ADDL	ADDITIONAL	MANUF OR MFR	MANUFACTURER
ALT	ALTERNATE	MATL	MATERIAL
AFF	ABOVE FINISH FLOOR	MAX	MAXIMUM
ASTM	AMERICAN SOCIETY FOR TESTING		MECHANICAL
	AND MATERIALS	MEMB	MEMBRANE
AWS	AMERICAN WELDING SOCIETY	MEP	MECHANICAL EQUIPMENT PAD
AB	ANCHOR BOLT	MID	MIDDLE
& OR \$	AND	MID-PT	MID-POINT
APPROX	APPROXIMATELY	MIN	MINIMUM
ARCH	ARCHITECT OR ARCHITECTURAL	MR	MOISTURE RESISTANT
@	AT		
		NFPA	NATIONAL FOREST PRODUCTS
BAL	BALANCE		ASSOCIATION
BETW	BETWEEN	NOM	NOMINAL
BM	BEAM	NWC	NORMAL WEIGHT CONCRETE
BRG	BEARING	N	NORTH
BLK B OR BOT	BLOCK BOTTOM	NIC	NOT IN CONTRACT
BEW	BOTTOM EACH WAY	NTS	NOT TO SCALE
BRKT	BRACKET	NO OR #	NUMBER
BLDG	BUILDING	OC	ON CENTER
5250	20.22	OPNG	OPENING
CIP	CAST-IN-PLACE	OPP	OPPOSITE
CTRD	CENTERED	OD	OUTSIDE DIAMETER
<u></u>	CENTERLINE	OF	OUTSIDE FACE
CLR	CLEAR		
COL	COLUMN	P.T.	PRESSURE TREATED
CONC	CONCRETE	PT	POINT
CMU	CONCRETE MASONRY LINIT	PTD	PAINTED
CONST	CONCEDUCTION	PTB	POST-TENSIONED BAR
CONSTJT OR (CONCEDUCTION IOINE	PSF PSI	POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH
CONT	CONTINUIOLIC	PVC	POLYVINYL CHLORIDE
CJ	CONTROL IOINT	P/C	PRECAST CONCRETE
DET		.,,	
DET	DETAIL	R	RADIUS
DIA OR Ø	DIAMETER	REF	REFERENCE
DIM		REINF	REINFORCE, REINFORCING
DN	DOWN		OR REINFORCEMENT
DWG		REQD	REQUIRED
		RD	ROOF DRAIN
EA	EACH		
ELECT	ELECTRICAL	S	SEALANT
EL OR	ELEVATION	SCH OR SCHED	SCHEDULE
ELEV ϕ	ELEVATION	SECT	SECTION
EMBED	EMBEDMENT	SH	SHEET
		SIM	SIMILAR
	\vdash () $\mid \Delta \mid$	000	
EQ EQUIP	EQUAL FOLIPMENT	SOG	SLAB ON GRADE
EQ EQUIP	EQUAL EQUIPMENT EXISTING	S	SLAB ON GRADE SOUTH
EQ	EQUAL EQUIPMENT EXISTING EXPANSION BOLT	S SPECS	SOUTH SPECIFICATIONS
EQ EQUIP EXIST EXP BOLT	EQUAL EQUIPMENT EXISTING EXPANSION BOLT	S	SOUTH
EQ EQUIP EXIST EXP BOLT	EQUAL EQUIPMENT EXISTING EXPANSION BOLT EXPANSION JOINT EXTERIOR	S SPECS SPKR SQ	SOUTH SPECIFICATIONS SPRINKLER SQUARE
EQ EQUIP EXIST EXP BOLT EJ OR EXP JT	EQUAL EQUIPMENT EXISTING EXPANSION BOLT EXPANSION JOINT EXTERIOR	S SPECS SPKR SQ STN STL	SOUTH SPECIFICATIONS SPRINKLER SQUARE STAINLESS STEEL
EQ EQUIP EXIST EXP BOLT EJ OR EXP JT	EQUAL EQUIPMENT EXISTING EXPANSION BOLT EXPANSION JOINT EXTERIOR	S SPECS SPKR SQ STN STL STD	SOUTH SPECIFICATIONS SPRINKLER SQUARE STAINLESS STEEL STANDARD
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EQ EQUIP EXIST EXP BOLT EJ OR EXP JT EXT	EQUAL EQUIPMENT EXISTING EXPANSION BOLT EXPANSION JOINT EXTERIOR FINISH FACE FEET OR FOOT FINISH FINISHED FLOOR	S SPECS SPKR SQ STN STL STD STL STL ST STL ST STL	SOUTH SPECIFICATIONS SPRINKLER SQUARE STAINLESS STEEL STANDARD STEEL STAINLESS STEEL STAINLESS STEEL STRUCTURAL
EQ EQUIP EXIST EXP BOLT EJ OR EXP JT EXT FF FT FIN FIN FL FPRF	EQUAL EQUIPMENT EXISTING EXPANSION BOLT EXPANSION JOINT EXTERIOR FINISH FACE FEET OR FOOT FINISH FINISHED FLOOR FIREPROOF	S SPECS SPKR SQ STN STL STD STL STL ST STL	SOUTH SPECIFICATIONS SPRINKLER SQUARE STAINLESS STEEL STANDARD STEEL STAINLESS STEEL
EQ EQUIP EXIST EXP BOLT EJ OR EXP JT EXT FF FT FIN FIN FL FPRF FL	EQUAL EQUIPMENT EXISTING EXPANSION BOLT EXPANSION JOINT EXTERIOR FINISH FACE FEET OR FOOT FINISH FINISHED FLOOR FIREPROOF FLOOR	S SPECS SPKR SQ STN STL STD STL STL ST STL ST STL	SOUTH SPECIFICATIONS SPRINKLER SQUARE STAINLESS STEEL STANDARD STEEL STAINLESS STEEL STAINLESS STEEL STRUCTURAL
EQ EQUIP EXIST EXP BOLT EJ OR EXP JT EXT FF FT FIN FIN FL FPRF FL FD	EQUIPMENT EXISTING EXPANSION BOLT EXPANSION JOINT EXTERIOR FINISH FACE FEET OR FOOT FINISH FINISHED FLOOR FIREPROOF FLOOR FLOOR DRAIN	S SPECS SPKR SQ STN STL STD STL STL ST STL STRUCT SYM	SOUTH SPECIFICATIONS SPRINKLER SQUARE STAINLESS STEEL STANDARD STEEL STAINLESS STEEL STRUCTURAL SYMMETRICAL
EQ EQUIP EXIST EXP BOLT EJ OR EXP JT EXT FF FT FIN FIN FL FPRF FL FD FTG	EQUAL EQUIPMENT EXISTING EXPANSION BOLT EXPANSION JOINT EXTERIOR FINISH FACE FEET OR FOOT FINISH FINISHED FLOOR FIREPROOF FLOOR FLOOR FLOOR DRAIN FOOTING	S SPECS SPKR SQ STN STL STD STL STL ST STL STRUCT SYM	SOUTH SPECIFICATIONS SPRINKLER SQUARE STAINLESS STEEL STANDARD STEEL STAINLESS STEEL STAINLESS STEEL STRUCTURAL SYMMETRICAL TEMPERATURE OR
EQ EQUIP EXIST EXP BOLT EJ OR EXP JT EXT FF FT FIN FIN FL FPRF FL FD FTG FDN	EQUAL EQUIPMENT EXISTING EXPANSION BOLT EXPANSION JOINT EXTERIOR FINISH FACE FEET OR FOOT FINISH FINISHED FLOOR FIREPROOF FLOOR FLOOR DRAIN FOOTING FOUNDATION	S SPECS SPKR SQ STN STL STD STL ST STL ST STL STRUCT SYM TEMP	SOUTH SPECIFICATIONS SPRINKLER SQUARE STAINLESS STEEL STANDARD STEEL STAINLESS STEEL STAINLESS STEEL STRUCTURAL SYMMETRICAL TEMPERATURE OR TEMPORARY
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EQ EQUIP EXIST EXP BOLT EJ OR EXP JT EXT FF FT FIN FIN FL FPRF FL FD FTG FDN GA GALV GWB or GYP HGT H OR HORIZ HDR INFO INCL ID IF INSUL	EQUAL EQUIPMENT EXISTING EXPANSION BOLT EXPANSION JOINT EXTERIOR FINISH FACE FEET OR FOOT FINISH FINISHED FLOOR FIREPROOF FLOOR FLOOR DRAIN FOOTING FOUNDATION GAGE OR GAUGE GALVANIZED GYPSUM WALL BOARD HEIGHT HORIZONTAL HEADER INFORMATION INCLUDING OR INCLUSIVE INSIDE DIAMETER INSIDE FACE INSULATION INTERIOR	SPECS SPKR SQ STN STL STD STL ST STL STRUCT SYM TEMP THK X TO T & B TOC TOS TOW TYP UNO V OR VERT VIF	SOUTH SPECIFICATIONS SPRINKLER SQUARE STAINLESS STEEL STANDARD STEEL STAINLESS STEEL STAINLESS STEEL STRUCTURAL SYMMETRICAL TEMPERATURE OR TEMPORARY THICK OR THICKNESS TIMES OR BY TOP OF TOP AND BOTTOM TOP OF CURB or CONCRETE TOP OF STEEL TOP OF WALL TYPICAL UNLESS NOTED OTHERWISE VERTICAL VERIFY IN FIELD WEST WESTERN WOOD PRODUCTS
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SPRINGFIELD STREET RESIDENCES

8 E. Springfield Street, Boston, MA 02118

CODE ANALYSIS:

 APPLICABLE CODES: **BUILDING CODE** IBC 2015 (780 CMR) **IEBC 2015 IECC 2018** IFC 2015 (527 CMR) 8TH EDITION AMENDMENTS

2. ZONING DISTRICT - SOUTH END NEIGHBORHOOD **SETBACKS**:

RIGHT:	NONE	NONE
RIGHT:	NONE	NONE
LEFT:	NONE	NONE
REAR:	20'	6'-6"
HEIGHT:	70'	47'-10"
FIRST SECO THIRE	2,880SF IA	

ALLOWED

MECH/STORAGE/LAUNDRY: 165GSF (NOT INCLUDED IN F.A.R.)

PARTITION TYPES

3. USABLE OPEN SPACE REQUIREMENTS: 200SF PER DWELLING UNIT REQUIRED U.O.S.: 400SF PER TABLE C, NOTE #3: 25% OF REQ'D U.O.S. ALLOWED ON ROOF OF MAIN BUILDING: 150SF

PROPOSED: **REAR YARD: 330SF ROOF DECK: 150SF** TOTAL U.O.S: 480SF

4. CHAPTER 3 - USE GROUP CLASSIFICATION SECTION 310.0 - R3

5. CHAPTER 6 - CONSTRUCTION CLASSIFICATION TABLE 602 - UNIT SEPERATION - 1HR SECTION 602.5 - TYPE 5A CONSTRUCTION

6. CHAPTER 7 - EXTERIOR WALLS TABLE 705.8 - MAX WALL EXTERIOR OPENING - 15%

PERFORMANCE SPECIFICATIONS:

1.EXTERIOR WALLS: 2X6 WOOD FRAMING R21 MIN INSULATION VALUE (CAVITY) BASEMENT: R10 CONTINUOUS INSULATION OR R13 CAVITY INSULATION 2. WINDOWS: DOUBLE PANE LOW E MIN. U-FACTOR: .32 REQUIREMENTS FOR 1 WDW MIN PER BEDROOM: 5.7SF OPERABLE CLEAR AREA, 44" MAX SILL HGT 3. EXTERIOR DOORS: DOUBLE PANE LOW E MIN. U-FACTOR: .33 4. CEILING/ROOF R49 MIN INSULATION VALUE 5. FOUNDATION 10" MIN 2,500PSI MIN 6. STAIRS: COMMON: 7 1/2" MAX RISER 11" MIN TREAD INSIDE DWELLING: 8 1/4" MAX RISER HANDRAILS:

BALUSTERS: 4" MAX CLEAR WIDTH

DRAWING LIST SYMBOL LEGEND SHEET#

EXISTING WALL PROPOSED WALL [======] EXISTING WALL TO BE REMOVED

EXISTING DOOR PROPOSED DOOR

ROOM TAG

ELEVATION TAG

SECTION TAG

(UL DESIGN U309)

KIDDE I12010SCO

(PHOTOELECTRIC) KIDDE KN-COPE-IC

HEAT DETECTOR - KIDDE HD135F

COMBO SMOKE/CO DETECTOR -

COMBO SMOKE/CO DETECTOR

■■■■ 1HR RATED PARTITION

Room name

101

CODES AND REGULATIONS. UNLESS OTHERWISE AGREED UPON, THE CONTRACTOR IS RESPONSIBLE FOR SECURING ALL BUILDING PERMITS AS REQUIRED TO PERFORM HIS OR HER WORK AND WILL RETAIN AND PAY FOR ALL REQUIRED INSPECTIONS FOR THE DURATION OF CONSTRUCTION.

2. CONTRACTOR SHALL VERIFY ALL EXISTING CEILINGS AND EGRESS STAIRS ARE 1HR FIRE RATED. SINGLE LAYER OF PLASTER OR 5/8" GWB EACH SIDE OF INTERIOR PARTITION (UL DESIGN# L305) SINGLE 5/8" AT CEILINGS (UL DESIGN# L512). ALL REPLACEMENT PATCHING OR REPAIRING IS THE RESPONSIBILITY OF CONTRACTOR. CONTACT ARCHITECT IF RATING IS BELIEVED TO BE INHERENT IN EXISTING ASSEMBLY.

4. CONTRACTOR RESPONSIBLE FOR ALL PREPARATION WORK REQUIRED BY MANUFACTURER'S SPECIFICATIONS.

5. CONTRACTOR SHALL PROVIDE PRODUCT SUBMITTAL FOR SMOKE ALARM FIXTURES FOR APPORVAL

6. CONFLICTS BETWEEN SITE CONDITIONS AND DRAWINGS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT OR THE APPROPRIATE

7. CONFIRM DIMENSIONS WITH THE ARCHITECT OR APPROPRIATE

8. CONTRACTOR TO NOTIFY ARCHITECT, AFTER LAYOUT AND PRIOR TO FRAMING, OF ANY DISCREPANCY, OMISSION, OR UNANTICIPATED FIELD CONDITIONS ALTER THE DESIGN INTENT.

9. CONTRACTOR TO NOTIFY ARCHITECT, AFTER LAYOUT AND PRIOR TO FRAMING, IF DIMENSIONS INDICATED WITH "+/-" VARIES MORE THAN 3" FROM ACTUAL FIELD MEASURMENTS.

10. CONTRACTOR RESPONSIBLE FOR ALL PREPARATION WORK REQUIRED BY MANUFACTURER'S SPECIFICATIONS.



1. WORK SHALL COMPLY WITH FEDERAL, STATE AND LOCAL BUILDING

SHEET NAME

TITLE SHEET

FLOOR PLANS - BSMT, 1ST & 2ND

FLOOR PLANS - 3RD, 4TH & ROOF

EXTERIOR ELEVATIONS

A100

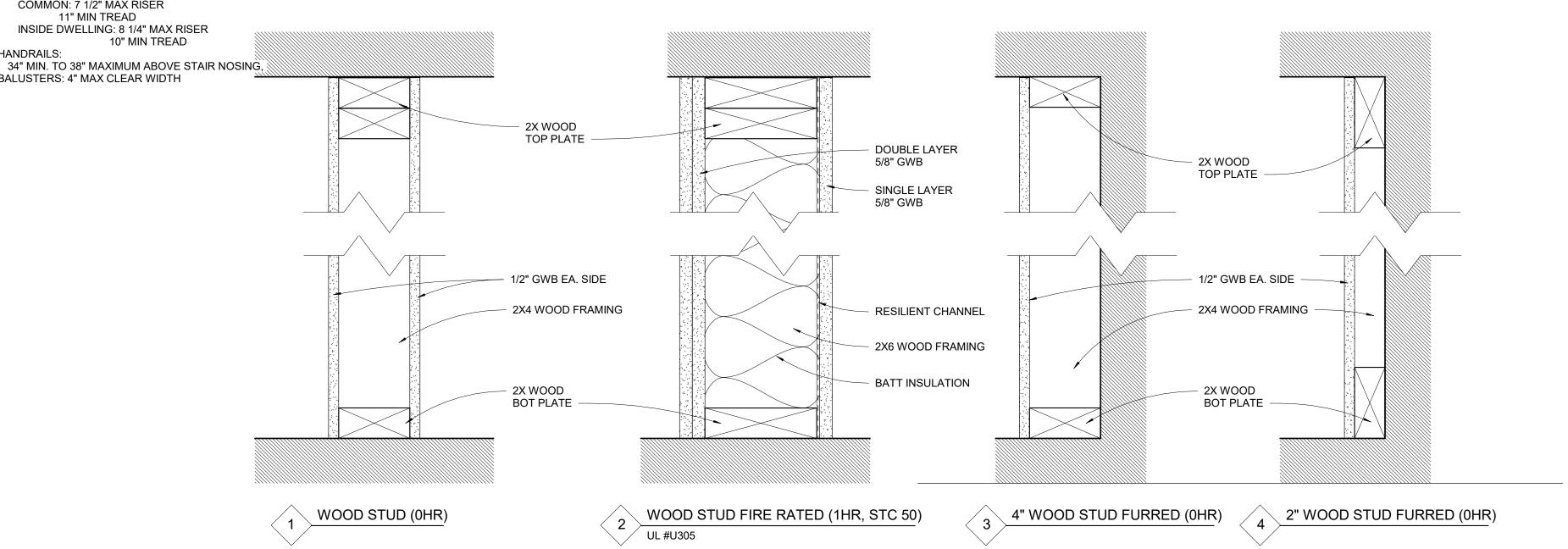
A200

3. CONTRACTOR SHALL ENGAGE A LICENSED ELECTRICIAN FOR ALL ELECTRICAL WORK AND IN COMPLIANCE WITH NFPA 70.

CONSULTING ENGINEERS.

CONSULTING ENGINEER.

11. DAMAGED TO EXISTING OR NEW CONSTRUCTION CAUSED BY THE CONTRACTOR, HIS OR HER SUB-CONTRACTORS OR CREW IS THE RESPONSIBILITY OF THE CONTRACTOR.



517 boston post rd suite #30 sudbury, ma 01776 p: 508.500.4730

www.s47a.com

PROJECT: **Springfield Street** Residences

8 Springfield St Boston, MA 02118

PROJECT TEAM:

REVISIONS:

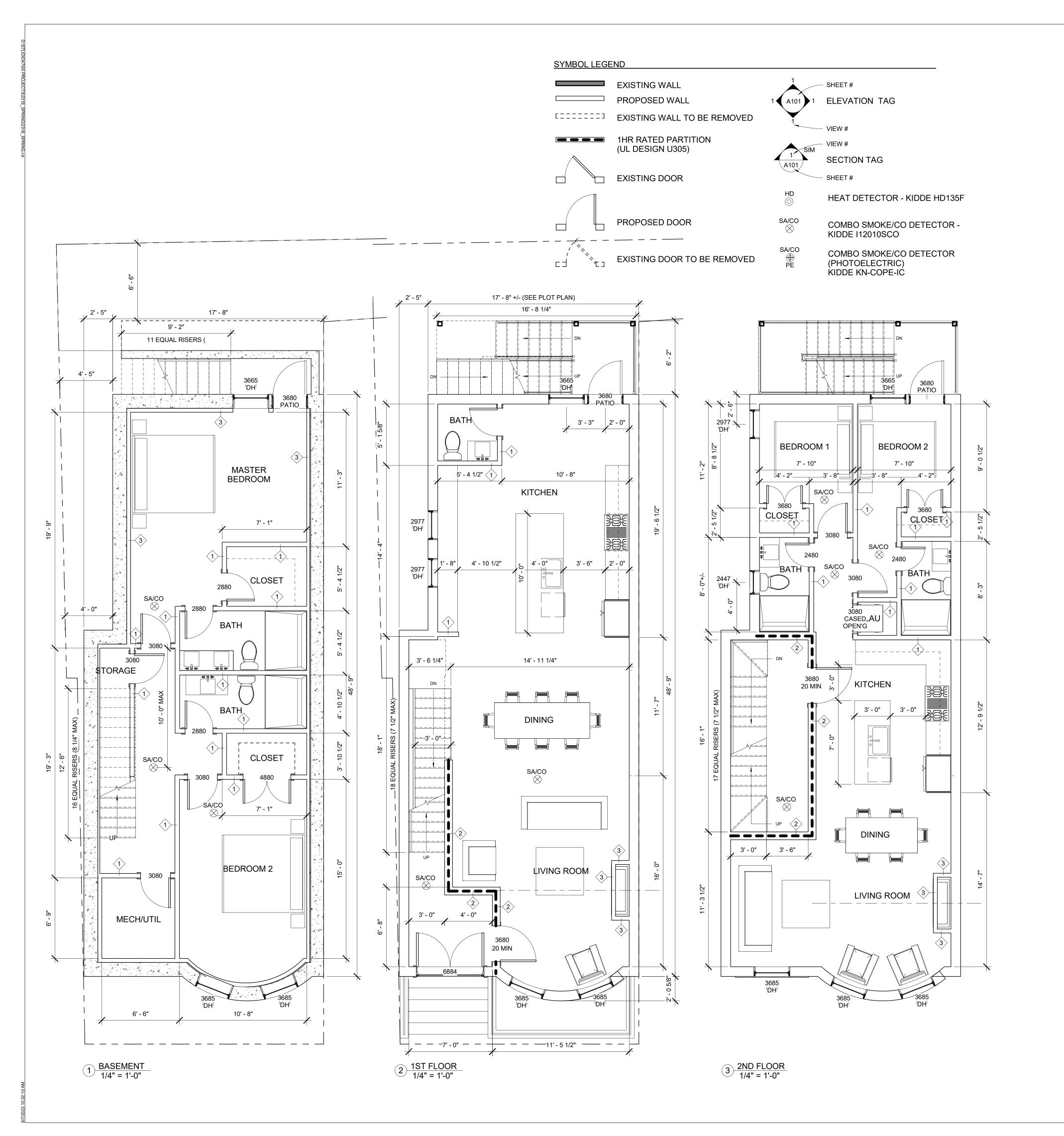
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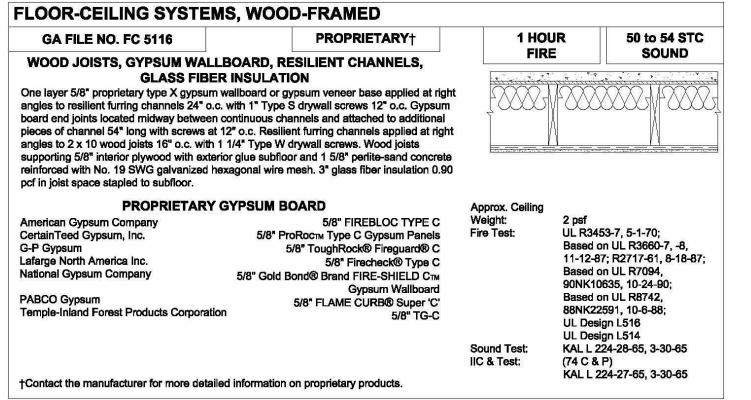
TITLE SHEET



GCOD APPROVAL DOCUMENT PHASE As indicated SCALE

DRAWING NUMBER:





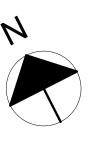
MINIMUIM FLOOR ASSEMBLY (STC 50)

GA FILE NO. FC 5240	GENERIC	1 HOUR	45 to 49 STC
WOOD JOISTS, GYPSUM WALLBO One layer 1/2" type X gypsum wallboard or gy o resilient furning channels 24" o.c. with 1" Ty oard end joints located midway between con additional pieces of channel 54" long with scre applied at right angles to 2 x 10 wood joists 16 Wood joists supporting 1" nominal T & G wood loor, or 19/32" plywood finished floor with long with exterior glue subfloor perpendicular to join	ARD, RESILIENT CHANNELS, sum veneer base applied at right angles e S drywall screws 12" o.c. Gypsum nuous channels and attached to vs 12" o.c. Resilient furring channels o.c. with 1 1/4" Type W drywall screws. subfloor and 1" nominal wood finish edges T & G and 15/32" interior plywood	Approx. Ceiling Weight: Fire Test:	3 psf UL R1319-65, 11-16-64

ACCEPTABLE FLOOR ASSEMBLY IF FIELD TESTED (STC45)

GENERAL NOTES:

- 1. WORK SHALL COMPLY WITH FEDERAL, STATE AND LOCAL BUILDING CODES AND REGULATIONS. UNLESS OTHERWISE AGREED UPON, THE CONTRACTOR IS RESPONSIBLE FOR SECURING ALL BUILDING PERMITS AS REQUIRED TO PERFORM HIS OR HER WORK AND WILL RETAIN AND PAY FOR ALL REQUIRED INSPECTIONS FOR THE DURATION OF CONSTRUCTION.
- 2. CONTRACTOR SHALL VERIFY ALL EXISTING CEILINGS AND EGRESS STAIRS ARE 1HR FIRE RATED. SINGLE LAYER OF PLASTER OR 5/8" GWB EACH SIDE OF INTERIOR PARTITION (UL DESIGN# L305), SINGLE 5/8" AT CEILINGS (UL DESIGN# L512). ALL REPLACEMENT PATCHING OR REPAIRING IS THE RESPONSIBILITY OF CONTRACTOR. CONTACT ARCHITECT IF RATING IS BELIEVED TO BE INHERENT IN EXISTING ASSEMBLY.
- 3. CONTRACTOR SHALL ENGAGE A LICENSED ELECTRICIAN FOR ALL ELECTRICAL WORK AND IN COMPLIANCE WITH NFPA 70.
- 4. CONTRACTOR RESPONSIBLE FOR ALL PREPARATION WORK REQUIRED BY MANUFACTURER'S SPECIFICATIONS.
- 5. CONTRACTOR SHALL PROVIDE PRODUCT SUBMITTAL FOR SMOKE ALARM FIXTURES FOR APPORVAL
- 6. CONFLICTS BETWEEN SITE CONDITIONS AND DRAWINGS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT OR THE APPROPRIATE CONSULTING ENGINEERS.
- 7. CONFIRM DIMENSIONS WITH THE ARCHITECT OR APPROPRIATE CONSULTING ENGINEER.
- 8. CONTRACTOR TO NOTIFY ARCHITECT, AFTER LAYOUT AND PRIOR TO FRAMING, OF ANY DISCREPANCY, OMISSION, OR UNANTICIPATED FIELD CONDITIONS ALTER THE DESIGN INTENT.
- 9. CONTRACTOR TO NOTIFY ARCHITECT, AFTER LAYOUT AND PRIOR TO FRAMING, IF DIMENSIONS INDICATED WITH "+/-" VARIES MORE THAN 3" FROM ACTUAL FIELD MEASURMENTS.
- 10. CONTRACTOR RESPONSIBLE FOR ALL PREPARATION WORK REQUIRED BY MANUFACTURER'S SPECIFICATIONS.
- 11. DAMAGED TO EXISTING OR NEW CONSTRUCTION CAUSED BY THE CONTRACTOR, HIS OR HER SUB-CONTRACTORS OR CREW IS THE RESPONSIBILITY OF THE CONTRACTOR.



ARCHITECT

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PROJECT:
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Residences

8 Springfield St Boston, MA 02118

CLIENT:

River Front Realty

275 Main St

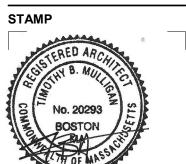
Boston, MA

PROJECT TEAM:

REVISIONS:

DRAWING TITLE:

FLOOR PLANS -BSMT, 1ST & 2ND



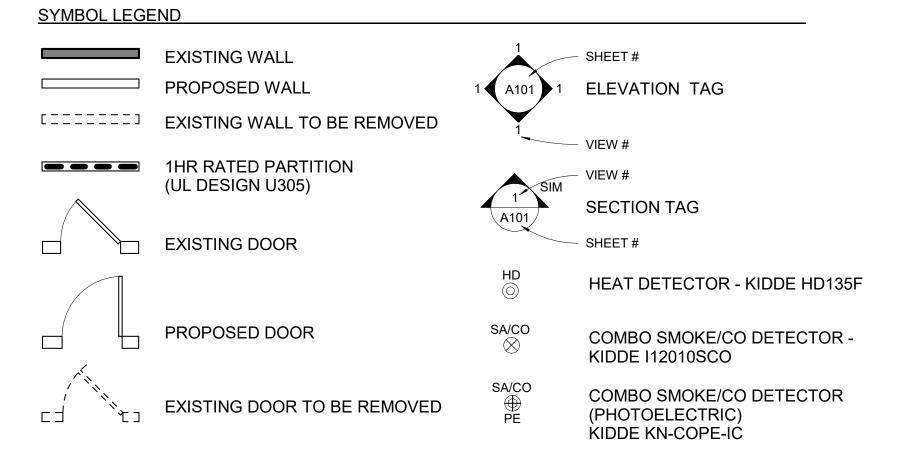
Septembner 7, 2023
DATE OF ISSUE

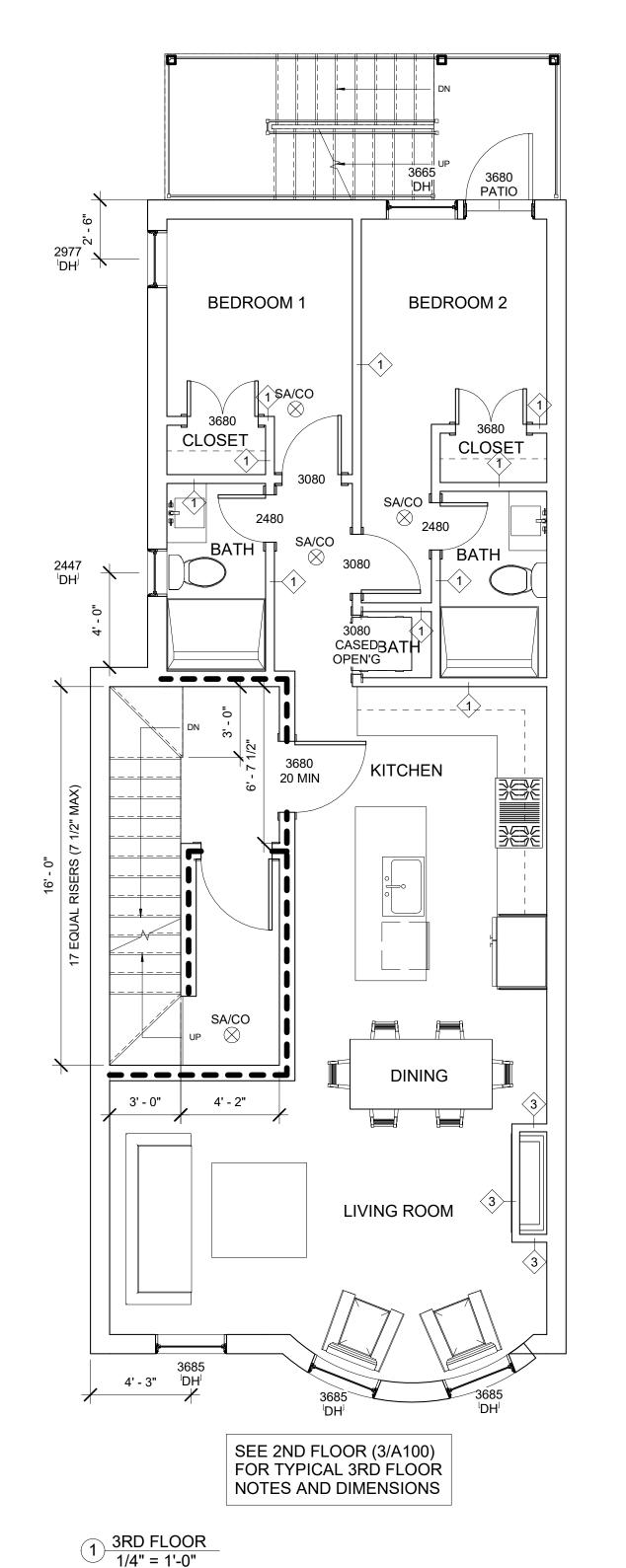
GCOD APPROVAL
DOCUMENT PHASE

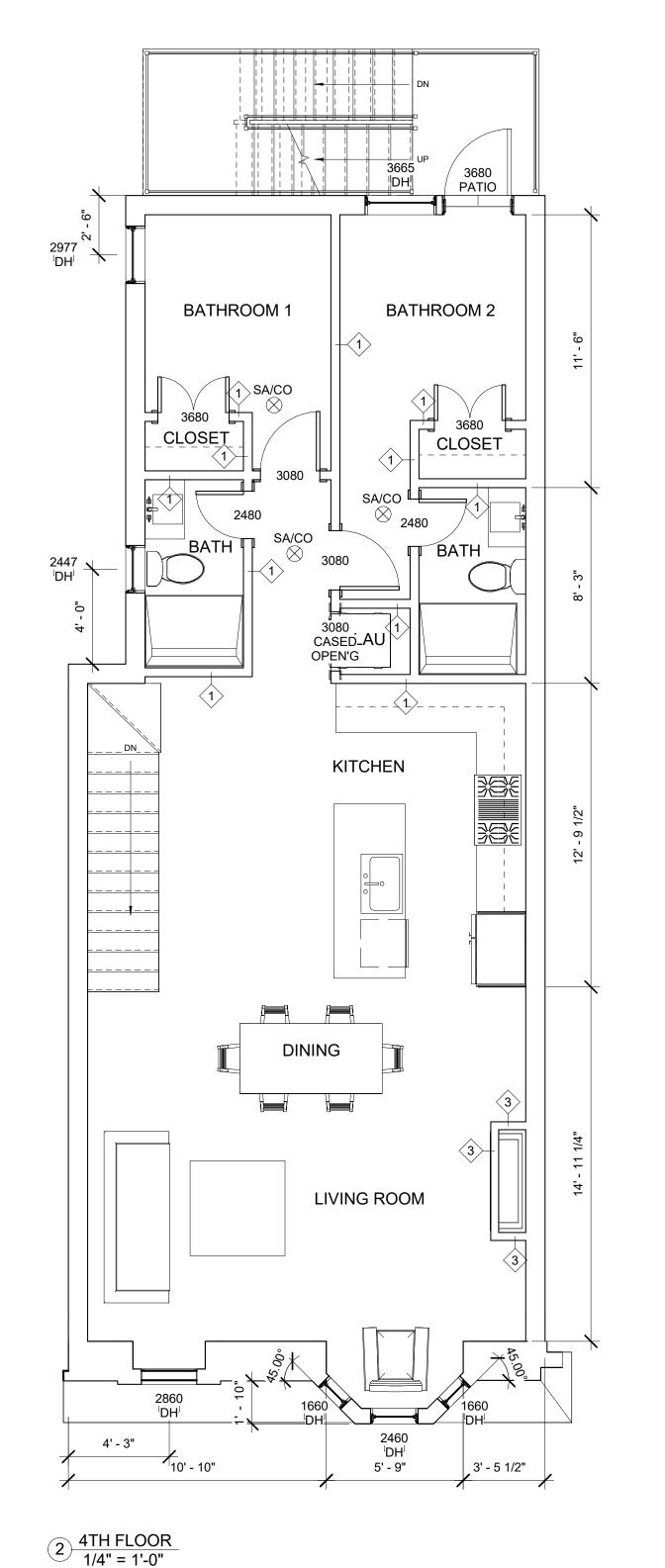
1/4" = 1'-0"

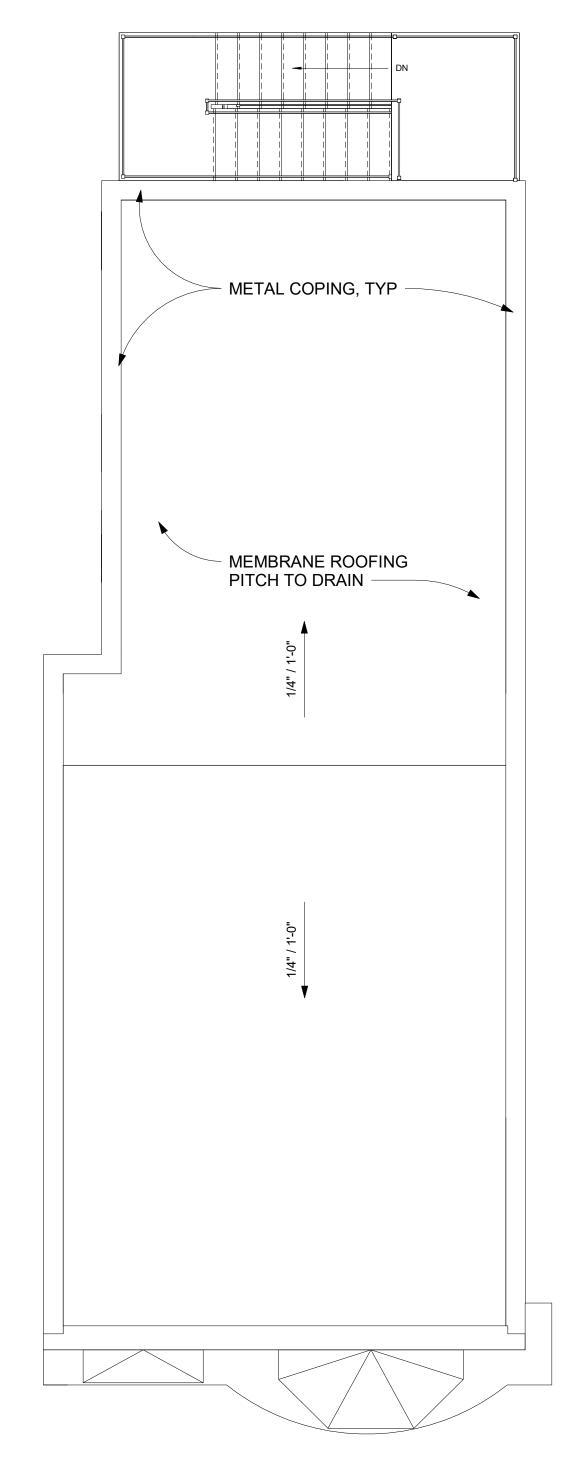
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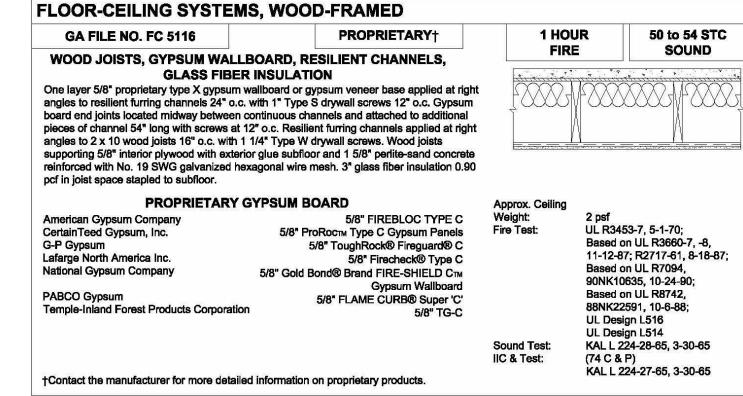
A100











MINIMUIM FLOOR ASSEMBLY (STC 50)

GA FILE NO. FC 5240	GENERIC	1 HOUR	45 to 49 STC
WOOD JOISTS, GYPSUM WALLBO. One layer 1/2" type X gypsum wallboard or gyr to resilient furring channels 24" o.c. with 1" Typ board end joints located midway between contadditional pieces of channel 54" long with screapplied at right angles to 2 x 10 wood joists 16 Wood joists supporting 1" nominal T & G wood floor, or 19/32" plywood finished floor with long with exterior glue subfloor perpendicular to jois	osum veneer base applied at right angles se S drywall screws 12" o.c. Gypsum inuous channels and attached to ws 12" o.c. Resilient furring channels " o.c. with 1 1/4" Type W drywall screws. I subfloor and 1" nominal wood finish edges T & G and 15/32" interior plywood	FIRE	SOUND
		Approx. Ceiling Weight: Fire Test:	3 psf UL R1319-65, 11-16-64 UL Design, L514

ACCEPTABLE FLOOR ASSEMBLY IF FIELD TESTED (STC45)

GENERAL NOTES:

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ARCHITECT 547

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River Front Realty

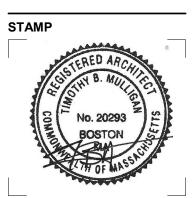
275 Main St Boston, MA

PROJECT TEAM:

REVISIONS:

DRAWING TITLE:

FLOOR PLANS - 3RD, 4TH & ROOF



Septembner 7, 2023
DATE OF ISSUE

GCOD APPROVAL
DOCUMENT PHASE

1/4" = 1'-0" SCALE

DRAWING NUMBER:

A101

3 ROOF PLAN 1/4" = 1'-0"



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75 Main St

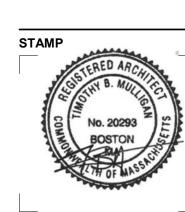
275 Main St Boston, MA

PROJECT TEAM:

REVISIONS:

DRAWING TITLE:

EXTERIOR ELEVATIONS



Septembner 7, 2023
DATE OF ISSUE

GCOD APPROVAL
DOCUMENT PHASE

1/4" = 1'-0"
SCALE

318.00 ROJECT#

DRAWING NUMBER:

A200