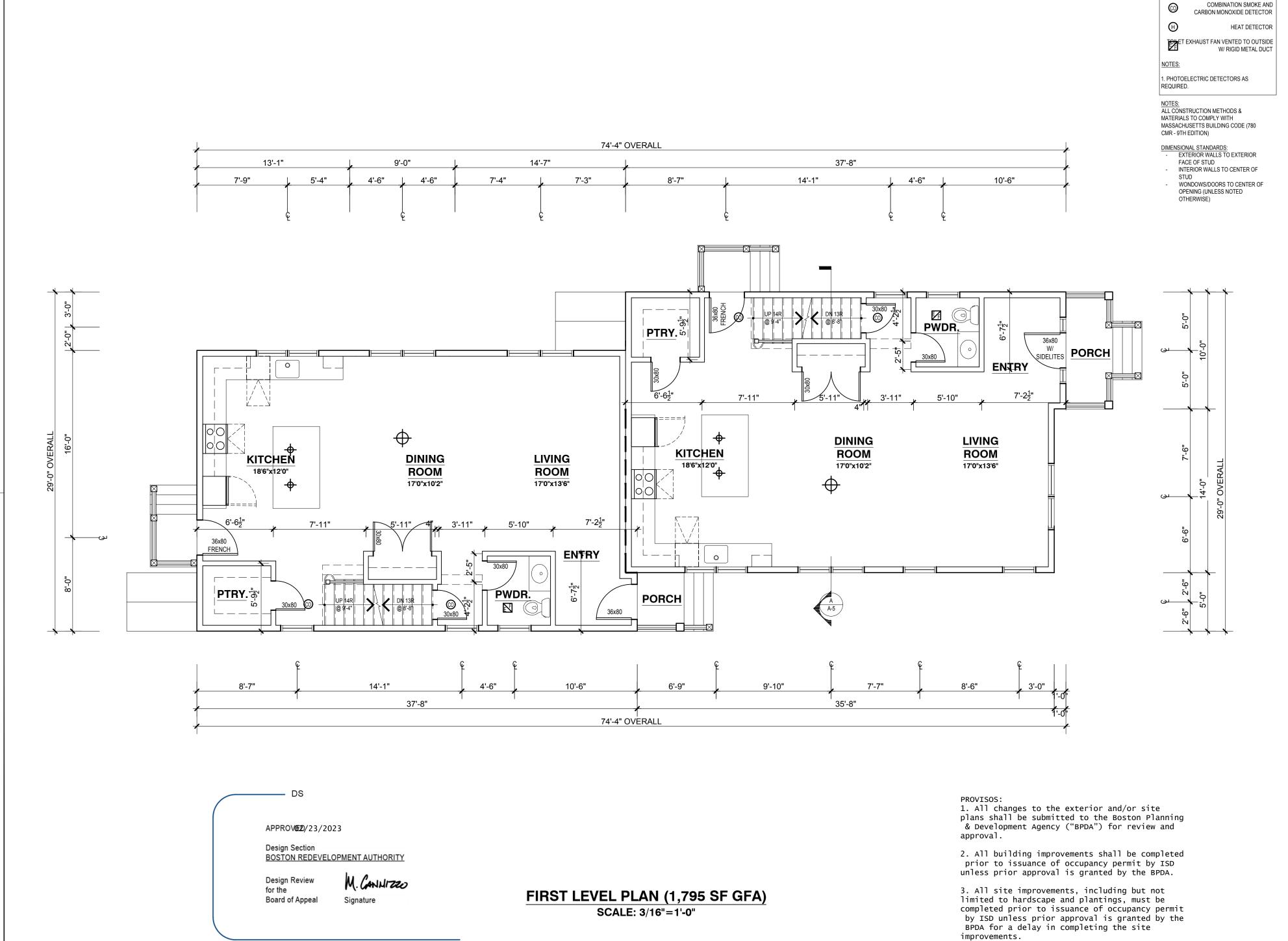
PERMIT

DRAWIN

PERMIT 10/13
DRAWINGS 2022

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

FOUNDATON/ BASEMENT LEVEL PLAN



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FIRE ALARM AND FIRE PROTECTION KEY:

SMOKE DETECTOR

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RESTERED ARCHITECT

No. 9720
BOSTON,
MASS.

Proposed Two-Family Residence at 107 Readville Street, Units A & B Hyde Park, MA

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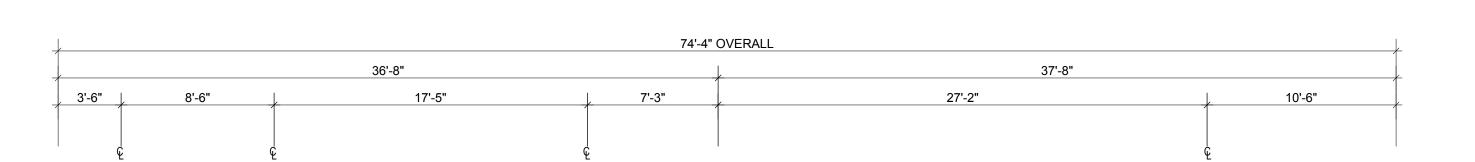
DRAWIN

DRAWINGS 2022

10/13

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

FIRST LEVEL PLAN



FIRE ALARM AND FIRE PROTECTION KEY:

SMOKE DETECTOR

COMBINATION SMOKE AND (CO) CARBON MONOXIDE DETECTOR

HEAT DETECTOR

TOLET EXHAUST FAN VENTED TO OUTSIDE W/ RIGID MFTAL DUCT W/ RIGID METAL DUCT

1. PHOTOELECTRIC DETECTORS AS REQUIRED.

NOTES: ALL CONSTRUCTION METHODS & MATERIALS TO COMPLY WITH MASSACHUSETTS BUILDING CODE (780 CMR - 9TH EDITION)

DIMENSIONAL STANDARDS: - EXTERIOR WALLS TO EXTERIOR

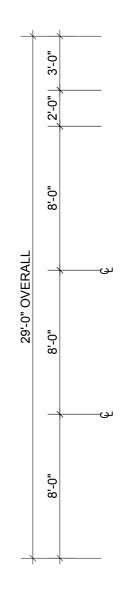
- FACE OF STUD INTERIOR WALLS TO CENTER OF
- WONDOWS/DOORS TO CENTER OF OPENING (UNLESS NOTED OTHERWISE)



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Design Review

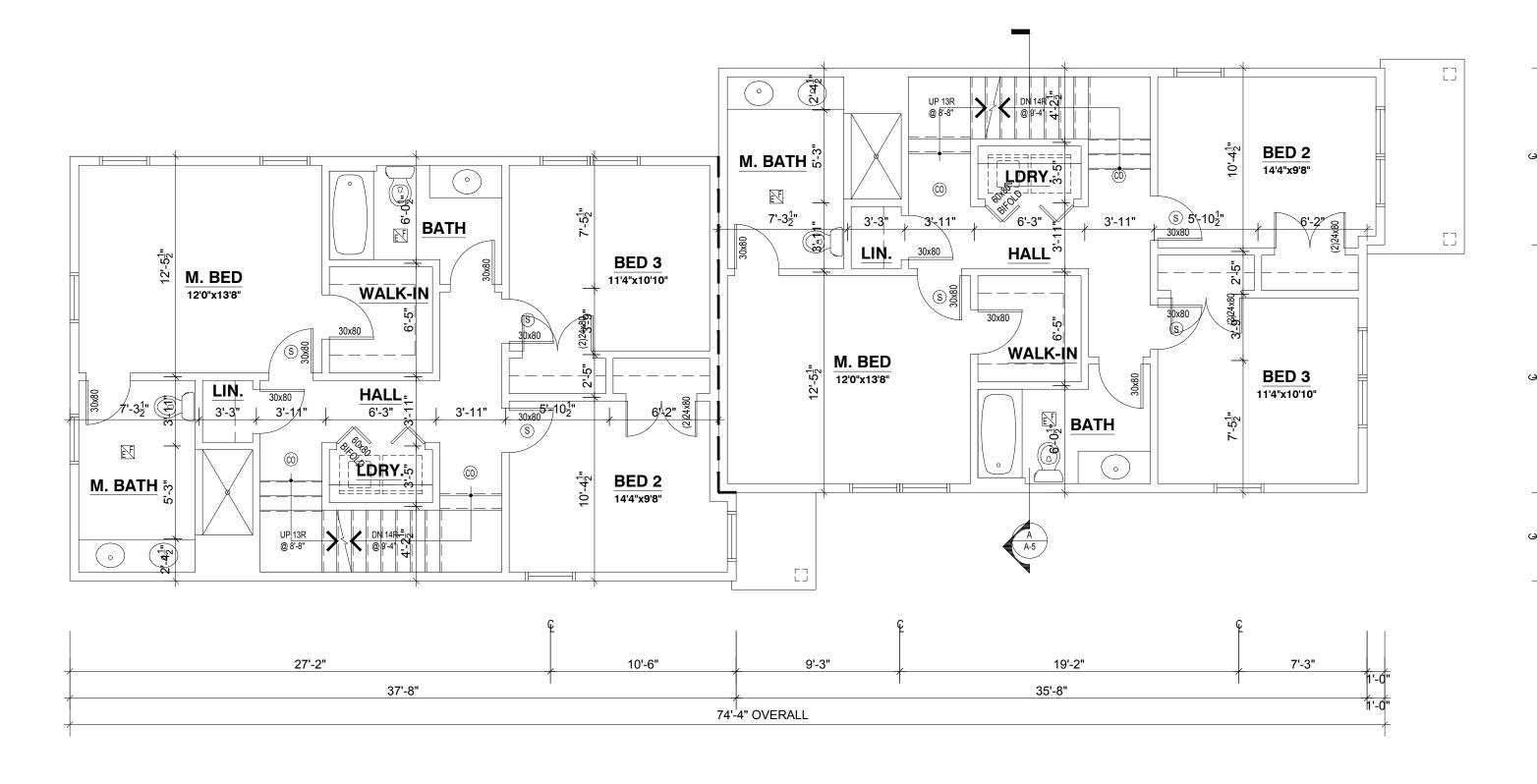
Board of Appeal

for the

APPROVED'23/2023

Design Section
BOSTON REDEVELOPMENT AUTHORITY

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SECOND LEVEL PLAN (1,725 SF GFA)

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

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Proposed Two-Family
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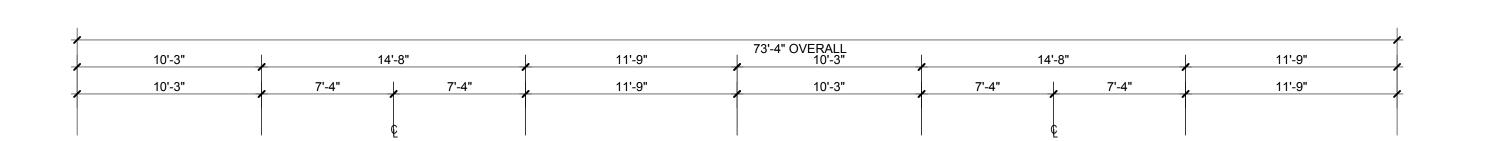
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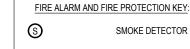
Revisions: 0 PERMIT

10/13 DRAWINGS 2022

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

> SECOND LEVEL PLAN





COMBINATION SMOKE AND CARBON MONOXIDE DETECTOR

HEAT DETECTOR

THE EXHAUST FAN VENTED TO OUTSIDE

WY DIGID METAL SHOP

NOTES:

1. PHOTOELECTRIC DETECTORS AS REQUIRED.

NOTES:
ALL CONSTRUCTION METHODS &
MATERIALS TO COMPLY WITH
MASSACHUSETTS BUILDING CODE (780
CMR - 9TH EDITION)

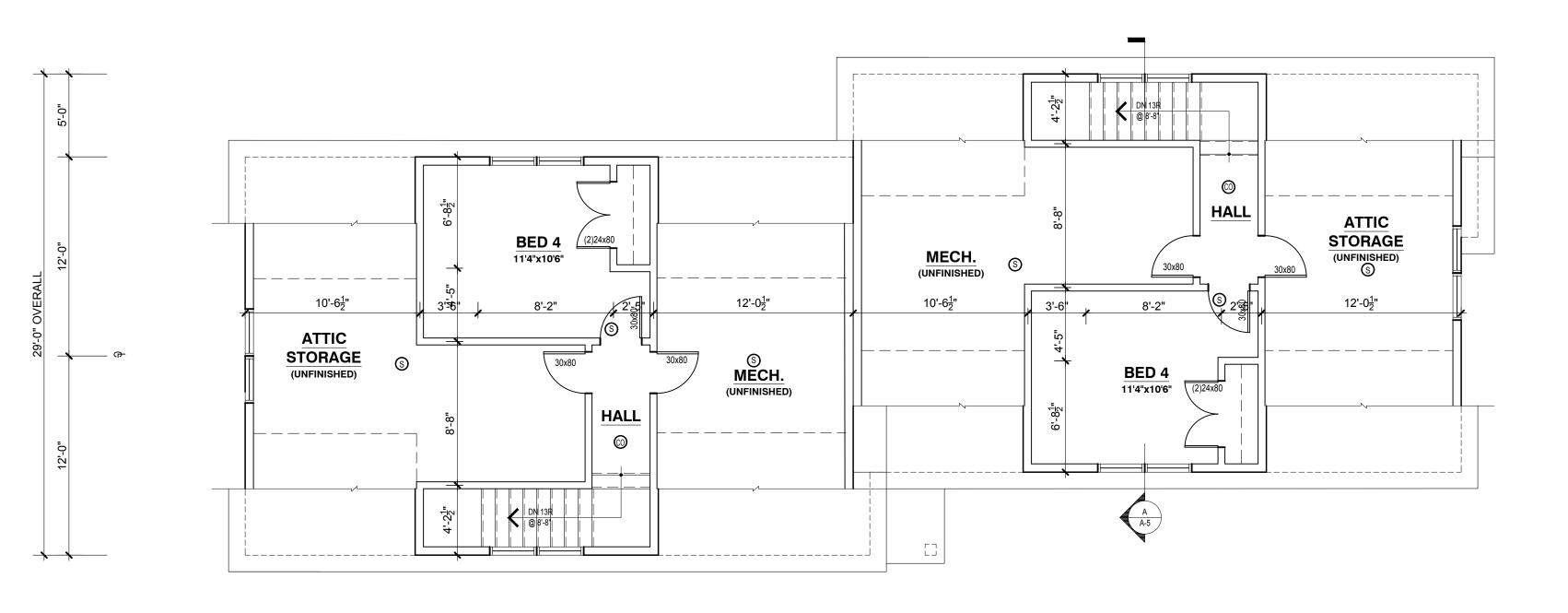
CMR - 9TH EDITION)

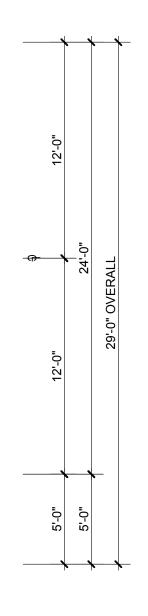
DIMENSIONAL STANDARDS:
- EXTERIOR WALLS TO EXTERIOR

- FACE OF STUD
 INTERIOR WALLS TO CENTER OF
- WONDOWS/DOORS TO CENTER OF OPENING (UNLESS NOTED OTHERWISE)



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10'-3" 7'-4" 7'-4" 11'-9" 10'-3" 7'-4" 7'-4" 11'-9" 10'-3" 14'-8" 11'-9" 11'-9" 10'-3" 14'-8" 11'-9"

APPROVE20/23/2023

- DS

Design Section
BOSTON REDEVELOPMENT AUTHORITY

Design Review for the Board of Appeal M. CANAITZZZ Signature

ATTIC LEVEL PLAN (532 SF GFA)
SCALE: 3/16"=1'-0"

NOTE: 2 1/2 STORIES, ATTIC LIVING SPACE IS LESS THAN 50% THE SECOND LEVEL FLOOR AREA

PROVISOS:

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Number_	Description	Date
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	DRAWINGS	2022

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

ATTIC LEVEL PLAN

2. NO FOOTING SHALL BE PLACED ON FROZEN SOIL OR IN STANDING WATER.

3. STRUCTURAL FILL SHALL BE WELL GRADED BANK RUN, SCREENED OR CRUSHED GRAVEL, AND SHALL BE PLACED IN 8" MAXIMUM LIFTS AND COMPACTED TO 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY

4. PROVIDE A MINIMUM OF 6" (OR GREATER IF REQUIRED BY THE GEOTECHNICAL ENGINEER) WELL COMPACTED, CLEAN, COARSE SAND AND GRAVEL UNDER ALL SLABS ON GRADE AFTER THE TOP SOIL HAS BEEN REMOVED

FOUNDATION:

1. FOOTING/FOUNDATION DESIGN BASED ON A MINIMUM SOIL BEARING CAPACITY OF 3,000 PSF

2. ALL WOOD FRAMING (SILLS, PLATES, FLOOR SYSTEM, WALLS, ETC.) TO BE ANCHORED TO THE FOUNDATION WITH ½ INCH DIAMETER BOLTS PLACED SIX FEET ON CENTER AND NOT MORE THAN 12 INCHES FROM CORNERS. BOLTS SHALL EXTEND A MINIMUM OF 15 INCHES INTO MASONRY OR EIGHT INCHES INTO CONCRETE.

3. A PERIMETER SILL SEAL SHALL BE PROVIDED UNDER ALL EXTERIOR SILLS OR WALLS ANCHORED TO

4. BULKHEAD SIZE SHALL BE DETERMINED IN FIELD. (NOT REQUIRED)

5. FOUNDATION WALLS SHALL EXTEND AT LEAST EIGHT INCHES ABOVE THE FINISHED FRADE WHERE IT ABUTS THE FOUNDATION. EXCEPTION: WHERE EXTERIOR MASONRY VENEER IS USED, FOUNDATION WALLS SHALL EXTEND A MINIMUM OF FOUR INCES ABOVE THE FINISHED GRADE.

6. DRAINS SHALL BE PROVIDED AROUND ALL CONCRETE OR MASONRY FOUNDATIONS ENCLOSING HABITABLE OR USABLE SPACES LOCATED BELOW

EXCEPTION: A DRAINAGE SYSTEM IS NOT REQUIRED WHEN THE FOUNDATION IS INSTALLED ON WELL-DRAINED GROUND OR SAND-GRAVEL MIXTURE SOILS ACCORDING TO THE UNIFIED SOIL CLASSIFICATION SYSTEM GROUP 1.

CONCRETE:

1. ALL CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH AS FOLLOWS, AT 28 DAYS: A. BASEMENT WALLS & FOUNDATIONS (NOT EXPOSED TO WEATHER) 2,500 PSI

> C. BASEMENT, FOUNDATION, EXT. & OTHER WALLS (EXPOSED TO WEATHER) 3,000 PSI D. PORCHES, STEPS, CAR PORTS & GARAGE SLABS (EXPOSED TO WEATHER) 3,500 PSI

B. BASEMENT & INTERIOR SLABS ON GRADE

2. ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615 GRADE 60.

3. THE FOLLOWING MINIMUM COVER SHALL BE PROVIDED FOR REINFORCEMENT; CONCRETE AGAINST THE EARTH 3", FORMED CONCRETE EXPOSED TO EARTH OR WEATHER #5 OR SMALLER ½", #6 OR LARGER 2", CONCRETE NOT EXPOSED TO EARTH OR WEATHER SLABS OR WALLS 3/4".

4. ALL CONCRETE WORK AND DETAILING SHALL COMPLY WITH THE LATEST SPECIFICATIONS AND RECOMMENDATIONS OF THE ACI.

5. ALL CONTINUOUS REINFORCING BARS SHALL BE LAPPED 36 BAR DIAMETERS AT SPLICES AND AT CORNERS UNLESS OTHERWISE NOTED. TERMINATE CONTINUOUS BARS AT NON-CONTINUOUS ENDS WITH STANDARD HOOKS

DS

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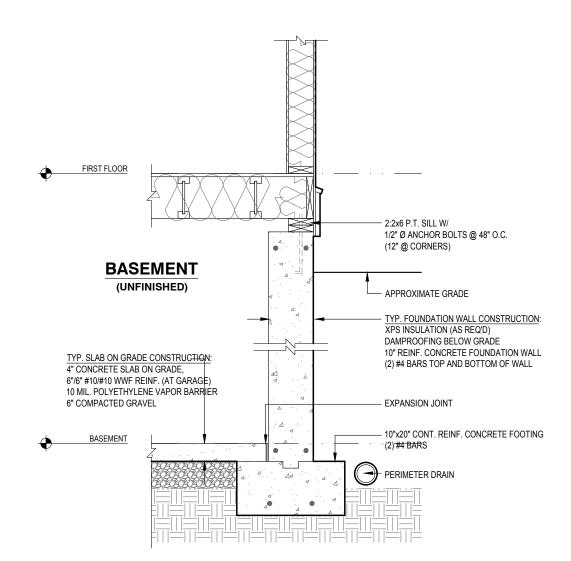
Design Section **BOSTON REDEVELOPMENT AUTHORITY**

Design Review for the Board of Appeal

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FOUNDATION DETAIL

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

1/2 " STL. A.B. @ 48" O.C.

PERIMETER DRAIN

10"X20" CONT. CONCRETE FOOTING

TYP. ROOF/CEIL'G CONSTRUCTION: CEILING: ASPHALT ROOFING SHINGLES WOOD FRAME WALL: R-20 OR 13+5 15# ROOF FELT UNDERLAYMENT MASS WALL: 36" WIDE BITUTHENE ICE & WATER SHIELD FLOOR: AT PERIMETER BASEMENT WALL: 3/4" T&G PLYWOOD ROOF SHEATHING SLAB, DEPTH 2X10 ROOF JOISTS @ 16" O.C. CRAWL SPACE WALL: R-15/R-19 2X8 CEILING TIES @ 16" O.C. BATT INSULATION 5. DUCTS 4CFM/100SQ FT 7 4.5:12± PITCH WD. STRAPPING 1/2" BLUEBOARD & PLASTER CONT. SOFFIT AND RIDGE VENTS 12:12 PITCH BED 4 SITTING ATTIC _ TYP. EXTERIOR WALL CONSTRUCTION: PRE-FINISHED CEMENT FIBER SIDING, **WALK-IN** 5" EXPOSURE **BATH HALL** LDRY. 5/8" SHEATHING W/ INTEGRAL WATER & AIR BARRIER, TAPED SEAMS 2X6 WOOD STUDS AT 16" O.C. BATT INSULATION 2ND 1/2" BLUEBOARD & PLASTER TYP. FLOOR/CEIL'G CONSTRUCTION: SCHEDULED FLOOR FINISH 3/4" T&G PLYWOOD SUBFLOOR DINING SEE FRAMING FOR FLOOR JOIST **ROOM** SIZE/SPACING BATT INSULATION 1/2" BLUEBOARD & PLASTER 1ST TYP. SLAB ON GRADE CONSTRUCTION: 4" CONCRETE SLAB ON GRADE, 10 MIL. POLYETHYLENE VAPOR BARRIER MECH. ____ TYP. FOUNDATION WALL CONSTRUCTION: XPS INSULATION (AS REQ'D) BSMT 10" REINF. CONCRETE FOUNDATION WALL
(2) #4 BARS TOP AND BOTTOM OF WALL

NOTE: REFER TO THE HERS INDEX SPECIFICATIONS SUMMARY FOR INFORMATION REGARDING ALL INSULATION VALUES AND LOCATIONS NOT SPECIFICALLY SHOWN ON PLAN

ENERGY CONSERVATION:

1. STRETCH ENERGY CODE COMPLIANCE WILL BE DEMONSTRATED USING THE PRESCRIPTIVE OPTION OF THE BASE 2015 IECC ENERGY CODE. THIS CODE MUST BE MET FOR ALL THE SYSTEMS THAT ARE BEING REPLACED.

2. COMPLIANCE WITH THE ENERGY STAR THERMAL BYPASS INSPECTION CHECKLIST IS ALSO REQUIRED.

3. THE USE OF ENERGY STAR 5.0 (VERSION 3) FOR WINDOWS, DOORS, AND SKYLIGHTS WHERE REPLACEMENTS ARE MADE.

4. INSULATION SHALL CONFORM TO IECC 2015

TABLE 402.1.1 INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT

CLIMATE ZONE: FENESTRATION: U-0.32 SKYLIGHT: U-O.55 GLAZING SHGC: R-15/R-19 R-10, 2 FT

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Project Number: 22.0162 Date: 10.10.2022

Revisions:

10/13 0 PERMIT **DRAWINGS** 2022

3/16"=1'-0"

BUILDING **SECTION AND**

FOUNDATION DETAIL

BUILDING SECTION A SCALE: 3/16"=1'-0"

NOTE: WINDOW MODEL NUMBER/SIZES
PROVIDED ARE UNITED 5500 SERIES VINYL
WINDOWS. TYPICAL FIRST FLOOR WINDOW
HEAD HEIGHT IS 84" AND SECOND FLOOR IS
80" UNLESS NOTED OTHERWISE.

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Design Section
BOSTON REDEVELOPMENT AUTHORITY

Design Review for the Board of Appeal M. CANHITZZO

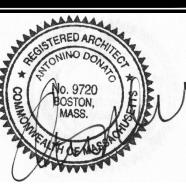
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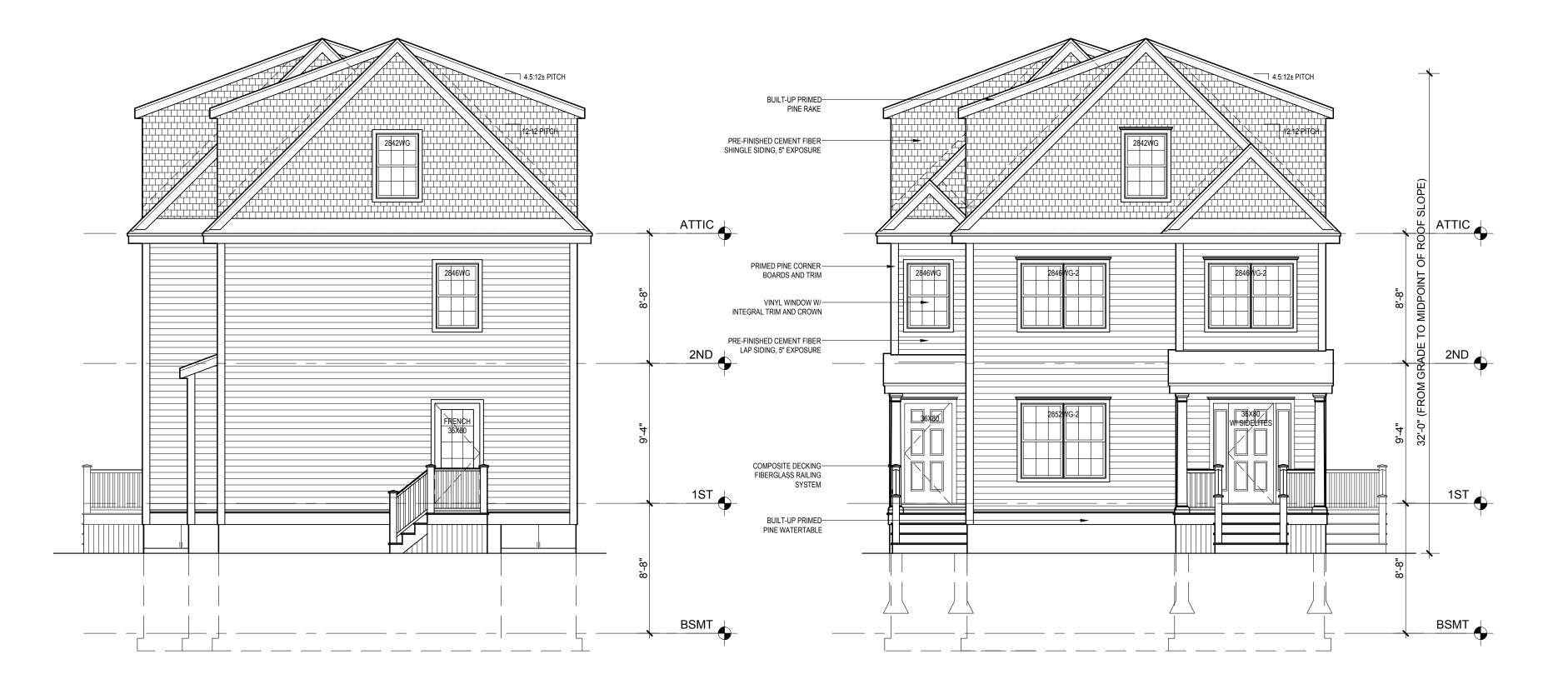
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- 4. Windows will be vinyl-clad.







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

Proposed Two-Family

107 Readville Street, Units A & B

Project Number: 22.0162

DRAWINGS

10.10.2022

10/13

2022

Residence at

Hyde Park, MA

Date:

Revisions:

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FRONT AND REAR ELEVATIONS

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

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

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NOTE: WINDOW MODEL NUMBER/SIZES PROVIDED ARE UNITED 5500 SERIES VINYL WINDOWS. TYPICAL FIRST FLOOR WINDOW HEAD HEIGHT IS 84" AND SECOND FLOOR IS 80" UNLESS NOTED OTHERWISE.

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Design Section
BOSTON REDEVELOPMENT AUTHORITY

Design Review for the Board of Appeal M. CANHIZZO

Signature

PROVISOS:

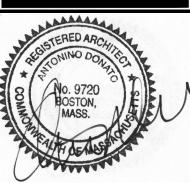
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DRAWINGS 2022

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

RIGHT SIDE ELEVATION

RIGHT SIDE ELEVATION

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

NOTE: WINDOW MODEL NUMBER/SIZES PROVIDED ARE UNITED 5500 SERIES VINYL WINDOWS. TYPICAL FIRST FLOOR WINDOW HEAD HEIGHT IS 84" AND SECOND FLOOR IS 80" UNLESS NOTED OTHERWISE.

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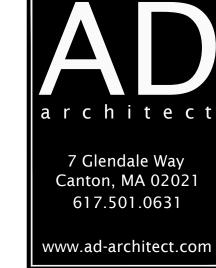
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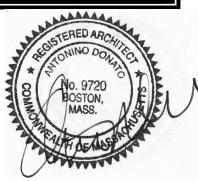
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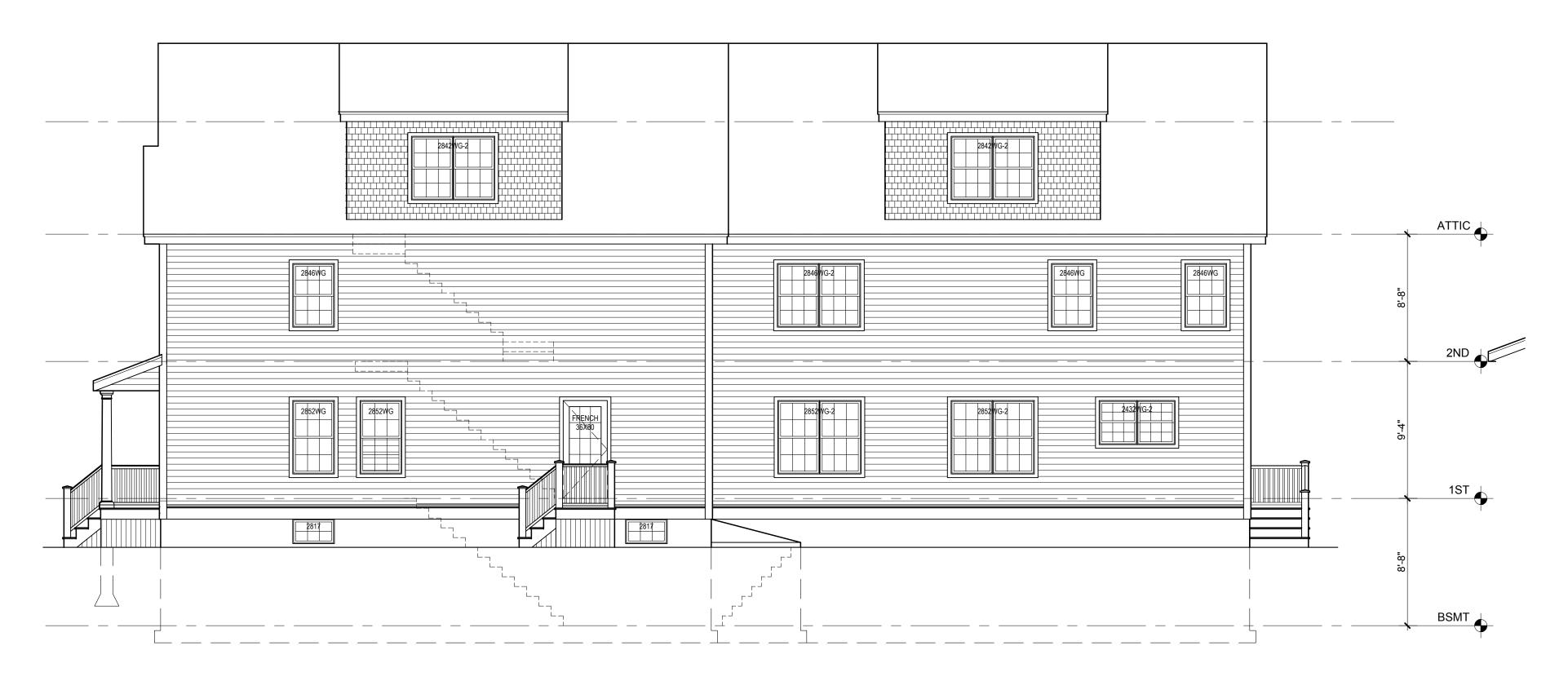
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ale: 3/16"=1'-0"

LEFT SIDE ELEVATION

LEFT SIDE ELEVATION
SCALE: 3/16"=1'-0"

NOTES:

4'-0"

STUDS - EXTERIOR WALLS TO BE 2X6s @ 16" OC., INTERIOR WALLS TO BE 2X4s UNO.

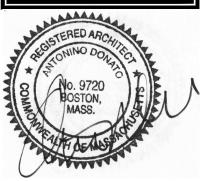
SILL PLATE/ANCHORS - SILL PLATE TO BE 2-2X6s P.T.; INSET2 ANCHOR BOLTS MIN. 8" IN TO TOP OF CONC. FOUND. WALL MIN. 48" O.C. AND 12" FROM CORNERS.

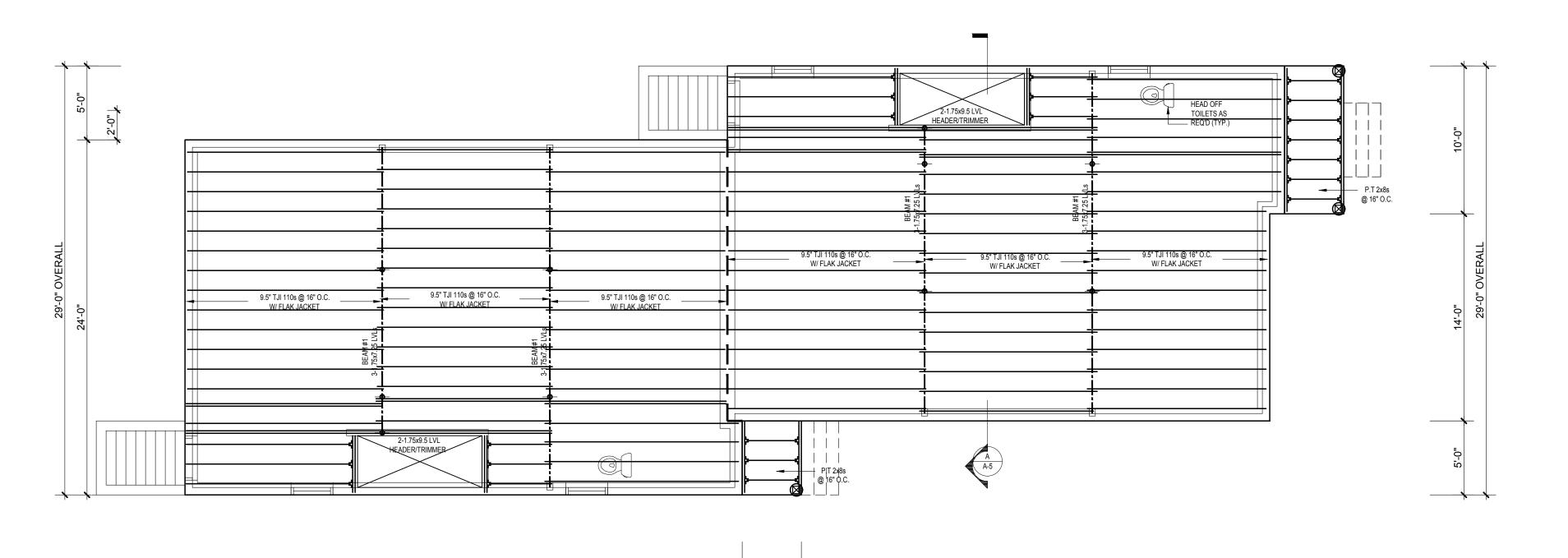
JOISTS AND RAFTERS - SOUTHERN PINE VISUALLY GRADED NO. 1 LUMBER OR BETTER UNO.

BRIDGING/BLOCKING - ALL JOISTS TO BE BRACED AT MID SPAN W/ BRIDGING OR SOLID BLOCKING.

HEADERS - ALL HEADERS AT OPENINGS TO BE MIN. 2-2X10s W/½" PLYWD. BETWEEN







4'-0"

74'-4" OVERALL

74'-4" OVERALL

37'-8"

35'-8"

36'-8"

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DRAWINGS

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

FIRST FLOOR FRAMING PLAN

FIRST FLOOR FRAMING PLAN
SCALE: 3/16"=1'-0"

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29'-0" OVERALL

NOTES:

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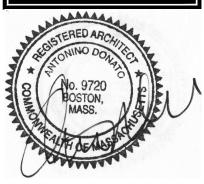
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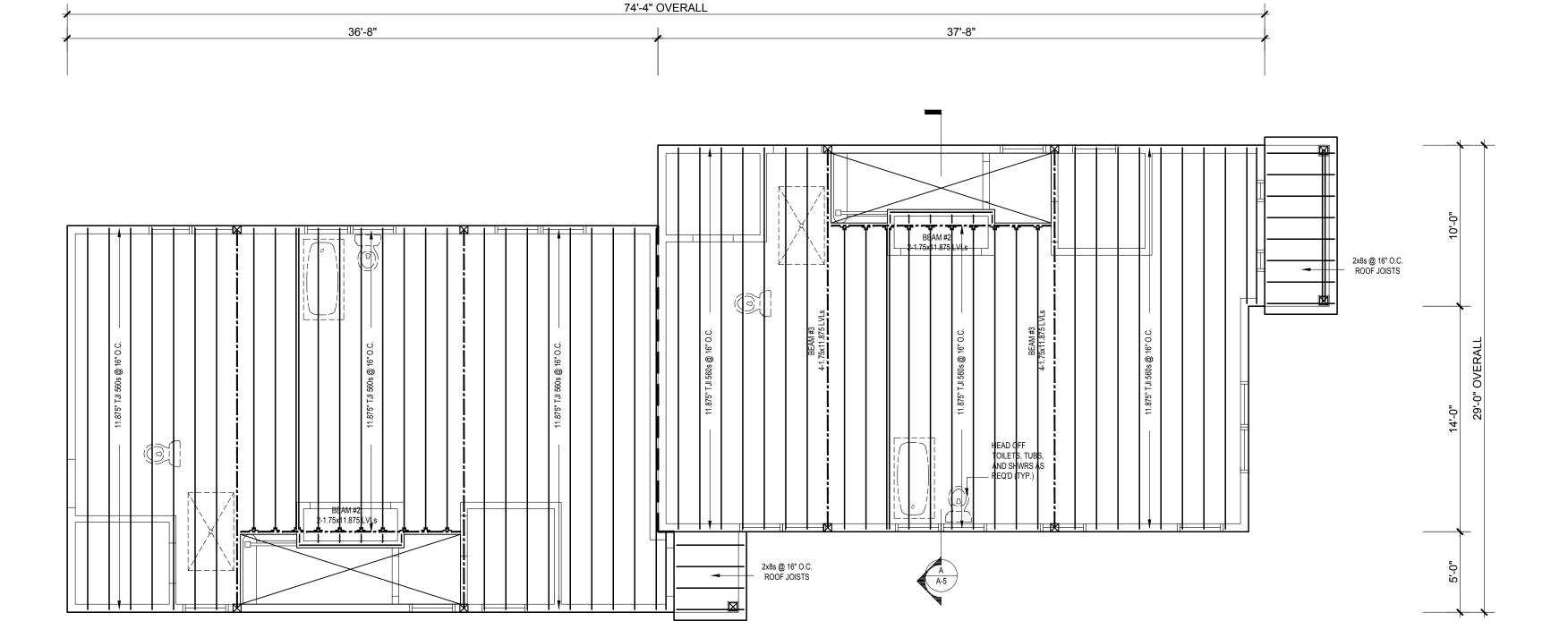
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37'-8" 35'-8" 74'-4" OVERALL

SECOND FLOOR FRAMING PLAN SCALE: 3/16"=1'-0"

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SECOND FLOOR FRAMING PLAN

29'-0" OVERALL

NOTES:

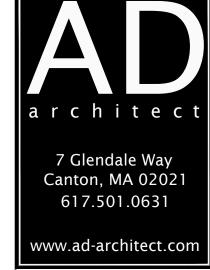
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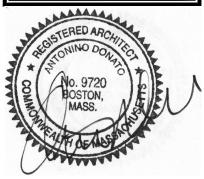
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Project Number: 22.0162 Date: 10.10.2022

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3/16"=1'-0"

ATTIC FLOOR FRAMING PLAN

A.11

11 875" TJJ 560s @ 16" O.C.		36'-8"	74'-4" OVERALL 37'-8"
	11.875" TJI 560s @ 16" O.C.	DE AM #2 2-1.75x 1.875 LVLs	30.91 @ 809 F1.528 III

ATTIC FLOOR FRAMING PLAN SCALE: 3/16"=1'-0"

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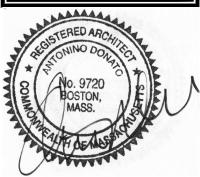
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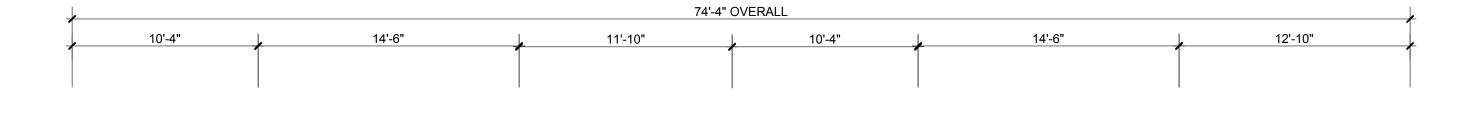
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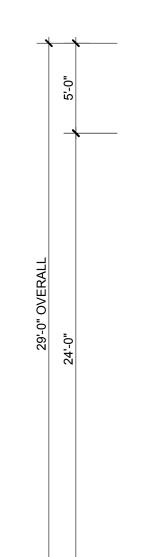
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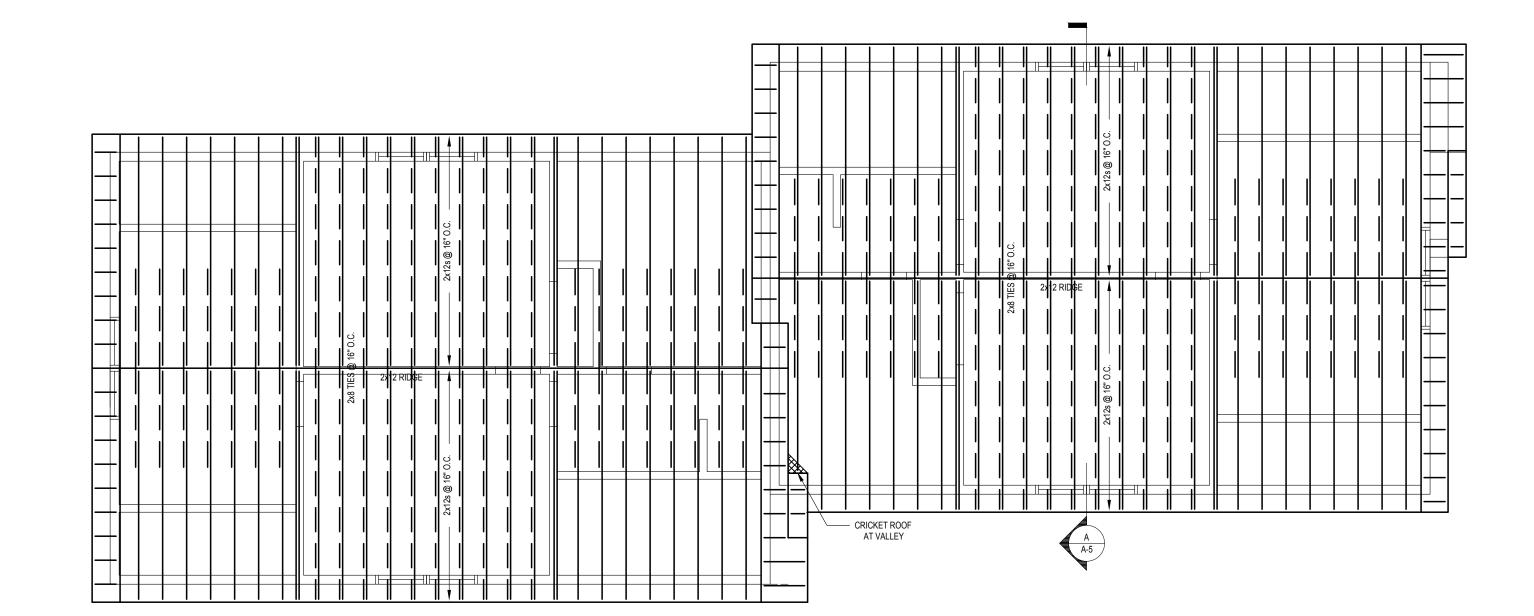
HEADERS - ALL HEADERS AT OPENINGS TO BE MIN. 2-2X10s W/ $\frac{1}{2}$ " PLYWD. BETWEEN

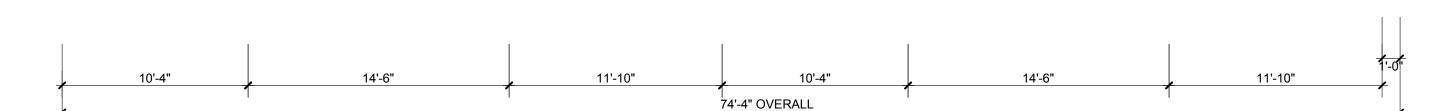












ROOF FRAMING PLAN SCALE: 3/16"=1'-0"

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ROOF FRAMING PLAN

3/16"=1'-0"