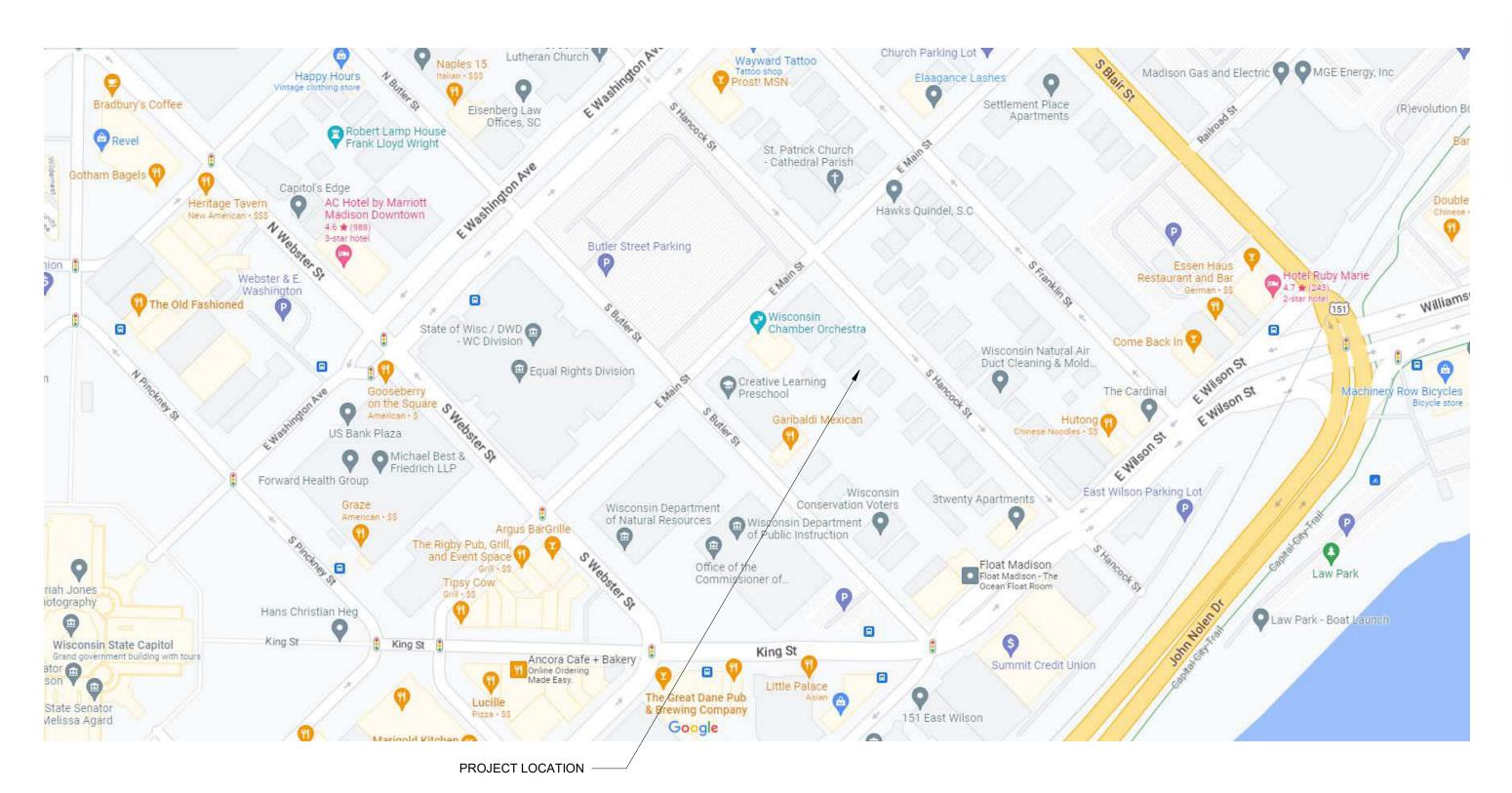
112 South Hancock Street

Madison, WI 53703





(608) 204-7464 AroEberle.com Madison, WI 53703

BUILDING CODE INFORMATION

WISCONSIN UNIFORM COMMERCIAL BUILDING CODE EFFECTIVE MAY 1, 2018 (BASED ON 2015 INTERNATIONAL

2015 INTERNATIONAL EXISTING BUILDING CODE

2015 INTERNATIONAL ENERGY CONSERVATION CODE WITH WISCONSIN AMENDMENTS - SPS 363

2015 INTERNATIONAL MECHANICAL CODE WITH WISCONSIN AMENDMENTS - SPS 364

2015 INTERNATIONAL FUEL GAS CODE WITH WISCONSIN AMENDMENTS - SPS 365

2015 WISCONSIN PLUMBING CODE - SPS 381-387 WISCONSIN STATE ELECTRICAL CODE - SPS 316 CLASS OF CONSTRUCTION: TYPE VB PROTECTED FULLY SPRINKLERED, NFPA 13R

BUILDING NAME: 112 S. HANCOCK STREET

ALTERATION LEVEL: LEVEL 3

PROJECT WORK AREA: BASEMENT - 1,822 SF FIRST - 1,858 SF SECOND - 1,858 SF THIRD - 1,500 SF

> PROJECT TYPE: MULTI-FAMILY RENOVATION / RESTORATION

Description

Design Team

OWNER:

112 SOUTH HANCOCK, LLC 5679 ASHBOURNE LN FITCHBURG, WI 53711 CONTACT: JASON THAM PH: 608-622-6756 EMAIL: THAM.JASON@GMAIL.COM ARCHITECT:

ARO EBERLE ARCHITECTS INC. 433 W. WASHINGTON AVE, SUITE 400 MADISON, WI 53703 CONTACT: DOUG PAHL, AIA PH: (608) 204-7464 EMAIL: PAHL@AROEBERLE.COM

STRUCTURAL ENGINEER:

ONE DESIGN & ENGINEERING 202 ASH STREET CAMBRIDGE, WI 53523 CONTACT: PATRICK EAGAN, SE, PE PH: (608) 577-0443 EMAIL: PATRICK@ONEDNE.COM

Sheet List

COVER SHEET NOTES, ABBREVIATIONS, PARTITION TYPES, MEP DOOR SCHEDULE AND WINDOW SCHEDULE CODE ANALYSIS AND CODE PLANS

ARCHITECTURAL SITE PLAN

DEMOLITION

AD101 DEMOLITION PLANS DEMOLITION PLANS AD103 DEMOLITION PLANS DEMOLITION ELEVATIONS DEMOLITION ELEVATIONS

ROOF FRAMING PLAN A101 BASEMENT & FIRST FLOOR PLAN SECOND & THIRD FLOOR PLAN A104 **ROOF PLAN** FIRST FLOOR REFLECTED CEILING PLAN A111 A112 SECOND FLOOR REFLECTED CEILING PLAN A113 THIRD FLOOR REFLECTED CEILING PLAN FIRST FLOOR FINISH PLAN AND ROOM FINISH SCHEDULE SECOND & THIRD FLOOR FINISH PLAN A201 EXTERIOR ELEVATIONS

EXTERIOR ELEVATIONS EXTERIOR ELEVATIONS A203 A301 BUILDING SECTIONS A314 STAIR PLANS A315 STAIR SECTIONS ENLARGED INTERIOR PLANS AND ELEVATIONS

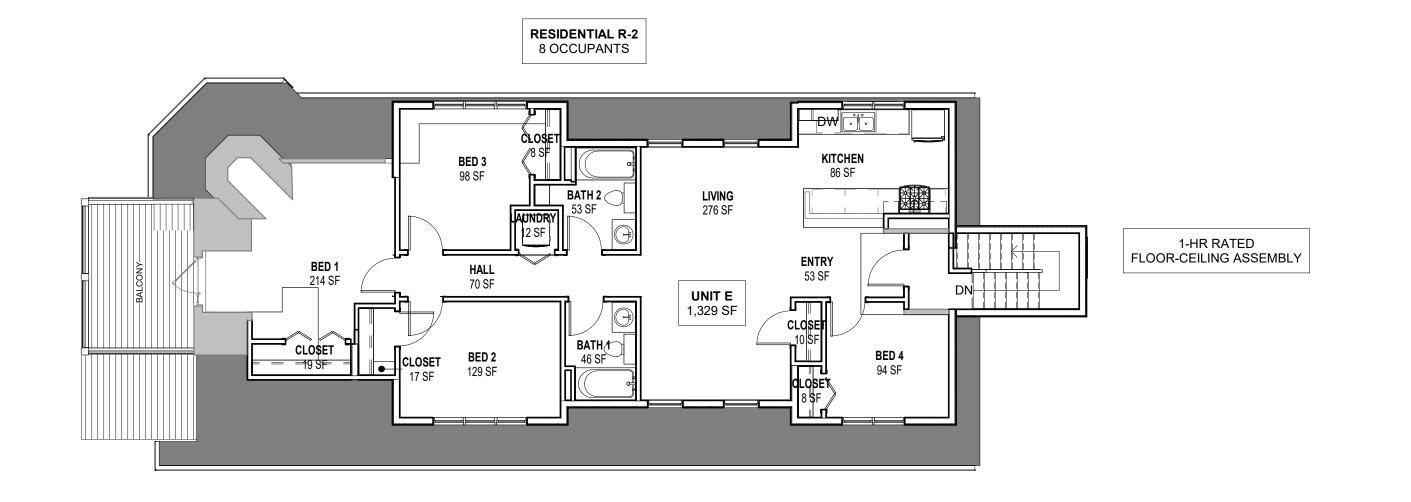
EXTERIOR DETAILS

112 South Hancock Street

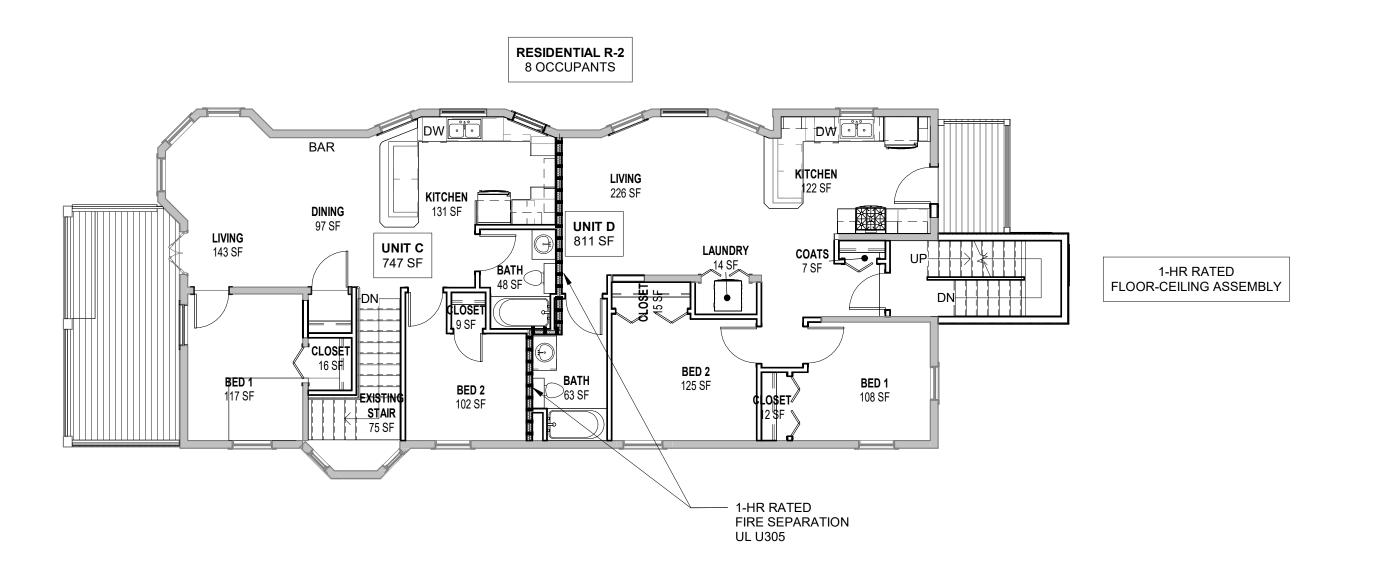
Madison, WI 53703

COVER SHEET

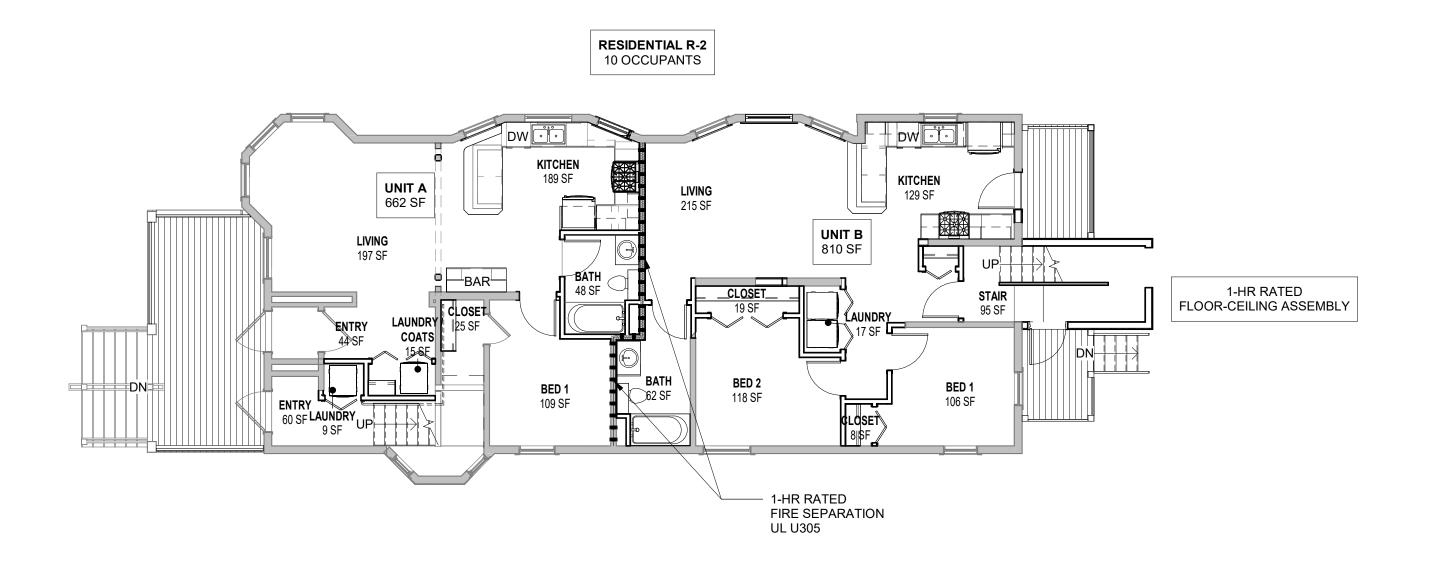
CONSTRUCTION DOCUMENTS	
Project number	THA-22-01
Date	06/08/2023



THIRD FLOOR PLAN - CODE



SECOND FLOOR PLAN - CODE



FIRST FLOOR PLAN - CODE

CODE ANALYSIS:

APPLICABLE CODES: WISCONSIN COMMERCIAL BUILDING CODE 2018 - EFFECTIVE MAY 1, 2018 (BASED ON 2015 INTERNATIONAL BUILDING

2015 INTERNATIONAL EXISTING BUILDING CODE (IEBC)

2015 INTERNATIONAL ENERGY CONSERVATION CODE WITH WISCONSIN AMENDMENTS (SPS 363)

CODE WITH WISCONSIN AMENDMENTS - SPS 361 & 362)

2015 INTERNATIONAL MECHANICAL CODE WITH WISCONSIN AMENDMENTS (SPS 364)

2015 INTERNATIONAL FUEL GAS CODE WITH WISCONSIN

AMENDMENTS (SPS 365) 2009 WISCONSIN PLUMBING CODE - SPS 381-387

WISCONSIN STATE ELECTRICAL CODE - SPS 316

BUILDING USE AND OCCUPANCY CLASSIFICATION:

CONSTRUCTION TYPE: TYPE VB FULL BUILDING SPRINKLERED

WORK AREA: ALTERATION LEVEL 3

PROJECT WORK AREA = BASEMENT = 1.822 SF FIRST FLOOR = 1,858 SF SECOND FLOOR = 1,585 SF THIRD FLOOR = 1,500 SF

RATED CONSTRUCTION: PRIMARY STRUCTURAL FRAME: 0 BEARING WALLS: 0 FLOOR CONSTRUCTION: 0 **ROOF CONSTRUCTION: 0**

OCCUPANT LOAD: RESIDENTIAL = 200 GSF PER OCCUPANT BASEMENT S OCCUPANCY = 0 OCCUPANTS FIRST FLOOR R2 OCCUPANCY = 10 OCCUPANTS SECOND FLOOR R2 OCCUPANCY = 8 OCCUPANTS THIRD FLOOR R2 OCCUPANCY = 8 OCCUPANTS

TOTAL: 26 OCCUPANTS

HORIZONTAL SEPARATION BETWEEN R OCCUPANCIES: 1 HOUR (TABLE 508.4 & 711.2.4)

SECTION 420.2 - SEPARATION WALLS WALLS SEPARATING DWELLING UNITS IN THE SAME BUILDING, WALLS SEPARATING SLEEPING UNITS IN THE SAME BUILDING AND WALLS SEPARATING DWELLING OR SLEEPING UNITS FROM OTHER OCCUPANCIES CONTIGUOUS TO THEM IN THE SAME BUILDING SHALL BE CONSTRUCTED AS FIRE PARTITIONS IN ACCORDANCE WITH SECTION 708. FIRE PARTITIONS SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN 1 HOUR (420.2; 708.3)

SECTION 420.3 - HORIZONTAL SEPARATION FLOOR ASSEMBLIES SEPARATING DWELLING UNITS IN THE SAME BUILDINGS, FLOOR ASSEMBLIES SEPARATING SLEEPING UNITS IN THE SAME BUILDING AND FLOOR ASSEMBLIES SEPARATING DWELLING OR SLEEPING UNITS FROM OTHER OCCUPANCIES CONTIGUOUS TO THEM IN THE SAME BUILDING SHALL BE CONSTRUCTED AS HORIZONTAL ASSEMBLIES IN ACCORDANCE WITH SECTION 711.

TION 420.5 - AUTOMATIC SPRINKLER SYSTEM GROUP R OCCUPANCIES SHALL BE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.2.8.

MEANS OF EGRESS:

SECTION 1006.2.1 - EXCEPTION 1 IN GROUP R-2 OCCUPANCIES, ONE MEANS OF EGRESS IS PERMITTED WITHIN AND FROM INDIVIDUAL DWELLING UNITS WITH A MAXIMUM OCCUPANT LOAD OF 20 WHERE THE DWELLING UNIT IS EQUIPPED THROUGH-OUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2 AND THE COMMON PATH OF EGRESS TRAVEL DOES NOT EXCEED 125 FEET (38 100 MM).

<u>SECTION 1006.3.2</u> - A SINGLE EXIT OR ACCESS TO A SINGLE EXIT SHALL BE PERMITTED FROM ANY STORY OR OCCUPIED ROOF WHERE ONE OF THE FOLLOWING CONDITIONS EXIST: 1) THE OCCUPANT LOAD, NUMBER OF DWELLING UNITS AND THE COMMON PATH OF EGRESS TRAVEL DISTANCE DOES NOT EXCEED THE VALUES IN TABLE 1006.3.2(1) (4 DWELLING UNITS; 125 FEET)

<u>SECTION 1017.2</u> - EXIT ACCESS TRAVEL DISTANCE OCCUPANCY R2 = 250 FT W/ SPRINKLER

SOUND TRANSMISSION:

SECTION 1207.2 - AIR-BORNE SOUND. WALLS, PARTITIONS AND FLOOR/CEILING ASSEMBLIES SEPARATING DWELLING UNITS AND SLEEPING UNITS FROM EACH OTHER OR FROM PUBLIC OR SERVICE AREAS SHALL HAVE A SOUND TRANSMISSION CLASS OF NOT LESS THAN 50, OR NOT LESS THAN 45 IF FIELD TESTED, FOR AIR-BORNE NOISE WHEN TESTED IN ACCORDANCE WITH ASTM E90. PENETRATIONS OR OPENINGS IN CONSTRUCTION ASSEMBLIES FOR PIPING; ELECTRICAL DEVICES; RECESSED CABINETS; BATHTUBS; SOFFITS; OR HEATING, VENTILATING OR EXHAUST DUCTS SHALL BE SEALED, LINED, INSULATED OR OTHERWISE TREATED TO MAINTAIN THE REQUIRED RATINGS. THIS REQUIREMENT SHALL NOT APPLY TO ENTRANCE DOORS; HOWEVER, SUCH DOORS SHALL BE TIGHT FITTING TO THE FRAME AND SILL.

<u>SECTION 1207.3</u> - STRUCTURE-BORNE SOUND. FLOOR/CEILING ASSEMBLIES BETWEEN DWELLING UNITS AND SLEEPING UNITS OR BETWEEN A DWELLING UNIT OR SLEEPING UNIT AND A PUBLIC OR SERVICE AREA WITHIN THE STRUCTURE SHALL HAVE AN IMPACT INSULATION CLASS RATING OF NOT LESS THAN 50, OR NOT LESS THAN 45 IF FIELD TESTED, WHEN TESTED IN ACCORDANCE WITH ASTM E492.

ACCESSIBILITY

1107.7.5.

SECTION 1107.7 - GENERAL EXCEPTIONS. WHERE SPECIFICALLY PERMITTED BY SECTION 1107.5 OR 1107.6, THE REQUIRED NUMBER OF TYPE A UNITS AND TYPE B UNITS IS PERMITTED TO BE REDUCED IN ACCORDANCE WITH SECTIONS 1107.7.1 THROUGH

SECTION 1107.7.1 STRUCTURES WITHOUT ELEVATOR

WHERE NO ELEVATOR SERVICE IS PROVIDED IN A STRUCTURE, ONLY THE DWELLING UNITS AND SLEEPING UNITS THAT ARE LOCATED ON STORIES INDICATED IN SECTIONS 1107.7.1.1 AND 1107.7.1.2 ARE REQUIRED TO BE TYPE A UNITS AND TYPE B UNITS. RESPECTIVELY. THE NUMBER OF TYPE A UNITS SHALL BE DETERMINED IN ACCORDANCE WITH SECTION 1107.6.2.2.1.

A FACILITY THAT IS ALTERED SHALL COMPLY WITH THE APPLICABLE PROVISIONS IN SECTIONS 705.1.1 THROUGH 705.1.14 AND CHAPTER 11 OF THE IBC UNLESS IT IS TECHNICALLY INFEASIBLE. WHERE COMPLIANCE WITH THIS SECTION IS TECHNICALLY INFEASIBLE, THE ALTERATION SHALL PROVIDE ACCESS TO THE MAXIMUM EXTENT THAT IS TECHNICALLY FEASIBLE.

<u>IEBC SECTION 410.9 - HISTORIC BUILDINGS</u> THESE PROVISIONS SHALL APPLY TO FACILITIES

DESIGNATED AS HISTORIC STRUCTURES THAT UNDERGO ALTERATIONS, UNLESS TECHNICALLY INFEASIBLE. WHERE COMPLIANCE WITH THE REQUIREMENTS FOR ACCESSIBLE ROUTES, ENTRANCES, OR TOILET ROOMS WOULD THREATEN OR DESTROY THE HISTORIC SIGNIFICANCE OF THE FACILITY, AS DETERMINED BY THE APPLICABLE GOVERNING AUTHORITY. THE ALTERNATIVE REQUIREMENTS OF SECTIONS 410.9.1-410.9.4 SHALL BE PERMITTED.

EXCEPTION: TYPE B DWELLING OR SLEEPING UNITS REQUIRED BY SECTION 1107 IBC ARE NOT REQUIRED TO BE PROVIDED IN HISTORICAL BUILDINGS.

THE HISTORIC CHARACTER OF THE BUILDING MAY BE ADVERSELY AFFECTED IF AN ACCESSIBLE RAMP IS ADDED TO THE MAIN ENTRY.

SITE RESTRICTIONS MAKE ADDING AN ACCESSIBLE RAMP AT THE REAR OF THE BUILDING THAT PROVIDES AN ACCESSIBLE ROUTE FROM GRADE TO THE FIRST FLOOR LEVEL (32" HEIGHT CHANGE, REQUIRING 32 FEET OF RAMP LENGTH PLUS LANDINGS) OF THE BUILDING TECHNICALLY INFEASIBLE.

SINCE ADDING AN ACCESSIBLE ROUTE OR ELEVATOR TO ACCESS DWELLING UINTS ON THE FIRST FLOOR OR UPPER FLOORS OF THE BUILDING IS TECHNICALLY INFEASIBLE, DWELLING UNITS ARE NOT REQUIRED TO MEET TYPE A/TYPE B ACCESSIBILITY CRITERIA.



Suite 400

433 W. Washington Ave. (608) 204-7464 AroEberle.com Madison, WI 53703

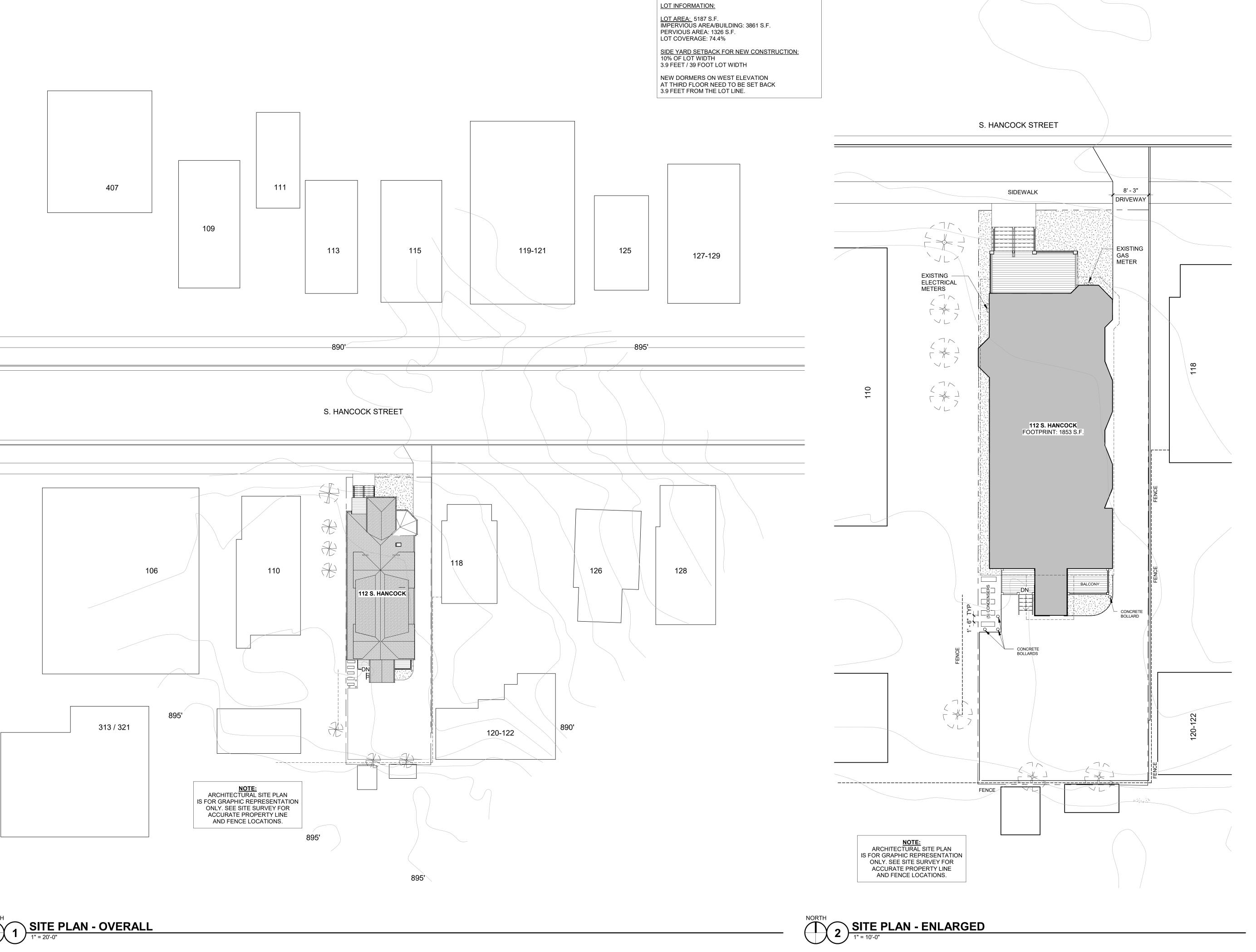
Description

112 South Hancock Street

Madison, WI 53703

CODE ANALYSIS AND CODE PLANS

CONSTRUCTION DOCUMENTS THA-22-01 Project number 06/08/2023





433 W. Washington Ave. (608) 204-7464 Suite 400 Madison, WI 53703

AroEberle.com

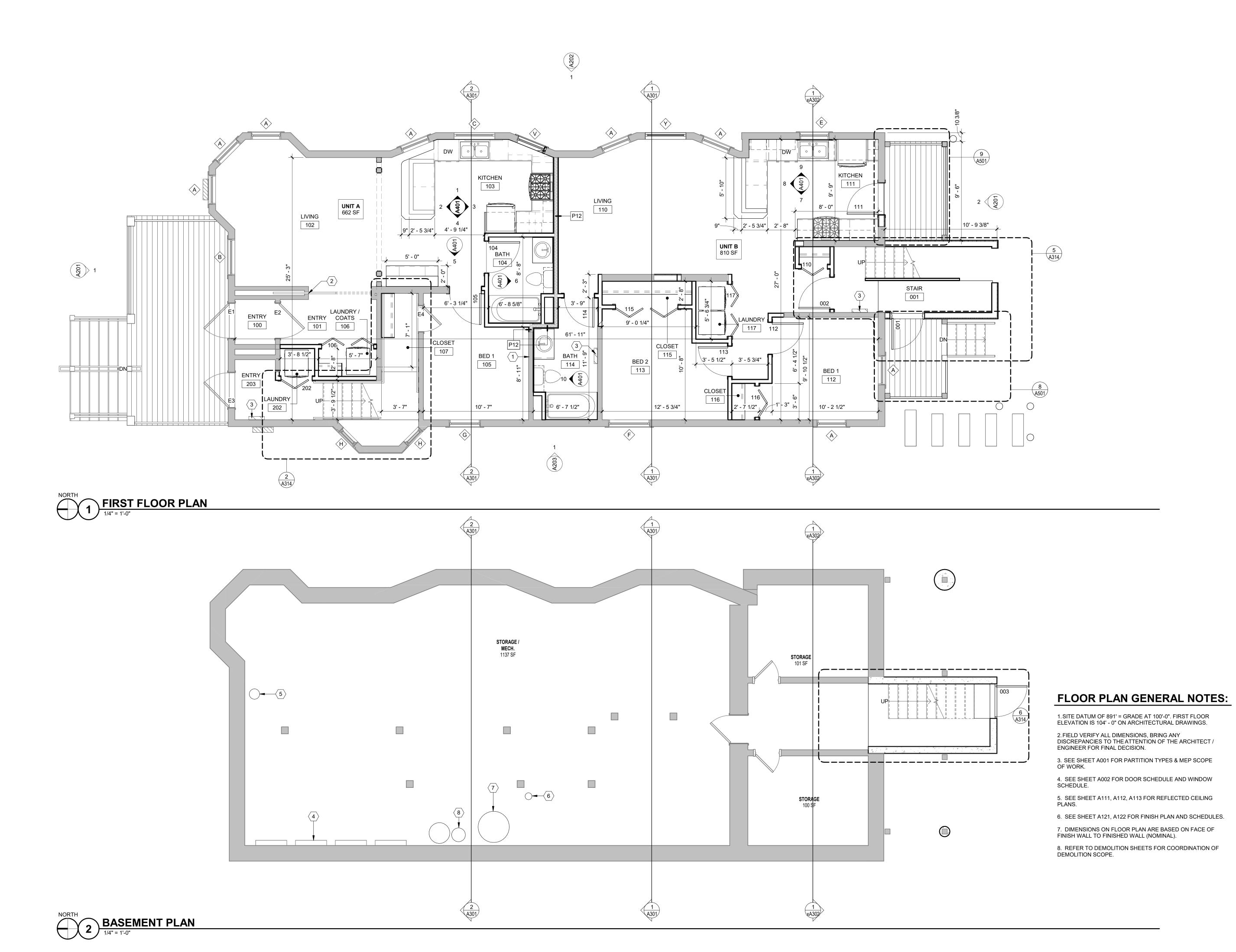
Description

112 South Hancock Street

Madison, WI 53703

ARCHITECTURAL SITE PLAN

CONSTRUCTION DOCUMENTS THA-22-01 Project number 06/08/2023





433 W. Washington Ave. (608) 204-7464 Suite 400 AroEberle.com Madison, WI 53703

KEYED NOTES

- 1 1-HOUR FIRE RESISTANCE RATING REQUIRED BETWEEN UNITS; REMOVE EXISTING PLASTER AND WOOD LATH TO EXPOSE STUDS AND RECONSTRUCT PARTITION TO MATCH PARTITION
- 2 EXISTING POCKET DOOR AND TRIM TO REMAIN 3 ELECTRIC WALL HEATER (1KW) WITH INTERNAL THERMOSTAT
- 4 ELECTRICAL PANELS
- 5 WATER METER 6 SANITARY STACK
- 7 EXISTING HOT WATER HEATER
 8 WATER SOFTENER

Description

112 South Hancock Street

Madison, WI 53703

BASEMENT & FIRST FLOOR PLAN

CONSTRUCTION DOCUMENTS

THA-22-01 Project number 06/08/2023

FLOOR PLAN GENERAL NOTES:

1. SITE DATUM OF 891' = GRADE AT 100'-0". FIRST FLOOR ELEVATION IS 104' - 0" ON ARCHITECTURAL DRAWINGS.

2. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT / ENGINEER FOR FINAL DECISION.

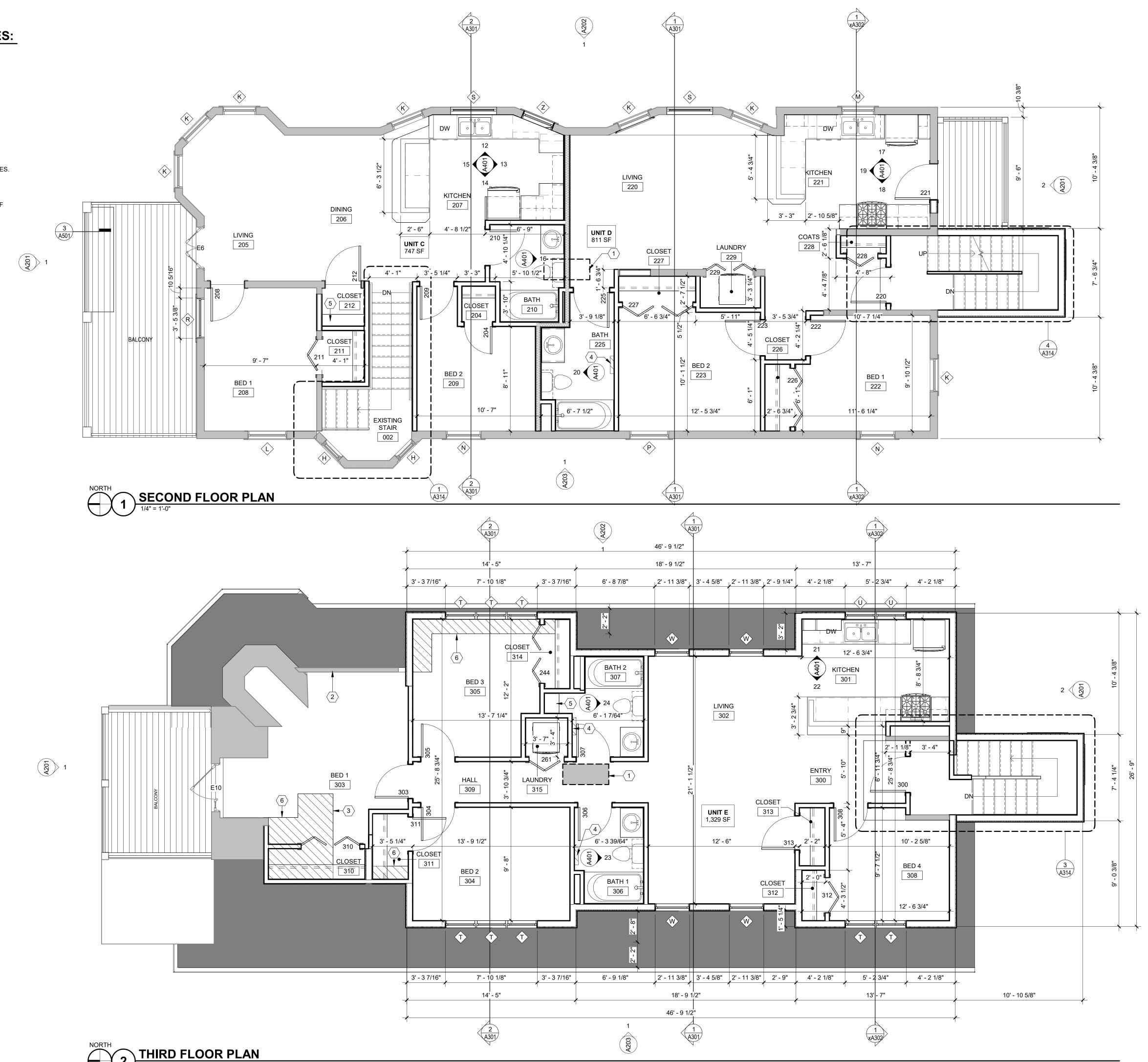
3. SEE SHEET A001 FOR PARTITION TYPES & MEP SCOPE OF WORK.

4. SEE SHEET A002 FOR DOOR SCHEDULE AND WINDOW SCHEDULE.

5. SEE SHEET A111, A112, A113 FOR REFLECTED CEILING PLANS.

6. SEE SHEET A121, A122 FOR FINISH PLAN AND SCHEDULES.7. DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISH WALL TO FINISHED WALL (NOMINAL).

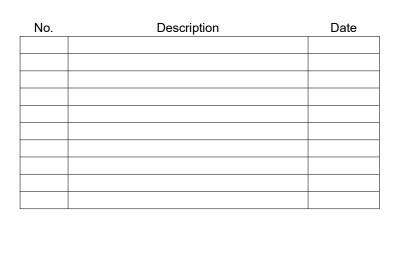
8. REFER TO DEMOLITION SHEETS FOR COORDINATION OF DEMOLITION SCOPE.





433 W. Washington Ave. (608) 204–7464
Suite 400 AroEberle.com
Madison, WI 53703

KEYEI	EYED NOTES (#)				
1	INFILL FLOOR AT CHIMNEY				
2	EXISTING SKYLIGHT TO REMAIN				
3	INFILL FLOOR AT STAIR				
4	ELECTRIC WALL HEATER (1KW) WITH INTERNAL THERMOSTAT				
5	SHELF				
6	HATCH INDICATES NEW FLOOR AREA				



112 South Hancock Street

Madison, WI 53703

SECOND & THIRD FLOOR PLAN

CONSTRUCTION DOCUMENTS
Project number THA-22-01

06/08/2023

FLOOR PLAN GENERAL NOTES:

1. SITE DATUM OF 891' = GRADE AT 100'-0". FIRST FLOOR ELEVATION IS 104' - 0" ON ARCHITECTURAL DRAWINGS.

2. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT / ENGINEER FOR FINAL DECISION.

3. SEE SHEET A001 FOR PARTITION TYPES & MEP SCOPE

4. SEE SHEET A002 FOR DOOR SCHEDULE AND WINDOW SCHEDULE.

5. SEE SHEET A111, A112, A113 FOR REFLECTED CEILING PLANS.

6. SEE SHEET A121, A122 FOR FINISH PLAN AND SCHEDULES.7. DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISH WALL TO FINISHED WALL (NOMINAL).

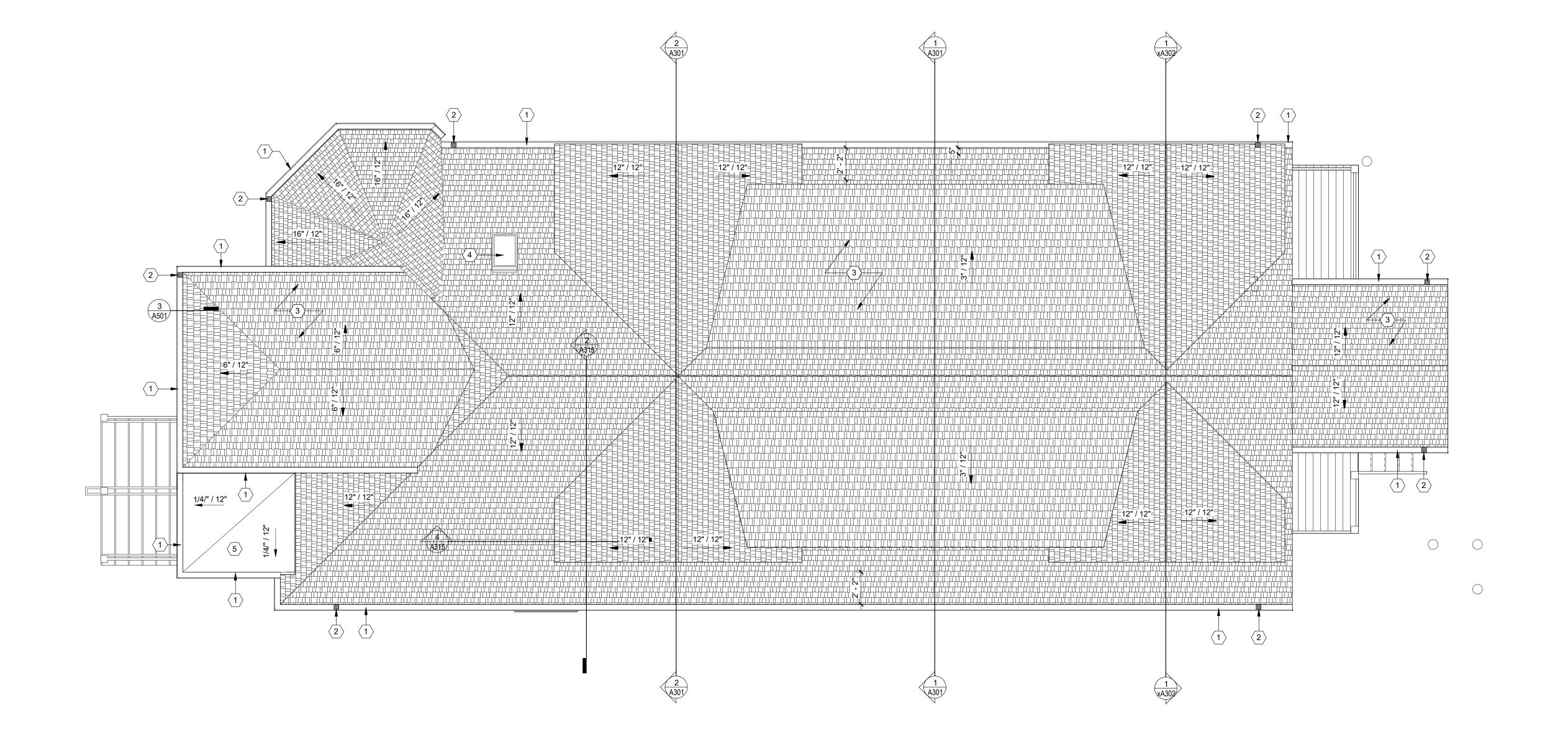
8. REFER TO DEMOLITION SHEETS FOR COORDINATION OF DEMOLITION SCOPE.

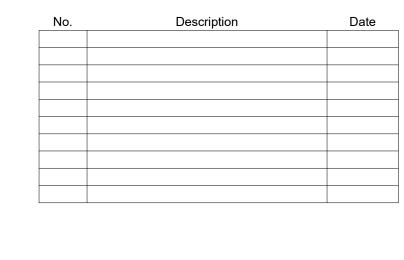


433 W. Washington Ave. (608) 204–7464
Suite 400 AroEberle.com
Madison, WI 53703

KEYED NOTES

- 1 NEW ALUMINUM GUTTER
 2 NEW ALUMINUM DOWNSP
- NEW ALUMINUM DOWNSPOUT, DRAIN TO GRADE
- 3 NEW ASPHALT SHINGLES
 4 EXISTING SKYLIGHT TO REMAIN
- 5 EPDM ROOF, SLOPE 1/4" PER FOOT





112 South Hancock Street

Madison, WI 53703

ROOF PLAN

CONSTRUCTION DOCUMENTS

Project number

Date

THA-22-01 06/08/2023



433 W. Washington Ave. (608) 204–7464
Suite 400 AroEberle.com
Madison, WI 53703

KEYED NOTES (#)

NEW HORIZONTAL FIBER CEMENT BOARD LAP SIDING & TRIM; BASIS
 OF DESIGN: JAMES HARDIE PLANK LAP SIDING, SMOOTH FINISH,
 COLOR TBD

2 NEW ASPHALT SHINGLES3 NEW ALUMINUM GUTTERS

4 NEW EXTERIOR WALL MOUNTED DOWNLIGHT LIGHT FIXTURE, SEE LIGHT FIXTURE SCHEDULE

5 NEW WOOD WINDOW; BASIS OF DESIGN: MARVIN ULTIMATE; SEE WINDOW SCHEDULE

6 NEW DOOR, SEE DOOR SCHEDULE

 NEW WOOD RAILING
 NEW BALCONY, 5/4X6 TREATED HARDWOOD OR COMPOSITE DECK BOARDS OVER 2X10 WOOD FRAMING AT 16" O.C.

9 WOOD COLUMN

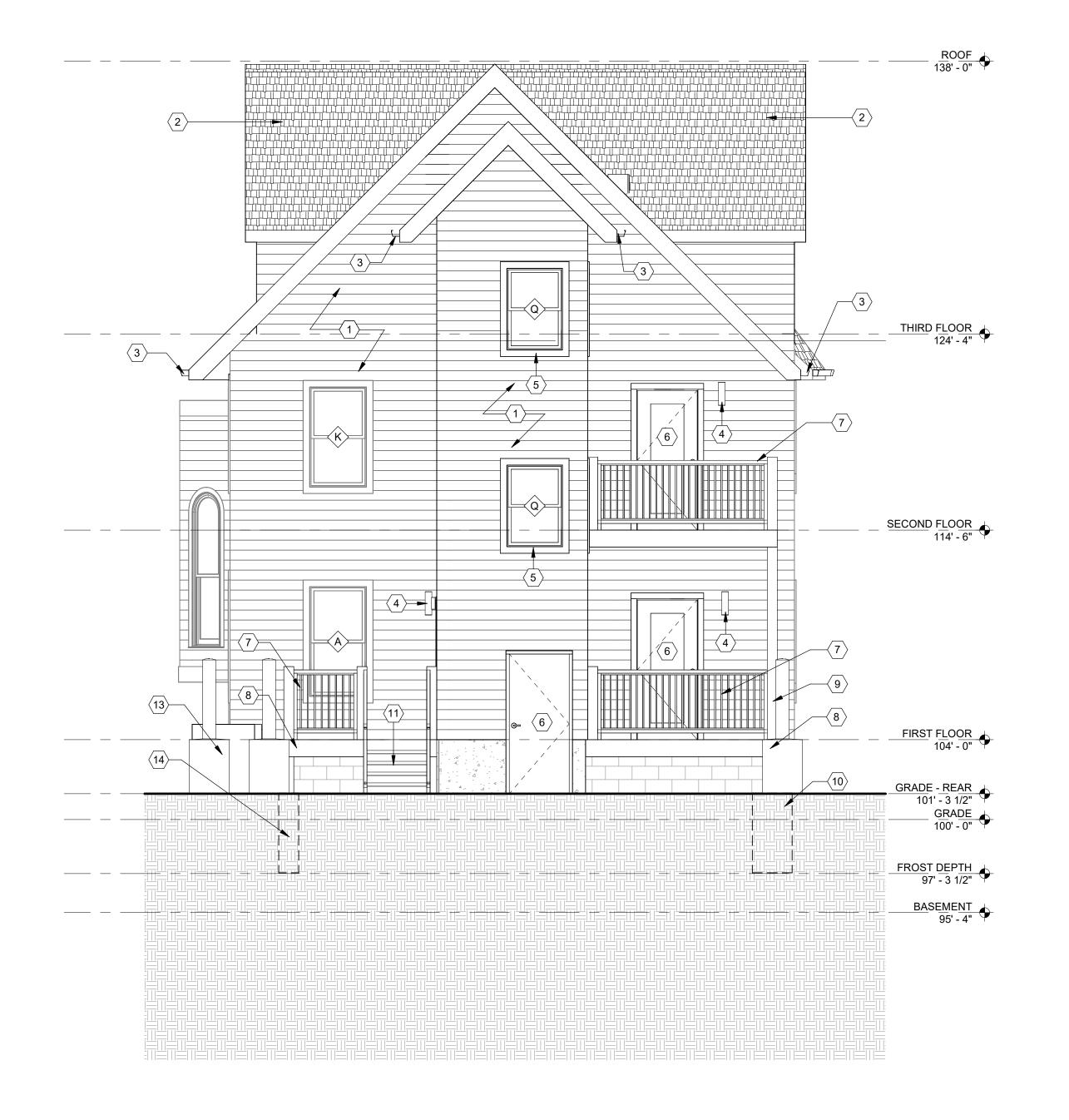
10 24" DIAMETER CONCRETE SONOTUBE11 NEW WOOD STAIR, STRINGER, AND RAILING

12 WOOD PANELED GUARDRAIL, SEE DETAIL ON A501

13 MECHANICAL EQUIPMENT

14 12" DIAMETER CONCRETE SONOTUBE

15 NEW ALUMINUM DOWNSPOUT, DRAIN TO GRADE



1 NORTH ELEVATION

1/4" = 1'-0"

___ _ _ _ _ _ _ _ _ _ _ _ _ _

2 SOUTH ELEVATION

1/4" = 1'-0"

THIRD FLOOR 124' - 4"

SECOND FLOOR 114' - 6"

BASEMENT 95' - 4"

No.	Description	Date

112 South Hancock Street

Madison, WI 53703

EXTERIOR ELEVATIONS

CONSTRUCTION DOCUMENTS
Project number

 Project number
 THA-22-01

 Date
 06/08/2023



Suite 400 Madison, WI 53703

KEYED NOTES #

433 W. Washington Ave. (608) 204-7464 AroEberle.com



CONSTRUCTION DOCUMENTS

THA-22-01 Project number 06/08/2023



433 W. Washington Ave. Suite 400 Madison, WI 53703

e. (608) 204-7464 AroEberle.com

KEYED NOTES

- NEW HORIZONTAL FIBER CEMENT BOARD LAP SIDING & TRIM; BASIS OF DESIGN: JAMES HARDIE PLANK LAP SIDING, SMOOTH FINISH, COLOR TBD
- 2 NEW ASPHALT SHINGLES
 3 NEW EXTERIOR WALL MOUNTED DOWNLIGHT LIGHT FIXTURE, SEE LIGHT FIXTURE SCHEDULE
- 4 NEW ALUMINUM GUTTERS
- WOOD LATTICE
 WOOD PANELED GUARDRAIL, SEE DETAIL ON A501
- 7 NEW DOOR, SEE DOOR SCHEDULE
- 8 NEW WOOD RAILING
 9 NEW WOOD STAIR
- 10 NEW BALCONY, 5/4X6 TREATED HARDWOOD OR COMPOSITE DECK BOARDS OVER 2X10 WOOD FRAMING AT 16" O.C.
- 11 NEW WOOD WINDOW; BASIS OF DESIGN: MARVIN ULTIMATE; SEE WINDOW SCHEDULE
- 12 12" DIAMETER CONCRETE SONOTUBE
- 13 NEW ALUMINUM DOWNSPOUT, DRAIN TO GRADE



No. Description Date

112 South Hancock Street

Madison, WI 53703

EXTERIOR ELEVATIONS

CONSTRUCTION DOCUMENTS

 Project number
 THA-22-01

 Date
 06/08/2023

A203

WEST ELEVATION

1/4" = 1'-0"

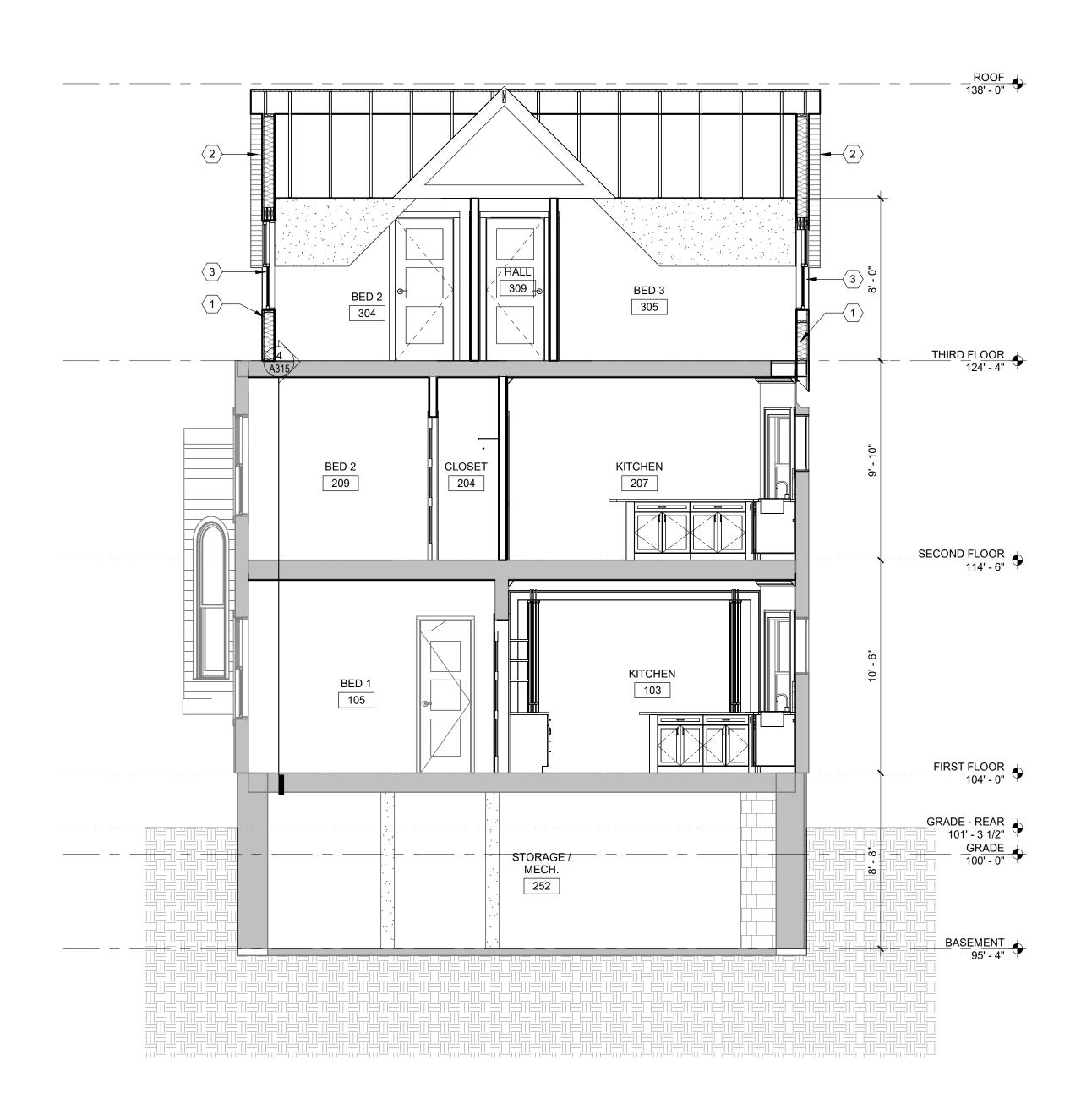


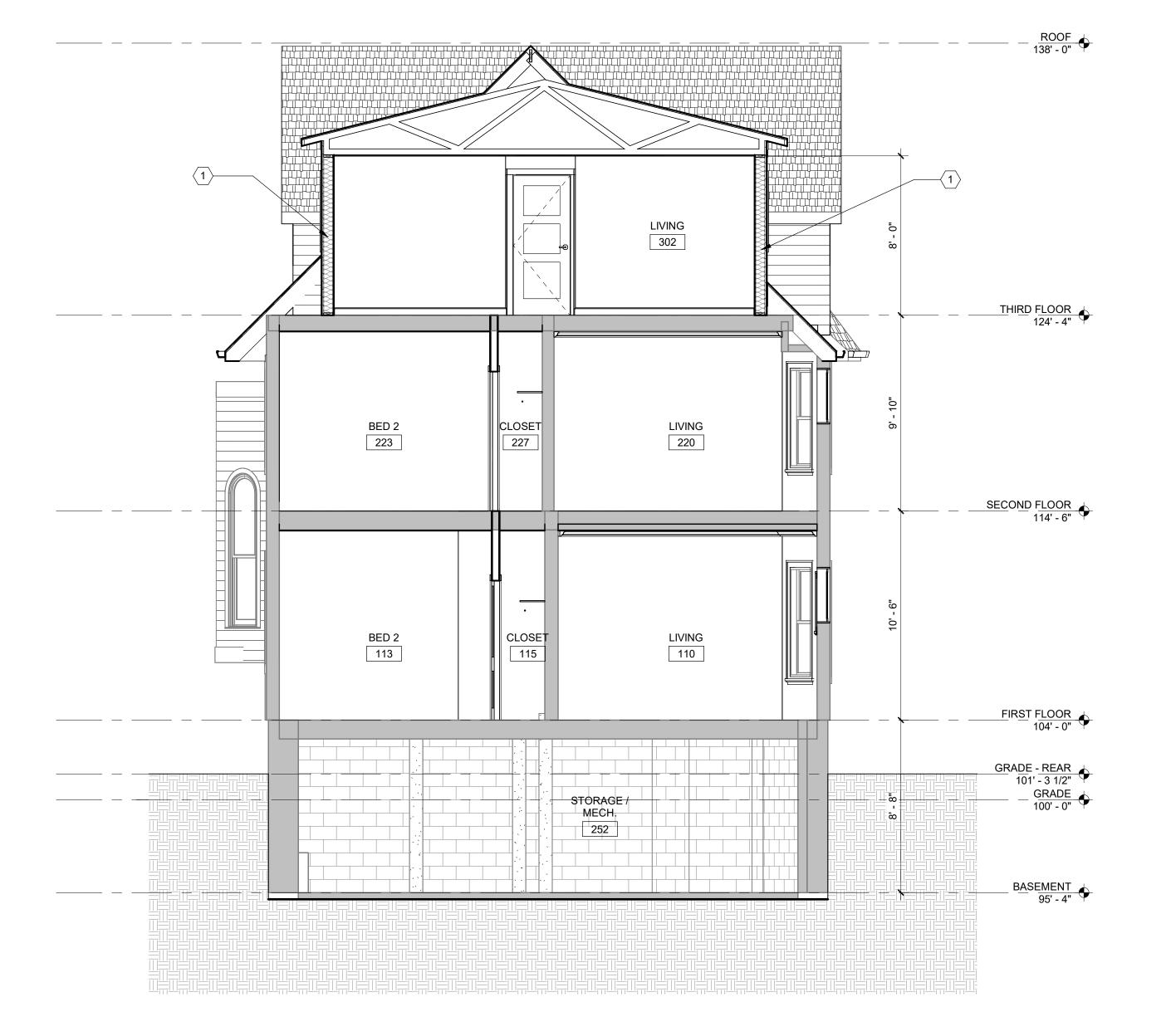
433 W. Washington Ave. (608) 204-7464 Suite 400

AroEberle.com Madison, WI 53703

KEYED NOTES (#)

- 1 NEW EXTERIOR WALL ASSEMBLY: 2X6 WOOD STUD WITH BATT INSULATION, 3/4" PLYWOOD SHEATHING, AIR/WEATHER BARRIER, HORIZONTAL FIBER CEMENT BOARD LAP SIDING
- 2 SOFFIT; BASIS OF DESIGN: JAMES HARDIE SOFFIT PANELS
- 3 NEW WOOD WINDOW; BASIS OF DESIGN: MARVIN ULTIMATE; SEE WINDOW SCHEDULE





112 South Hancock Street

Description

Madison, WI 53703

BUILDING SECTIONS

THA-22-01

06/08/2023

CONSTRUCTION DOCUMENTS Project number

A301

BUILDING SECTION AT GABLE DORMER LOOKING NORTH1/4" = 1'-0"

BUILDING SECTION AT SHED DORMER

1/4" = 1'-0"