

(1) PROPOSED PERSPECTIVE VIE

## **GENERAL NOTES**

1. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL PERMITS REQUIRED FOR THIS PROJECT. ALL WORK SHALL COMPLY WITH THE MASSACHUSETTS STATE BUILDING CODE, 9TH EDITION. 2. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR MEANS, METHODS,

TECHNIQUES, SEQUENCING, SCHEDULING AND SAFETY FOR THIS PROJECT. 3. ALL WORK SHALL BE PERFORMED IN CONFORMANCE TO THE

MASSACHUSETTS STATE

4. THE CONTRACTOR SHALL VISIT THE SITE AND BE THOROUGHLY ACQUAINTED BUILDING CODE AND ALL OTHER APPLICABLE CODES AND LAWS. WITH THE PROJECT PRIOR TO SUBMITTING A PRICE. ADDITIONAL MONEY WILL NOT BE GRANTED FOR WORK NOT CLARIFIED PRIOR TO BIDDING.

5. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES BETWEEN DRAWINGS SPECIFICATIONS OR FIELD CONDITIONS TO THE ARCHITECT IMMEDIATELY.

6. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY WORK DAMAGED BY HIS FORCES WHILE PERFORMING THIS CONTRACT.

7. THE CONTRACTOR SHALL WARRANTEE HIS WORK FOR A PERIOD OF ONE

YEAR FROM THE DATE OF FINAL COMPLETION.

#### FOUNDATION NOTES:

- 1. ALL FOUNDATION FOOTINGS SHALL BE CARRIED DOWN TO A MINIMUM OF 4'-0" BELOW FINISH GRADE, OR DEEPER, IF NECESSARY, TO OBTAIN A SAFE SOIL BEARING PRESSURE OF 2 TONS PER SQUARE FOOT, FOUNDATION DESIGN IS BASED ON ASSUMED SOIL BEARING CAPACITY OF 2 TONS PER SQUARE FOOT.
- 2. ALL FOOTINGS SHALL BE PLACED ON UNDISTURBED SOIL; OR, ON ENGINEERED BANK RUN GRAVEL FILL MATERIAL WITH A MINIMUM DRY DENSITY OF 95 %
- 3. ALL FOOTING SHALL BE POURED IN THE DRY ONLY.
- 4. NO FOOTING SHALL BE POURED ON FROZEN GROUND.
- 5. THE MINIMUM REINFORCING FOR ALL FOUNDATION WALLS SHALL BE 2-#6 BARS AT THE TOP AND BOTTOM, CONTINUOUS; OR, AS SHOWN ON DRAWINGS.
- 6. LAP ALL BARS 40 DIAMETERS AND PROVIDE CORNER BARS.
- 7. ALL REINFORCEMENT: ASTM A615-60, WWF A185.

#### **CONCRETE NOTES**:

- 1. ALL CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI.
- 2. MAXIMUM SLUMP SHALL NOT EXCEED 3"; AND MAXIMUM; COARSE AGGREGATE SIZE SHALL NOT EXCEED 3/4" IN DIAMETER. 3. ALL CONCRETE SLABS SHALL BE POURED IN 900 SQUARE FOOT PANELS, MAXIMUM; OR, PROVIDE CONTROL JOINTS BY
- SAW CUTTING THE SLAB WHILE THE CONCRETE IS STILL GREEN.



375 High Street Unit 2 Street, Medford 02155 MA Tel: 617 3724291 antinea.noguera@anzzadesign.com Consultant Address Address Phone Fax e-mail

# WINDOWS

NEW WINDOW U-FACTOR CAN NOT BE LESS THE 0.32 (U.S/1-P) AND AIR LEAKAGE LESS THAN 0.3 CFM/SQ.FT. WINDOWS MOST HAVE TO HAVE NFRC LABEL FOR **U-FACTOR** 

#### NOTES

1. THE BASIC WIND SPEEDS FOR BOSTON, MA IS 108 MPH 2. THE GROUND SNOW LOADS FOR BOSTON, MA IS 45 PSF CMR MASSACHUSETTS STATE BUILDING CODE 9TH EDITION

#### **DESIGN LOADS:**

FLOORS - 40 P/S.F. (LIVE LOAD) ROOF - 50 P/S.F. DECK - 60 P/S.F.

### WOOD NOTES:

- 1. ALL LUMBER SHALL HAVE A MOISTURE CONTENT OF NOMORE THAN 19%. 2. ALL FRAMING LUMBER SHALL BE #2 HEM-FIR, OR BETTER, HAVING A MINIMUM:
- FB=1,200 PSI, FV=70 PSI, E=1,300,000 PSI.
- 3. ALL L.V.L. LUMBER DENOTED ON PLANS SHALL HAVE A MINIMUM: AND NOT MORE THAN 8'-0" O.C. 4. ALL JOIST SPANS SHALL HAVE ONE ROW OF 1" X 3: CROSS BRIDGING AT MID SPAN AND NOT MORE THAN 8'-O" O.C.
- 5. ALL STUD BEARING WALLS SHALL HAVE ONE ROW OF 2X HORIZONTAL BLOCKING AT 1/2 STUD HEIGHT, AND NOT MORE THAN 6'-O" O.C. MAXIMUM.
- 7. PROVIDE DOUBLE JOIST BELOW PARTITIONS PARALLEL TO JOIST FRAMING. 8. PROVIDE SOLID BRIDGING BELOW PARTITIONS PERPENDICULAR TO JOIST FRAMING.
- 9. PROVIDE SOLID BRIDGING BETWEEN JOIST FRAMING MEMBERS WHEN BEARING ON STUD PARTITIONS OR BEAMS.
- 11. PROVIDE DIAGONAL METAL STRAP BRACING AT ALL CORNERS AND WALL INTERSECTIONS, AT THE INSIDE FACE OF STUDS, FROM TOP PLATE TO FLOOR PLATE AT
- 45°, SIMPSON TYPE "CWB", OR EQUAL.
- 12. ALL BUILT-UP BEAMS SHALL BE BOLTED WITH 1/2" DIAMETER BOLTS, MEETING A307 STANDARDS, OR, AS NOTED ON DRAWINGS.

	Approved by:

# <u>32-34 DEWEY STREET BOSTON, MA</u> **NEW TWO FAMILY DWELLING**

- 6. PROVIDE AND INSTALL ALL NECESSARY TIMBER CONNECTORS WITH ADEQUATE STRENGTH.
- 10. PROVIDE A CONTINUOUS BAND JOIST AT EXTERIOR STUD WALLS.

#### WOOD LINTEL SCHEDULE:

Lintels over openings in bearing walls shall be as follows; Or as noted on drawings.			
Span of	opening:	Size: 2x6 studs	Size: 2x4 studs
Less the	an 4'-0"	3 - 2x4	2 - 2x4
Up to	6'-0"	3 - 2x6	2 - 2x6
Up to	8'-0"	3 - 2x8	2 - 2x8

3 - 2x10

2 - 2x10

### **CODE SUMMARY**

Up to 10'-0"

EXISTING		<u>PRC</u>
LOT AREA 6,277 SQ. SF		2 UI
		2 8
PROPOSED NEW TWO FAMILY DWELLINGS		EAC
RESIDENTIAL UNITS (2	2)	
FIRST FLOOR AREA SECOND FLOOR AREA	1,840 SF APPROX. 1,855 SF APPROX.	CO
BASEMENT FLOOR AREA	1,887 SF APPROX.	
NOT SPRINKLER BUILDING	3	

**EXISTING** 

NOT STRUCTURE

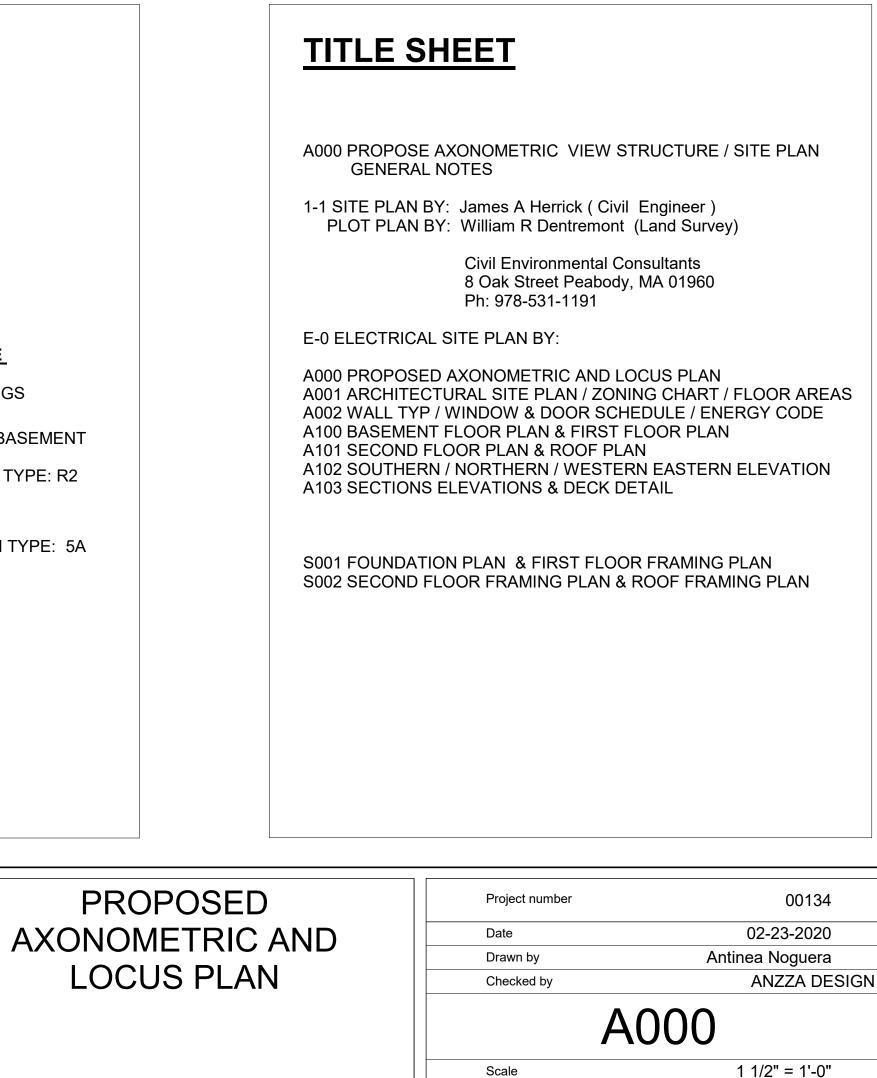
# PROPOSED TWO **RESIDENTIAL UNITS** DWELLINGS

32-34 DEWEY STREET BOSTON, MA

No.	Description	Date
1	Addressed Comments by City	
2	Addressed Comments by City	
	Description of Revision	

# LOCUS PLAN



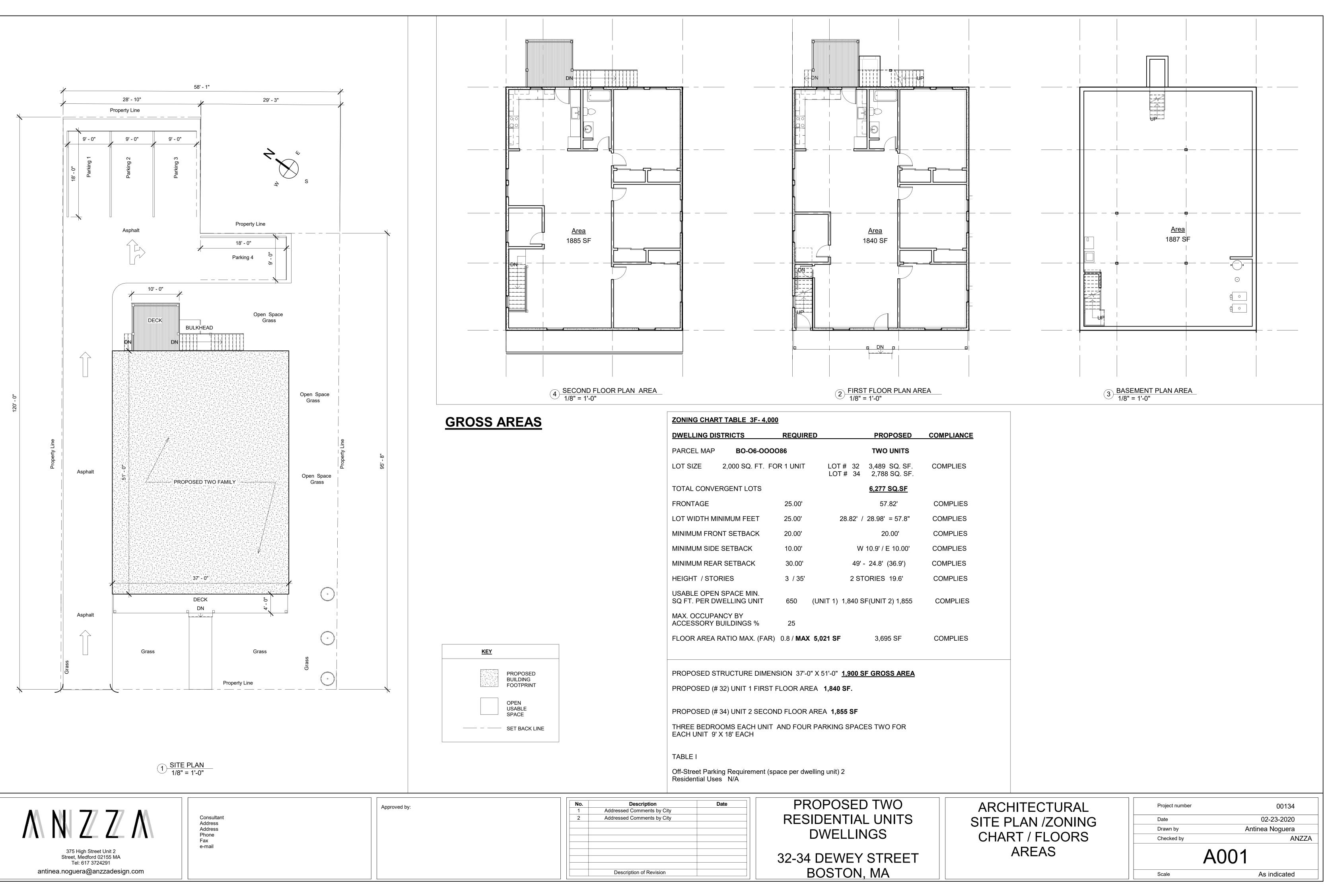


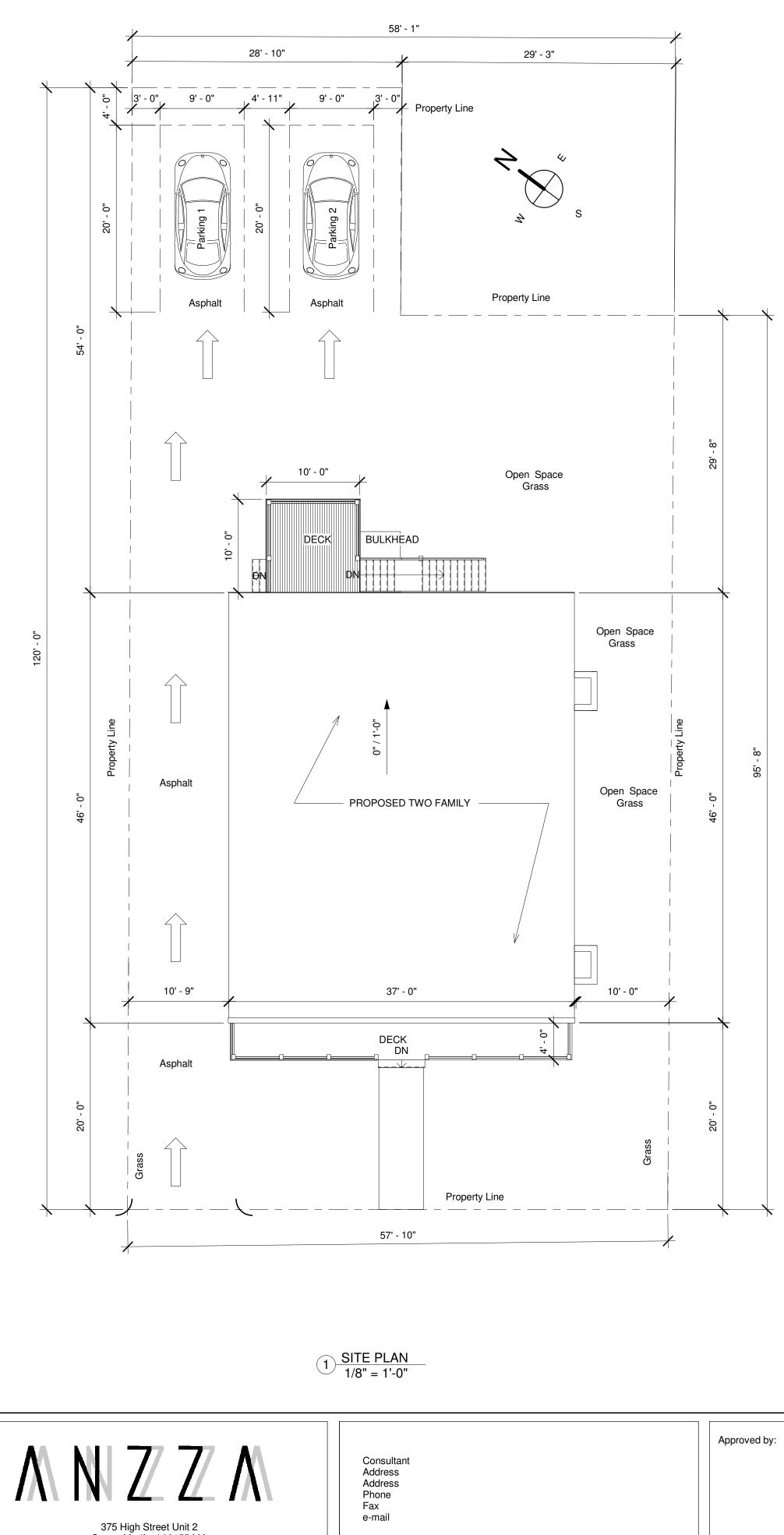
ROPOSED USE

JNIT DWELLINGS

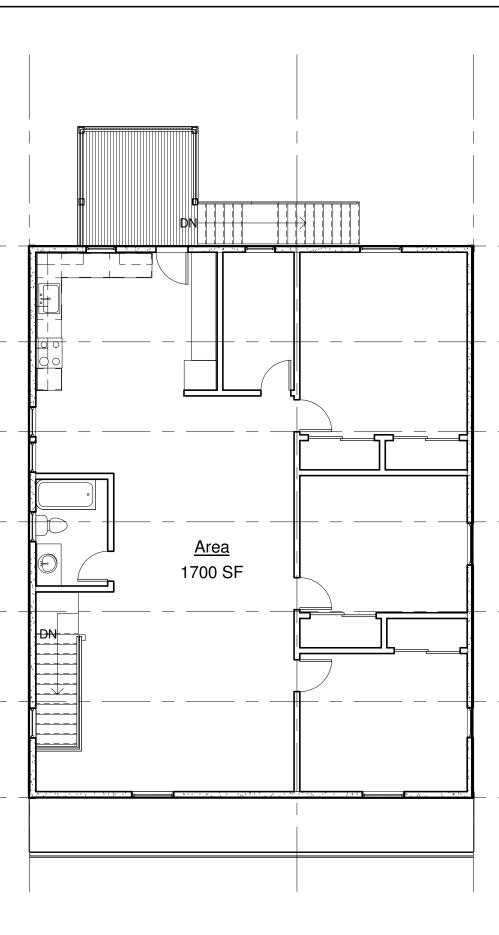
STORY AND BASEMENT ACH BUILDING TYPE: R2

**DNSTRUCTION TYPE: 5A** 

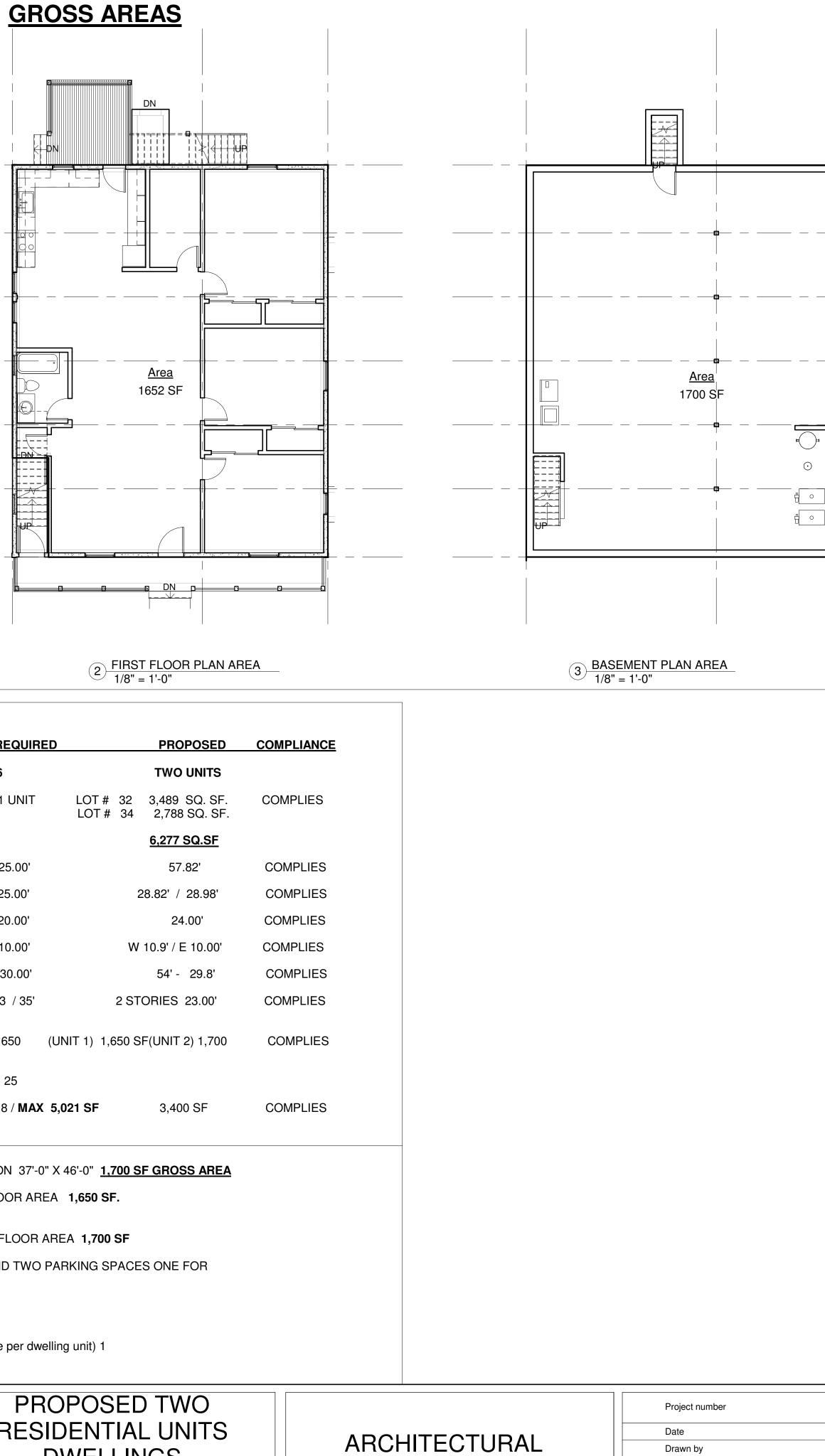




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4 SECOND FLOOR PLAN AREA 1/8" = 1'-0"



SITE PLAN /ZONING

CHART / FLOORS

AREAS

#### ZONING CHART TABLE 3F- 4,000

	O UNITS
PARCEL MAP <b>BO-06-00086 TW</b>	
	9 SQ. SF. 88 SQ. SF.
TOTAL CONVERGENT LOTS 6,27	7 SQ.SF
FRONTAGE 25.00' 5	57.82'
LOT WIDTH MINIMUM FEET 25.00' 28.82'	/ 28.98'
MINIMUM FRONT SETBACK 20.00'	24.00'
MINIMUM SIDE SETBACK 10.00' W 10.9'	/ E 10.00'
MINIMUM REAR SETBACK 30.00' 54'	- 29.8'
HEIGHT / STORIES 3 / 35' 2 STORIES	S 23.00'
USABLE OPEN SPACE MIN. SQ FT. PER DWELLING UNIT 650 (UNIT 1) 1,650 SF(UNI	T 2) 1,700
MAX. OCCUPANCY BY ACCESSORY BUILDINGS % 25	
FLOOR AREA RATIO MAX. (FAR) 0.8 / <b>MAX 5,021 SF</b> 3,4	400 SF

PROPOSED STRUCTURE DIMENSION 37'-0" X 46'-0" 1,700 SF GROSS AREA PROPOSED (# 32) UNIT 1 FIRST FLOOR AREA 1,650 SF.

PROPOSED (# 34) UNIT 2 SECOND FLOOR AREA 1,700 SF THREE BEDROOMS EACH UNIT AND TWO PARKING SPACES ONE FOR EACH UNIT 9' - 0" X 20' -0" EACH

TABLE I

Off-Street Parking Requirement (space per dwelling unit) 1 Residential Uses N/A

No.	Description	Date
1	Addressed Comments by City	
2	Addressed Comments by City	
	Description of Povision	
	Description of Revision	

PROPOSED TWO **RESIDENTIAL UNITS** DWELLINGS 32-34 DEWEY STREET

BOSTON, MA

<u>KEY</u>

PROPOSED BUILDING FOOTPRINT

OPEN USABLE SPACE

- - - SET BACK LINE

00134 06-09-2019 AN ANZZA

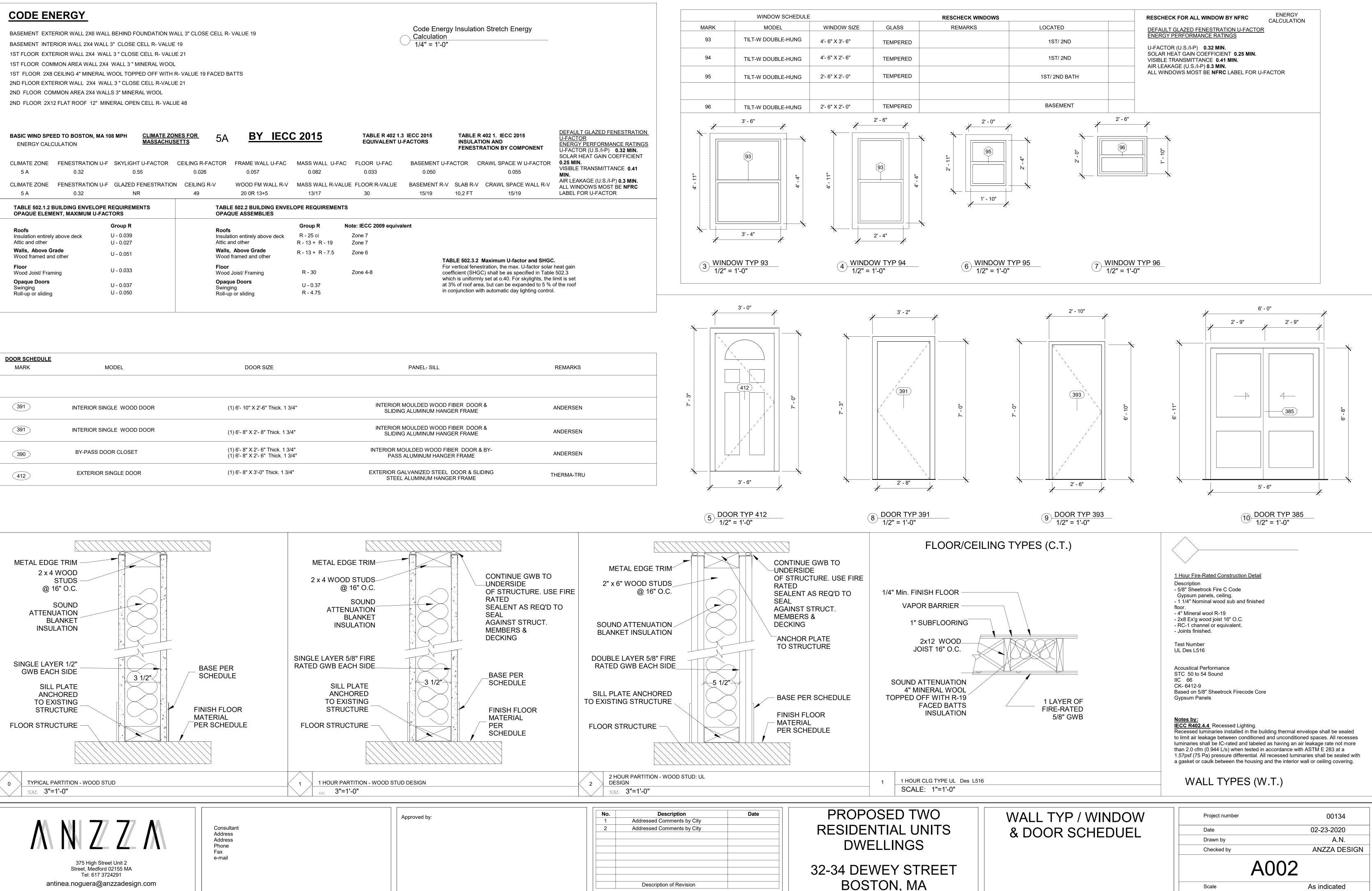
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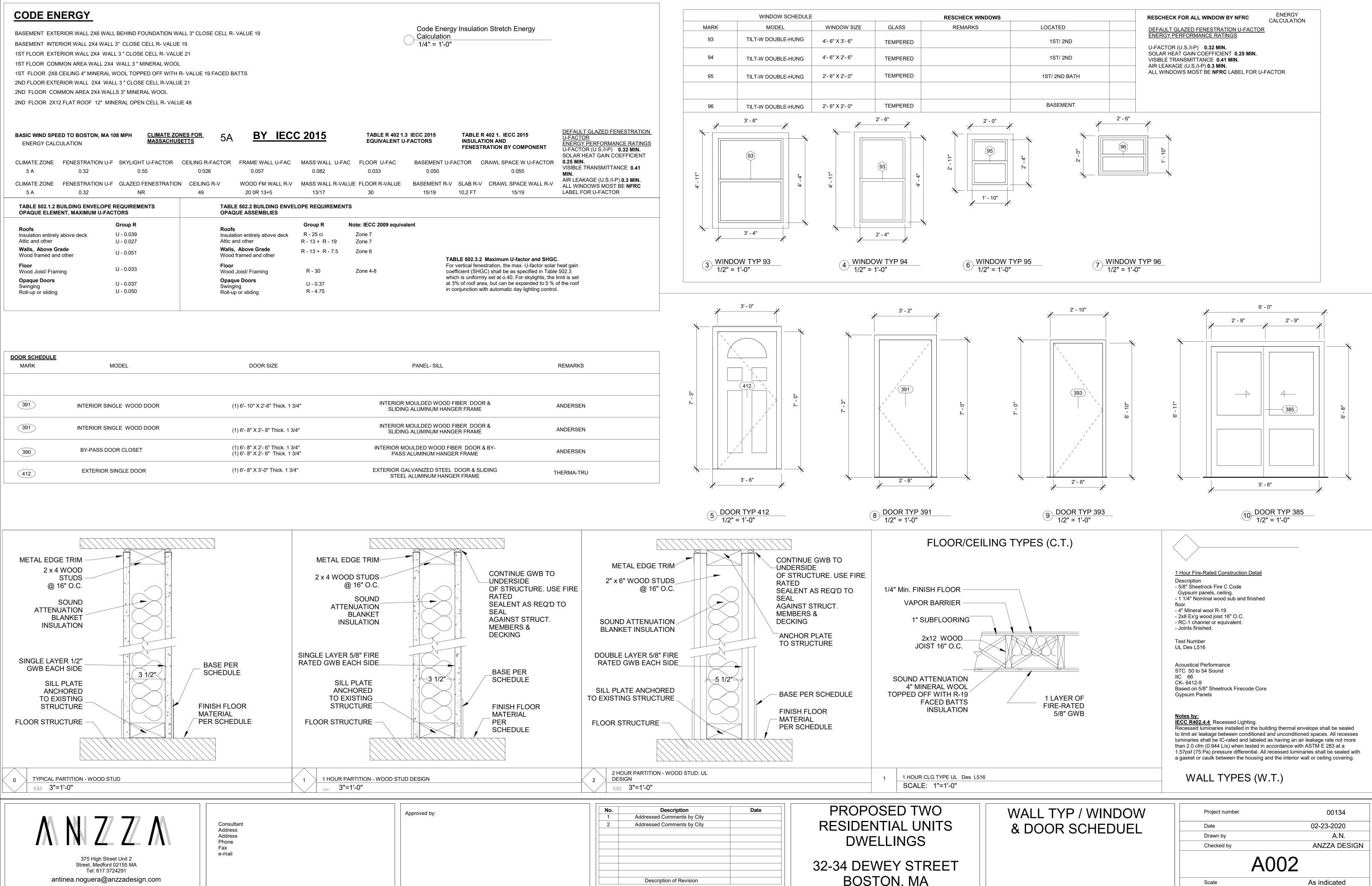
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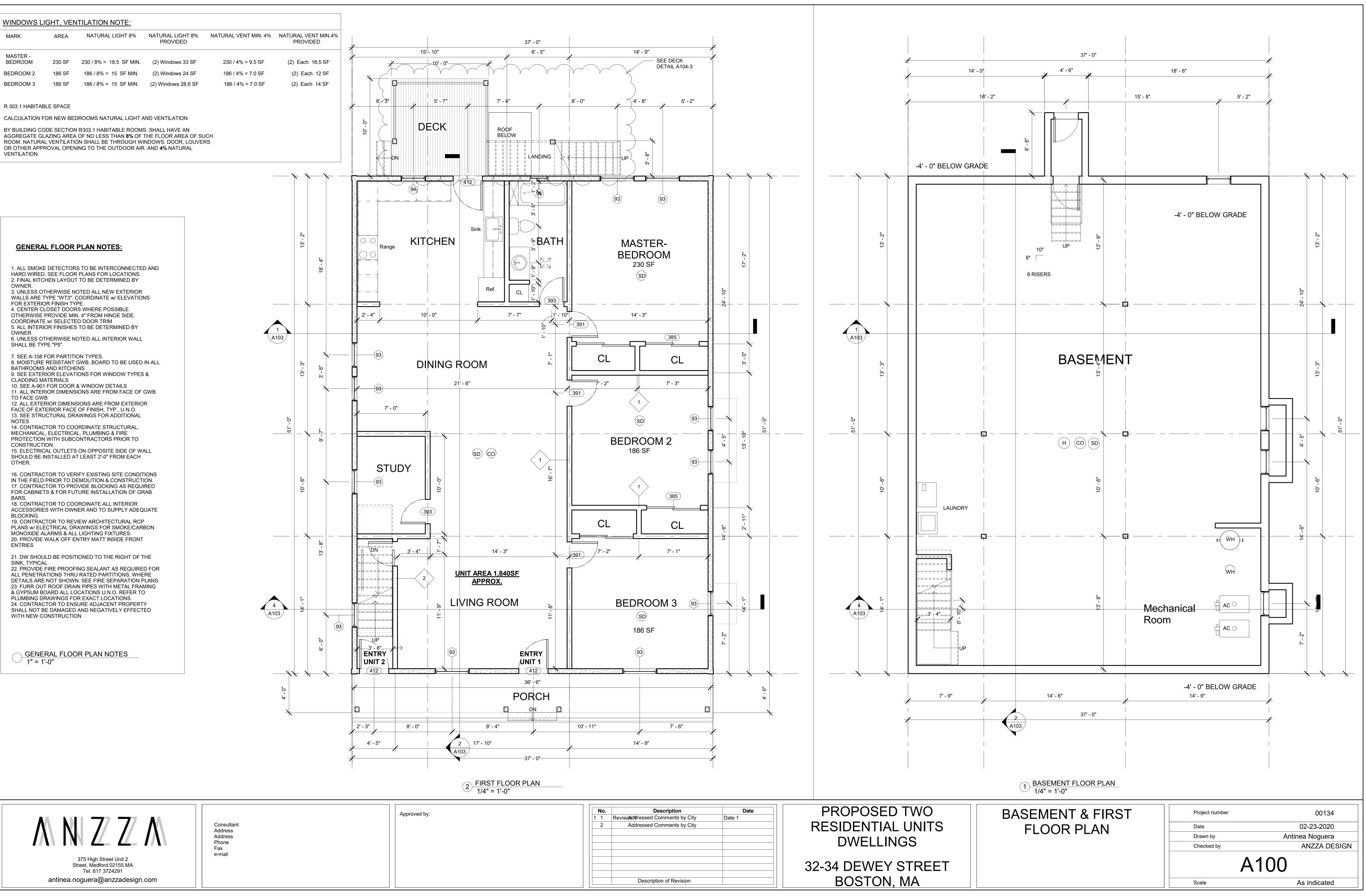
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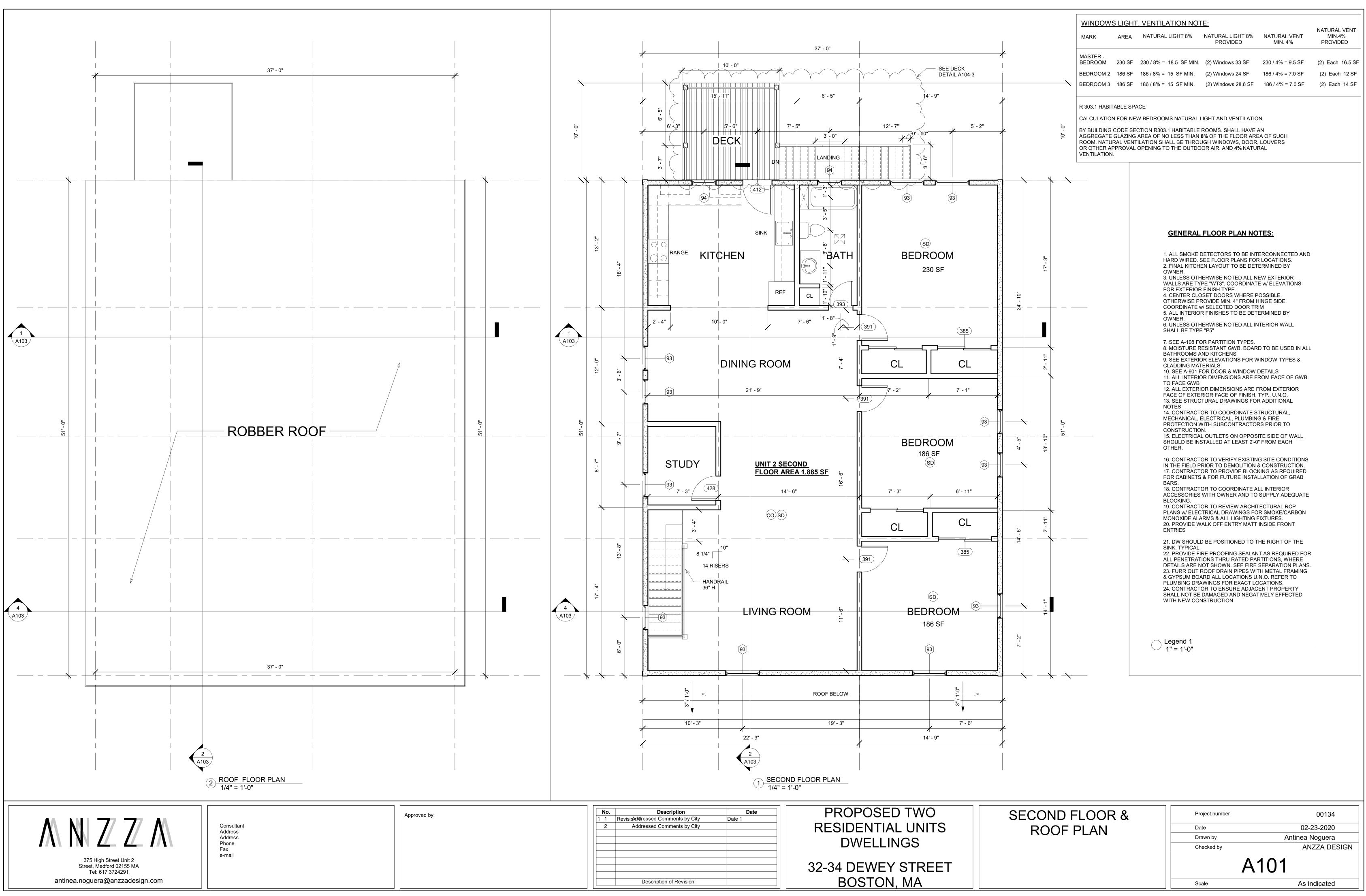
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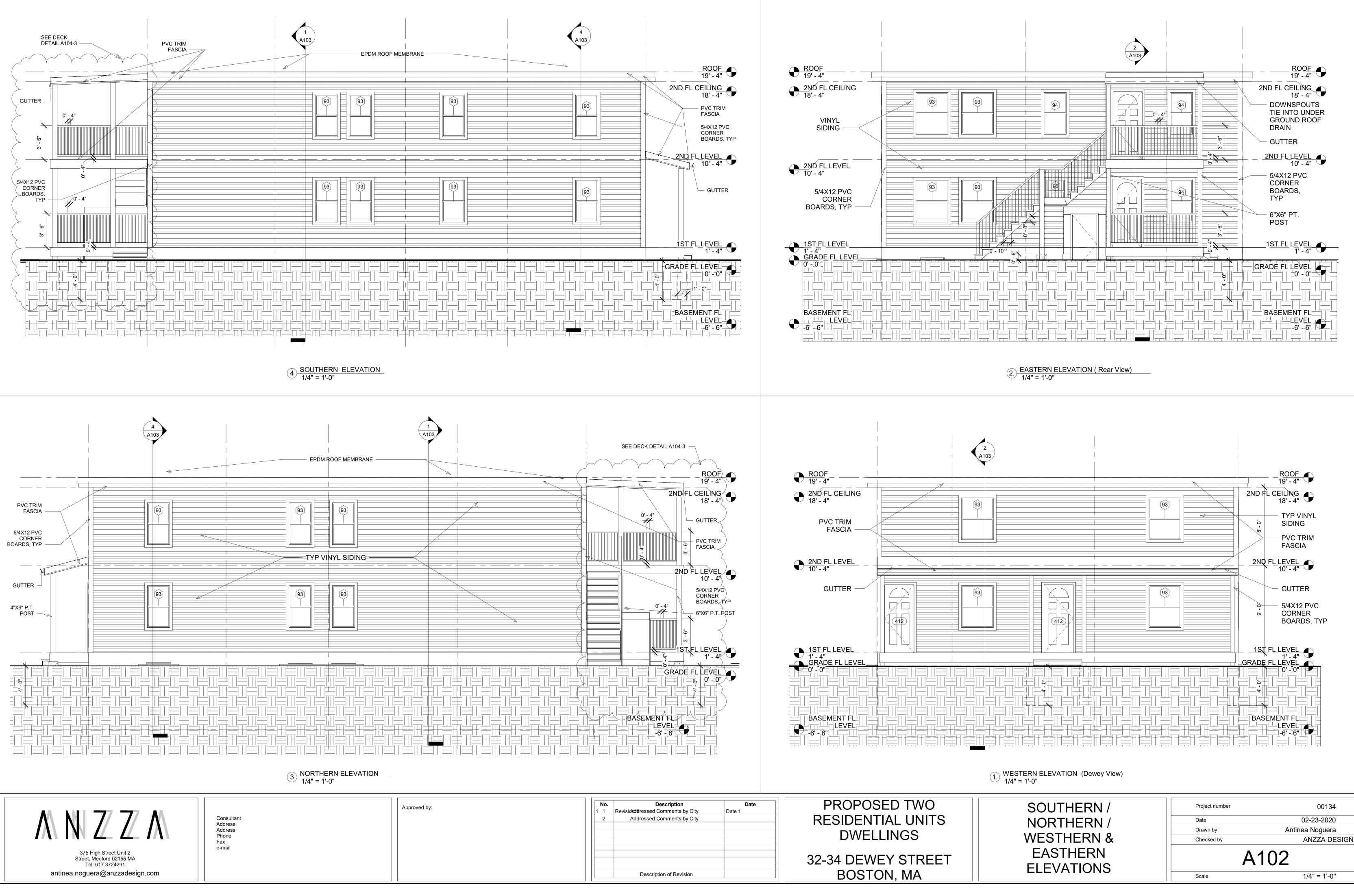
**BY IECC 2015** BASIC WIND SPEED TO BOSTON, MA 108 MPH CLIMATE ZONES FOR TABLE R 402 1.3 IECC 2015 5A MASSACHUSETTS **EQUIVALENT U-FACTORS** ENERGY CALCULATION CLIMATE ZONE FENESTRATION U-F SKYLIGHT U-FACTOR CEILING R-FACTOR FRAME WALL U-FAC MASS WALL U-FAC FLOOR U-FAC 0.32 0.55 0.057 0.033 0.050 5 A 0.026 0.082 FENESTRATION U-F GLAZED FENESTRATION CEILING R-V MASS WALL R-VALUE FLOOR R-VALUE CLIMATE ZONE WOOD FM WALL R-V 5 A 0.32 NR 20 0R 13+5 13/17 15/19 49 30 TABLE 502.1.2 BUILDING ENVELOPE REQUIREMENTS TABLE 502.2 BUILDING ENVELOPE REQUIREMENTS OPAQUE ASSEMBLIES **OPAQUE ELEMENT, MAXIMUM U-FACTORS** Group R Group R Note: IECC 2009 equivalent Roofs U - 0.039 R - 25 ci Insulation entirely above deck Zone 7 Insulation entirely above deck Attic and other U - 0.027 Attic and other R - 13 + R - 19 Zone 7 Walls, Above Grade Walls, Above Grade R - 13 + R - 7.5 Zone 6 U - 0.051 Wood framed and other Wood framed and other Floor U - 0.033 R - 30 Zone 4-8 Wood Joist/ Framing Wood Joist/ Framing **Opaque Doors Opaque Doors** U - 0.037 U - 0.37 Swinging Swinging U - 0.050 R - 4.75 Roll-up or sliding Roll-up or sliding











Description of Revision	

