

BPDA Design Review Provisos 1149 Harrison Avenue, Roxbury Neighborhood Design Review 9/5/23

#### General

- 1. All changes to the exterior and/or site plans shall be submitted to the Boston Planning & Development Agency ("BPDA") for review and approval.
- 2. All building improvements shall be completed *prior to issuance of occupancy permit by ISD* unless prior approval is granted by the BPDA.
- 3. All site improvements, including but not limited to hardscape and plantings, must be completed *prior to issuance of occupancy permit by ISD* unless prior approval is granted by the BPDA for a delay in completing the site improvements.

#### Site

- 4. An updated certified plot plan shall be submitted to the BPDA for review and approval.
- 5. Curb-cuts should be limited to 10ft wide for residential projects, and 20ft wide for commercial projects. The pedestrian sidewalk must be continuous over the access driveway.
- 6. All new trees shall be a minimum 3" in caliper.

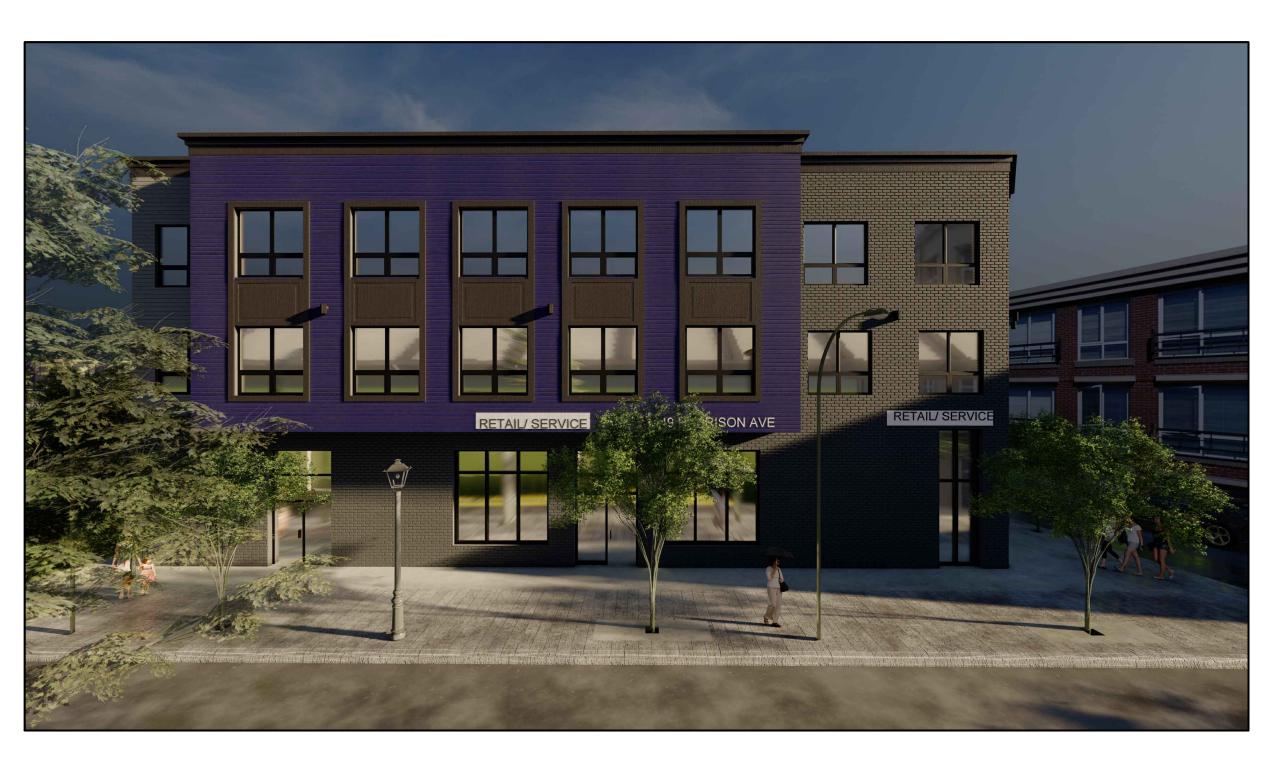
#### Building

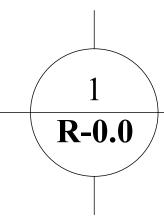
7. All proposed signage shall be submitted to the BPDA for review and approval.

#### Mechanical

8. The final location of the HVAC compressors, gas meters, electric meters, generators, switchgear, and transformers shall be adequately screened from public view and will not be allowed in the front yard.

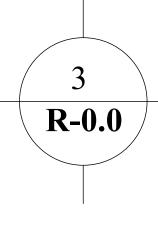
9. All mechanical vents shall be through the roof or rear wall and shall not be visible from the public street. Vents located on elevations that do not directly face a public way should be composed on the facade so as to minimize their appearance.





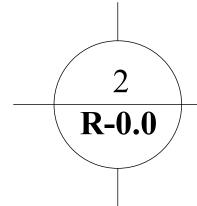
**PROPOSED VIEW FROM HARRISON AVE** SCALE: N/A



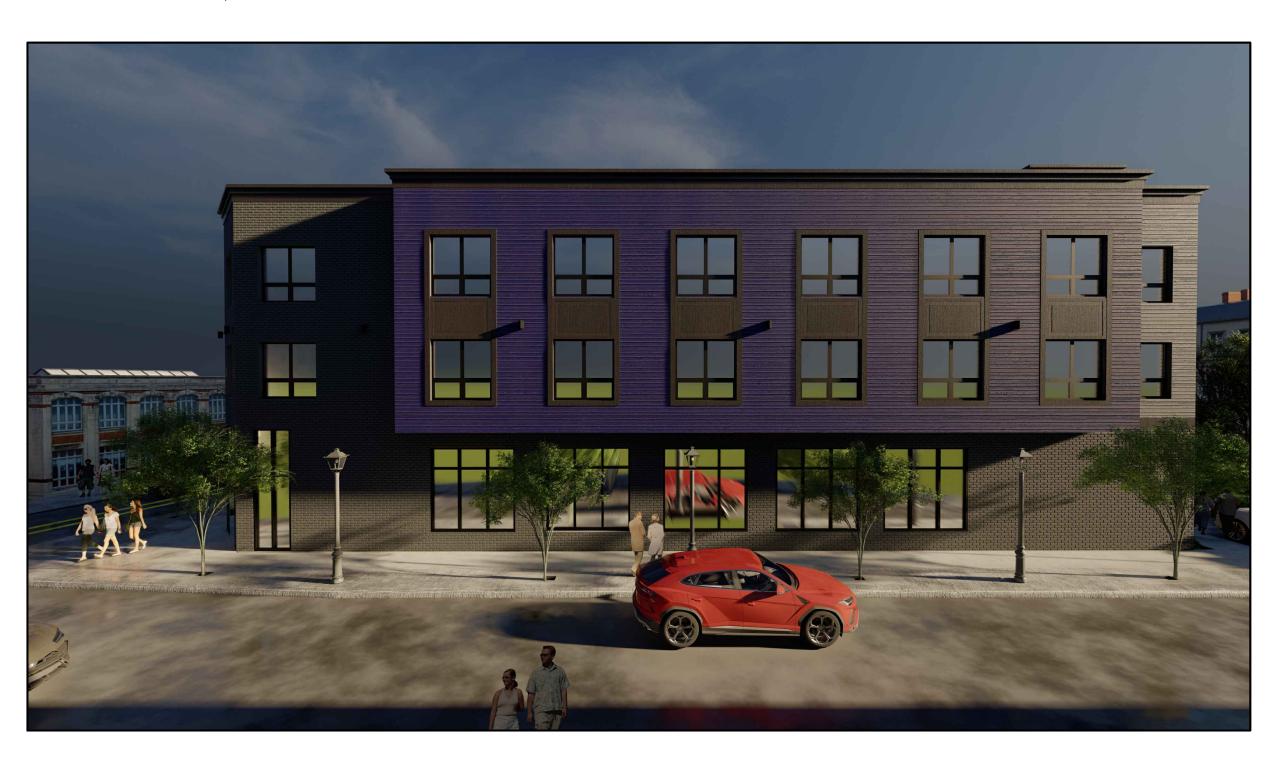


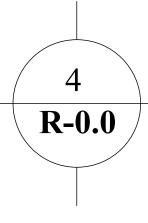
**PROPOSED VIEW FROM CORNER OF HARRISON AVE AND TABER ST** SCALE: N/A



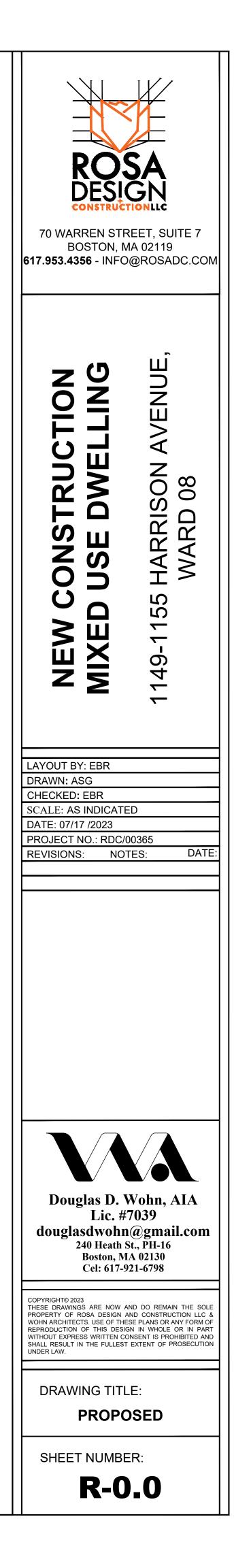


**PROPOSED VIEW FROM REAR** SCALE: N/A





**PROPOSED VIEW FROM TABER ST** SCALE: N/A



# **NEW CONSTRUCTION MIXED USE DWELLING** 1149 - 1155 HARRISON AVENUE, WARD 08



63.09

SOLIARE EDA

http://maps.bostonredevelopmentauthority.org/zoningviewer/

**RENDER SHOWING CONTEXT** 



### https://bit.ly/310467P

## GENERAL NOTES

1. ALL WORK SHALL BE PERFORMED IN CONFORMANCE TO THE LATEST EDITION OF THE MASSACHUSETTS STATE BUILDING CODE AND ALL OTHER APPLICABLE CODES AND LAWS.

2. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL PERMITS **REQUIRED FOR THIS PROJECT.** 

3. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR MEANS, METHODS,

TECHNIQUES, SEQUENCING, SCHEDULING AND SAFETY FOR THIS PROJECT.

4. THE CONTRACTOR SHALL VISIT THE SITE AND BE THOROUGHLY AQUATINTED 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 THIS OFFICE IMMEDIATELY. 6. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY WORK DAMAGED BY HIS

FORCES WHILE PERFORMING THIS CONTRACT.

7. THE CONTRACTOR SHALL GIVE A WARRANTY FOR HIS WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL COMPLETION.

8. ALL DIMENSIONS AND CONDITIONS SHALL BE FIELD VERIFIED, AND THIS OFFICE SHALL BE NOTIFIED OF INCONSISTENCIES IMMEDIATELY UPON DISCOVERY AND BEFORE PROCEEDING WITH THE WORK.

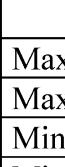
9. TAKE FIELD MEASUREMENTS BEFORE FABRICATION WORK TO ENSURE THAT COMPONENTS FIT TOGETHER PROPERLY.

### INI

ARCH R-0.0

- A-0.0
- B-0.1 D-1.0
- A-0.1
- A-0.2
- A-0.3
- A-0.4 A-0.5
- A-1.0
- A-1.1 A-1.2
- A-1.3
- A-1.3.1
- A-1.4 A-1.5
- A-1.6
- A-2.0 A-2.0
- A-3.0
- A-3.1
- A-4.0
- A-4.1
- A-5.0 A-5.1
- A-5.2
- A-5.3
- S-1.0 S-1.1
- S-1.2





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1D	EX			Approved wattached pr	
HIT	ECTURAL	S-1.3	CONSTRUCTION DETAILS (STAIRS)	ELECTI	RICAL
)	RENDER	S-1.4	CONSTRUCTION DETAILS (WOOD FRAMED	E1	FIRST FLOOR POWER PLAN
)	COVER SHEET	PARTITI	ION)	E2	SECOND FLOOR POWER PLAN
_	EXISTING CONDITIONS (SCHEMATIC SITE PLAN)	S-1.5	CONSTRUCTION DETAILS	E3	THIRD FLOOR POWER PLAN
)	PROPOSED (ZONIFICATION PLANS/APT. TYPES)			E4	ROOF POWER PLAN
l	PROPOSED ( SCHEMATIC SITE PLAN)	<b>STRUC</b>	ΓURAL	E5	FIRST FLOOR LIGHTING PLAN
2	PROPOSED (DOORS SCHEDULE)	S000	GENERAL NOTES	E6	SECOND FLOOR LIGHTING PLAN
3	PROPOSED (WINDOWS SCHEDULE)	S001	FASTENING SCHEDULE	E7	THIRD FLOOR LIGHTING PLAN
1	WINDOWS DETAILS	S101	PROPOSED FOUNDATION PLAN	E8	ROOF LIGHTING PLAN
5	MATERIAL PALETTE STUDY	S102	PROPOSED SECOND FLOOR FRAMING PLAN	E9	ELECTRICAL NOTES
)	PROPOSED (FIRST FLOOR PLAN)	S103	PROPOSED THIRD FLOOR FRAMING PLAN	E10	ELECTRICAL RISER & SCHEDULES
l	PROPOSED (SECOND FLOOR PLAN)	S104	PROPOSED ROOF FRAMING PLAN		
2	PROPOSED (THIRD FLOOR PLAN)	S200	TYPICAL DETAILS	FIRE AI	LARM
3	PROPOSED (ROOF DECK PLAN)			FA1	FIRST FLOOR FIRE ALARM PLAN
3.1	PROPOSED (ROOF PLAN)	HVAC		FA2	SECOND FLOOR FIRE ALARM PLAN
1	PROPOSED (FIRST FLOOR REFLECTED CEILING PLAN)	H1.1	HVAC FIRST/ SECOND FLOOR PLAN	FA3	THIRD FLOOR FIRE ALARM PLAN
5	PROPOSED (SECOND REFLECTED CEILING FLOOR PLAN)	H1.2	HVAC THIRD/ ROOF FLOOR PLAN	FA4	ROOF FIRE ALARM PLAN
5	PROPOSED (THIRD REFLECTED CEILING FLOOR PLAN)	H2.1	HVAC NOTES	FA5	FIRE ALARM NOTES
)	PROPOSED (TABER NORTH/ RIGHT ELEVATIONS)	H2.2	HVAC SCHEDULES		
)	PROPOSED (LEFT/ REAR ELEVATIONS)	H2.3	HVAC DETAILS		
)	PROPOSED (BUILDING/ WALL SECTIONS)	H2.4	HVAC DETAILS		
l	PROPOSED (STAIRS CASE PLAN/ SECTIONS)	H2.5	HVAC DETAILS	G	ENERAL SYMBOLS
)	PROPOSED (ENLARGED BATHROOM PLAN/ELEVATIONS)	PLUMB	ING		
L	PROPOSED (ENLARGED BATHROOM/ KITCHEN PLAN/ELEVATIONS)	P1.1	PLUMBING FIRST/ SECOND FLOOR PLAN		ROOM NAME ROOM TAG
)	PROPOSED (FIRST FLOOR SAFETY PLAN)	P1.2	PLUMBING THIRD FLOOR PLAN		BREAK LINE
l	PROPOSED (SECOND FLOOR SAFETY PLAN)	P2.1	PLUMBING NOTES		V
2	PROPOSED (THIRST FLOOR SAFETY PLAN)	P2.2	PLUMBING SCHEDULES & NOTES	Ē	WINDOW
3	PROPOSED (CODE ANALYSIS)	P2.3	PLUMBING DETAILS		
	CONSTRUCTION DETAILS	P2.4	PLUMBING DETAILS		d DOOR
	CONSTRUCTION DETAILS (ELEVATOR)	P2.5	PLUMBING DETAILS		
	CONSTRUCTION DETAILS	P2.6	PLUMBING DETAILS		OBJECT ABOVE OR BELOW

# TABLE C: Roxbury Neighborhood District - Economic

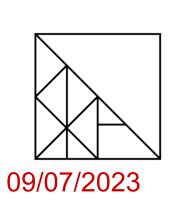
Devolopment Areas - Dimensional Regulations

	Dudley Square EDA	Proposed
ximum Floor Area Ratio	2.0	0.7
ximum Building Height	55 <sup>(1)</sup>	44'-0"
nimum Lot Size	none	none
nimum Usable Open Space (Square Feet per	none	none
velling Unit)		
nimum Lot Width	none	none
nimum Lot Frontage	none	none
nimum Front Yard <sup>(3)</sup>	none <sup>(2)</sup>	none
nimum Side Yard	none	none
nimum Rear Yard	20	26'-6"
ates to Table C		

Footnotes to Table C

1. For maximum Building Heights and Floor Area Ratios in established Planned Development Areas in the Dudley Square EDA and Greater Roxbury EDA, see Section 50-14 (Planned Development Areas: Use and Dimensional Regulations).

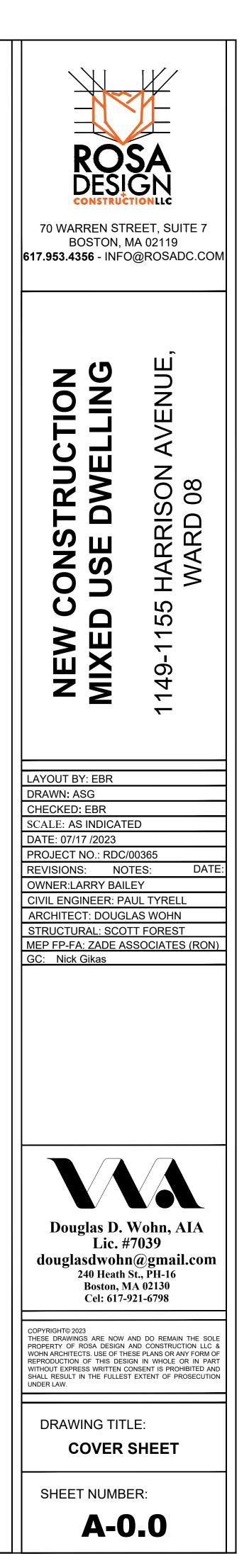




APPROVED DESIGN REVIEW BOSTON REDEVELOPMENT AUTHORITY

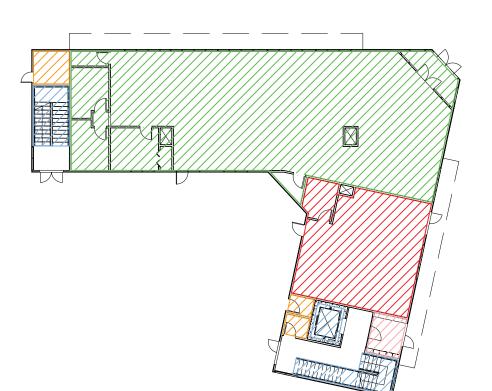
SIGNATURE Seth Ris

GENERA	AL SYMBOLS
ROOM NAM	E ROOM TAG
	BREAK LINE
	WINDOW
	DOOR
	OBJECT ABOVE OR BELOW
$\boxtimes$	COMBO - EXHAUST LIGHT
1 B-2.1	EXTERIOR ELEVATION
ZONING	
ZONING DISTRICT:	ROXBURY NEIGHBORHOOD
ZONING SUBDISTRICT	DUDLEY SQUARE EDA
SUBDISTRICT TYPE:	ECONOMIC DEVELOPMENT ARE
MAP NO.:	6A-6C
ARTICLE:	50 (TABLE; APPENDIX)
ASSESSOR	'S REPORT
PARCEL ID: PROPERTY TYPE:	0802541000
CLASSIFICATION CODI PROPERTY / PAY PARI	E: 0387 (COMMERCIAL KING LOT)
LOT SIZE:	16,284 SQ FT



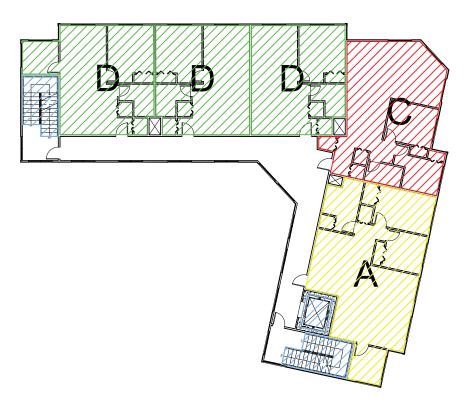


# ZONIFICATION



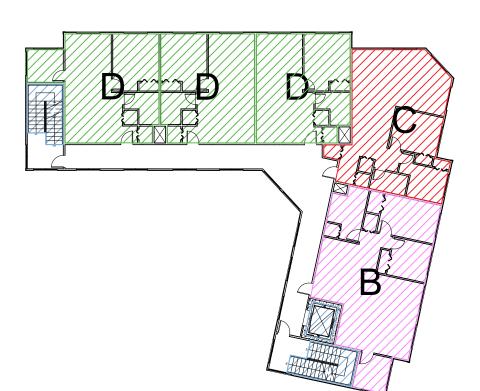
### FIRST FLOOR

	OPEN SHELL 1 (3,008 S.F.)
	OPEN SHELL 2 (905 S.F.)
	LOBBY (20 S.F.)
	VERTICAL CIRCULATION
	UTILITY ROOM (32 S.F.)



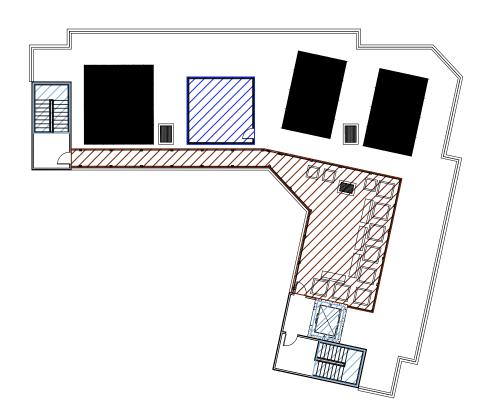
### **SECOND FLOOR**

APT. TYPE D (3 Units)
APT. TYPE C (1 Unit)
APT. TYPE A (1 Unit)
VERTICAL CIRCULATION



### **THIRD FLOOR**

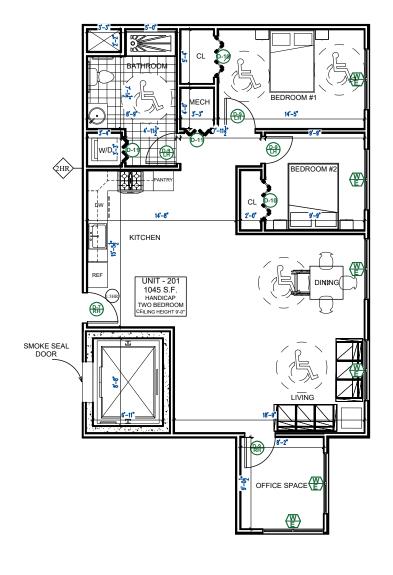
APT. TYPE D (3 Units)
APT. TYPE C (1 Unit)
APT. TYPE B (1 Unit)
VERTICAL CIRCULA

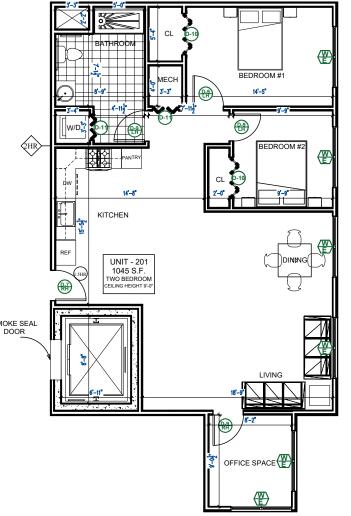


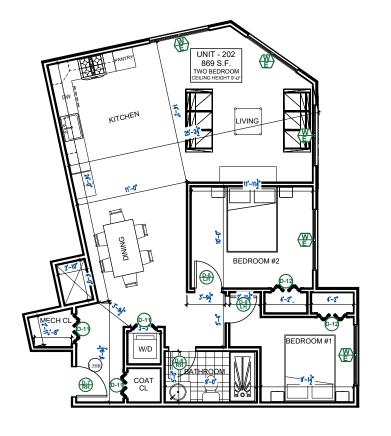
### **ROOF FLOOR**

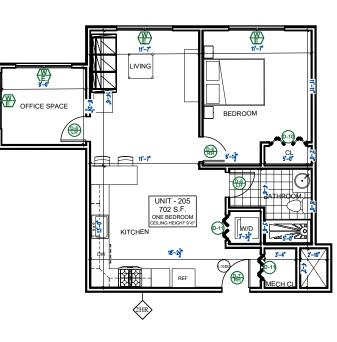
- ROOF DECK (10 Units)
- MECHANICAL PENT HOUSE (1 Unit)
- VERTICAL CIRCULATION
- SOLAR PANEL READY

# **APT. TYPES**









TYPE A TWO BEDROOM HANDICAP BATHROOM (1045 S.F.)

# TYPE B

TWO BEDROOM BATHROOM (1045 S.F.)

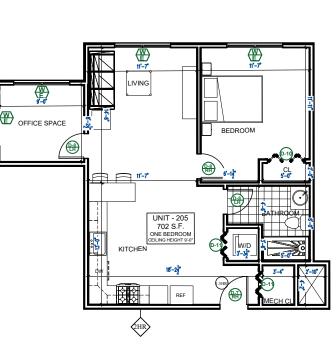
TYPE C TWO BEDROOM TWO BATHROOM (869 S.F.)

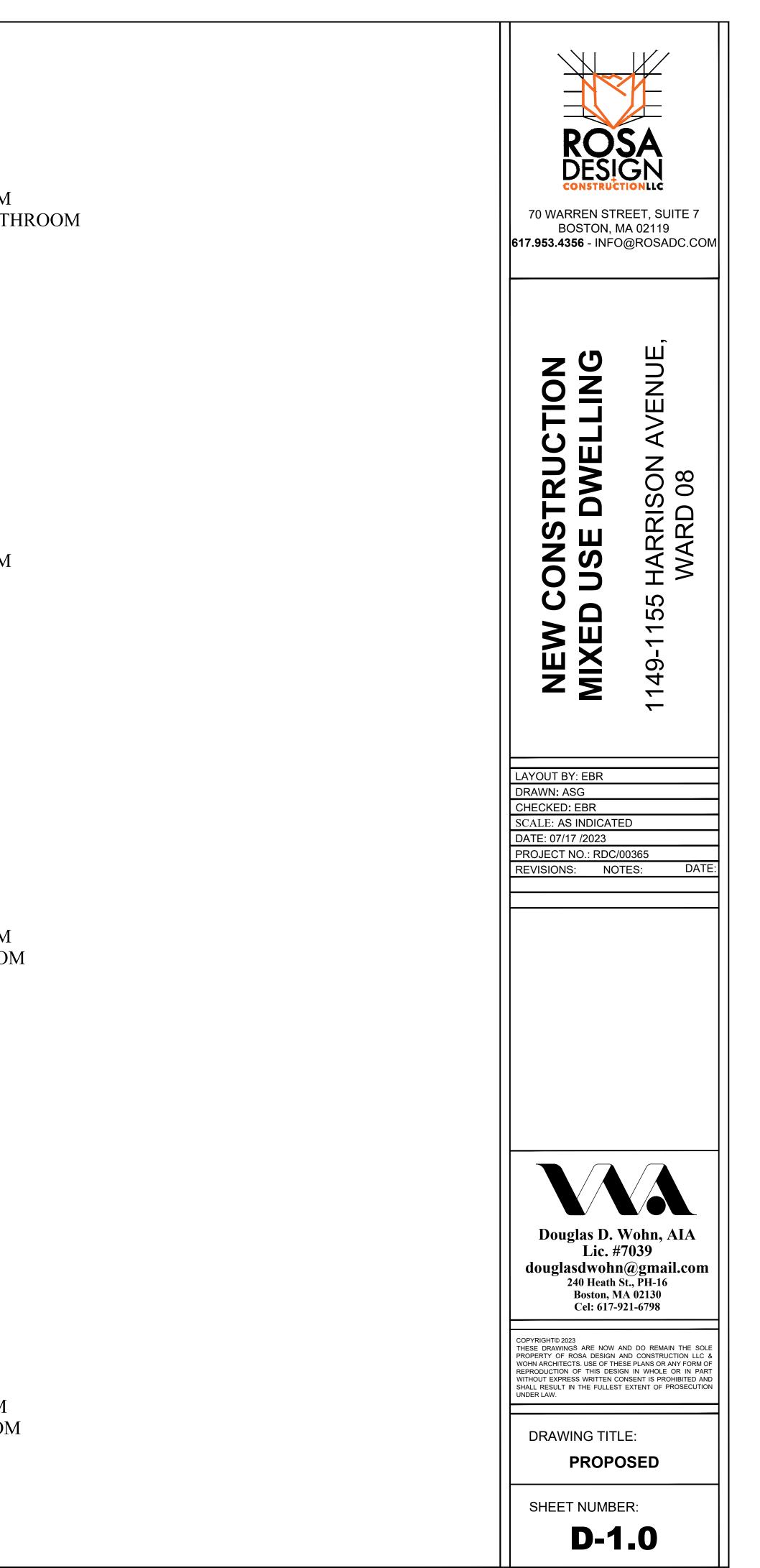
TYPE D ONE BEDROOM ONE BATHROOM (± 617- 707 S.F.)

# 8 S.F.) S.F.)

ATION

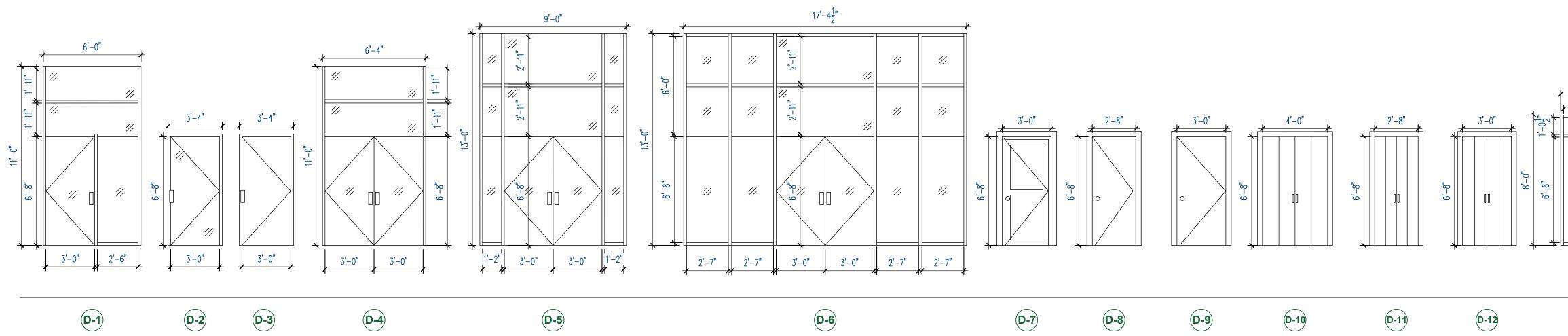
### ATION







							DOOR SCHEDULE								
	C DOOR TYPE	DOOR F					FRAME			DOOR SWING					
MARK		WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	MATERIAL	QUANTITY	LH	RH	LHR	RHR	DESCRIPTION		
													EXTERIOR DOOR/ ALUMINUM GLASS DOOR AND FIXED GLASS / WALL		
1	А	6'-0''	11'-0''	0' - 1 1/2"	ALUMINUM	GLASS	ALUMINUM	2	0	0	2	0	THICKNESS: 6"	ENTRY OF COMMERCIAL SPACE	
2	В	3'-0''	6'-8"	0' - 1 1/2"	ALUMINUM	GLASS	ALUMINUM	4	0	1	2	1	EXTERIOR DOOR/ ALUMINUM GLASS DOOR AND FIXED GLASS / WALL THICKNESS: 6"	SECOND MEANS EGREES OF UN	
3	С	3'-0''	6'-8"	0' - 1 3/4"	METAL	PAINT	METAL	11	4	3	2	2	INTERIOR DOOR/ METAL DOOR / WALL THICKNESS: 6"	ELEVATOR ROOM, RESTROOMS	
4	D	6'-0''	11'-0"	0' - 1 3/4"	ALUMINUM	GLASS	ALUMINUM	1	-	-	-	-	EXTERIOR DOOR/ ALUMINUM GLASS DOOR AND FIXED GLASS / WALL THICKNESS: 6"	MEANS EGREES STAIRSCASE	
5	E	9'-0''	13'-0"	0' - 1 1/2"	ALUMINUM	GLASS	ALUMINUM	1	-	-	-	-	EXTERIOR DOOR/ ALUMINUM GLASS DOOR AND FIXED GLASS / WALL THICKNESS: 6"	HALLWAY OF COMMERCIAL SPA	
6	F	13'-0"	17'-4 1/2"	0' - 1 3/4"	ALUMINUM	GLASS	ALUMINUM	1	-	-	-	-	EXTERIOR DOOR/ ALUMINUM GLASS DOOR AND FIXED GLASS / WALL THICKNESS: 6"	MAIN ENTRY OF COMMERCIAL	
7	G	3'-0"	6'-8"	0' - 1 1/2"	WOOD	PAINT	WOOD	10	2	8	-	-	INTERIOR DOOR/ PAINTED WHITE WOOD INTERIOR CLOSET DOOR WALL THICKNESS: 51/2"	MAIN ENTRY OF UNIT 201-202-2	
8	Н	2'-8"	6'-8"	0' - 1 3/4"	WOOD	PAINT	WOOD	24	15	9	-	-	INTERIOR DOOR/ PAINTED WHITE WOOD INTERIOR CLOSET DOOR WALL THICKNESS: 51/2"	BEDROOMS AND BATHROOMS	
9	I	3'-0''	6'-8"	0' - 1 3/4"	WOOD	PAINT	WOOD	4	3	1	0	0	INTERIOR DOOR/ PAINTED WHITE WOOD INTERIOR CLOSET DOOR WALL THICKNESS: 51/2"	BEDROOMS AND BATHROOMS	
10	J	4'-0''	6'-8"	0' - 1 1/2"	WOOD	PAINT	WOOD	5	-	-	2	3	INTERIOR DOOR/ PAINTED WHITE WOOD INTERIOR CLOSET DOOR WALL THICKNESS: 51/2"	CLOSETS BEDROOMS UNITS 201	
11	К	2'-8"	6'-8"	0' - 1 3/4"	WOOD	PAINT	WOOD	22	-	-	-	-	INTERIOR DOOR/ PAINTED WHITE WOOD INTERIOR CLOSET DOOR WALL THICKNESS: 51/2"	WASH AND DRYER CLOSET, MEG	
12	L	3'-0"	6'-8"	0' - 1 3/4"	WOOD	PAINT	WOOD	4	-	-	-	-	INTERIOR DOOR/ PAINTED WHITE WOOD INTERIOR CLOSET DOOR WALL THICKNESS: 51/2"	CLOSETS BEDROOMS UNITS 202	
13	N	8'-0''	8'-0"	0' - 1 1/2"	ALUMINUM	GLASS	ALUMINUM	1	-	-	1	-	EXTERIOR DOOR/ ALUMINUM GLASS DOOR AND FIXED GLASS / WALL THICKNESS: 6"	MAIN LOBBY	

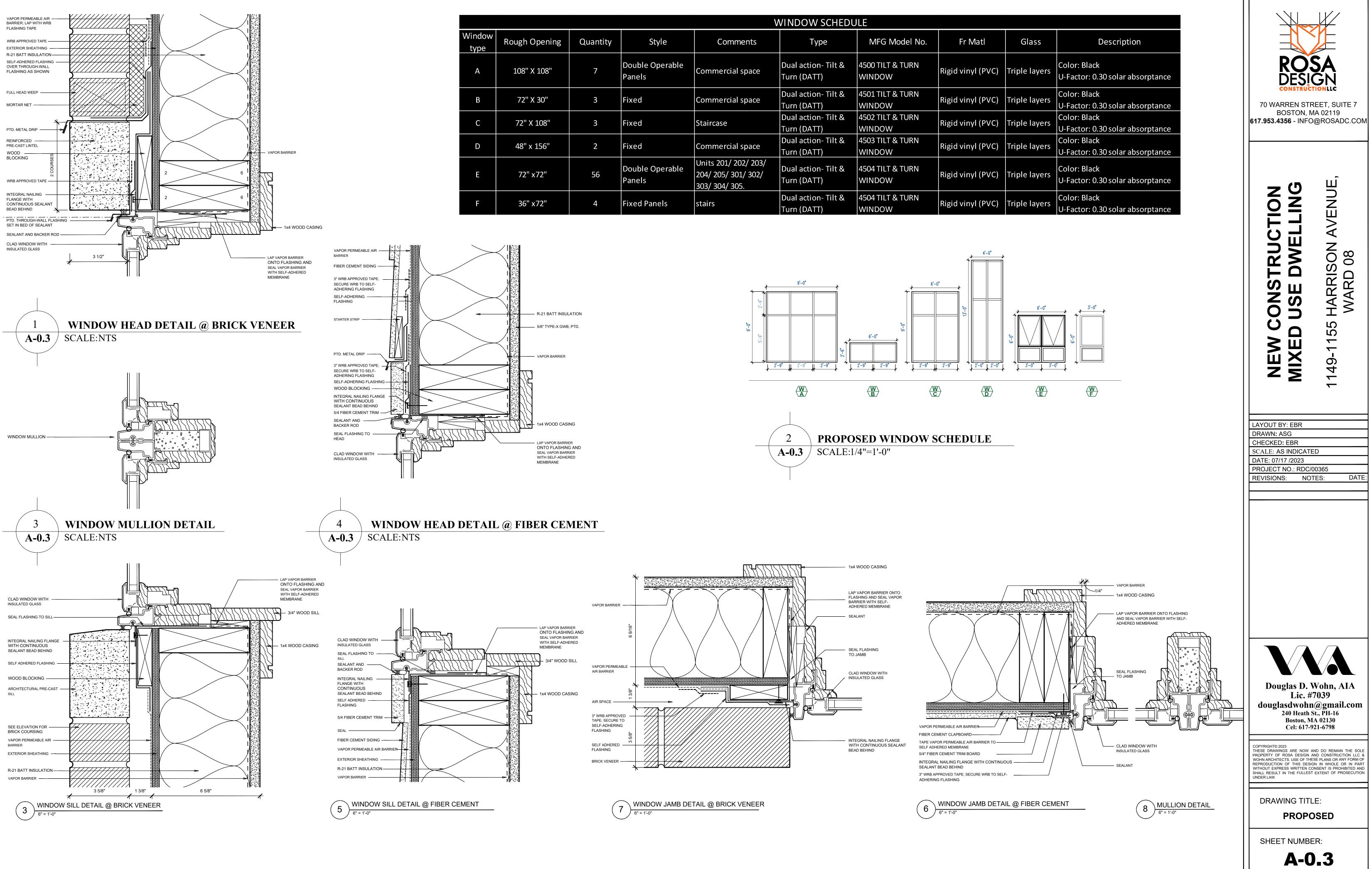


DOOR	SCHEDULE

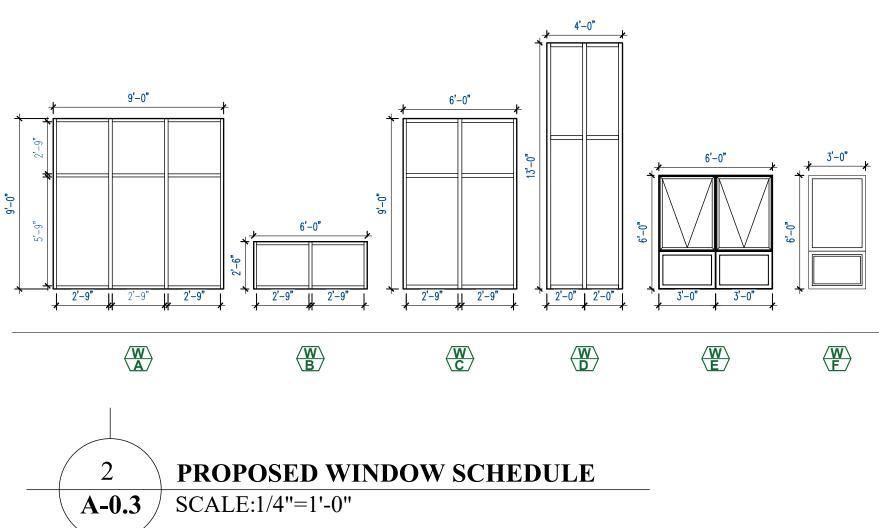
**PROPOSED DOOR SCHEDULE A-0.2** / SCALE:1/4"=1'-0"

COMMENTS	
CE UNIT 101	
JNIT 101- 102, UTILITY ROOM	
VIS UNIT 101-102, STORAGE 101, OFFICE SPACE	
PACE UNIT 102	
AL SPACE UNIT 102	
2-203-204-205-301-302-303-304-305	
1S	
1S HANDICAP UNIT	
201-203-204-205-301-303-304-305	
1ECH CLOSET	
202-302	
$\frac{8'-0''}{2'-2''}$ $\frac{3'-0''}{2'-2''}$	
DOOR SYMBO	LS
RH RIGHT HAND INSWING HR RIGHT HAND OUTSWING RHR RIGHT HAND OUTSWING INTERIOR SIDE RIGHT HAND LEFT HAND	INTERIOR SIDE RH D RIGHT HAND EXTERIOR SIDE
OUTSWING	INSWING

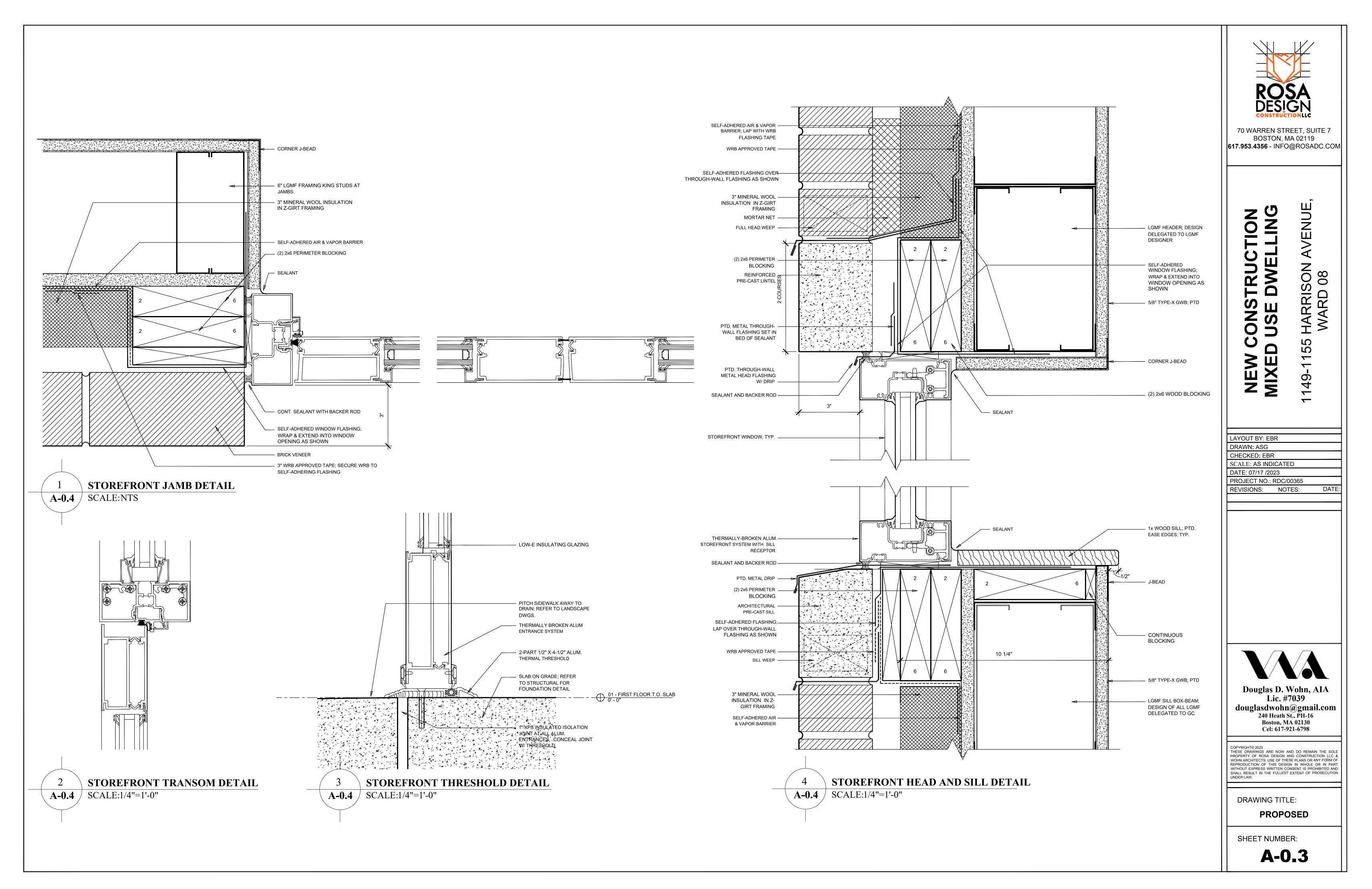
<b>ROSA</b> <b>ROSA</b> <b>ROSA</b> <b>SOSTON, MA 02119</b> <b>617.953.4356 - INFO@ROSADC.COM</b>						
NEW CONSTRUCTION MIXED USE DWELLING	1149-1155 HARRISON AVENUE, WARD 08					
LAYOUT BY: EBR DRAWN: ASG CHECKED: EBR SCALE: AS INDICATE DATE: 07/17 /2023 PROJECT NO.: RDC/0 REVISIONS: NOT	00365					
Douglas D. V Douglas D. V Lic. #' douglasdwohn 240 Heath S Boston, M Cel: 617-9	7039 @gmail.com St., PH-16 A 02130 21-6798 ND DO REMAIN THE SOLE					
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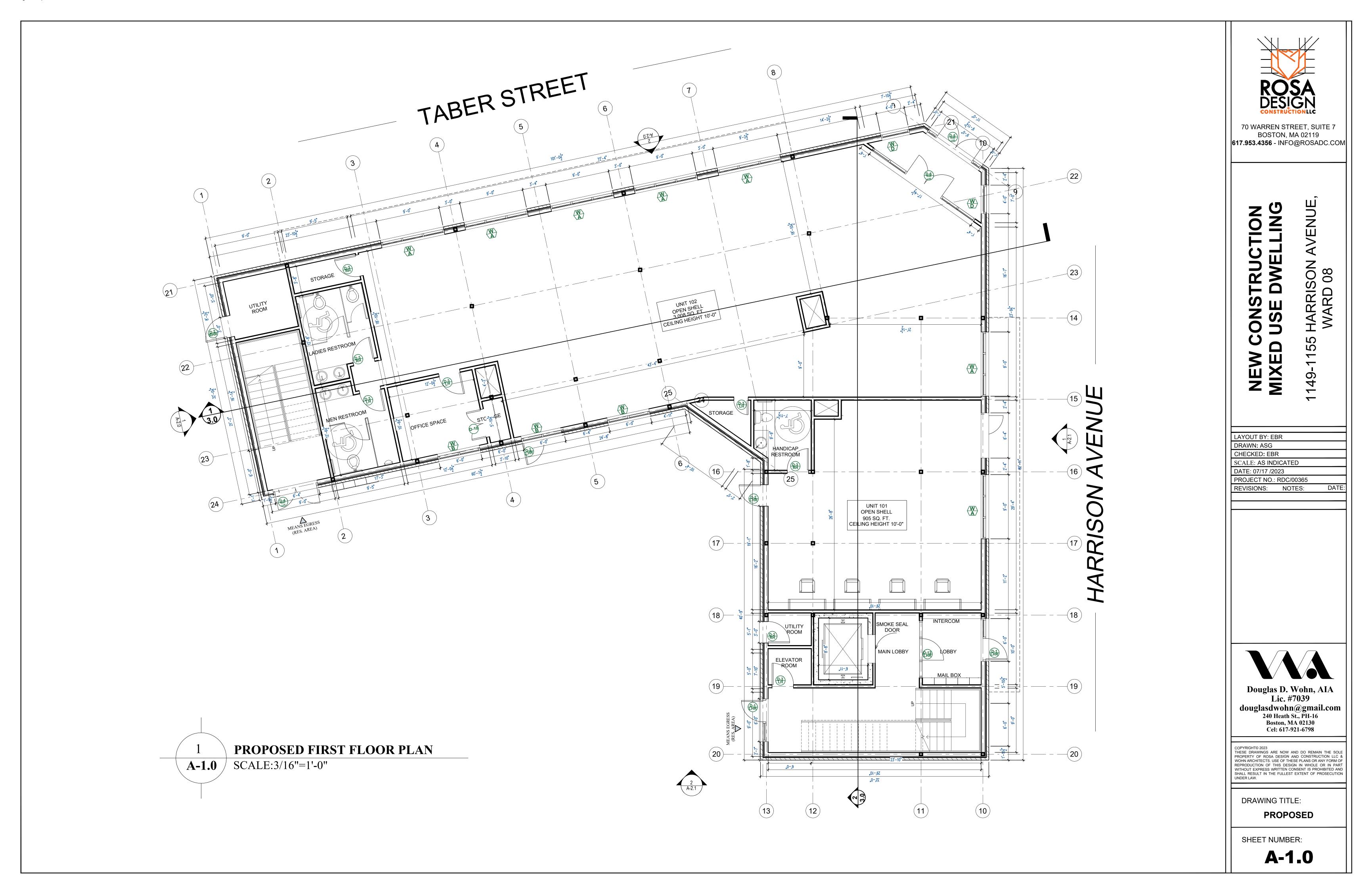
	WINDOW SCHEDULE								
Window type	Rough Opening	Quantity	Style	Comments	Туре	MFG Model No.	Fr Matl	Glass	Description
A	108'' X 108''	7	Double Operable Panels	Commercial space	Dual action- Tilt & Turn (DATT)	4500 TILT & TURN WINDOW	Rigid vinyl (PVC)	Triple layers	Color: Black U-Factor: 0.30 solar absorptance
В	72" X 30"	3	Fixed	Commercial space	Dual action- Tilt & Turn (DATT)	4501 TILT & TURN WINDOW	Rigid vinyl (PVC)	Triple layers	Color: Black U-Factor: 0.30 solar absorptance
С	72" X 108"	3	Fixed	Staircase	Dual action- Tilt & Turn (DATT)	4502 TILT & TURN WINDOW	Rigid vinyl (PVC)	Triple layers	Color: Black U-Factor: 0.30 solar absorptance
D	48" x 156"	2	Fixed	Commercial space	Dual action- Tilt & Turn (DATT)	4503 TILT & TURN WINDOW	Rigid vinyl (PVC)	Triple layers	Color: Black U-Factor: 0.30 solar absorptance
E	72" x72"	56	lPanels	Units 201/ 202/ 203/ 204/ 205/ 301/ 302/ 303/ 304/ 305.	Dual action- Tilt & Turn (DATT)	4504 TILT & TURN WINDOW	Rigid vinyl (PVC)	Triple layers	Color: Black U-Factor: 0.30 solar absorptance
F	36" x72"	4	Fixed Panels	stairs	Dual action- Tilt & Turn (DATT)	4504 TILT & TURN WINDOW	Rigid vinyl (PVC)	Triple layers	Color: Black U-Factor: 0.30 solar absorptance

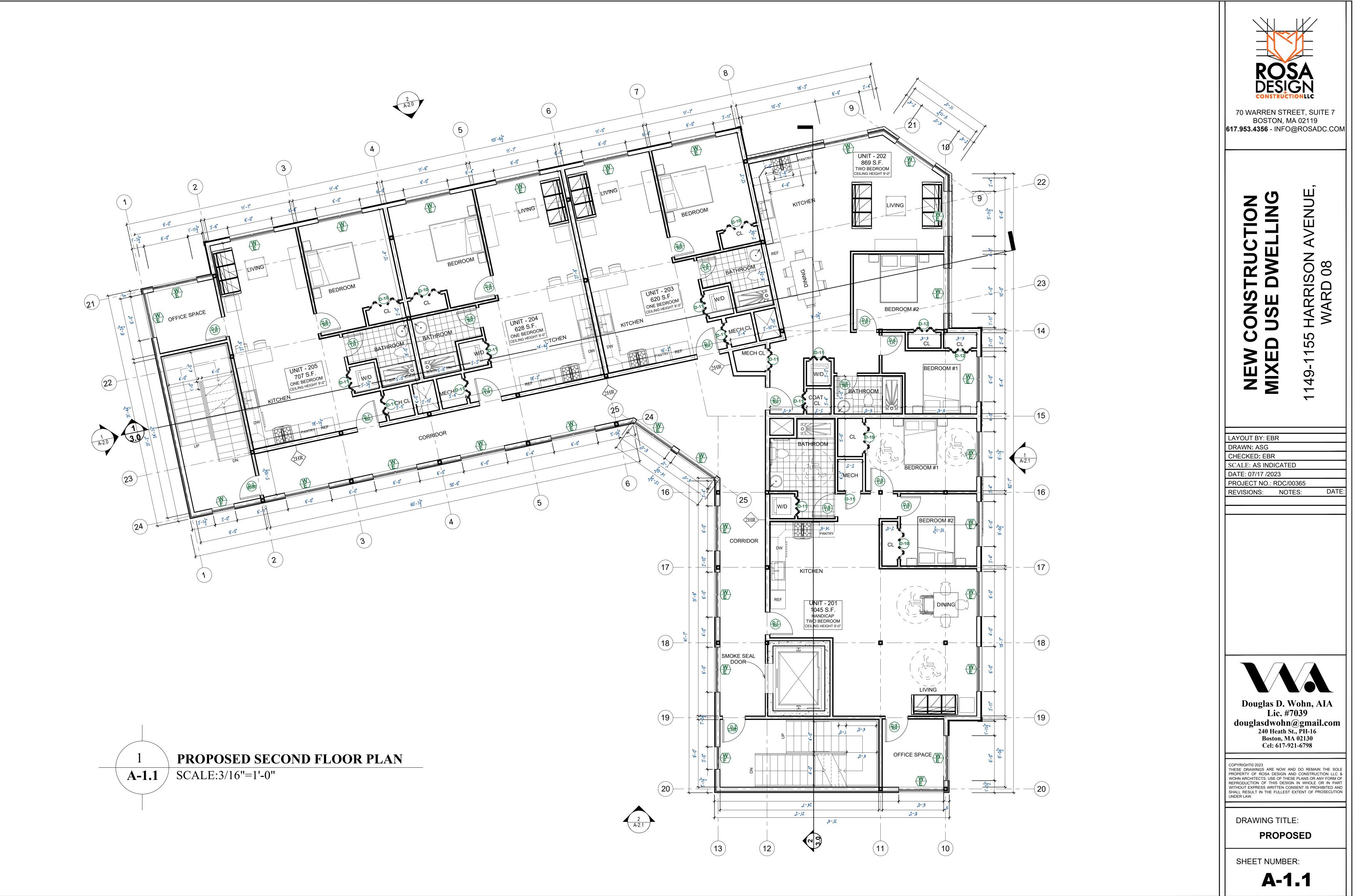


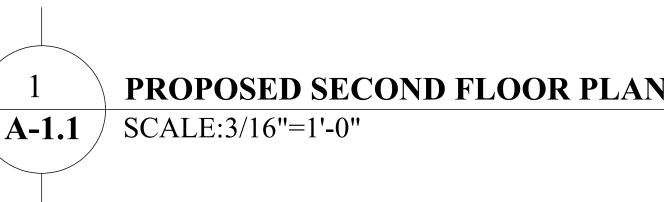
	ROSA ROSA DESIGN CONSTRUCTIONLLC 70 WARREN STREET, SUITE 7 BOSTON, MA 02119 617.953.4356 - INFO@ROSADC.COM					
	NEW CONSTRUCTION MIXED USE DWELLING	1149-1155 HARRISON AVENUE, WARD 08				
	LAYOUT BY: EBR DRAWN: ASG CHECKED: EBR SCALE: AS INDICATE DATE: 07/17 /2023 PROJECT NO.: RDC/0 REVISIONS: NOT					
ING LF-	Douglas D. V Lic. # douglasdwohn	7039 @gmail.com				
N DETAIL	COPYRIGHT© 2023 THESE DRAWINGS ARE NOW A PROPERTY OF ROSA DESIGN A WOHN ARCHITECTS. USE OF THE REPRODUCTION OF THIS DESIG WITHOUT EXPRESS WRITTEN CO SHALL RESULT IN THE FULLEST UNDER LAW.	St., PH-16 A 02130 21-6798 ND DO REMAIN THE SOLE ND CONSTRUCTION LLC & SE PLANS OR ANY FORM OF SN IN WHOLE OR IN PART INSENT IS PROHIBITED AND EXTENT OF PROSECUTION EXTENT OF PROSECUTION				

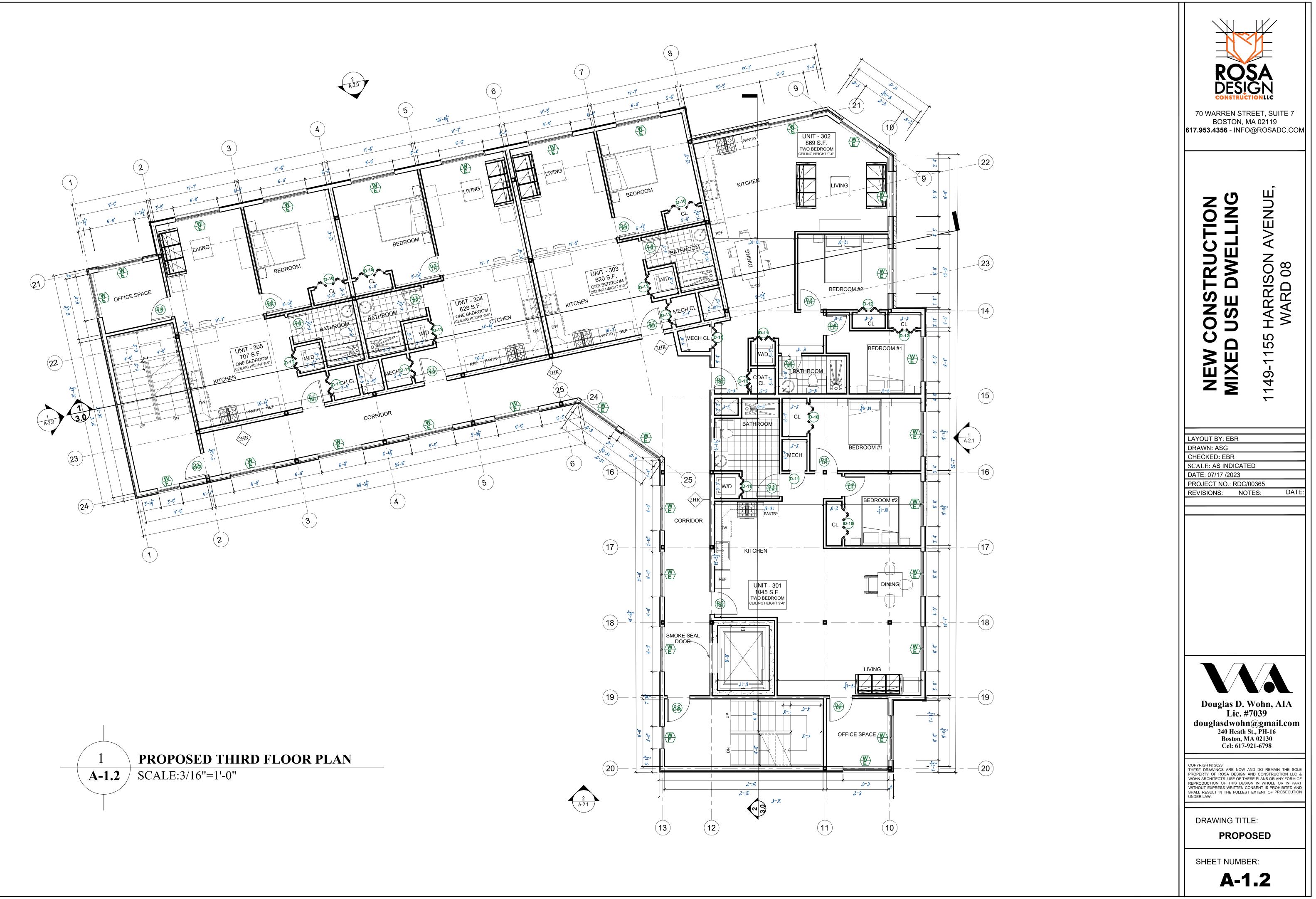


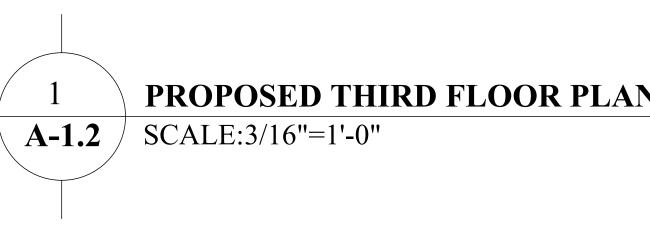


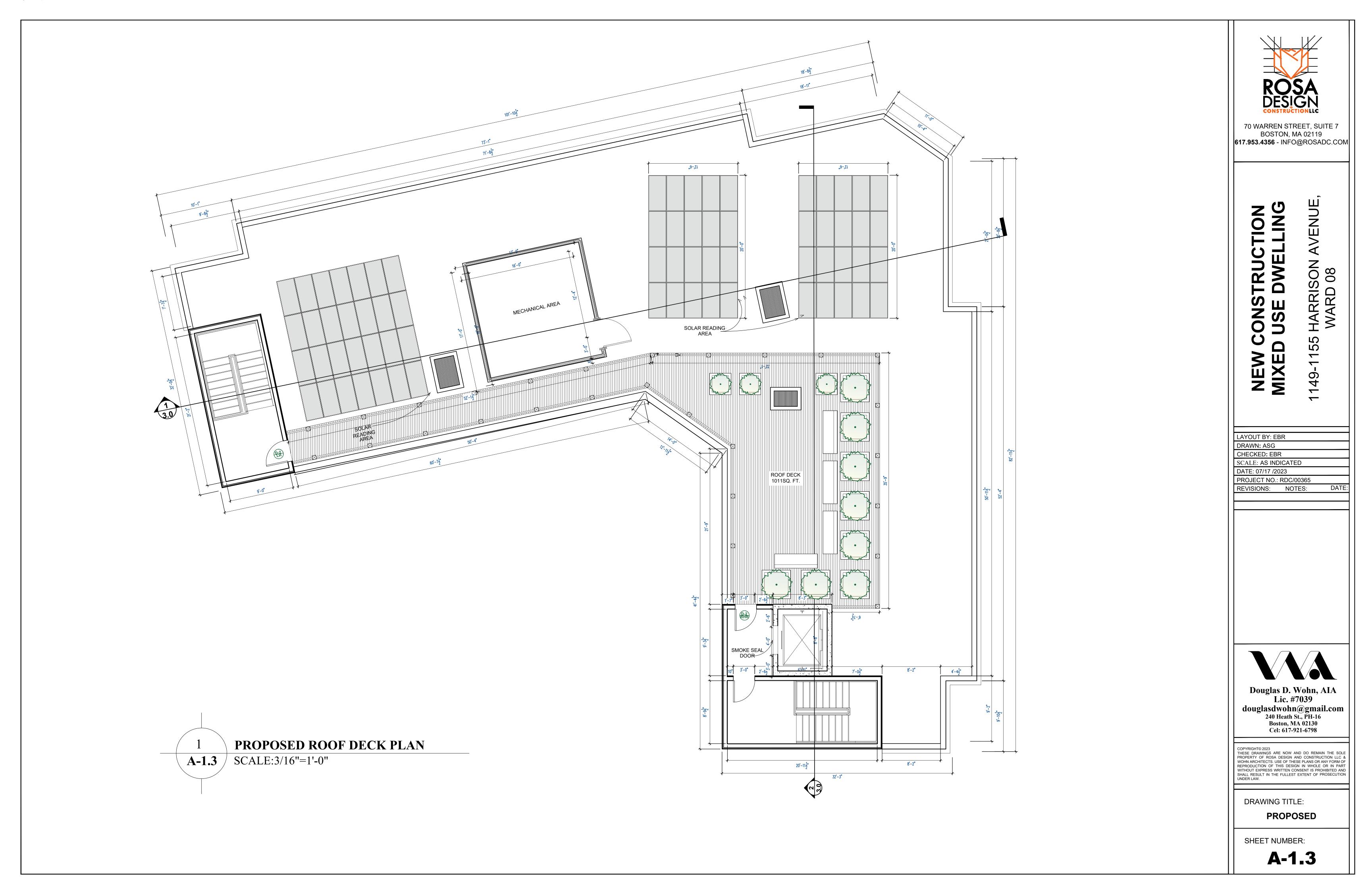


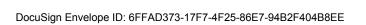


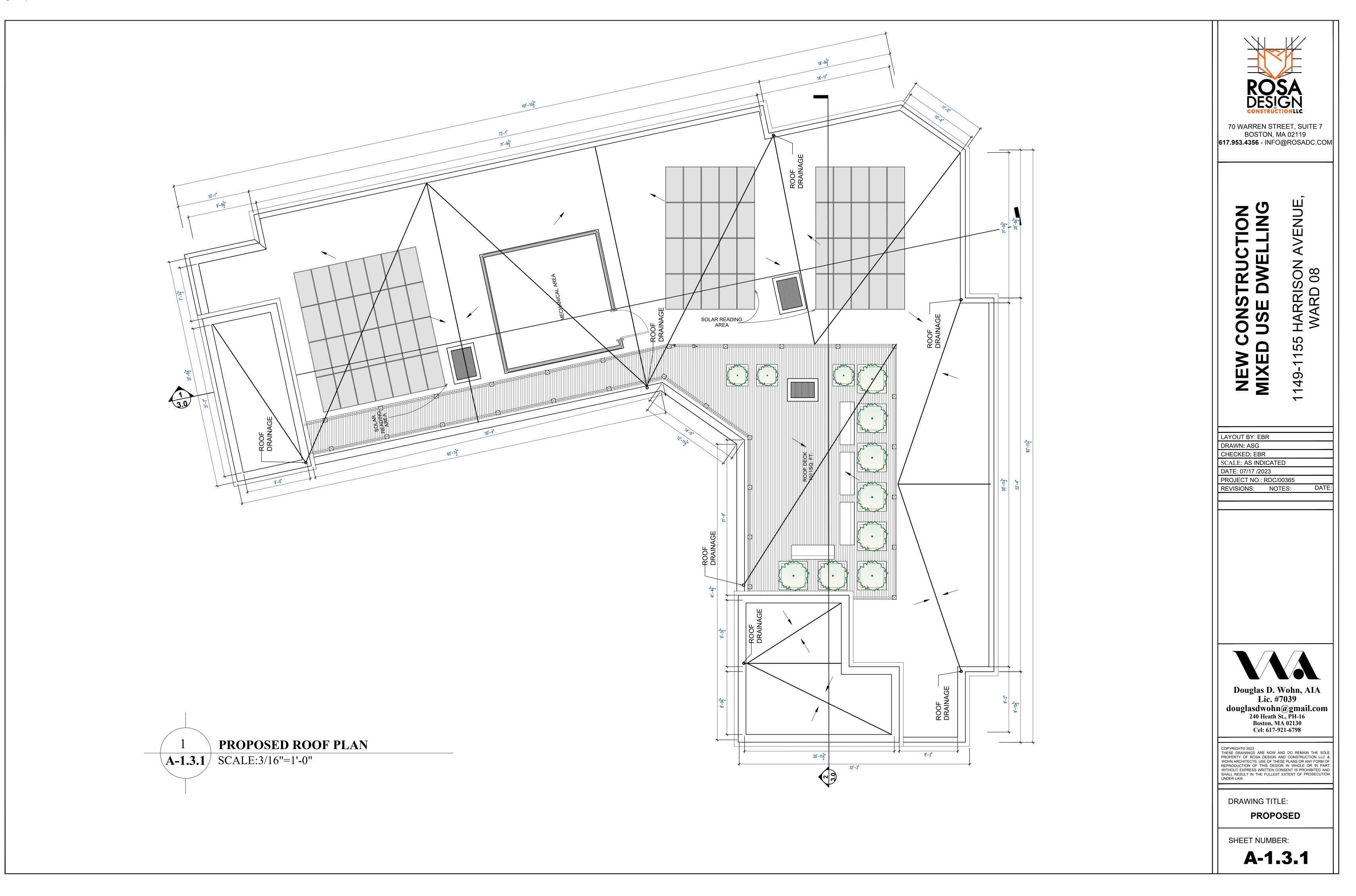


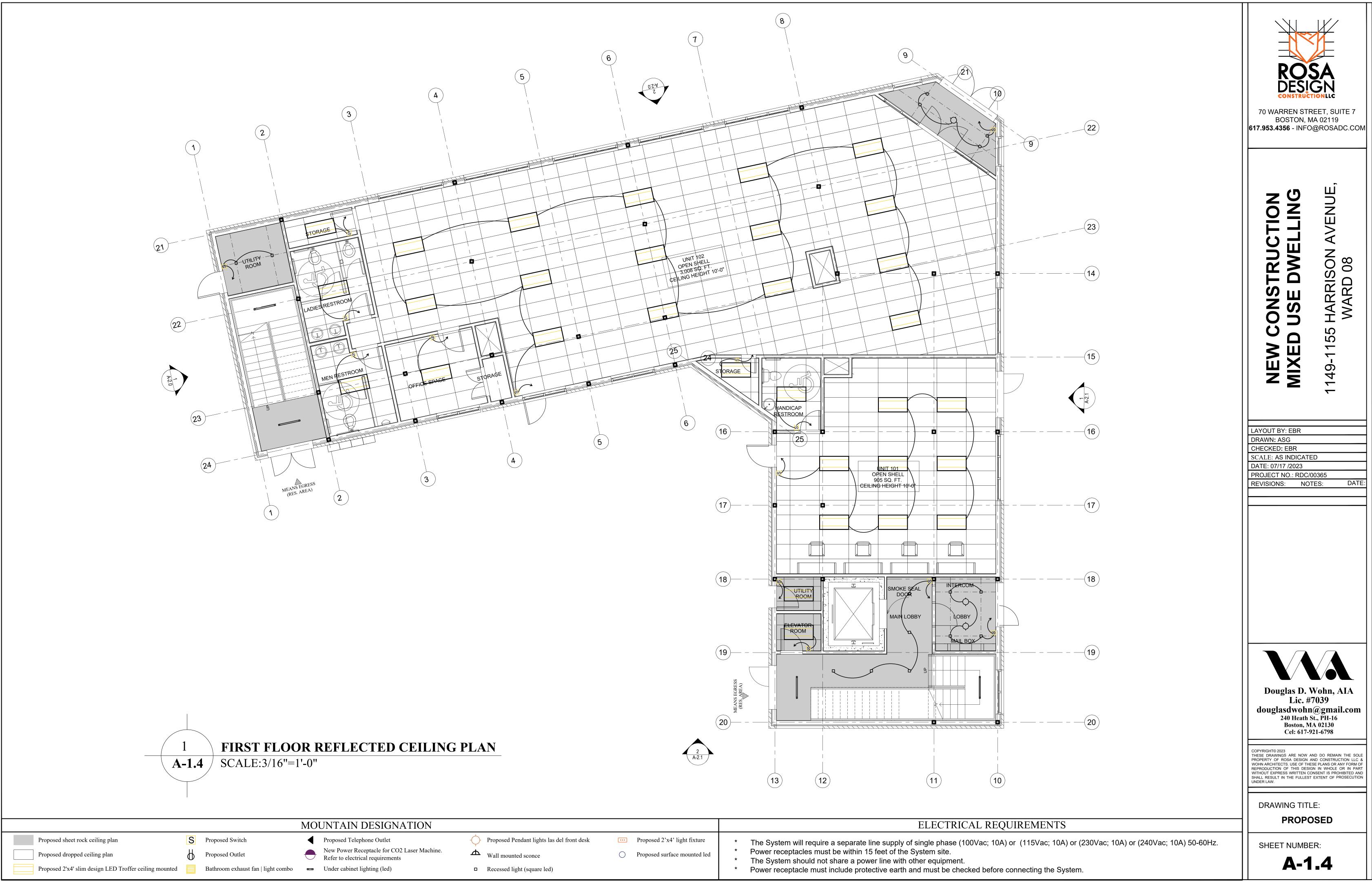




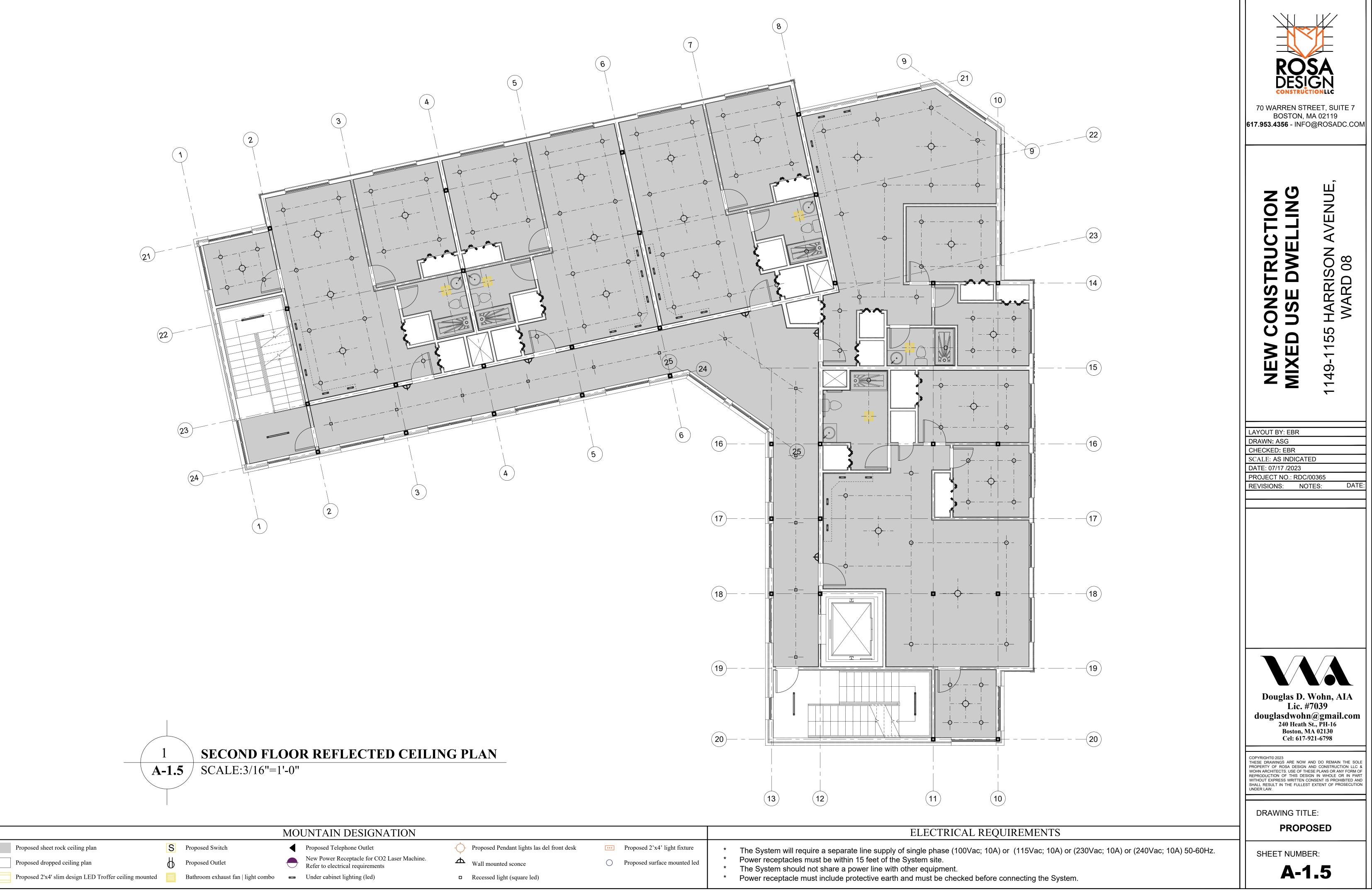




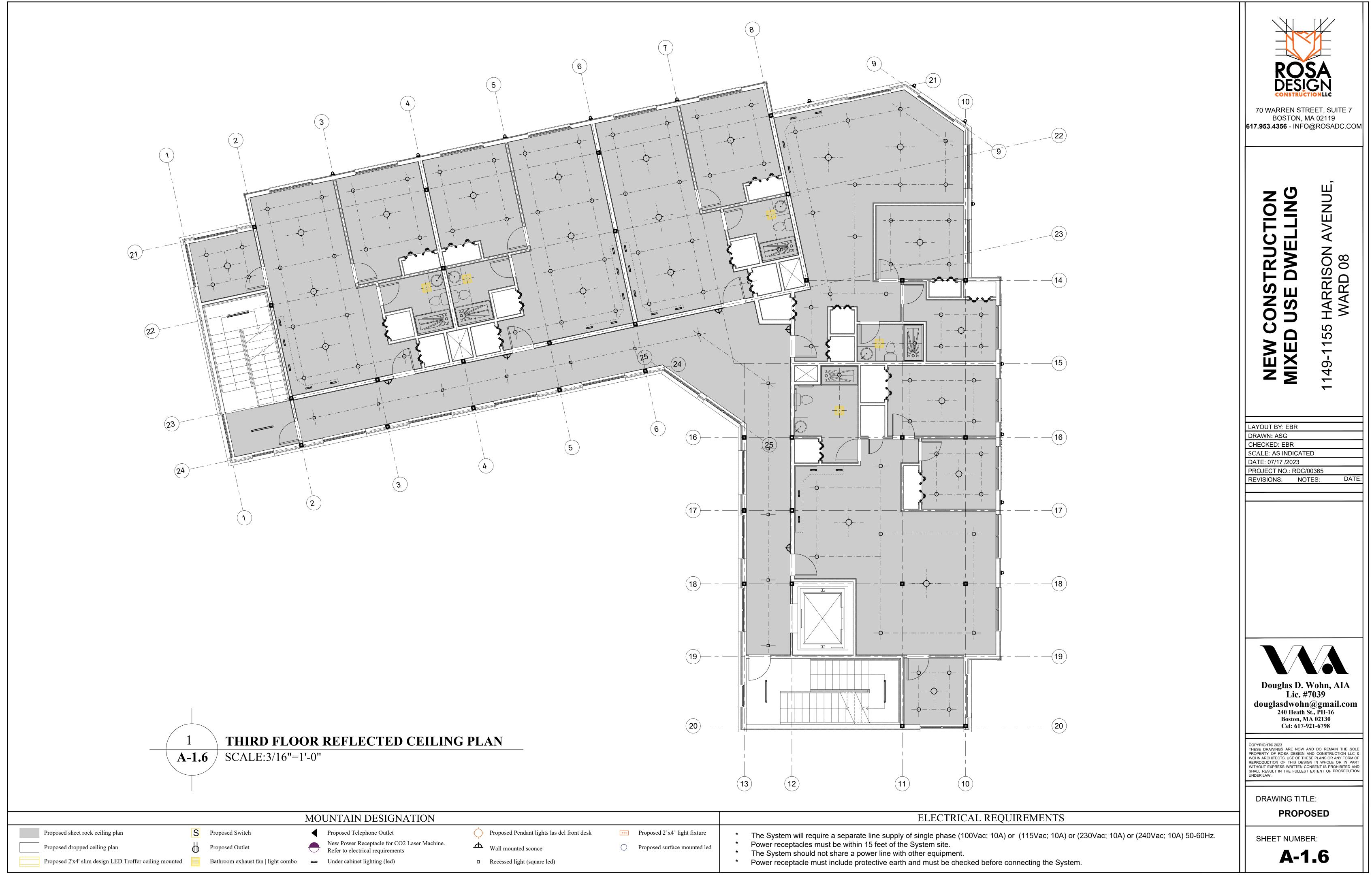




ELECTR



		ELECTRIC
<ul> <li>Proposed Pendant lights las del front desk</li> <li>Wall mounted sconce</li> <li>Recessed light (square led)</li> </ul>	Proposed 2'x4' light fixture Proposed surface mounted led	<ul> <li>* The System will require a separate line supply of single phase (1</li> <li>* Power receptacles must be within 15 feet of the System site.</li> <li>* The System should not share a power line with other equipment.</li> <li>* Power receptacle must include protective earth and must be che</li> </ul>

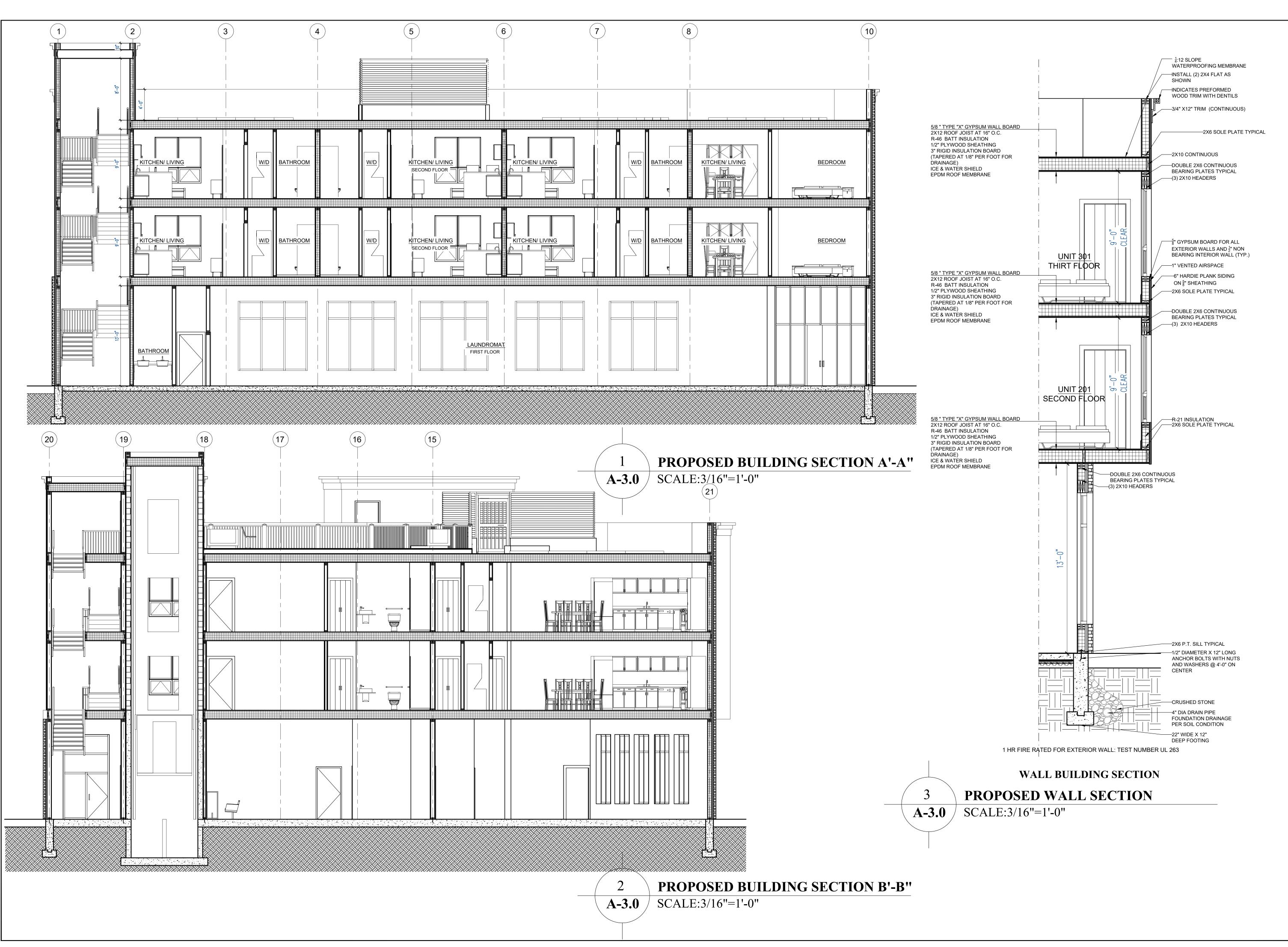


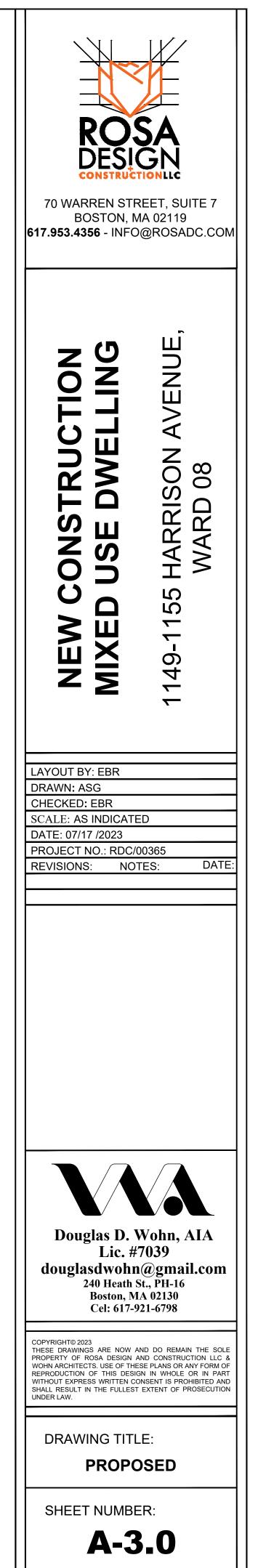
		ELECTRIC
<ul> <li>Proposed Pendant lights las del front desk</li> <li>Wall mounted sconce</li> <li>Recessed light (square led)</li> </ul>	<ul> <li>Proposed 2'x4' light fixture</li> <li>Proposed surface mounted led</li> </ul>	<ul> <li>* The System will require a separate line supply of single phase (1</li> <li>* Power receptacles must be within 15 feet of the System site.</li> <li>* The System should not share a power line with other equipment.</li> <li>* Power receptacle must include protective earth and must be cheeted</li> </ul>

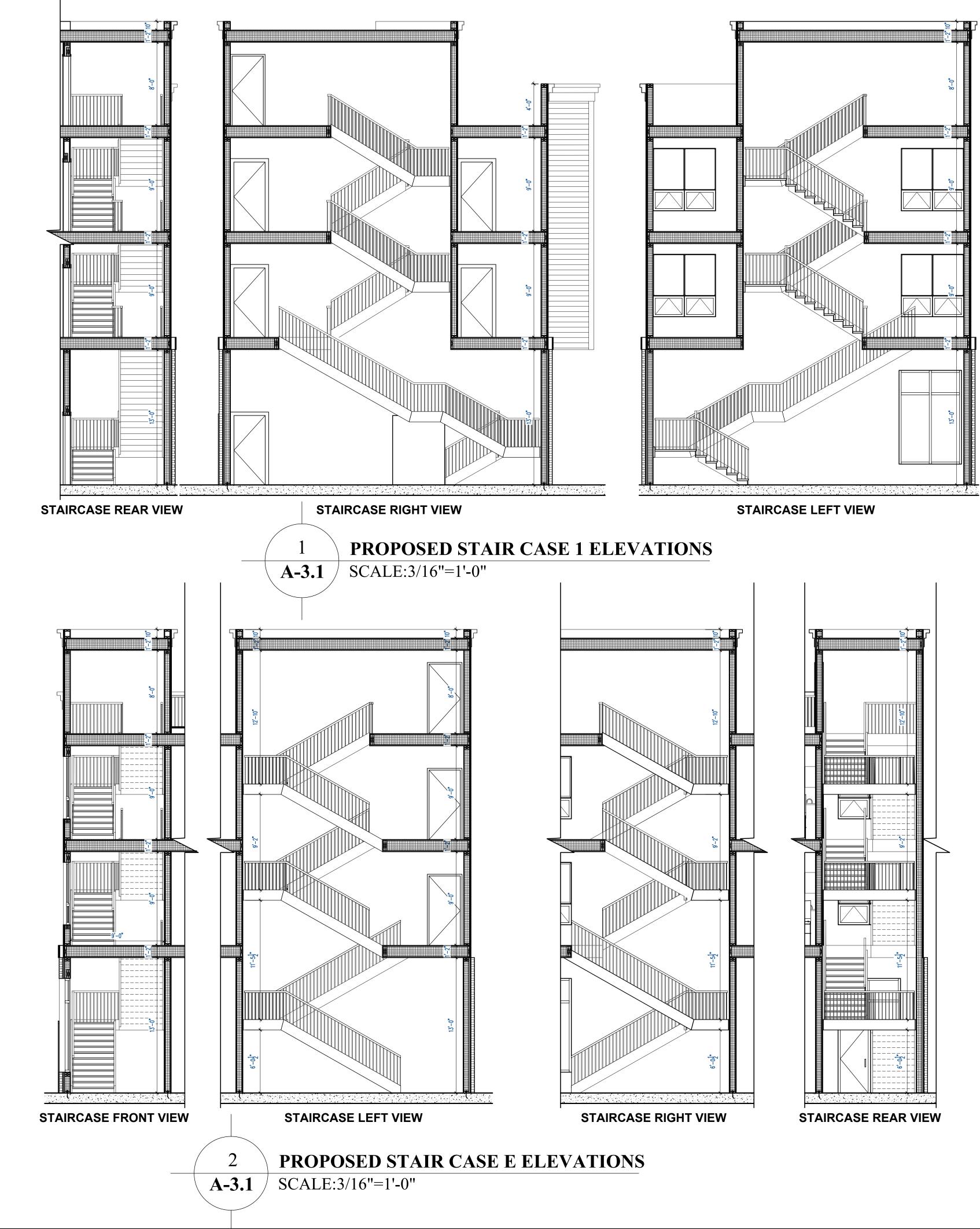


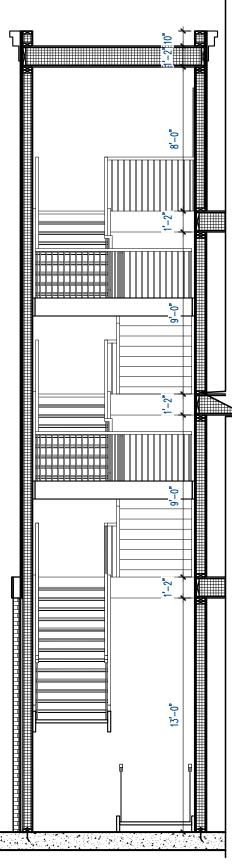
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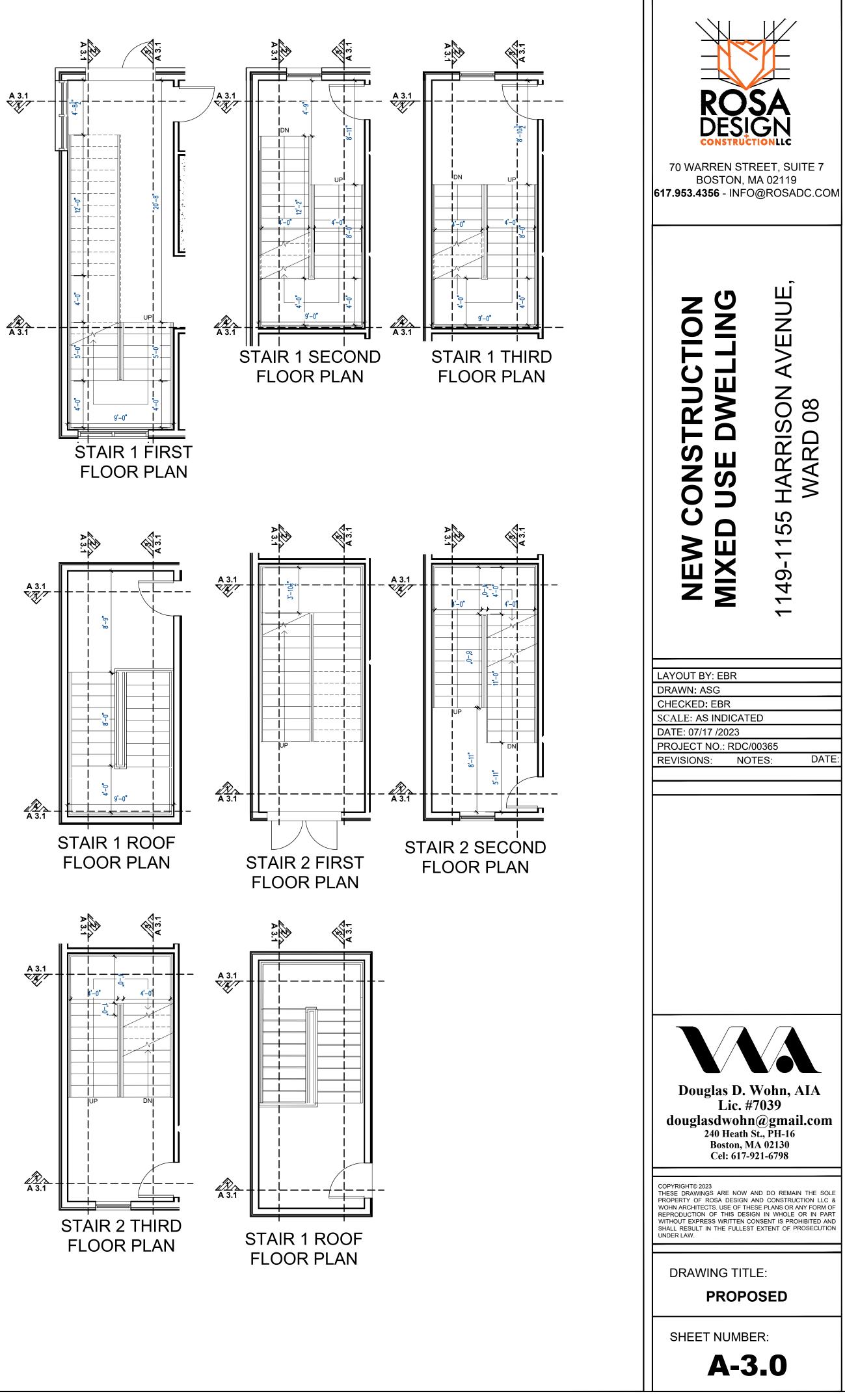


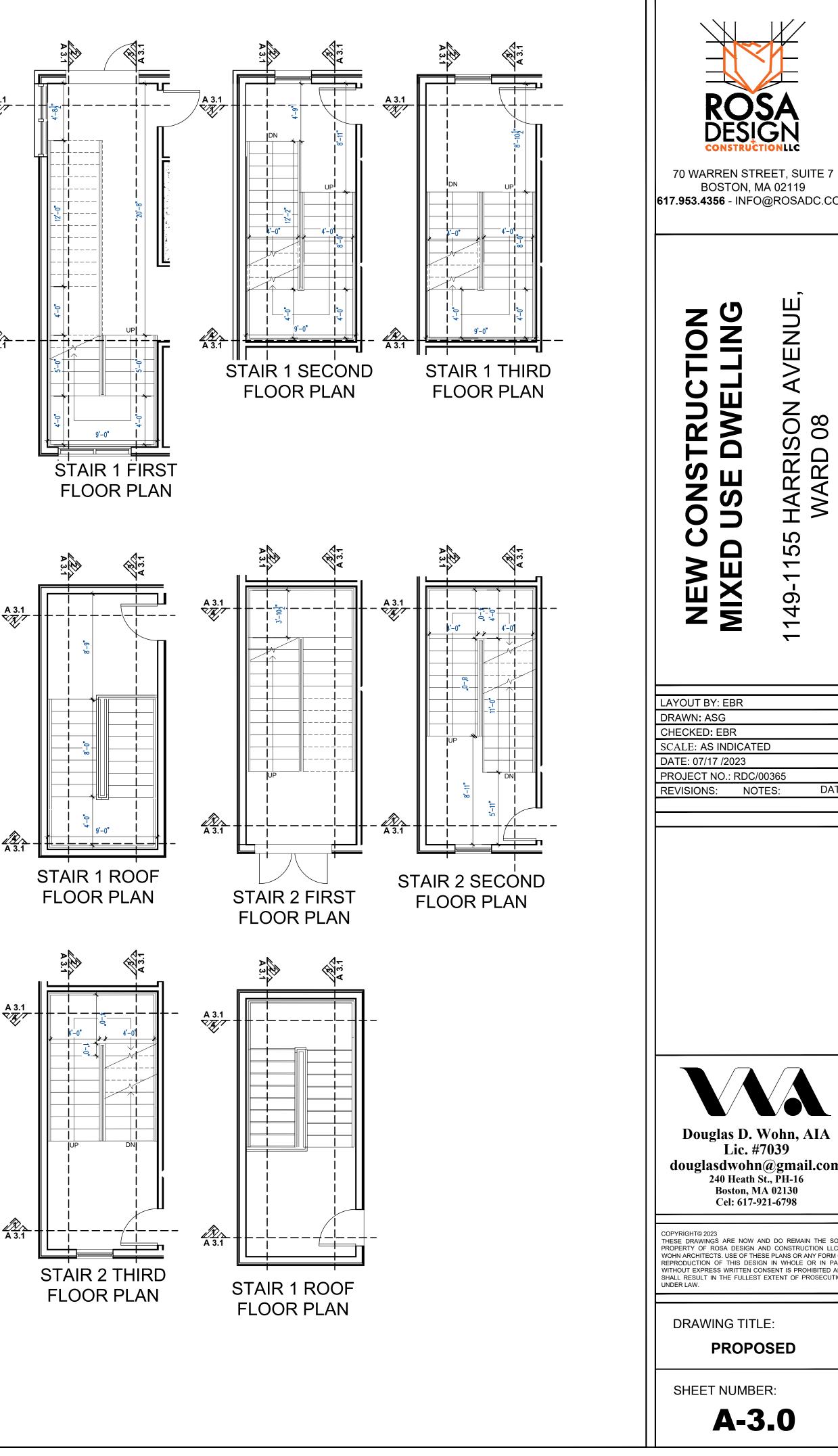




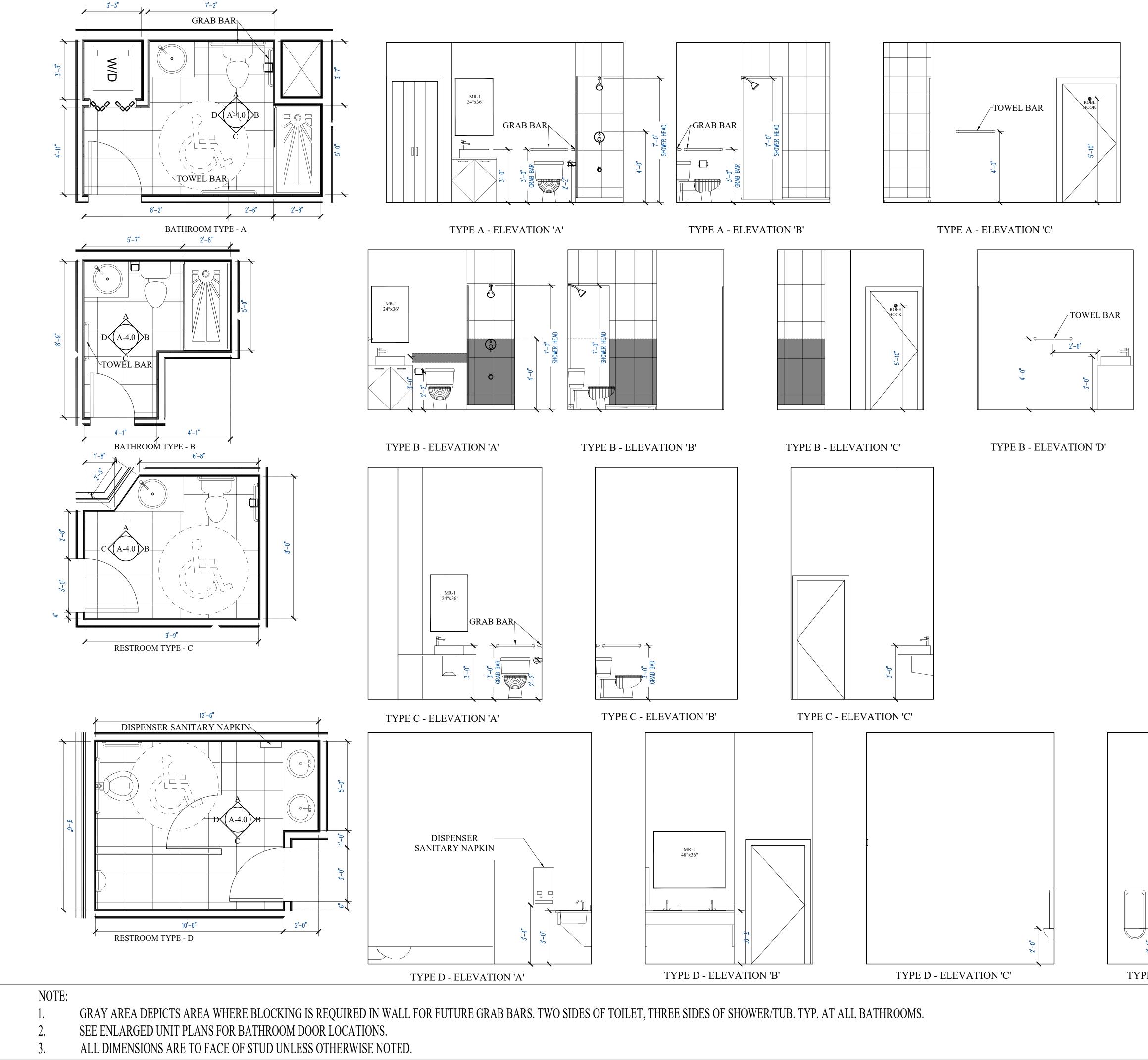


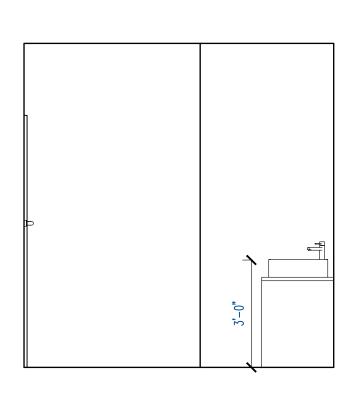




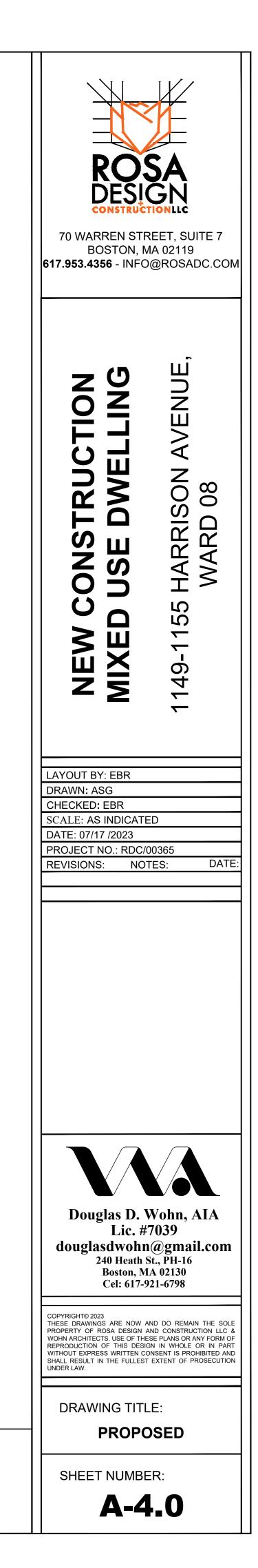


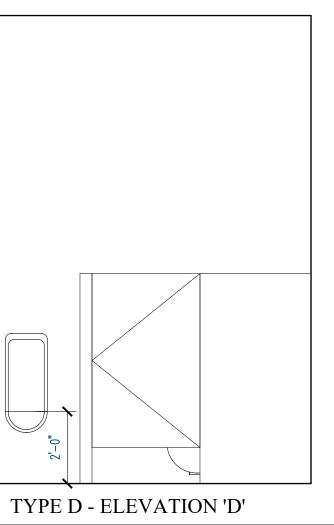


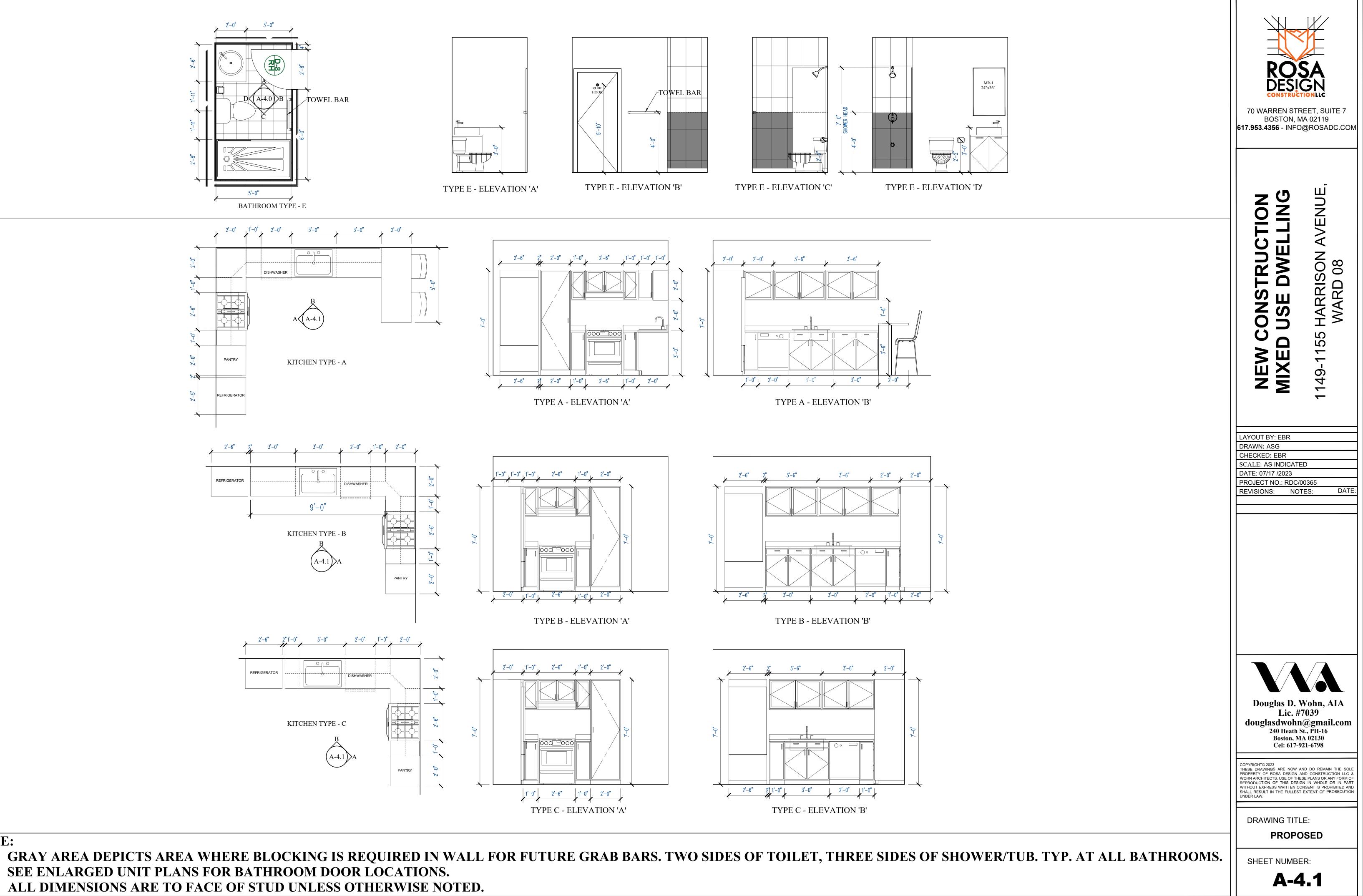




TYPE A - ELEVATION 'D'

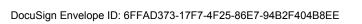


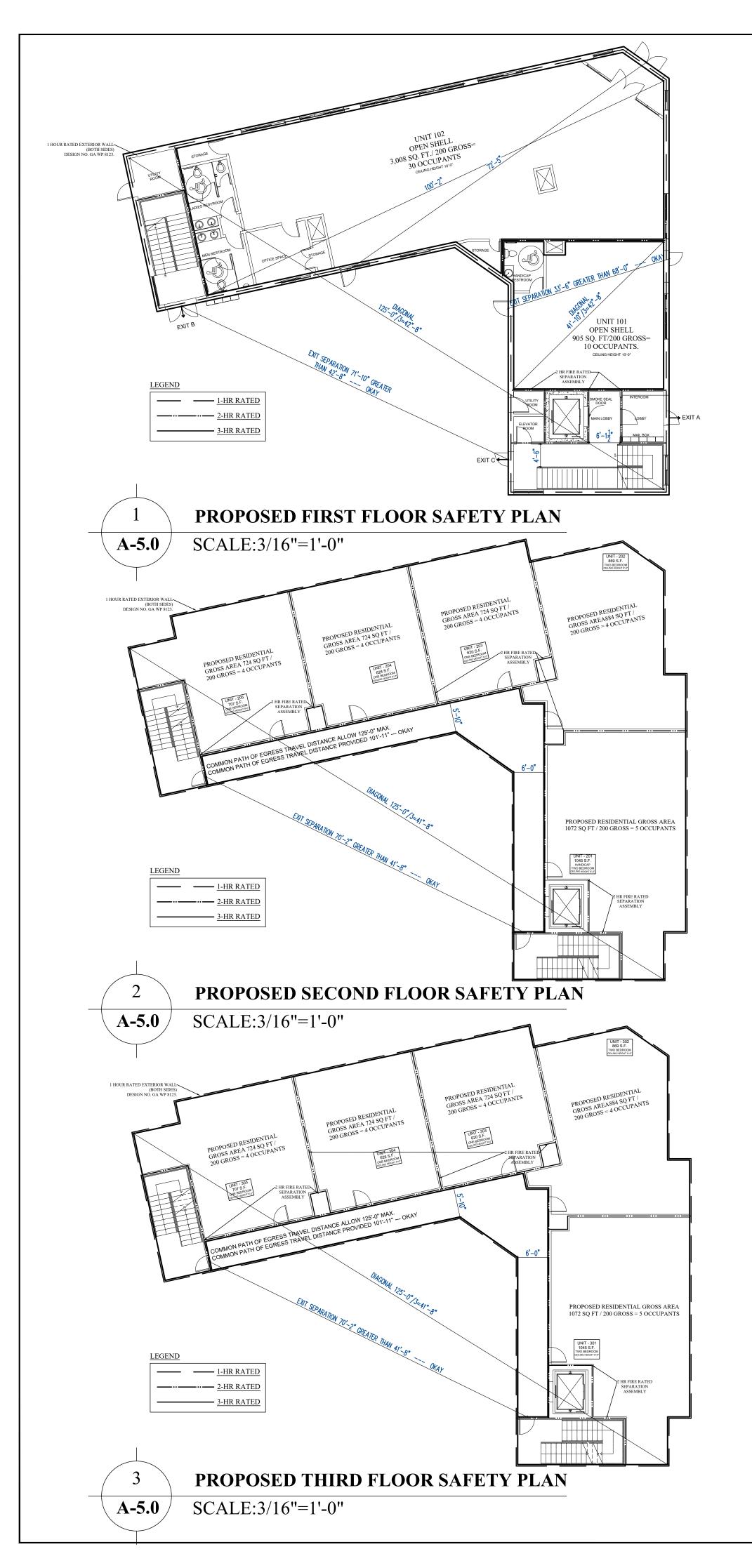




### NOTE:

### 1. SEE ENLARGED UNIT PLANS FOR BATHROOM DOOR LOCATIONS. 2.





#### GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE IBC / 2015 REQUIREMENTS AND ITS APPLICABLE REFERENCED STANDARDS.

2. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AS THEY RELATE TO NEW CONSTRUCTION, REPORT TO THE ARCHITECT / ENGINEER ALL OBSERVATIONS AND ANY DISCREPANCIES BEFORE PROCEEDING WITH ANY WORK.

3. CONTRACTOR TO VERIFY DIMENSIONS PRIOR TO CONSTRUCTION

4. CONTRACTOR SHALL SHORE, BRACE OR OTHERWISE SUPPORT THE STRUCTURE AS REQUIRED IN ORDER TO MAINTAIN STRUCTURAL INTEGRITY AT ALL TIMES. (MASONRY, STEEL, WOOD, ETC.)

5. CONTRACTOR WILL NOTIFY DESIGNER IMMEDIATELY OF ANY DISCREPANCIES IN THE DRAWINGS AND WILL NOT PROCEED WITH WORK IN THOSE AREAS UNTIL DISCREPANCIES ARE RESOLVED.

6. ANY DEVIATIONS FROM THE CONTENTS OF THESE PLANS WITHOUT WRITTEN CONSENT OF THIS DESIGNER WOULD MAKE IT NULL AND VOID.

7. THIS DESIGNER HAS NO CONTRACT WITH OWNER TO SUPERVISE OR OBSERVE THE CONSTRUCTION OF THIS PROJECT. IT IS THE OWNER'S AND CONTRACTOR'S RESPONSIBILITY TO ENSURE FULL COMPLIANCE AND NOT OF THIS DESIGNER

8. THIS DESIGNER IS NOT RESPONSIBLE FOR MECHANICAL, PLUMBING, AND ELECTRICAL WORK OR DESIGN, AS WELL AS FIRE ALARM DESIGN.

9. LOCATIONS OF ALL UTILITIES MUST BE DETERMINED IN THE FIELD BEFORE EXCAVATING BY THE CONTRACTOR. WE ASSUME NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN.

10. NOTIFY THE DESIGNER OF ANY FIELD CONDITIONS WHICH DIFFER FROM THOSE SHOWN IMPLIED ON THE DRAWINGS.

11. THIS DESIGNER IS NOT RESPONSIBLE FOR ANY HIDDEN STRUCTURAL PROBLEMS.

#### WORK DESCRIPTIONS

NEW CONSTRUCTION OF MIXED USE THREE (3) STORY BUILDING.

- THE SCOPE OF WORK INCLUDES TWO (2) COMMERCIAL UNITS AT THE FIRST FLOOR AND TEN (10) RESIDENTIAL DWELLING UNITS THROUGHOUT THE SECOND AND THIRD FLOOR.
- INCLUDING ELEVATOR, M.E.P., SPRINKLERS AND FIRE ALARM.
- TWO HOURS FIRE RESISTANCE RATED SEPARATION TO BE EXTENDED TO ALL STAIRS AND FIRE DOOR TO BE NINETY MINUTES.

#### MEANS OF EGRESS (NFPA 101 / 2012) CHAPTER 7 &12 IBC - 2015 SECTIONS 1001

MINIMUM REQUIRED EGRESS WIDTH: (ACCORDING TO IBC - 2015 SECTION 1005.1) & NFPA 101 / 2012 TABLE

7.3.3.1 THE TOTAL WIDTH OF MEANS OF EGRESS SHALL NOT BE LESS THAN THE TOTAL OCCUPANT LOAD SERVED BY THE MEANS OF EGRESS MULTIPLIED BY .2"/PERSON FOR DOORS, CORRIDORS & .3"/PERSON FOR STAIRS

(SEE LIFE SAFETY PLANS)

#### NUMBER OF EXITS:

(BASED ON IBC - 2015 TABLE 1006.3.1) MINIMUM NUMBER OF EXITS FOR OCCUPANT LOAD PERSONS PER STORY 1 - 500 = 2 EXITS OCCUPANT LOAD LESS THAN 500 = 2 EXITS REQUIRED 2 SEPARATE EXISTS LOCATIONS PROVIDED

#### EXIT SEPARATION DISTANCE: (ACCORDING TO IBC - 2015 SECTION 1007)

WHERE A BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM EXIT DOORS OR EXIT ACCESS DOORWAY MIN. SEPARATION DISTANCE SHALL NOT BE LESS THAN 1/3 OF THE LENGTH OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE AREA SERVED PROPOSED DOORWAY CONFIGURATION --- OK (SEE SAFETY PLAN)

#### EXIT ACCESS TRAVEL DISTANCE:

(BASED ON IBC - 2015 TABLE 1017.2) ASSUMED OCCUPANCY (B) WITH SPRINKLER SYSTEM = 300' OCCUPANCY (R) WITH SPRINKLER SYSTEM = 250' PROPOSED BUILDING --- OK (SEE SAFETY PLAN)

#### EXIT ENCLOSURES:

(ACCORDING TO IBC - 2015 SECTION 1023) 2 HOURS FIRE RESISTANCE RATING WHERE CONNECTING FOUR STORIES OR MORE AND 1 HOUR WHEN CONNECTING LESS THAN FOUR STORIES INCLUDING ANY BASEMENT.

#### CODE ANALYSIS

USE AND OCCUPANCY CLASSI IBC - 2015 SECTION 310 & 312 PROPOSED USE: COMMERCIAL TO BE DETERMINED APARTMENTS.

TYPE OF CONSTRUCTION IBC - 2015 SECTION 601 (III-B) EXTERIOR WALLS ARE OF NONCOMBUSTIBLE BUILDING ELEMENTS ARE OF ANY MATERIALS PERM

#### USE SEPARATION & FIRE PRO-IBC - 2015 SECTIONS 508, TABLE 716.5 ASSUMED USES (A) OR (B) / (R) = 1- HOUR WHEN B

CORRIDOR FIRE RESISTANCE RATING 0.5 HOUR & SYSTEM. INTERIOR EXIT STAIRWAY ENCLOSURES SHALL BE

FIRE PROTECTION SYSTEMS IBC - 2015 SECTIONS 903 & 906-907 PROPOSED BUILDING WILL BE EQUIPPED THROUG

PROPOSED BUILDING WILL BE EQUIPPED THROUG

#### HANDICAP ACCESSIBILITY IBC - 2015 CHAPTER 1104

ONE ACCESSIBLE ROUT WILL BE PROVIDED FROM
ACCESSIBLE PARKING SPACE REQUIRED TABLE
ACCESSIBLE DWELLING UNITS REQUIRED IBC - 1
AT LEAST 2% BUT NOT LESS THAN ONE --- TOTAL F
IBC - 1107.6.2.3.2 (TYPE B UNITS) WHERE THERE A
TYPE B UNITS.
PROPOSED BUILDING WILL BE PROVIDED WITH A

PLUMBING FIXTURES IBC - 2015 TABLE 2902.1

COMMERCIALS SPACES ASSUMED OCCUPANCY (E BARBER SHOP AND LAUNDROMAT 3,913 SF/100 (40

#### PROPOSED FIRST FLOOR COMMERCIAL SPACE TO BE DETERMINED OCCUPANT LOAD = 40 OCCUPANTS

	EGRESS	WIDTH REQUIREMENTS	
	MIN. WIDTH REQUIREMENTS	WIDTH BASED ON OCC. LOAD	WIDTH PROVIDED
STAIRS	36" (1011.2)	0.3" X 40 OCC = 12" (1005.3.1)	48" EQUAL OR GREATER THAN 36"
DOORS	32" (1010.1.1)	0.2" X 40 OCC = 8" / 2 = 4" (1005.3.2)	36" EQUAL OR GREATER THAN 32"
CORRIDORS	36" (1020.1.2)	0.2" X 40 OCC = 8" (1005.3.2)	54" EQUAL OR GREATER THAN 36"

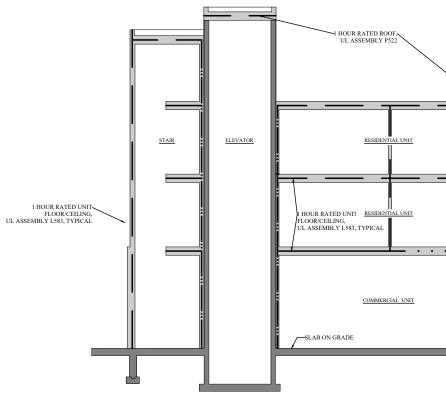
#### PROPOSED SECOND FLOOR RESIDENTIAL TOTAL OCCUPANT LOAD = 21 OCCUPANTS

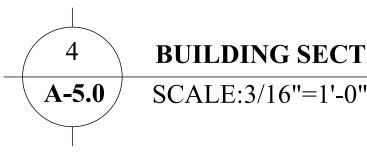
	MIN. WIDTH REQUIREMENTS	WIDTH BASED ON OCC. LOAD	WIDTH PROVIDED
STAIRS	36" (1011.2)	0.3" X 21 OCC = 6.3 / 2 = 3.15" (1005.3.1)	48" EQUAL OR GREATER THAN 36"
DOORS	36" (1010.1.1)	0.2" X 21 OCC = 4.2" / 2 = 2.1" (1005.3.2)	32" EQUAL OR GREATER THAN 32"
CORRIDORS	36" (1020.1.2)	0.2" X 21 OCC = 4.1" (1005.3.2)	72" EQUAL OR GREATER THAN 36"

#### PROPOSED THIRD FLOOR RESIDENTIAL TOTAL OCCUPANT LOAD = 21 OCCUPANTS

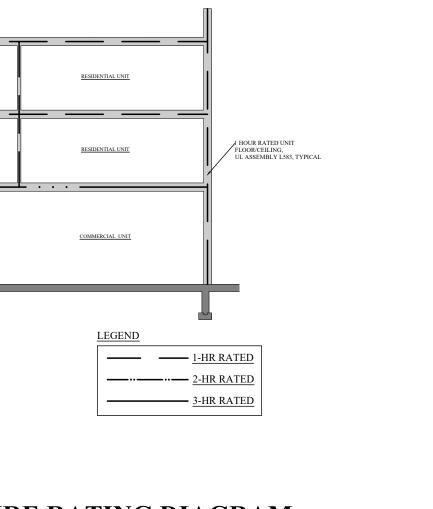
#### EGRESS WIDTH REQUIREMENTS

	MIN. WIDTH REQUIREMENTS	WIDTH BASED ON OCC. LOAD	WIDTH PROVIDED
STAIRS	36" (1011.2)	0.3" X 21 OCC = 6.3 / 2 = 3.15" (1005.3.1)	48" EQUAL OR GREATER THAN 36"
DOORS	36" (1010.1.1)	0.2" X 21 OCC = 4.2" / 2 = 2.1" (1005.3.2)	32" EQUAL OR GREATER THAN 32"
CORRIDORS	36" (1020.1.2)	0.2" X 21 OCC = 4.1" (1005.3.2)	72" EQUAL OR GREATER THAN 36"

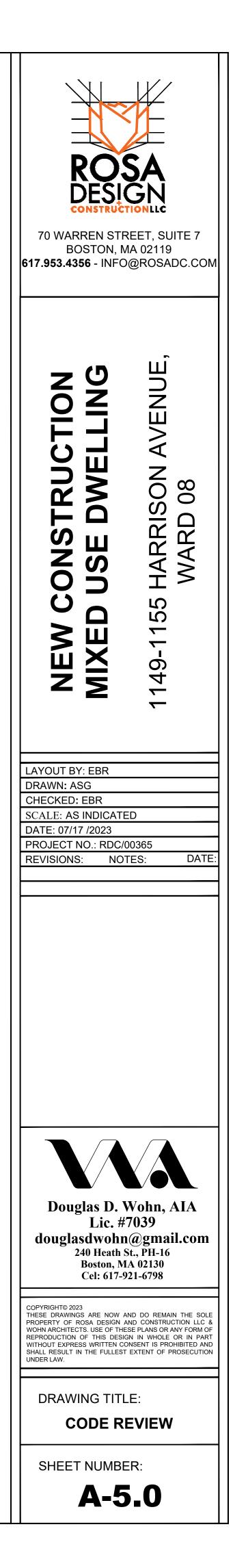


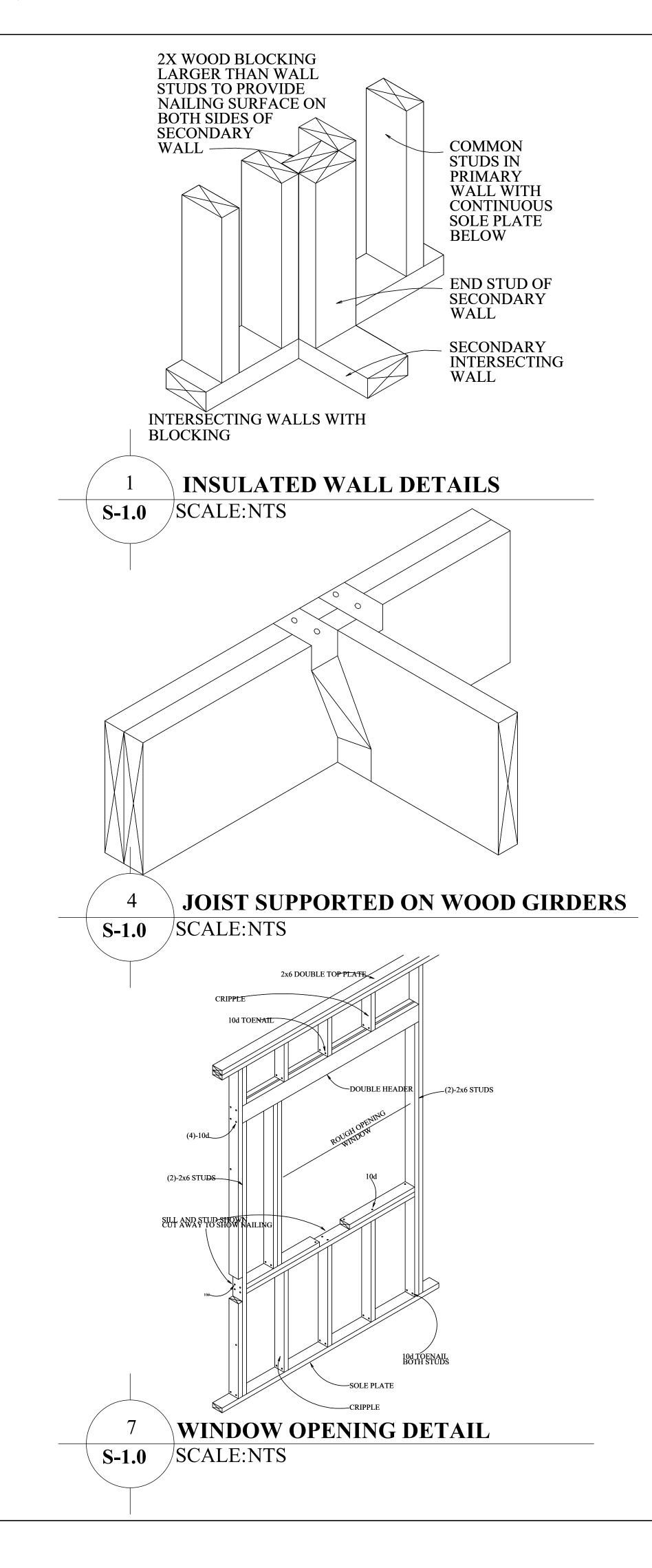


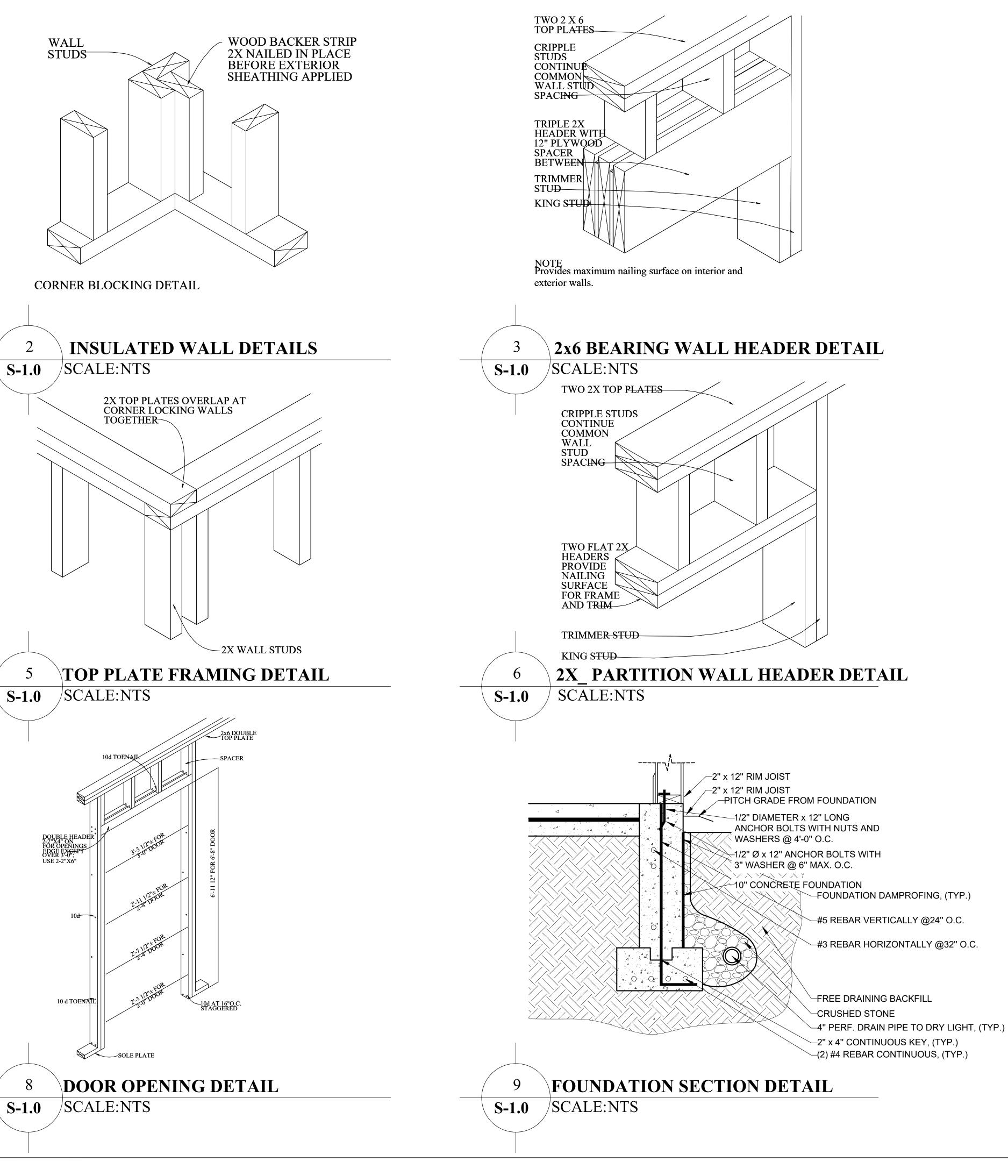
WATER CLOSET REQ PROV LAVATORIES REQ PROV MALE / FEMALE MALE / FEMALE		
INTERNATIONAL BUILDING CODE - 2015 D, AND RESIDENTIAL INTERNATIONAL BUILDING CODE - 2015 NFPA 101 / 2012 INTERNATIONAL BUILDING CODE - 2015 NALE / FEMALE		
AITTED BY THIS CODE.		INTERNATIONAL BUILDING CODE - 2015
TABLE 1020.1, & 1023  JILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM. DOORS 20 MINUTES WHEN BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER 2- HOURS WHEN CONNECTING 4- STORY OR MORE INCLUDING BASEMENT.  HOUT WITH AN AUTOMATIC SPRINKLER SYSTEM. HOUT WITH AN APPROVED FIRE ALARM DETECTION SYSTEM.  M ACCESSIBLE PARKING TO ACCESSIBLE BUILDING ENTRANCES & ACCESSIBLE UNITS BEC 1106.1 ONE TWO ACCESSIBLE PARKING SPACES PROVIDED 107.6.2.2.1 (TYPE A UNITS) IN GROUP R-2 OCCUPANCY MORE THAN 20 DWELLING UNITS, RESIDENTIAL 10 2% = .2 = 1 ONE TYPE A UNIT WILL BE PROVIDED NRE FOUR OR MORE UNITS, EVERY UNIT SHALL BE TYPE B UNIT ALL UNITS TO BE DESIGNED AS N ELEVATOR.  WATER CLOSET REQ PROV LAVATORIES REQ PROV MALE / FEMALE )		
2- HOURS WHEN CONNECTING 4- STORY OR MORE INCLUDING BASEMENT. 2- HOURS WHEN CONNECTING 4- STORY OR MORE INCLUDING BASEMENT. HOUT WITH AN AUTOMATIC SPRINKLER SYSTEM. HOUT WITH AN APPROVED FIRE ALARM DETECTION SYSTEM. M ACCESSIBLE PARKING TO ACCESSIBLE BUILDING ENTRANCES & ACCESSIBLE UNITS BC 1106.1 ONE TWO ACCESSIBLE PARKING SPACES PROVIDED 107.6.2.2.1 (TYPE A UNITS) IN GROUP R-2 OCCUPANCY MORE THAN 20 DWELLING UNITS, RESIDENTIAL 10 2% = .2 = 1 ONE TYPE A UNIT WILL BE PROVIDED NRE FOUR OR MORE UNITS, EVERY UNIT SHALL BE TYPE B UNIT ALL UNITS TO BE DESIGNED AS N ELEVATOR. WATER CLOSET REQ PROV LAVATORIES REQ PROV MALE / FEMALE MALE / FEMALE		
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HOUT WITH AN APPROVED FIRE ALARM DETECTION SYSTEM.	2- HOURS WHEN CONNEC	CTING 4- STORY OR MORE INCLUDING BASEMENT.
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MALE / FEMALE MALE / FEMALE )	BC 1106.1 ONE TWO A( 107.6.2.2.1 (TYPE A UNITS RESIDENTIAL 10 2% = .2	CCESSIBLE PARKING SPACES PROVIDED ) IN GROUP R-2 OCCUPANCY MORE THAN 20 DWELLING UNITS, = 1 ONE TYPE A UNIT WILL BE PROVIDED
	IBC 1106.1 ONE TWO A( 107.6.2.2.1 (TYPE A UNITS RESIDENTIAL 10 2% = .2 ARE FOUR OR MORE UNIT: N ELEVATOR.	CCESSIBLE PARKING SPACES PROVIDED ) IN GROUP R-2 OCCUPANCY MORE THAN 20 DWELLING UNITS, = 1 ONE TYPE A UNIT WILL BE PROVIDED S, EVERY UNIT SHALL BE TYPE B UNIT ALL UNITS TO BE DESIGNED AS
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# **BUILDING SECTION FIRE RATING DIAGRAM**

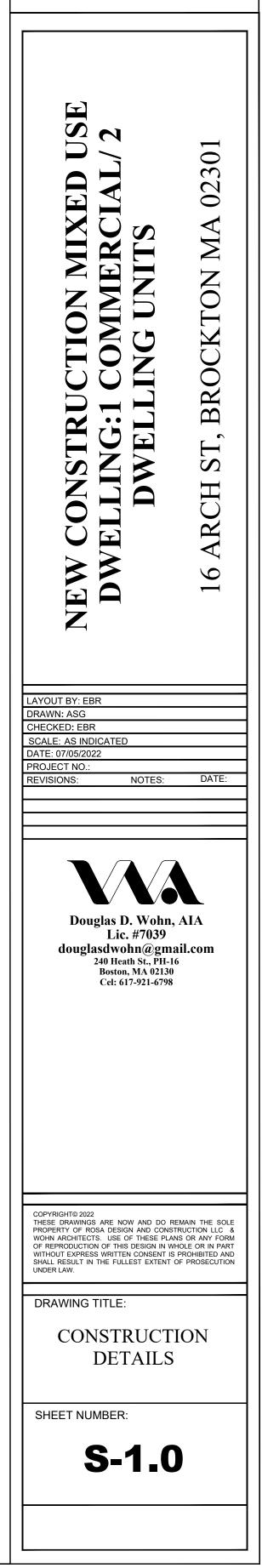


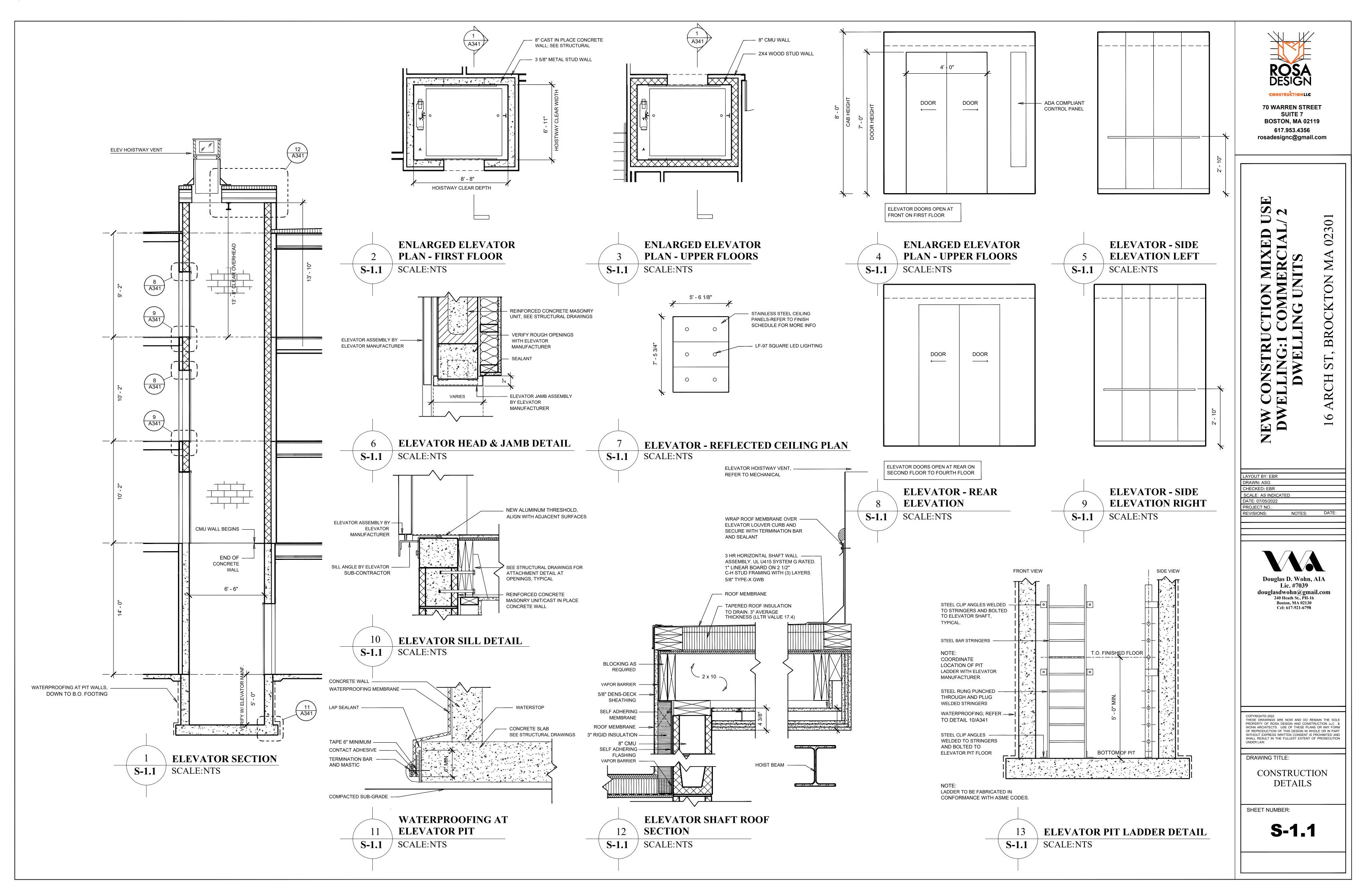


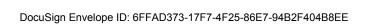


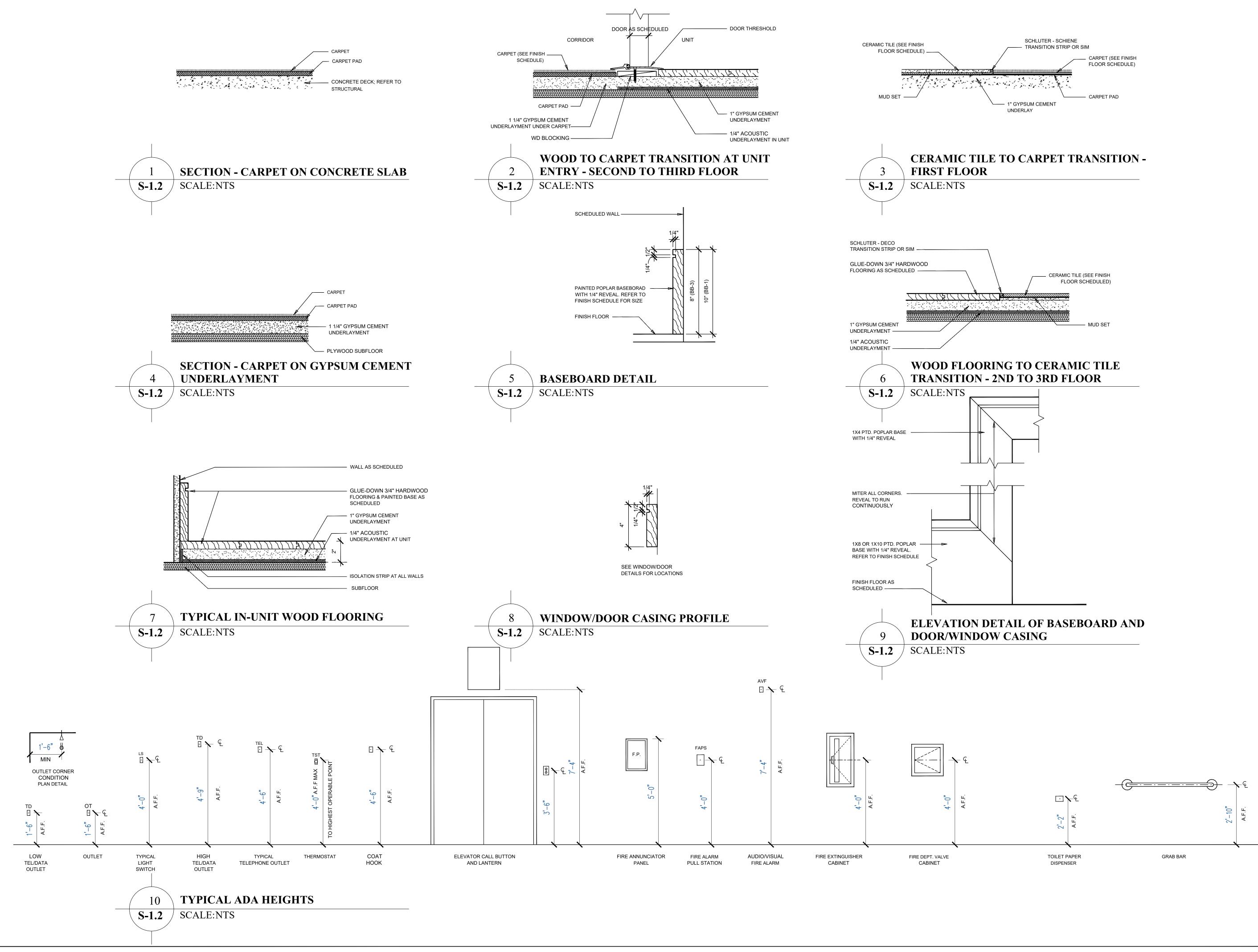


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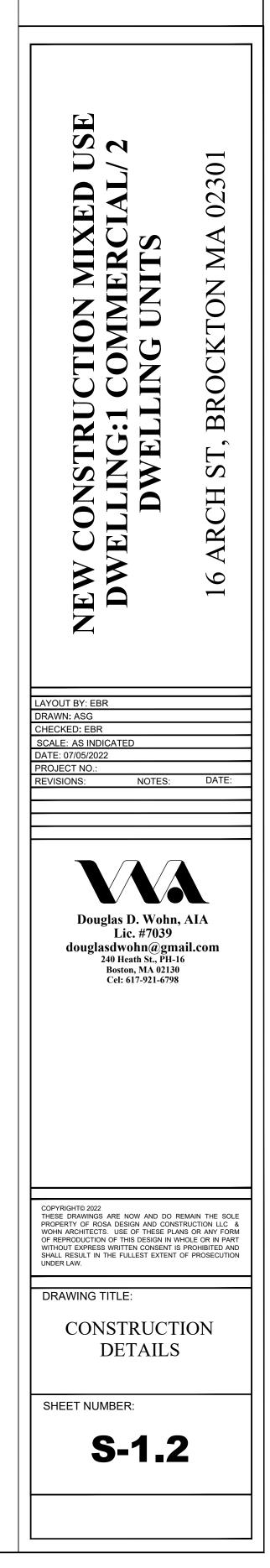


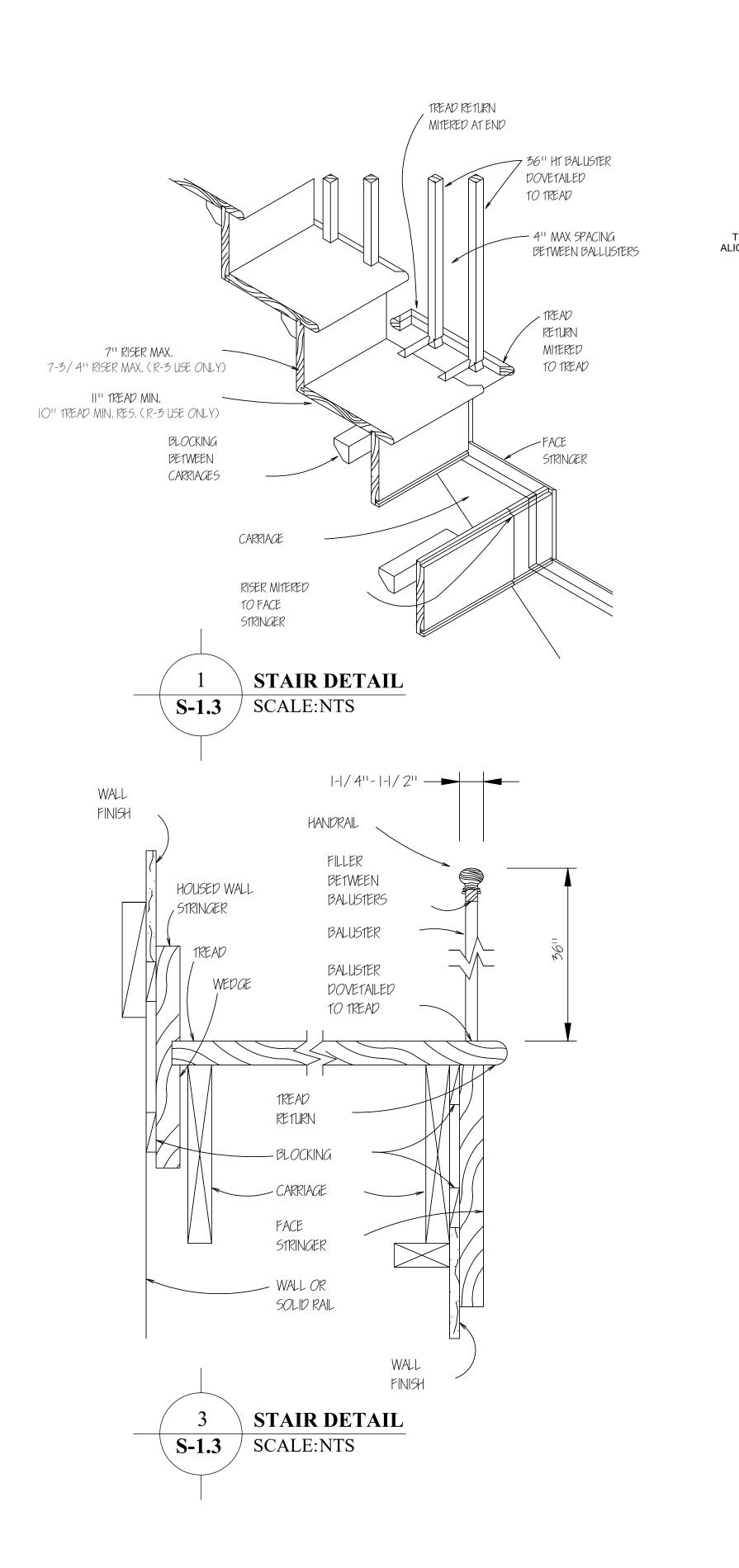


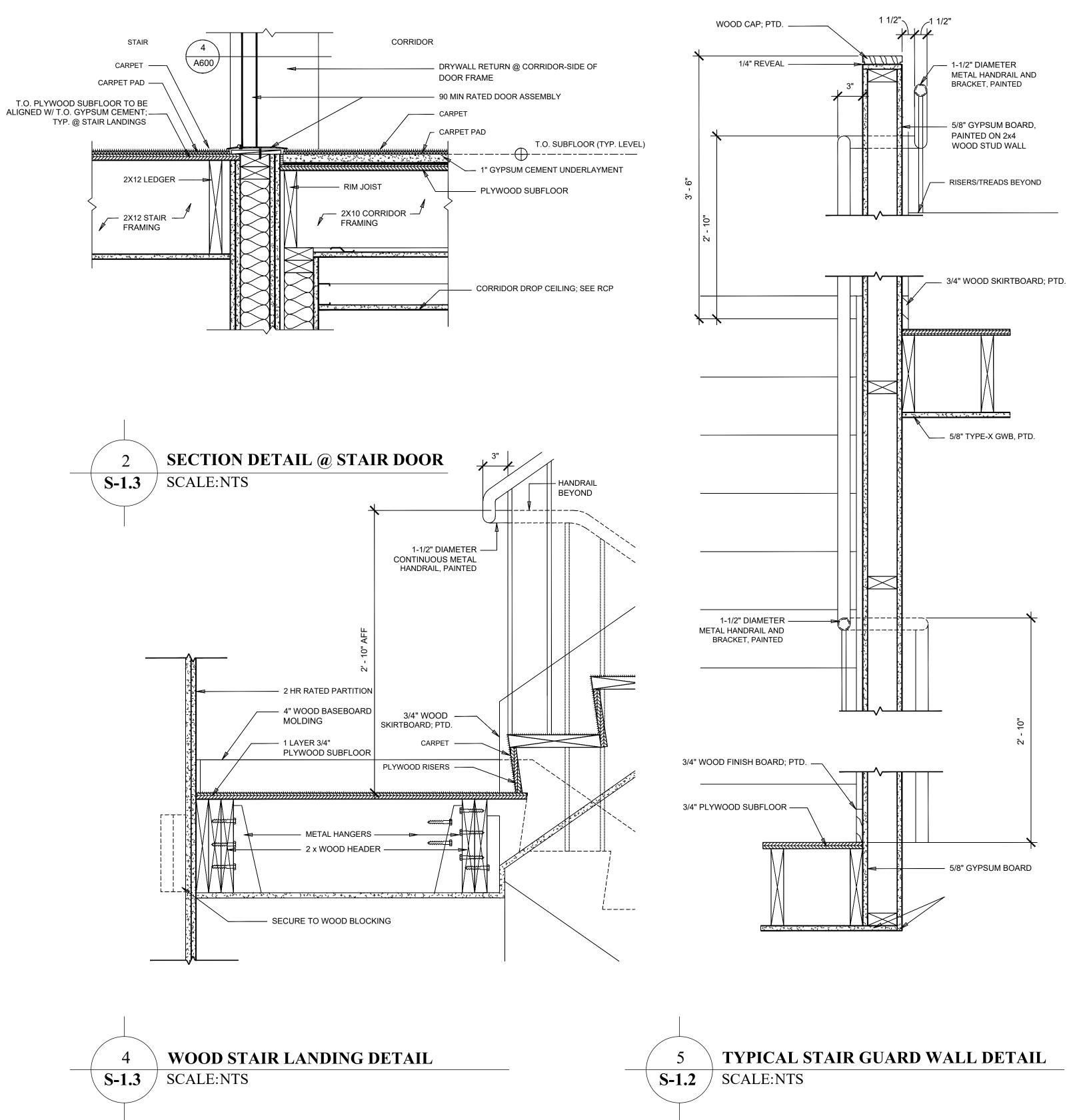


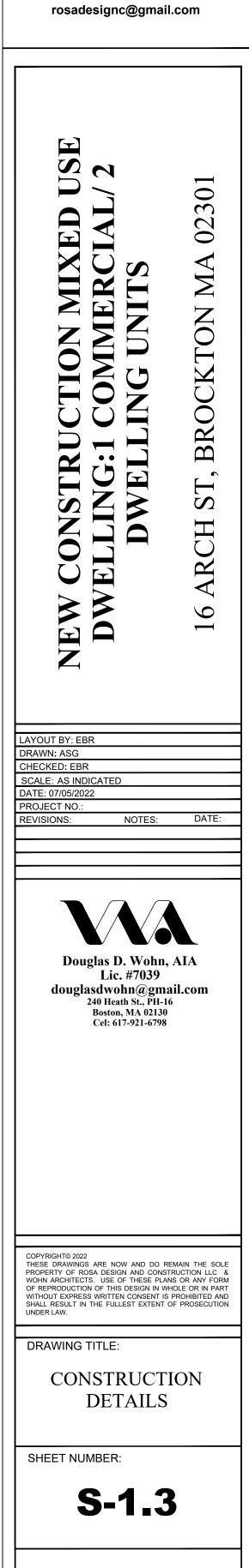


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