

Construction Drawings For 2ND & 3RD FLOOR - APARTMENTS

408 - 410 MLK JR. SAVANNAH, GA 31401

GENERAL PROJECT NOTES

INFORMATION CONTAINED ON THESE DRAWINGS IS PROVIDED FOR THE CONVENIENCE OF THE GENERAL CONTRACTOR IN EXECUTING THE WORK. EVERY ATTEMPT HAS BEEN MADE TO PROVIDE COMPLETE AND ACCURATE REPRESENTATIONS OF ALL CONDITIONS.

FOR DIMENSIONS NOT SHOWN OR IN QUESTION, THE CONTRACTOR SHALL REQUEST CLARIFICATION FROM THE ARCHITECT BEFORE PROCEEDING.

CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.

THE CONTRACTOR SHALL MAINTAIN AT THE SITE OF THE WORK, A SET OF RECORD DRAWINGS. THE CONTRACTOR SHALL RECORD ALL CHANGES AND DEVIATIONS FROM THE DRAWINGS ON THIS "AS-BUILT" SET, WHICH SHALL BE UPDATED AT LEAST EVERY OTHER WEEK. AT THE CLOSE OF THE JOB, THE CONTRACTOR SHALL PROVIDE ONE COMPLETE SET OF ALL "AS-BUILT" INFORMATION TO THE ARCHITECT IN CLEAR AND LEGIBLE FORMAT.

CODE REFERENCE:

- JURISDICTION:** Edit in Properties
GENERAL: (NOTE: ALL CODES TO INCLUDE CURRENT GEORGIA AMENDMENTS)
- A. ALL CONSTRUCTION, ALTERATIONS, MOVEMENT, ENLARGEMENT, REPLACEMENT, AND REPAIR SHALL COMPLY WITH ALL CURRENT EDITIONS AND REVISIONS OF THE 2012 INTERNATIONAL BUILDING CODE (IBC) AND ALL LOCAL CODES.
- B. ALL INSTALLATIONS OF ELECTRICAL SYSTEMS SHALL COMPLY WITH THE 2017 NATIONAL ELECTRICAL CODE (NFPA 70), INCLUDING ALTERATIONS, REPAIRS, REPLACEMENT, EQUIPMENT, APPLIANCES, FIXTURES AND FITTINGS.
- C. ALL INSTALLATIONS OF GAS SYSTEMS SHALL COMPLY WITH THE 2012 INTERNATIONAL FUEL GAS CODE, INCLUDING GAS PIPING FROM POINT OF DELIVERY AND GAS APPLIANCES.
- D. ALL INSTALLATIONS OF MECHANICAL SYSTEMS SHALL COMPLY WITH THE 2012 INTERNATIONAL MECHANICAL CODE & 2007 ASHRAE, INCLUDING ALTERATIONS, REPAIRS, REPLACEMENT OF MECHANICAL SYSTEMS.
- E. ALL INSTALLATIONS OF PLUMBING SYSTEMS SHALL COMPLY WITH THE 2012 INTERNATIONAL PLUMBING CODE, INCLUDING ALTERATIONS, REPAIRS, REPLACEMENT, EQUIPMENT, APPLIANCES, FIXTURES AND FITTINGS.
- F. ALL CONSTRUCTION, ALTERATIONS, MOVEMENT, ENLARGEMENT, REPLACEMENT, AND REPAIR SHALL COMPLY WITH ALL CURRENT EDITIONS AND REVISIONS OF THE 2012 INTERNATIONAL FIRE CODE INCLUDING ALL FIRE CODES ADOPTED BY THE STATE OF GEORGIA AS PER OCGA 120-3-3.
- G. ALL CONSTRUCTION, ALTERATIONS, MOVEMENT, ENLARGEMENT, REPLACEMENT, AND REPAIR SHALL COMPLY WITH THE 1997 GEORGIA ACCESSIBILITY STANDARDS, THE 2012 LIFE SAFETY CODE (NFPA 101), THE AMERICAN NATIONAL STANDARD FOR PHYSICALLY HANDICAPPED PEOPLE (ANSI A117.1) AND THE 2010 AMERICANS WITH DISABILITIES ACT (ADA).
- H. ALL DESIGN AND MATERIALS SHALL COMPLY WITH THE 2009 INTERNATIONAL ENERGY CONSERVATION CODE.

SITE DATA:

PROJECT AREA:	0.86 ACRES	PROJECT CITY:	SAVANNAH, GEORGIA
AREA OF DISTURBANCE	6,820 SF	DISTRICT NUMBER:	N/A
ZONING:	R-1 CONDITIONAL USE	LOT NUMBER:	N/A
P.I.N.:	2-0031-36-007	DATE OF SURVEY:	11-17-2017
PROJECT ADDRESS:	408 - 410 MLK JR. SAVANNAH, GA 31401	GOVERNING AGENCY:	CITY OF SAVANNAH

VICINITY MAP:



AREA INCREASE CALCULATIONS

N/A

BUILDING CLASSIFICATION INFORMATION:

OCCUPANCY TYPE		DESCRIPTION	CONSTRUCTION TYPE		SPRINKLER	AREA [IBC TABLE 503]			HEIGHT		STORIES	
IBC	NFPA		IBC	NFPA		LOCATION	ALLOWABLE	ACTUAL	ALLOWABLE	ACTUAL	ALLOWABLE	ACTUAL
BUSINESS (B)	BUSINESS	EXISTING BUSINESS	III-B	III-000	YES	FIRST FLOOR	48,000 SqFt	3,410 SqFt	60'-0"	43'-11 1/2"	4	4
RESIDENTIAL (R)	RESIDENTIAL	MULTI-FAMILY RESIDENTIAL APARTMENT UNITS ABOVE COMMERCIAL	III-B	III-000	YES	SECOND FLOOR	48,000 SqFt	3,410 SqFt	60'-0"	43'-11 1/2"	4	4
RESIDENTIAL (R)	RESIDENTIAL	MULTI-FAMILY RESIDENTIAL APARTMENT UNITS ABOVE COMMERCIAL	III-B	III-000	YES	THIRD FLOOR	48,000 SqFt	3,410 SqFt	60'-0"	43'-11 1/2"	4	4

OWNER INFORMATION:

NAME:	TRAVIS SAWYER	PHONE:	912-233-8300
ADDRESS:	408-410 MLK JR. BLVD, SAVANNAH, GA 31401	FAX:	N/A

OCCUPANT LOAD REQUIREMENTS:

FIRST FLOOR (BUSINESS (B)) -	N/A EXISTING		
SECOND FLOOR - (RESIDENTIAL)	3,410 SqFt/200 PERSONS	=	17 PERSONS
THIRD FLOOR (RESIDENTIAL) -	3,410 SqFt/200 PERSONS	=	17 PERSONS
TOTAL			34 PERSONS
ONE EXITS REQUIRED, 1 EXITS PROVIDED			

WINDOW REQUIRMENTS:

- ☐ IMPACT-RESISTANT GLASS AND/OR PANELS ARE NOT REQUIRED FOR THIS STRUCTURE BECAUSE
- ☐ THIS BUILDING IS NOT LOCATED IN A WIND BORNE DEBRIS REGION.
- ☐ THIS BUILDING IS DESIGNED FOR INTERNAL AIR PRESSURE.
- ☐ IMPACT RESISTANT GLASS AND/OR PANELS ARE REQUIRED FOR THIS STRUCTURE AND ARE PROVIDED BY:
- ☐ IMPACT RESISTANT GLASS PER ASTM E 1996 & ASTM E 1886 (LARGE MISSILE TEST BELOW 30 FT OR SMALL MISSILE TEST ABOVE 30 FT)
- ☐ PLYWOOD [ONE PER OPENING]
- ☐ ARMOR SCREEN.
- ☐ OTHER.
- ☒ DOES NOT APPLY.

SUSPENDED CEILING AND MECH./ELECTRICAL COMPONENT REQUIRMENTS:

- SUSPENDED CEILINGS MUST BE DESIGNED FOR:
- ☐ SEISMIC DESIGN CATAGOTY A & B (NO SPECIAL SEISMIS SUPPORT REQUIRED);
- ☒ SEISMIC DESIGN CATEGORY C:
- ☐ SEISMIC DESIGN CATEGORY D, E &F:
- ☐ DOES NOT APPLY:

SPECIAL INSPECTION REQUIRMENTS (IBC CHAPTER 17):

- ☒ SPECIAL INSPECTIONS ARE NOT REQUIRED FOR THIS PROJECT.
- ☐ SPECIAL INSPECTIONS ARE REQUIRED FOR THIS PROJECT. THE STATEMENT OF SPECIAL INSPECTIONS FOR WIND AND SEISMIC RESISTANCE AND THE SCHEDULE OF SPECIAL INSPECTIONS ARE INCLUDED WITH THE PERMIT PACKAGE. SPECIAL INSPECTION REPORTS AND A FINAL REPORT IN ACCORDANCE WITH SECTION 1704.2.4 SHALL BE SUBMITTED TO THE BUILDING OFFICIAL PRIOR TO THE TIME THAT PHASE OF THE WORK IS APPROVED FOR OCCUPANCY.

INDEX OF DRAWINGS

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A0.0	COVER SHEET	08/01/19	TDO
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VI	TOPOGRAPHIC SURVEY		
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LS2.0	SECOND FLOOR LIFE SAFETY		
LS3.0	THIRD FLOOR LIFE SAFETY		
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D1.1	EXISTING/ DEMOLITION FLOOR PLANS		
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A1.3	SECOND FLOOR F.F.E.- TAG PLAN		
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A1.5	THIRD FLOOR TAG F.F.E.- TAG PLAN		
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A1.7	SECOND & THIRD FLOOR REFLECTED CEILING		
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A3.0	BUILDING SECTIONS		
A3.1	BUILDING SECTIONS		
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A6.2	ROOM FINISH SCHEDULES		
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STRUCTURAL			
S1.0	FLOOR FRAMING PLAN AND DETAILS		
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M3.0	ELEVATION DUCT DETAIL		
ELECTRICAL			
E1.0	SECOND & THIRD FLOOR POWER PLAN		
E2.0	ELECTRICAL RISER & DETAILS		

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☒ RELEASED FOR CONSTRUCTION
DATE: 08/01/2019 BY: TDO

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2ND & 3RD FLOOR - APARTMENTS

DRAWING TITLE:

COVER SHEET

PROJECT NO: 180302/000
DATE: 08/01/2019
DESIGN BY: TDO
DRAWN BY: RF
CHECKED BY: TDO

SHEET NO:

A0.0

STAMP:

STAMP:

NO. DATE REVISION

K Kern & Co., LLC.
Consulting Engineers • Land Surveyors • Land Planners
Architects • Landscape Architects • Environmental Scientist
7 Mall Court (31406) • P.O. Box 13179 • Savannah, Georgia 31416
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FILE: 30 May 2019 - 4:25pm - map.dwg
DRAWING PATH: C:\2019\180302.dwg\180302_Topo.dwg

- REFERENCES:
1. Historic Map Book 3, Page 247
 2. Map Book 1, Page 142
 3. Plat Record Book 3P, Page 188
 4. Subdivision Map Book 17S, Page 35
 5. Georgia State Highway Department Right of Way Plans Titled "Right of Way of Proposed, Macon-Savannah Interstate Road, Chatham County, Federal Aid Project, I-16-1(5)158"
 6. Lot and Block Atlas, Savannah, Georgia

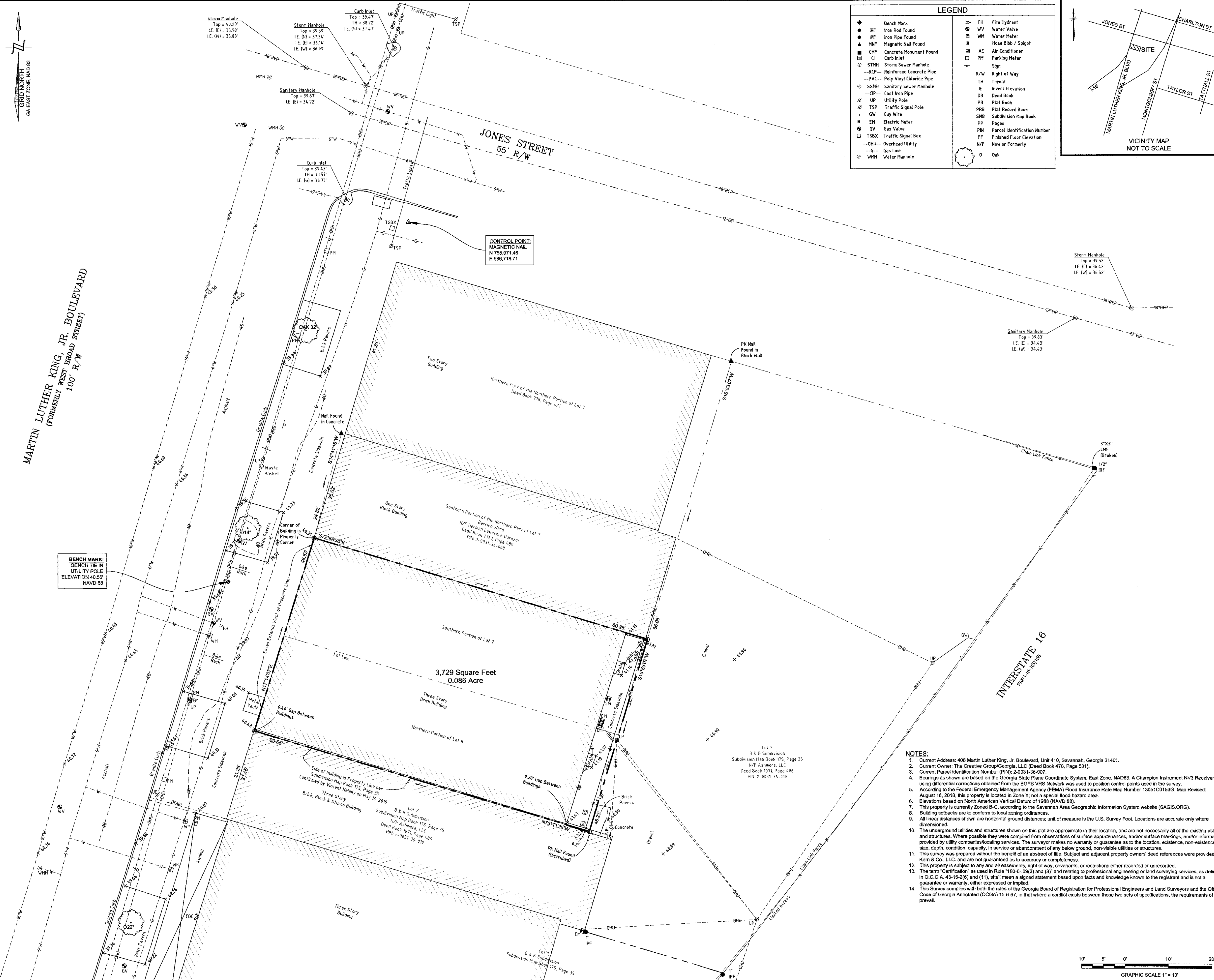
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PERMITTING PURPOSES ONLY!



- NOTES:
1. Current Address: 408 Martin Luther King, Jr. Boulevard, Unit 410, Savannah, Georgia 31401.
 2. Current Owner: The Creative Group/Georgia, LLC (Deed Book 470, Page 531).
 3. Current Parcel Identification Number (PIN): 2-0031-36-007.
 4. Bearings as shown are based on the Georgia State Plane Coordinate System, East Zone, NAD83. A Champion Instrument NV3 Receiver using differential corrections obtained from the EGPS VRS Network was used to position control points used in the survey.
 5. According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map Number 13051C0153G, Map Revised: August 16, 2018, this property is located in Zone X; not a special flood hazard area.
 6. Elevations based on North American Vertical Datum of 1988 (NAVD 88).
 7. This property is currently Zoned B-C, according to the Savannah Area Geographic Information System website (SAGIS.ORG).
 8. Building setbacks are to conform to local zoning ordinances.
 9. All linear distances shown are horizontal ground distances; unit of measure is the U.S. Survey Foot. Locations are accurate only where dimensioned.
 10. The underground utilities and structures shown on this plat are approximate in their location, and are not necessarily all of the existing utilities and structures. Where possible they were compiled from observations of surface appurtenances, and/or surface markings, and/or information provided by utility companies/localizing services. The surveyor makes no warranty or guarantee as to the location, existence, non-existence, size, depth, condition, capacity, in service or abandonment of any below ground, non-visible utilities or structures.
 11. This survey was prepared without the benefit of an abstract of title. Subject and adjacent property owners' deed references were provided by Kern & Co., LLC, and are not guaranteed as to accuracy or completeness.
 12. This property is subject to any and all easements, right of way, covenants, or restrictions either recorded or unrecorded.
 13. The term "Certification" as used in Rule 190-6-.09(2) and (3) and relating to professional engineering or land surveying services, as defined in O.C.G.A. 43-15-2(6) and (11), shall mean a signed statement based upon facts and knowledge known to the registrant and is not a guarantee or warranty, either expressed or implied.
 14. This Survey complies with both the rules of the Georgia Board of Registration for Professional Engineers and Land Surveyors and the Official Code of Georgia Annotated (OCGA) 15-6-67, in that where a conflict exists between those two sets of specifications, the requirements of law prevail.

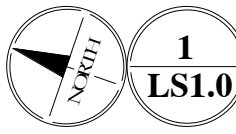
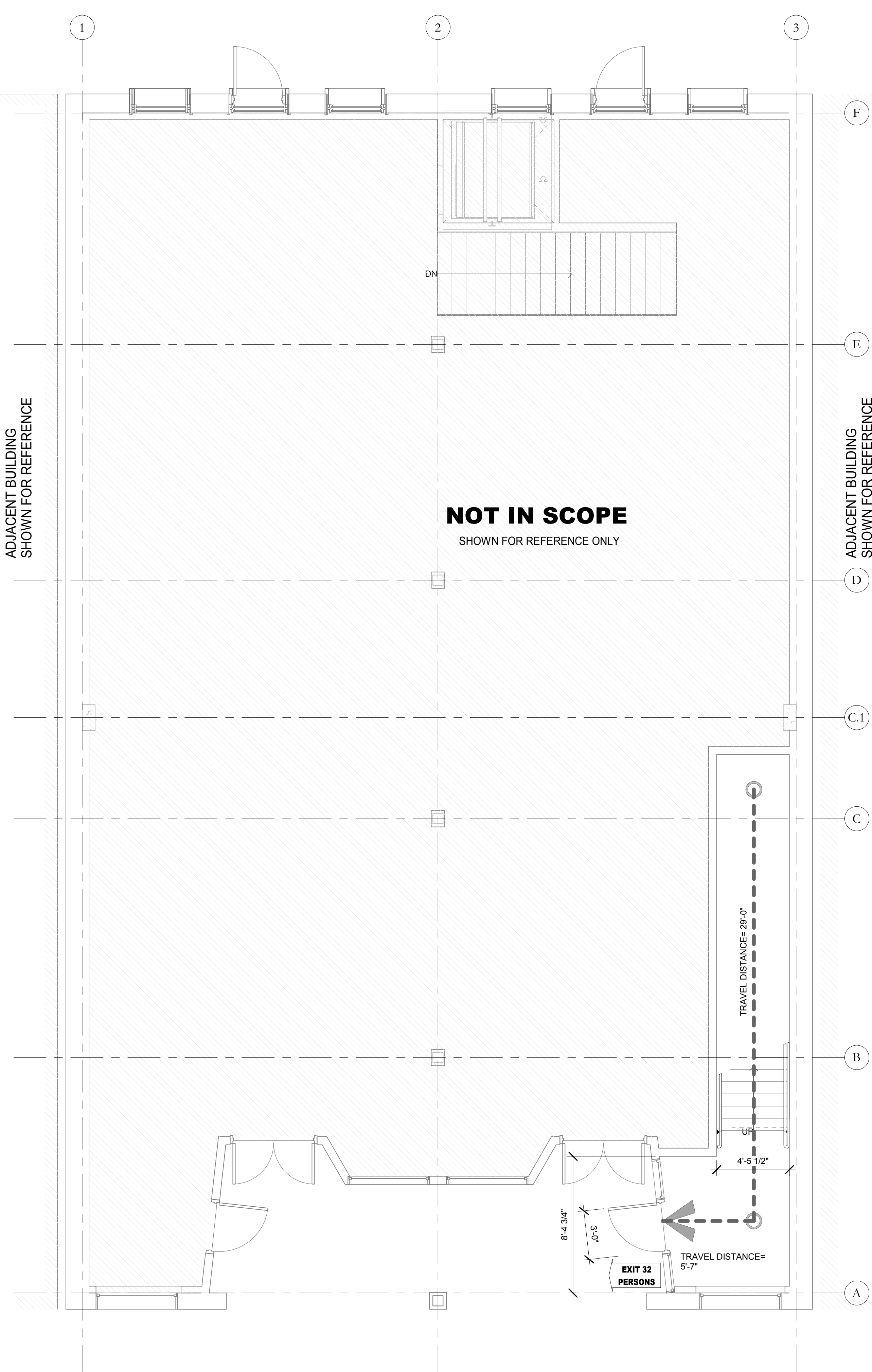
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SCALE: 1" = 10'
PROJECT NO: 180302
SURVEY DATE: 05/02/2019
DATE: 05/30/2019
DRAWN BY: ENW
CHECKED BY: JAH
NO DATE REVISION
1
2
SHEET NO:
V1

TOPOGRAPHIC SURVEY
SOUTHERN PORTION OF LOT 7 &
THE NORTHERN PORTION LOT 8,
BERRIEN WARD
1ST G.M. DISTRICT, CITY OF SAVANNAH, CHATHAM COUNTY, GEORGIA
Prepared For: Creative Approach

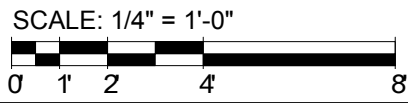
STAMP:
GEORGIA
REGISTERED
No. 2886
LAND SURVEYOR
JOSEPH A. HALE, JR.
THE SURVEYOR'S
CERTIFICATION EXTENDS
ONLY TO THE TOPOGRAPHIC
AND/OR GEOSPATIAL
ASPECTS SHOWN THEREON,
AND THAT THE
TOPOGRAPHIC SURVEY
DOES NOT CONSTITUTE A
BOUNDARY SURVEY AND IS
NOT TO BE RECORDED
OR USED TO CONVEY TITLE
OR INTEREST IN THE
PROPERTY.
DATE
5-30-2019
JOSEPH A. HALE, JR.
GEORGIA REGISTERED
LAND SURVEYOR NO. 2886
KERN & CO., LLC
CERTIFICATE OF
AUTHORIZATION LSF 781

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FIRST FLOOR LIFE SAFETY

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



LIFE SAFETY CODE: NEW APARTMENT BUILDING

SECTION	IBC 2012 - CHAPTER
310.4	CHAPTER 3- USE AND OCCUPANCY CLASSIFICATION RESIDENTIAL GROUP, R-2 SECOND FLOOR- 4 APARTMENT UNITS (3,175 SQ. FT. EACH FLOOR) THIRD FLOOR- 4 APARTMENT UNITS (3,175 SQ. FT. EACH FLOOR)
503	CHAPTER 5- GENERAL BUILDING HEIGHTS AND AREAS RESIDENTIAL GROUP, R-2 CONSTRUCTION TYPE III-B, SPRINKLED HEIGHT 55 STORIES: 4 ALLOWABLE AREA: 16,000
506	BUILDING AREA MODIFICATIONS FRONTAGE INCREASE= $I_f = [F/P] \cdot 0.25/W30$ I_f = AREA INCREASE DUE TO FRONTAGE P= BUILDING PERIMETER THAT FRONT ON A PUBLIC WAY OR OPEN SPACE HAVING 20 FEET (6096MM), THE FRONTAGE INCREASE SHALL BE DETERMINED IN ACCORDANCE WITH EQUATION 5-2 P= PERIMETER OF THE ENTIRE BUILDING (FEET) W= WIDTH OF PUBLIC WAY OR OPEN SPACE (FEET) IN ACCORDANCE WITH SECTION 506.2.1
508.4	MIXED USE OCCUPANCY SEPARATION OF OCCUPANCIES (HOURS) R_h FROM B= 1 HOUR (SPRINKLED)
TABLE 601	CHAPTER 6- TYPES OF CONSTRUCTION CONSTRUCTION CLASSIFICATION TYPE V-B, NO FIRE RESISTANCE RATINGS
TABLE 602	1. OCCUPANCY B; EXTERIOR WALL REQUIREMENTS $X \leq 1$ HOUR; $5 \leq X \leq 0 = 1$ HOUR; $10 \leq X \leq 0 = 0$ HOUR; $X \geq 30 = 0$ HOUR
713	CHAPTER 7- FIRE AND SMOKE PROTECTION FEATURES SHAFTS LESS THAN 4 STORIES SHALL BE 1- HOUR
906	CHAPTER 9- FIRE AND SMOKE PROTECTION SYSTEMS 1. OCCUPANCY-B, BUSINESS; PROVIDE PORTABLE FIRE EXTINGUISHERS 2. IN COMPLIANCE WITH NFPA 10
907.2.2	1. OCCUPANCY B; IF LESS THAN 500 PERSONS NO FIRE ALARM SYSTEM
TABLE 1004.1.2	CHAPTER 10- MEANS OF EGRESS 1. OCCUPANCY B; 100 SQ. FT. OF GROSS AREA PER PERSON
TABLE 1006.2.1	1. SINGLE EXIT ALLOWED IF MAXIMUM 49 PERSONS 2. COMMON PATH OF EGRESS ≤ 30 - 100 FEET 3. COMMON PATH OF EGRESS ≥ 20 - 75 FEET
TABLE 1006.3.2 (2)	1. FIRST STORY ABOVE GRADE FOR OCCUPANCY B- MAXIMUM 49 PERSONS 2. COMMON PATH OF EGRESS- 75 FEET
TABLE 1009.3	ACCESSIBLE STAIRS 1. CLEAR WIDTH 48" BETWEEN HANDRAILS

OCCUPANCY NUMBER OF PERSONS- OCCUPANCY "B" - REFER TO EGRESS ANALYSIS TABLE BELOW.

EGRESS ANALYSIS						
UNITS	OCCUPANT LOAD FACTOR	CALCULATION TYPE	AREA	AREA TYPE	OCCUPANCY FACTOR	OCCUPANCY LOAD

SECOND FLOOR FFE						
UNIT 203	R - HOTELS AND DORMITORIES	GROSS	764 SF	Building Common Area	200 SF	4
UNIT 204	R - APARTMENT BUILDINGS	GROSS	742 SF	Building Common Area	200 SF	4
UNIT 202	R - APARTMENT BUILDINGS	GROSS	765 SF	Building Common Area	200 SF	4
UNIT 201	R - APARTMENT BUILDINGS	GROSS	610 SF	Building Common Area	200 SF	4
CORRIDOR	R - APARTMENT BUILDINGS	GROSS	229 SF	Building Common Area	200 SF	2
SECOND FLOOR FFE: 5			3109 SF			18

THIRD FLOOR						
UNIT 304	R - APARTMENT BUILDINGS	GROSS	731 SF	Building Common Area	200 SF	4
UNIT 303	R - APARTMENT BUILDINGS	GROSS	775 SF	Building Common Area	200 SF	4
UNIT 301	R - APARTMENT BUILDINGS	GROSS	610 SF	Building Common Area	200 SF	4
UNIT 302	R - APARTMENT BUILDINGS	GROSS	765 SF	Building Common Area	200 SF	4
CORRIDOR	R - APARTMENT BUILDINGS	GROSS	228 SF	Building Common Area	200 SF	2
THIRD FLOOR: 5			3108 SF			18
Grand total: 10			6218 SF			36

CHAPTER 29- PLUMBING SYSTEMS			
TABLE 2902.1	1. OCCUPANCY B		
	2. WATER CLOSETS REQUIRED	1 PER 25	
	3. LAVATORY REQUIRED	1 PER 40	
TABLE 2902.6	4. DRINKING FOUNTAINS NOT REQUIRED IF < 15 PERSONS		

CHAPTER 30- ELEVATOR AND CONVEYING SYSTEMS	
30.1.3.3	(1) CAN LOCATE ABOVE NON-RESIDENTIAL OCCUPANCY BY CONSTRUCTION HAVING MINIMUM 1-HOUR FIRE RATED SEPARATION (2) IF NON-RESIDENTIAL OCCUPANCY IS PROTECTED THROUGHOUT FIRE PROTECTED SYSTEM.
30.1.7	OCCUPANT LOAD TABLE 7.3.1.2 APARTMENTS 200SQ/FT/1 PERSON 3200 SQ.FT. / 200= 16 PERSONS ON EACH FLOOR
30.2.1.2	MEANS OF ESCAPE - SECTION 24.2 24.2.2.1.1. EVERY SLEEPING ROOM AND LIVING AREA SHALL HAVE ONE PRIMARY MEANS OF ESCAPE AND ON SECONDARY MEANS OF ESCAPE 24.2.2.1.2. SECONDARY MEANS OF ESCAPE NOT REQUIRED IF ACCESS DIRECTLY OUT TO OUTSIDE AND TO FINISHED GROUND LEVEL IF UNIT IS PROTECTED WITH FIR SPRINKLER SYSTEM 24.2.2.2. PRIMARY MEANS OF ESCAPE SHALL BE A DOOR, STAIRWAY OR RAMP. 24.2.2.3. SECONDARY MEANS OF ESCAPE - A DOOR, STAIRWAY, PASSAGE, HALL, INDEPENDENT AND REMOTE FROM PRIMARY ESCAPE. - PASSAGE THROUGH AN ADJACENT NON-LOOKABLE SPACE - WINDOW 20" WIDTH; 24" HEIGHT; 5.7 AREA OPENING WINDOW WITHIN 20 FT. OF FINISHED GROUND LEVEL.
30.2.4.6	SINGLE EXIT SHALL BE PERMITTED - TOTAL NUMBER OF STORIES DOES NOT EXCEED FOUR (4) - THERE ARE FOUR OR FEWER UNITS PER STORY - BUILDING IS PROTECTED THROUGHOUT BY FIRE SPRINKLER SYSTEM - EXIT STAIRWAY DOES NOT SERVE MORE THAN ONE HALF STORY BELOW LEVEL OF EXIT DISCHARGE - TRAVEL DISTANCE FROM ENTRANCE DOOR TO EXIT DOES NOT EXCEED 35 FT. - STAIRWAY HAS COMPLETE 1-HOUR FIRE RATED RESISTANCE - ALL CORRIDORS SERVING AS ACCESS ARE 1-HOUR FIRE RATED - HORIZONTAL VERTICAL SEPARATION OF UNITS IS 12-HOUR FIRE RATED.

LIFE SAFETY LEGEND

EXIT CAPACITY FROM STRUCTURE : [2] 3'-0" door capacity 350 persons 3'-0" door capacity 175 persons	EXIT 350 PERSONS
TRAVEL DISTANCE:	TRAVEL PATH PATH DISTANCE Egress 6'-9"
FIRE EXTINGUISHER & CABINET:	FEC
EXPECTED NUMBER OF OCCUPANTS IN ROOM EXITING IN AN EMERGENCY:	
1-HOUR RATED WALL:	---
2-HOUR RATED WALL:	---

LIFE SAFETY CODE ANALYSIS

OCCUPANCY: R- RESIDENTIAL
NUMBER OF EXITS: 1 EXITS REQUIRED, 1 EXITS PROVIDED
DEAD END CORRIDORS: 20 FEET
COMMON PATH OF TRAVEL: 75 FEET
TRAVEL DISTANCE TO EXITS: 150 FEET
EMERGENCY LIGHTING: REQUIRED: PER IBC SECTION 1006.3
MARKING OF MEANS OF EGRESS: REQUIRED: PROVIDED
INTERIOR FINISHES: INTERIOR WALL & CEILINGS: IN EXITS & EXIT ACCESS CORRIDORS: CLASS A OR CLASS B INTERIOR FLOOR FINISHES: IN EXIT ENCLOSURES CLASS I OR CLASS II INTERIOR WALL & CEILINGS: ELSEWHERE CLASS A, CLASS B, CLASS C INTERIOR FLOOR FINISHES: ELSEWHERE SHALL COMPLY WITH LIFE SAFETY CODE 10.2.7.1 & 10.2.7.2
DETECTION, ALARM, COMMUNICATION SYSTEMS: REQUIRED BY CODE: REQUIRED
EXTINGUISHMENTS REQUIREMENTS: REQUIRED: SPRINKLER SYSTEM REQUIRED FIRE EXTINGUISHERS SHALL COMPLY WITH NFPA-10

30.2.5.3.1	COMMON PATH OF TRAVEL	35 FT
30.2.5.3.2	COMMON PATH OF TRAVEL	50 FT
30.2.5.4.1	DEAD END CORRIDORS	35 FT
30.2.6.1	TRAVEL DISTANCE	75 FT WITHIN UNIT
30.2.6.2	TRAVEL DISTANCE	125 FT WITHIN UNIT WITH FIRE SPRINKLER SYSTEM
30.2.6.3.1	TRAVEL DISTANCE TO EXIT	100 FT
30.2.6.3.2	TRAVEL DISTANCE TO EXIT WITH FIRE SPRINKLER SYSTEM	200 FT
30.2.8	ILLUMINATION OF MEANS OF EXIT PROVIDED IN ACCORDANCE WITH SECTION 7.8	
30.2.9	EMERGENCY LIGHTING IN ACCORDANCE WITH 7.9 IF FOUR OR MORE STORIES OR WITH MORE THAN 12 UNITS	

<input type="checkbox"/> NOT FOR CONSTRUCTION
<input checked="" type="checkbox"/> RELEASED FOR CONSTRUCTION
DATE: 08/01/2019 BY: TDO



STAMP:

STAMP:

NO. DATE REVISION

2ND & 3RD FLOOR - APARTMENTS

DRAWING TITLE:

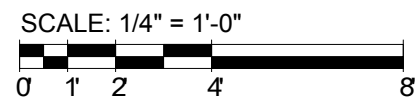
FIRST FLOOR
LIFE SAFETY

PROJECT NO: 180302.000
DATE: 08/01/2019
DESIGN BY: TDO
DRAWN BY: RF
CHECKED BY: TDO
SHEET NO:

LS1.0



1 SECOND FLOOR LIFE SAFETY
LS2.0 SCALE: 1/4" = 1'-0"



LIFE SAFETY LEGEND

EGRESS ANALYSIS						
UNITS	OCCUPANT LOAD FACTOR	CALCULATION TYPE	AREA	AREA TYPE	OCCUPANCY FACTOR	OCCUPANCY LOAD

SECOND FLOOR FFE: 5	3109 SF	18
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THIRD FLOOR: 5	3108 SF	18
Grand total: 10	6218 SF	36

CHAPTER 30 - ELEVATOR AND CONVEYING SYSTEMS

(2) IF NON-RESIDENTIAL OCCUPANCY IS PROTECTED THROUGHOUT FIRE PROTECTED SYSTEM.

30.1.1 OCCUPANT LOAD
TABLE 7.3.1.2 APARTMENTS 200SQ/FT/ PERSON
3200 SQ.FT. / 200= 16 PERSONS ON EACH FLOOR

30.2.1.2 MEANS OF ESCAPE - SECTION 24.2
24.2.1.1. EVERY SLEEPING ROOM AND LIVING AREA SHALL HAVE ONE PRIMARY MEANS OF ESCAPE AND ON SECONDARY MEANS OF ESCAPE

24.2.2.1 SECONDARY MEANS OF ESCAPE NOT REQUIRED IF ACCESS DIRECTLY OUT TO OUTSIDE AND TO FINISHED GROUND LEVEL
IF UNIT IS PROTECTED WITH FIR SPRINKLER SYSTEM

24.2.2.2 PRIMARY MEANS OF ESCAPE SHALL BE A DOOR, STAIRWAY OR RAMP.

24.2.2.3 SECONDARY MEANS OF ESCAPE
- A DOOR, STAIRWAY, PASSAGE, HALL, INDEPENDENT AND REMOTE FROM PRIMARY ESCAPE.
- PASSAGE THROUGH AN ADJACENT NON-LOCKABLE SPACE
- WINDOW 20" WIDTH; 24" HEIGHT; 5.7 AREA OPENING WINDOW WITHIN 20 FT. OF FINISHED GROUND LEVEL.

30.2.4.6 SINGLE EXIT SHALL BE PERMITTED
- TOTAL NUMBER OF STORES NOT EXCEED FOUR (4)
- THERE ARE FOUR OR FEWER UNITS PER STORY
- BUILDING IS PROTECTED THROUGHOUT BY FIRE SPRINKLER SYSTEM
- EXIT STAIRWAY DOES NOT SERVE MORE THAN ONE HALF STORY BELOW LEVEL OF EXIT DISCHARGE
- TRAVEL DISTANCE FROM ENTRANCE DOOR TO EXIT DOES NOT EXCEED 35 FT.
- STAIRWAY HAS COMPLETE 1-HOUR FIRE RATED RESISTANCE
- ALL CORRIDORS SERVING AS ACCESS ARE 1-HOUR FIRE RATED
- HORIZONTAL VERTICAL SEPARATION OF UNITS IS 12-HOUR FIRE RATED.

LIFE SAFETY CODE ANALYSIS

FIRE EXTINGUISHERS SHALL COMPLY WITH NFPA 10.

30.2.5.3.1 COMMON PATH OF TRAVEL	35 FT
30.2.5.3.2 COMMON PATH OF TRAVEL	50 FT
30.2.5.4.1 DEAD END CORRIDORS	35 FT
30.2.6.1 TRAVEL DISTANCE	75 FT WITHIN UNIT
30.2.6.2 TRAVEL DISTANCE	125 FT WITHIN UNIT WITH FIRE SPRINKLER SYSTEM
30.2.6.3.1 TRAVEL DISTANCE TO EXIT	100 FT
30.2.6.3.2 TRAVEL DISTANCE TO EXIT WITH FIRE SPRINKLER SYSTEM	200 FT
30.2.8 ILLUMINATION OF MEANS OF EXIT PROVIDED IN ACCORDANCE WITH SECTION 7.8	
30.2.9 EMERGENCY LIGHTING IN ACCORDANCE WITH 7.9 IF FOUR OR MORE STORIES OR WITH MORE THAN 12 UNITS	

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2ND & 3RD FLOOR - APARTMENTS

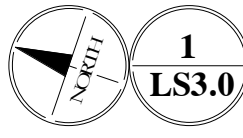
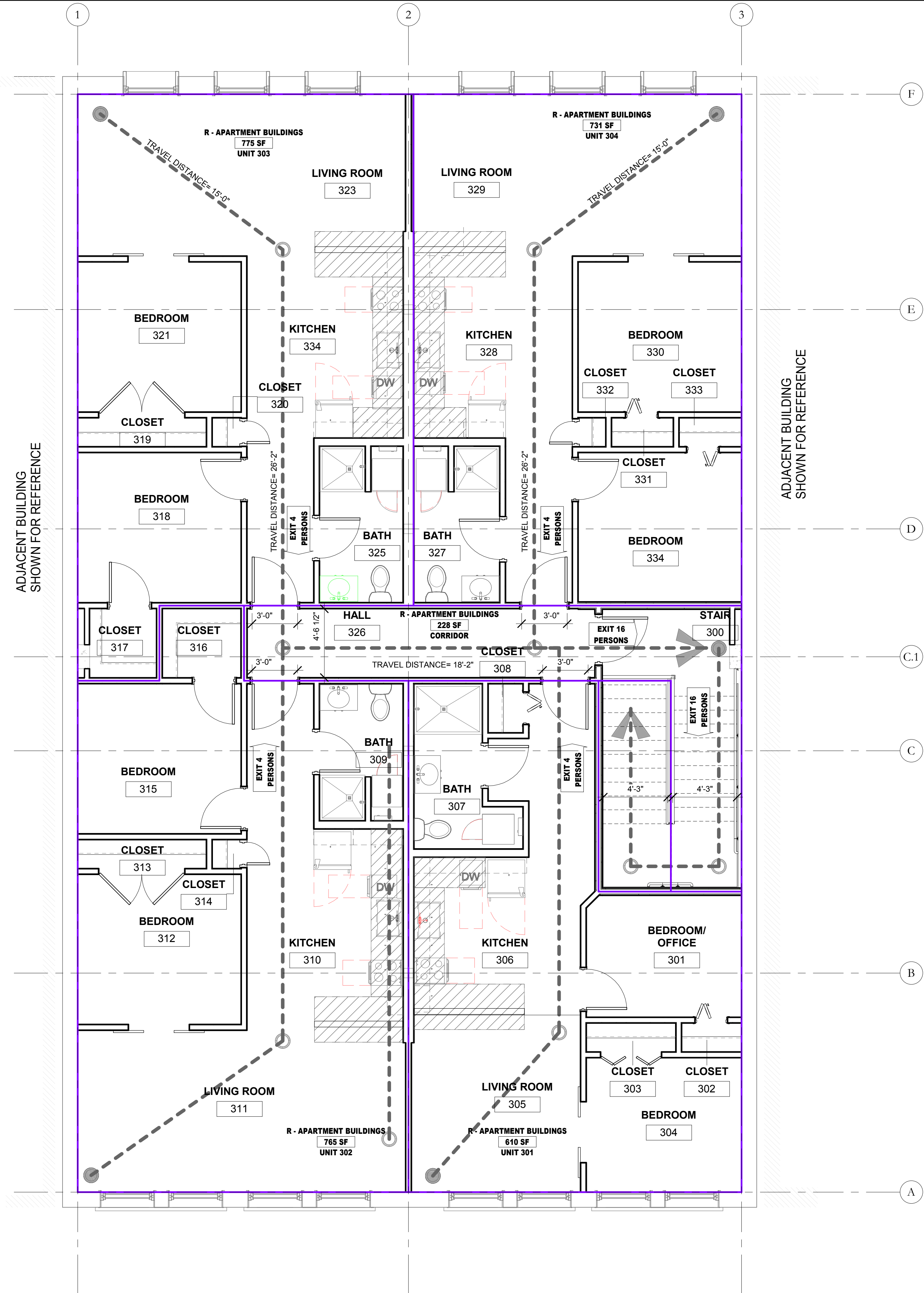
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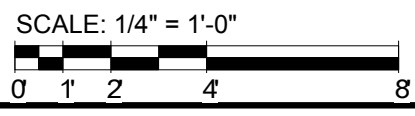
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1
LS3.0
THIRD FLOOR
SCALE: 1/4" = 1'-0"



LIFE SAFETY CODE: NEW APARTMENT BUILDING

SECTION	IBC 2012 - CHAPTER
310.4	CHAPTER 3 - USE AND OCCUPANCY CLASSIFICATION RESIDENTIAL GROUP, R-2 SECOND FLOOR - 4 APARTMENT UNITS (3,175 SQ. FT. EACH FLOOR) THIRD FLOOR - 4 APARTMENT UNITS (3,175 SQ. FT. EACH FLOOR)
503	CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS RESIDENTIAL GROUP, R-2 CONSTRUCTION TYPE III-B, SPRINKLED HEIGHT 35 STORIES: 4 ALLOWABLE AREA: 16,000
506	BUILDING AREA MODIFICATIONS FRONTAGE INCREASE= $1 + (F/P) \cdot 0.25W/30$ 1_F = AREA INCREASE DUE TO FRONTAGE F = BUILDING PERIMETER THAT FRONT ON A PUBLIC WAY OR OPEN SPACE HAVING 20 FEET (6096MM), THE FRONTAGE INCREASE SHALL BE DETERMINED IN ACCORDANCE WITH EQUATION 5-2 P = PERIMETER OF THE ENTIRE BUILDING (FEET) W = WIDTH OF PUBLIC WAY OR OPEN SPACE (FEET) IN ACCORDANCE WITH SECTION 506.2.1
508.4	MIXED USE OCCUPANCY SEPARATION OF OCCUPANCIES (HOURS) R_n FROM B= 1 HOUR (SPRINKLED)
TABLE 601	CHAPTER 6 - TYPES OF CONSTRUCTION CONSTRUCTION CLASSIFICATION TYPE V-B, NO FIRE RESISTANCE RATINGS
TABLE 602	1. OCCUPANCY B, EXTERIOR WALL REQUIREMENTS X 5, 1 HOUR; 5 ≤ X 0 = 1 HOUR; 10 ≤ X 30 = 0 HOUR; X ≥ 30 = 0 HOUR
713	CHAPTER 7 - FIRE AND SMOKE PROTECTION FEATURES SHAFTS LESS THAN 4 STORIES SHALL BE 1- HOUR
906	CHAPTER 9 - FIRE AND SMOKE PROTECTION SYSTEMS 1. OCCUPANCY-B, BUSINESS, PROVIDE PORTABLE FIRE EXTINGUISHERS 2. IN COMPLIANCE WITH NFPA 10
907.2.2	1. OCCUPANCY B, IF LESS THAN 500 PERSONS NO FIRE ALARM SYSTEM
TABLE 1004.1.2	CHAPTER 10 - MEANS OF EGRESS 1. OCCUPANCY B, 100 SQ. FT. OF GROSS AREA PER PERSON
TABLE 1006.2.1	1. SINGLE EXIT ALLOWED IF MAXIMUM 49 PERSONS 2. COMMON PATH OF EGRESS ≤ 30 - 100 FEET 3. COMMON PATH OF EGRESS ≥ 20- 75 FEET
TABLE 1006.3.2 (2)	1. FIRST STORY ABOVE GRADE FOR OCCUPANCY B- MAXIMUM 49 PERSONS 2. COMMON PATH OF EGRESS- 75 FEET
TABLE 1009.3	ACCESSIBLE STAIRS 1. CLEAR WIDTH 48" BETWEEN HANDRAILS

OCCUPANCY NUMBER OF PERSONS- OCCUPANCY "B" - REFER TO EGRESS ANALYSIS TABLE BELOW.

EGRESS ANALYSIS						
UNITS	OCCUPANT LOAD FACTOR	CALCULATION TYPE	AREA	AREA TYPE	OCCUPANCY FACTOR	OCCUPANCY LOAD

SECOND FLOOR FFE						
UNIT 203	R - HOTELS AND DORMITORIES	GROSS	764 SF	Building Common Area	200 SF	4
UNIT 204	R - APARTMENT BUILDINGS	GROSS	742 SF	Building Common Area	200 SF	4
UNIT 202	R - APARTMENT BUILDINGS	GROSS	765 SF	Building Common Area	200 SF	4
UNIT 201	R - APARTMENT BUILDINGS	GROSS	610 SF	Building Common Area	200 SF	4
CORRIDOR	R - APARTMENT BUILDINGS	GROSS	229 SF	Building Common Area	200 SF	2
SECOND FLOOR FFE: 5			3109 SF			18

THIRD FLOOR						
UNIT 304	R - APARTMENT BUILDINGS	GROSS	731 SF	Building Common Area	200 SF	4
UNIT 303	R - APARTMENT BUILDINGS	GROSS	775 SF	Building Common Area	200 SF	4
UNIT 301	R - APARTMENT BUILDINGS	GROSS	610 SF	Building Common Area	200 SF	4
UNIT 302	R - APARTMENT BUILDINGS	GROSS	765 SF	Building Common Area	200 SF	4
CORRIDOR	R - APARTMENT BUILDINGS	GROSS	228 SF	Building Common Area	200 SF	2
THIRD FLOOR: 5			3108 SF			18
Grand total: 10			6218 SF			36

CHAPTER 29- PLUMBING SYSTEMS	
TABLE 2902.1	1. OCCUPANCY B 2. WATER CLOSETS REQUIRED 1 PER 25 3. LAVATORY REQUIRED 1 PER 40 4. DRINKING FOUNTAINS NOT REQUIRED IF < 15 PERSONS
TABLE 2902.6	
CHAPTER 30 - ELEVATOR AND CONVEYING SYSTEMS	
(1) CAN LOCATE ABOVE NON-RESIDENTIAL OCCUPANCY BY CONSTRUCTION HAVING MINIMUM 1-HOUR FIRE RATED SEPARATION (2) IF NON-RESIDENTIAL OCCUPANCY IS PROTECTED THROUGHOUT FIRE PROTECTED SYSTEM.	
30.1.3.3	
30.1.7	OCCUPANT LOAD TABLE 7.3.1.2 APARTMENTS 200(SQ/FT)/ PERSON 3200 SQ. FT. / 200= 16 PERSONS ON EACH FLOOR
30.2.1.2	MEANS OF ESCAPE - SECTION 24.2 24.2.2.1.1. EVERY SLEEPING ROOM AND LIVING AREA SHALL HAVE ONE PRIMARY MEANS OF ESCAPE AND ON SECONDARY MEANS OF ESCAPE 24.2.2.1.2. SECONDARY MEANS OF ESCAPE NOT REQUIRED IF ACCESS DIRECTLY OUT TO OUTSIDE AND TO FINISHED GROUND LEVEL IF UNIT IS PROTECTED WITH FIR SPRINKLER SYSTEM 24.2.2.2. PRIMARY MEANS OF ESCAPE SHALL BE A DOOR, STAIRWAY OR RAMP. 24.2.2.3. SECONDARY MEANS OF ESCAPE - A DOOR, STAIRWAY, PASSAGE, HALL, INDEPENDENT AND REMOTE FROM PRIMARY ESCAPE. - PASSAGE THROUGH AN ADJACENT NON-LOCKABLE SPACE. - WINDOW 20" WIDTH; 24" HEIGHT; 5.7 AREA OPENING WINDOW WITHIN 20 FT. OF FINISHED GROUND LEVEL.
30.2.4.6	SINGLE EXIT SHALL BE PERMITTED -TOTAL NUMBER OF STORIES DOES NOT EXCEED FOUR (4) -THERE ARE FOUR OR FEWER UNITS PER STORY -BUILDING IS PROTECTED THROUGHOUT BY FIRE SPRINKLER SYSTEM -EXIT STAIRWAY DOES NOT SERVE MORE THAN ONE HALF STORY BELOW LEVEL OF EXIT DISCHARGE -TRAVEL DISTANCE FROM ENTRANCE DOOR TO EXIT DOES NOT EXCEED 35 FT. -STAIRWAY HAS COMPLETE 1-HOUR FIRE RATED RESISTANCE -ALL CORRIDORS SERVING AS ACCESS ARE 1-HOUR FIRE RATED HORIZONTAL/VERTICAL SEPARATION OF UNITS IS 1-HOUR FIRE RATED.

LIFE SAFETY LEGEND

EXIT CAPACITY FROM STRUCTURE: (2) 3'-0" door capacity 350 persons 3'-0" door capacity 175 persons	EXIT 350 PERSONS
TRAVEL DISTANCE:	TRAVEL PATH PATH DISTANCE Egress 6'-9"
FIRE EXTINGUISHER & CABINET:	FEC
EXPECTED NUMBER OF OCCUPANTS IN ROOM EXITING IN AN EMERGENCY:	
1-HOUR RATED WALL:	-----
2-HOUR RATED WALL:	-----

LIFE SAFETY CODE ANALYSIS

OCCUPANCY: R- RESIDENTIAL
NUMBER OF EXITS: 1 EXITS REQUIRED, 1 EXITS PROVIDED
DEAD END CORRIDORS: 20 FEET
COMMON PATH OF TRAVEL: 75 FEET
TRAVEL DISTANCE TO EXITS: 150 FEET
EMERGENCY LIGHTING: REQUIRED: PER IBC SECTION 1006.3
MARKING OF MEANS OF EGRESS: REQUIRED: PROVIDED
INTERIOR FINISHES: INTERIOR WALL & CEILINGS: IN EXITS & EXIT ACCESS CORRIDORS: CLASS A OR CLASS B INTERIOR FLOOR FINISHES: IN EXIT ENCLOSURES CLASS I OR CLASS II INTERIOR WALL & CEILINGS: ELSEWHERE CLASS A, CLASS B, CLASS C INTERIOR FLOOR FINISHES: ELSEWHERE SHALL COMPLY WITH LIFE SAFETY CODE 10.2.7.1 & 10.2.7.2
DETECTION, ALARM, COMMUNICATION SYSTEMS: REQUIRED BY CODE: REQUIRED
EXTINGUISHMENTS REQUIREMENTS: REQUIRED: SPRINKLER SYSTEM REQUIRED FIRE EXTINGUISHERS SHALL COMPLY WITH NFPA-10

30.2.5.3.1 COMMON PATH OF TRAVEL	35 FT
30.2.5.3.2 COMMON PATH OF TRAVEL	50 FT
30.2.5.4.1 DEAD END CORRIDORS	35 FT
30.2.6.1 TRAVEL DISTANCE	75 FT WITHIN UNIT
30.2.6.2 TRAVEL DISTANCE	125 FT WITHIN UNIT WITH FIRE SPRINKLER SYSTEM
30.2.6.3.1 TRAVEL DISTANCE TO EXIT	100 FT
30.2.6.3.2 TRAVEL DISTANCE TO EXIT WITH FIRE SPRINKLER SYSTEM	200 FT
30.2.8 ILLUMINATION OF MEANS OF EXIT PROVIDED IN ACCORDANCE WITH SECTION 7.8	
30.2.9 EMERGENCY LIGHTING IN ACCORDANCE WITH 7.9 IF FOUR OR MORE STORIES OR WITH MORE THAN 12 UNITS	

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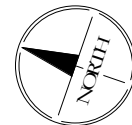
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**THIRD FLOOR
LIFE SAFETY**

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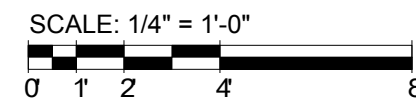
2
D1.0

EXISTING AND DEMOLITION BASEMENT FLOOR PLAN F.F.E.
SCALE: 1/4" = 1'-0"



1
D1.0

EXISTING AND DEMOLITION FIRST FLOOR F.F.E.
SCALE: 1/4" = 1'-0"

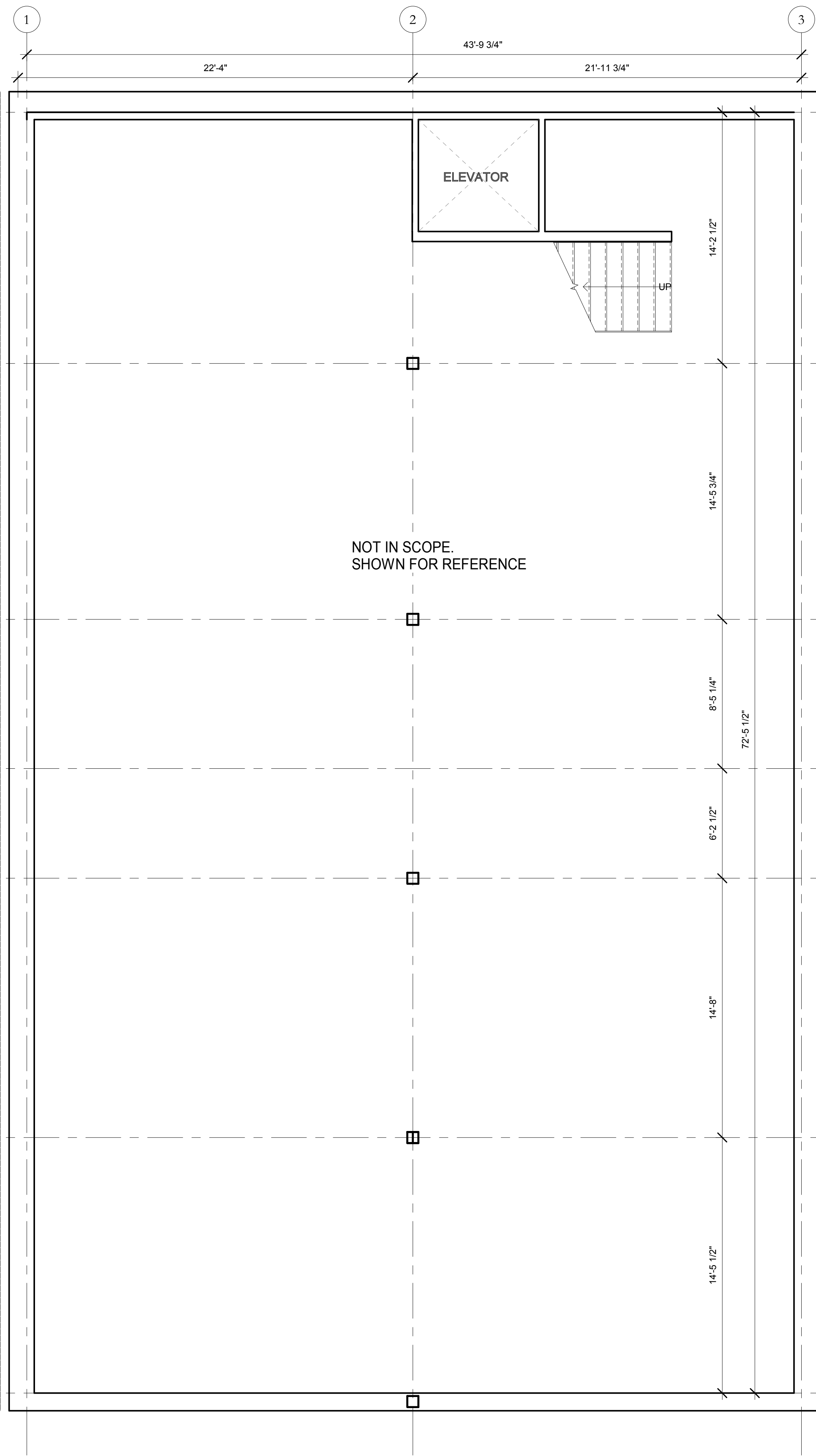


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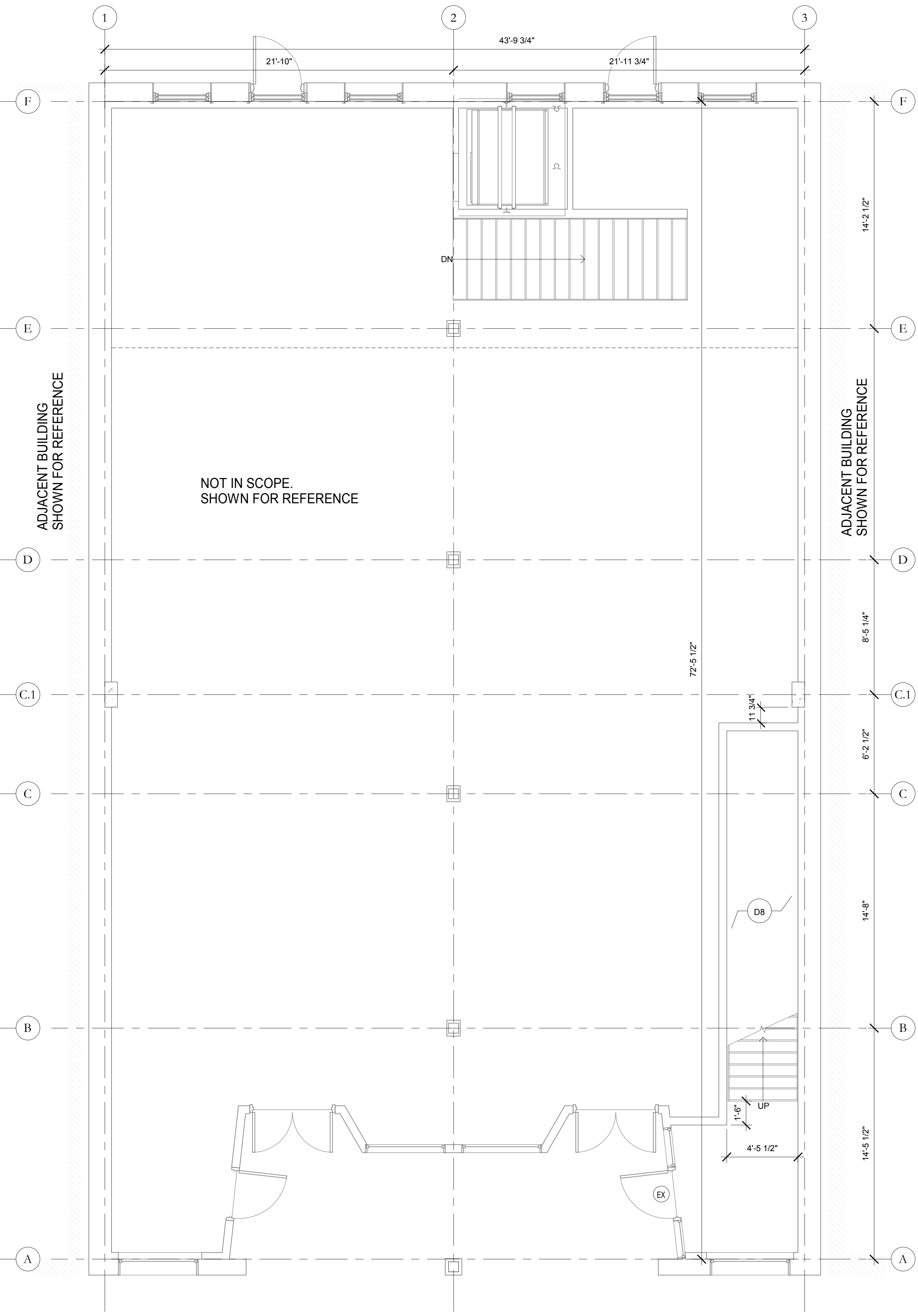
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FLOOR PLANS**
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ADJACENT BUILDING
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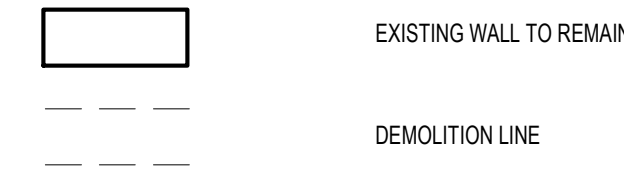


ADJACENT BUILDING
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ADJACENT BUILDING
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DEMOLITION LEGEND



DEMOLITION KEY LEGEND:

- D1 EXISTING FLOOR TO REMAIN. PATCH AND REPAIR AS NEEDED.
- D2 DEMOLISH EXISTING CAGE SURROUNDING EXISTING LIFT. ALL HOISTWAY RAILS AND STRUCTURAL ATTACHMENTS ARE TO BE REMOVED WITHOUT DAMAGE TO ADJACENT STRUCTURE. G.C. TO PROVIDE NEW STRUCTURAL JOISTS TO INFILL FLOORING TO MATCH EXISTING FLOORING AT ELEVATOR OPENING.
- D3 DEMOLISH EXISTING STAIR, STRINGERS, RISERS, LANDING AND POSTS. REFER TO STRUCTURAL FOR NEW FLOOR JOIST LOCATIONS AND INFILL FLOOR TO MATCH EXISTING FLOORING.
- D4 REPLACE EXISTING METAL CEILING TILE TO MATCH EXISTING INFILL LOCATIONS.
- D5 AREA NOT IN SCOPE OF WORK
- D6 DEMOLISH EXISTING FLOOR. REFER TO STRUCTURAL FOR STRUCTURAL BRACING OF EXISTING FLOOR JOISTS AND CLOSURE.
- D7 CAP EXISTING GAS LINES.
- D8 EXISTING TO REMAIN
- D9 PATCH EXISTING PLASTER AND REPAIR ANY WATER DAMAGE

DEMOLITION GENERAL NOTES:

- G.C. TO PROTECT ALL ADJACENT SURFACES TO DEMOLITION. PATCH AND REPAIR ANY DAMAGES TO ADJACENT SURFACES.
- DEBRIS IS TO BE REMOVED. BROOM SWEEP CLEAN FOR NEW CONSTRUCTION.

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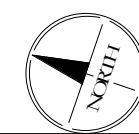
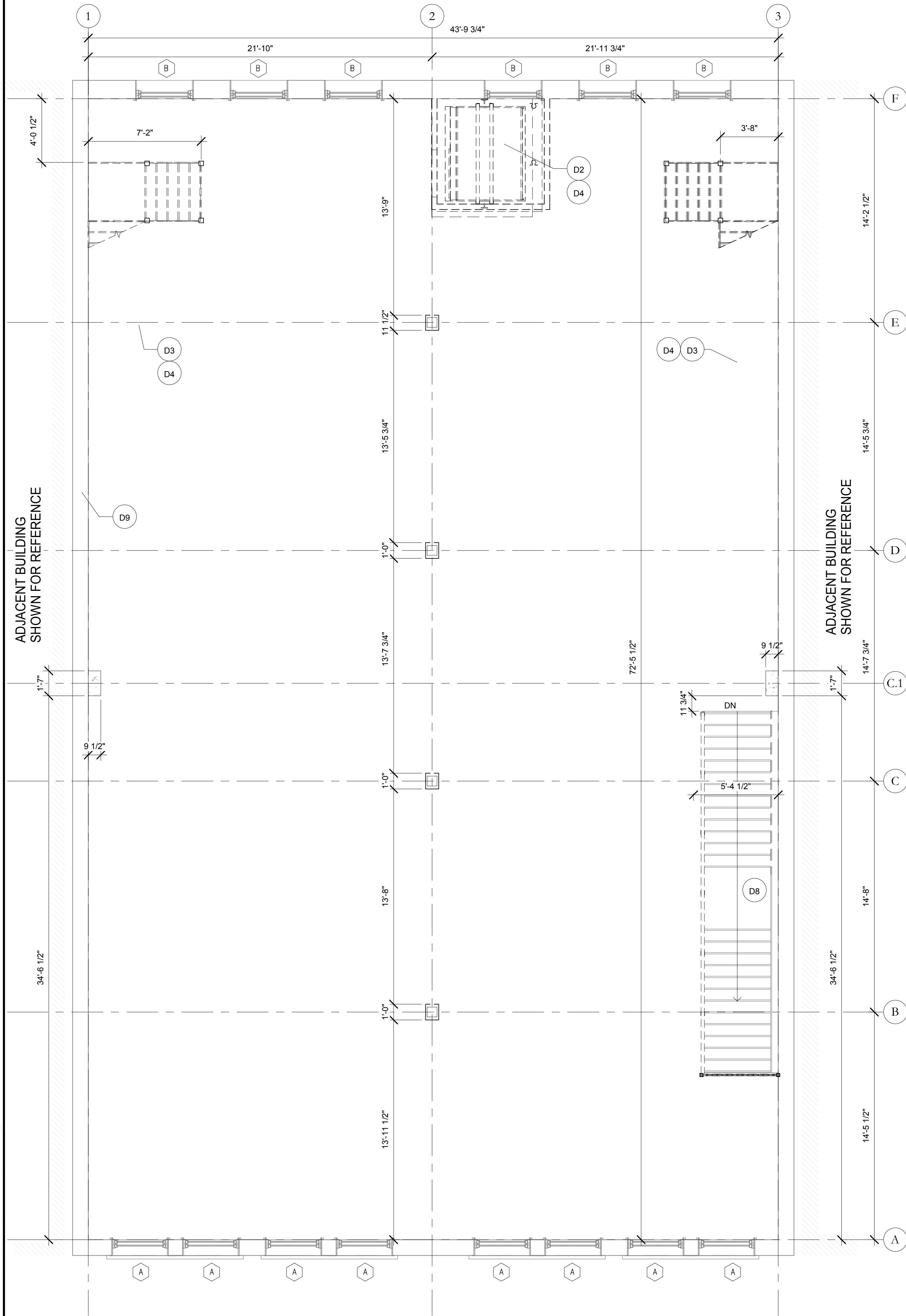
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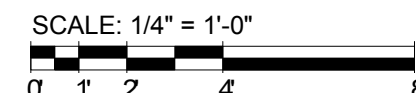
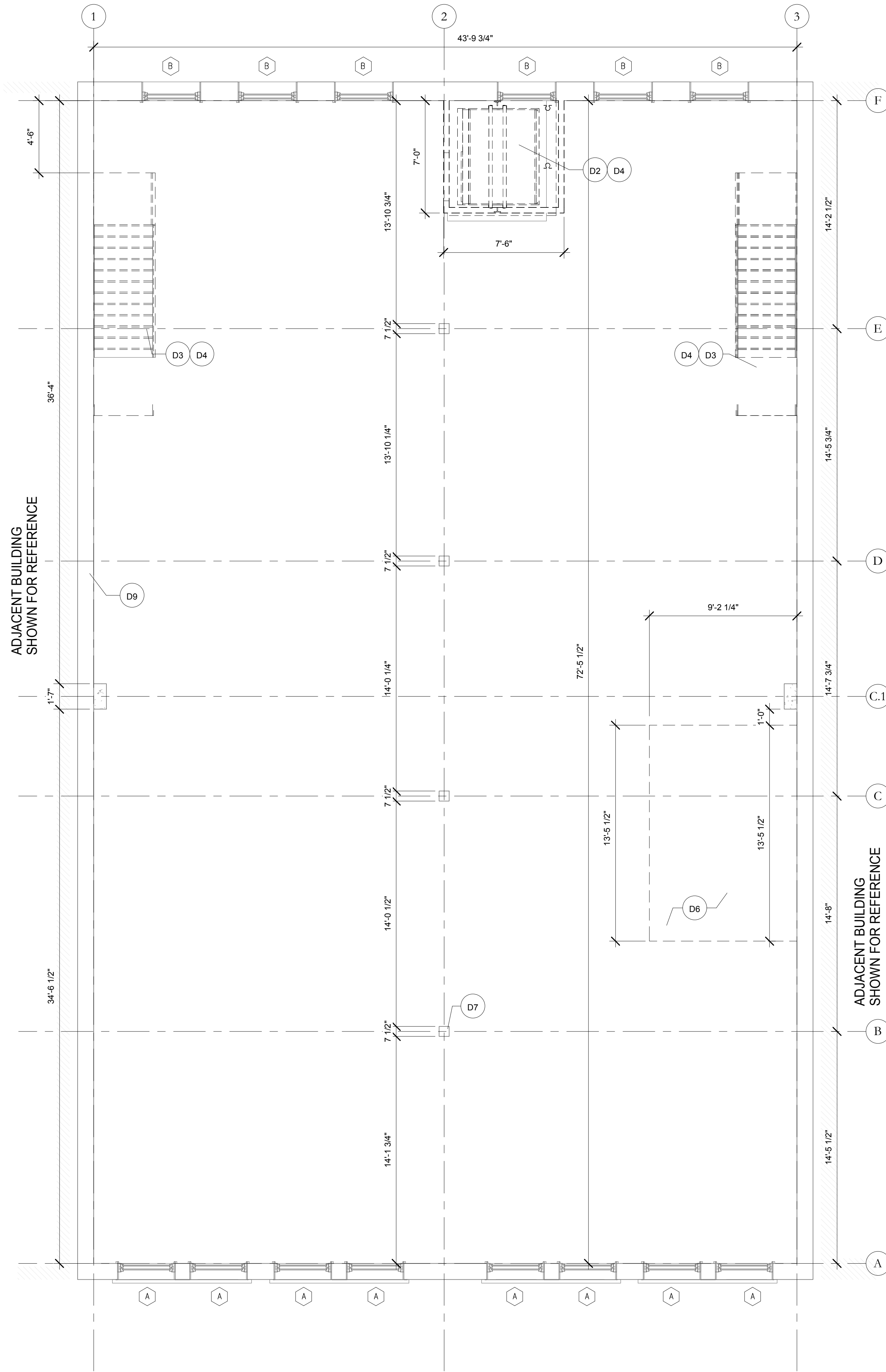
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DL1

EXISTING AND DEMOLITION SECOND FLOOR F.F.E.
SCALE: 1/4" = 1'-0"



2
DL1

EXISTING AND DEMOLITION THIRD FLOOR F.F.E.
SCALE: 1/4" = 1'-0"



SCALE: 1/4" = 1'-0"
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DEMOLITION LEGEND

EXISTING WALL TO REMAIN
DEMOLITION LINE

DEMOLITION KEY LEGEND:

- D1 EXISTING FLOOR TO REMAIN. PATCH AND REPAIR AS NEEDED.
- D2 DEMOLISH EXISTING CAGE SURROUNDING EXISTING LIFT. ALL HOISTWAY RAILS AND STRUCTURAL ATTACHMENTS ARE TO BE REMOVED WITHOUT DAMAGE TO ADJACENT STRUCTURE. G.C. TO PROVIDE NEW STRUCTURAL JOISTS TO INFILL FLOORING TO MATCH EXISTING FLOORING AT ELEVATOR OPENING.
- D3 DEMOLISH EXISTING STAIR, STRINGERS, RISERS, LANDING AND POSTS. REFER TO STRUCTURAL FOR NEW FLOOR JOIST LOCATIONS AND INFILL FLOOR TO MATCH EXISTING FLOORING.
- D4 REPLACE EXISTING METAL CEILING TILE TO MATCH EXISTING INFILL LOCATIONS.
- D5 AREA NOT IN SCOPE OF WORK
- D6 DEMOLISH EXISTING FLOOR, REFER TO STRUCTURAL FOR STRUCTURAL BRACING OF EXISTING FLOOR JOISTS AND CLOSURE.
- D7 CAP EXISTING GAS LINES.
- D8 EXISTING TO REMAIN
- D9 PATCH EXISTING PLASTER AND REPAIR ANY WATER DAMAGE

DEMOLITION GENERAL NOTES:

- G.C. TO PROTECT ALL ADJACENT SURFACES TO DEMOLITION. PATCH AND REPAIR ANY DAMAGES TO ADJACENT SURFACES.
- DEBRIS IS TO BE REMOVED. BROOM SWEEP CLEAN FOR NEW CONSTRUCTION.

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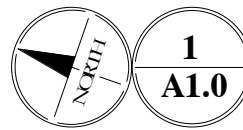
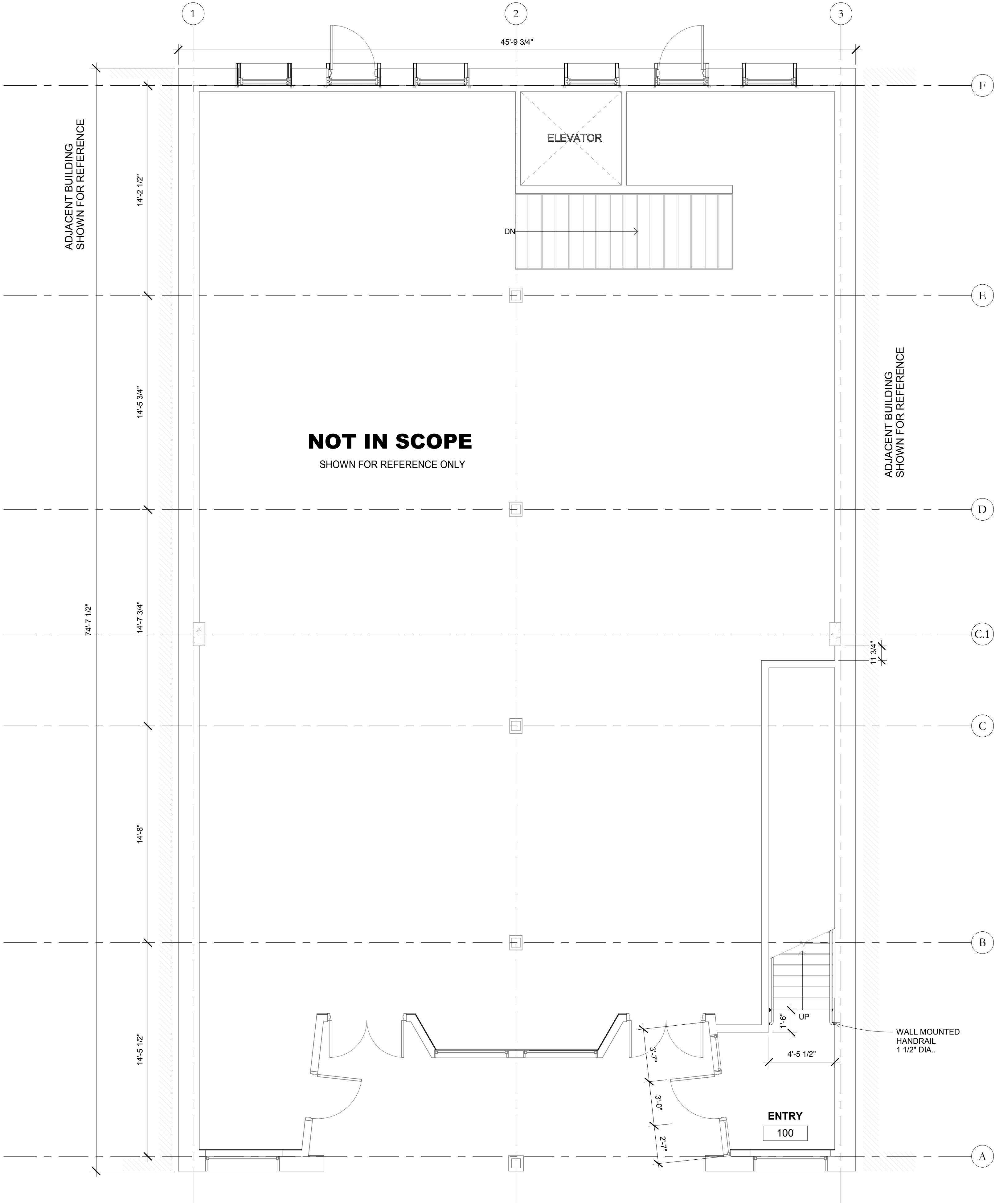
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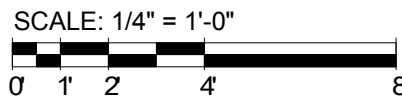
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FIRST FLOOR DIMENSION PLAN
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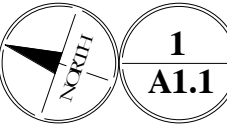
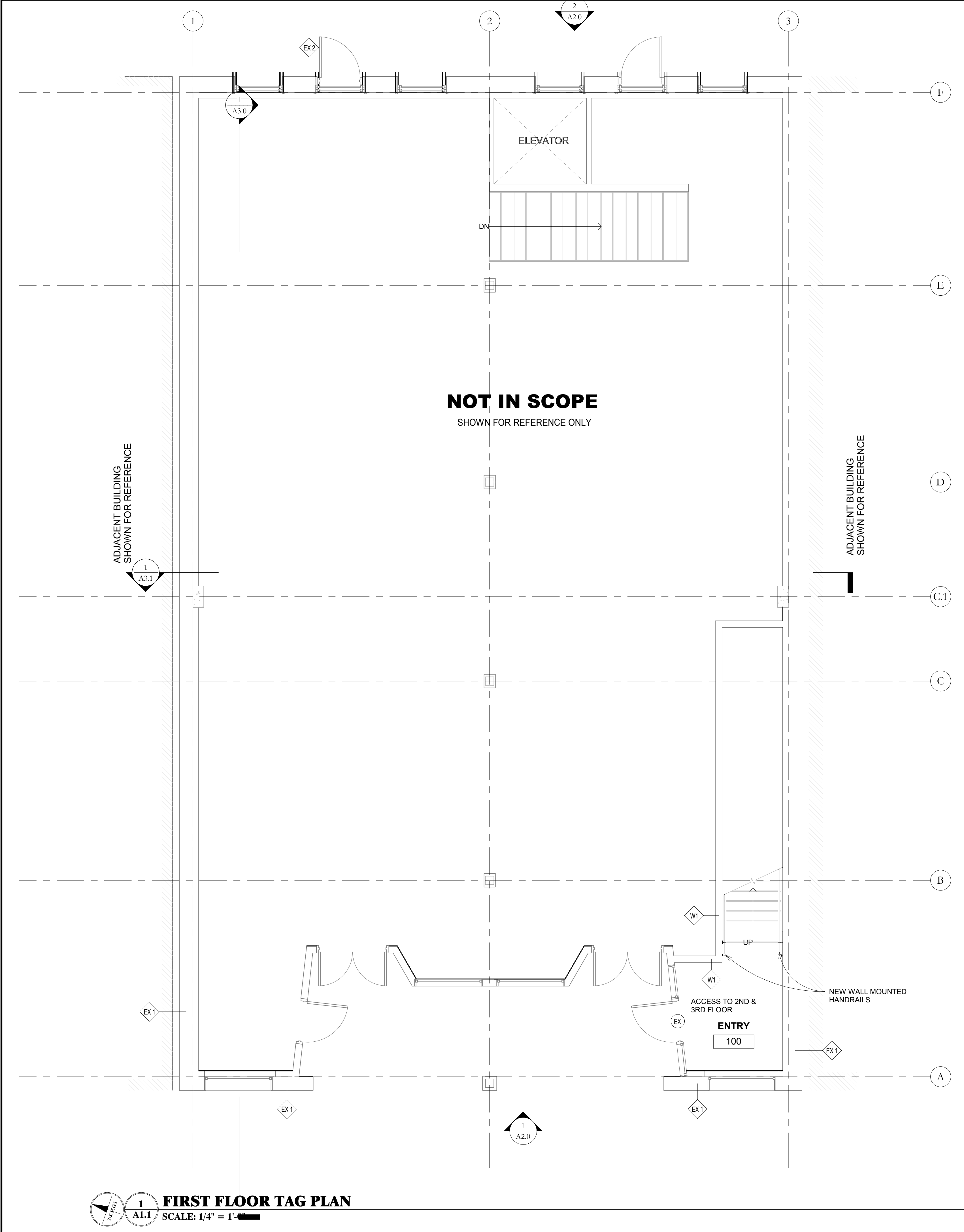
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1
A1.1

FIRST FLOOR TAG PLAN
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SCALE: 1/4" = 1'-0"
0 1 2 4 8

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WALL LEGEND	
	EXISTING BRICK WALL 1'-0" THICK
	EXISTING BRICK WALL 1'-2" THICK
	STAIR ENCLOSURE- 2 HOUR RATED WALL U-389 2 HOUR RATED 2"x4" WOOD STUDS FIRESTOPPED @ 16" O.C. W/ 2 LAYERS 5/8" GYPSUM BOARD
	CORRIDOR / UNIT SEPARATION- 1 HOUR RATED WALL UL U805 1 HOUR RATED 2"x4" WOOD STUDS @ 16" O.C. W 5/8" GYPSUM BOARD
	UNIT SEPARATION- 1 HOUR RATED WALL UL U805 1 HOUR RATED 2"x8" WOOD STUDS @ 16" O.C. W 5/8" GYPSUM BOARD
	UNIT NON-BEARING WALLS NOT RATED 2"x4" WOOD STUDS @ 16" O.C. W 5/8" GYPSUM BOARD
	UNIT MOISTURE RESISTANT WALLS NOT RATED 2"x4" WOOD STUDS @ 16" O.C. W 1/2" MOISTURE RESISTANT CEMENT BOARD
	UNIT MOISTURE RESISTANT WALLS NOT RATED 2"x8" WOOD STUDS @ 16" O.C. W 1/2" MOISTURE RESISTANT CEMENT BOARD

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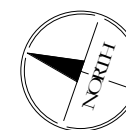
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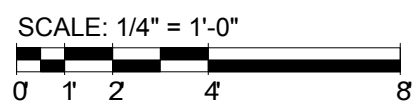
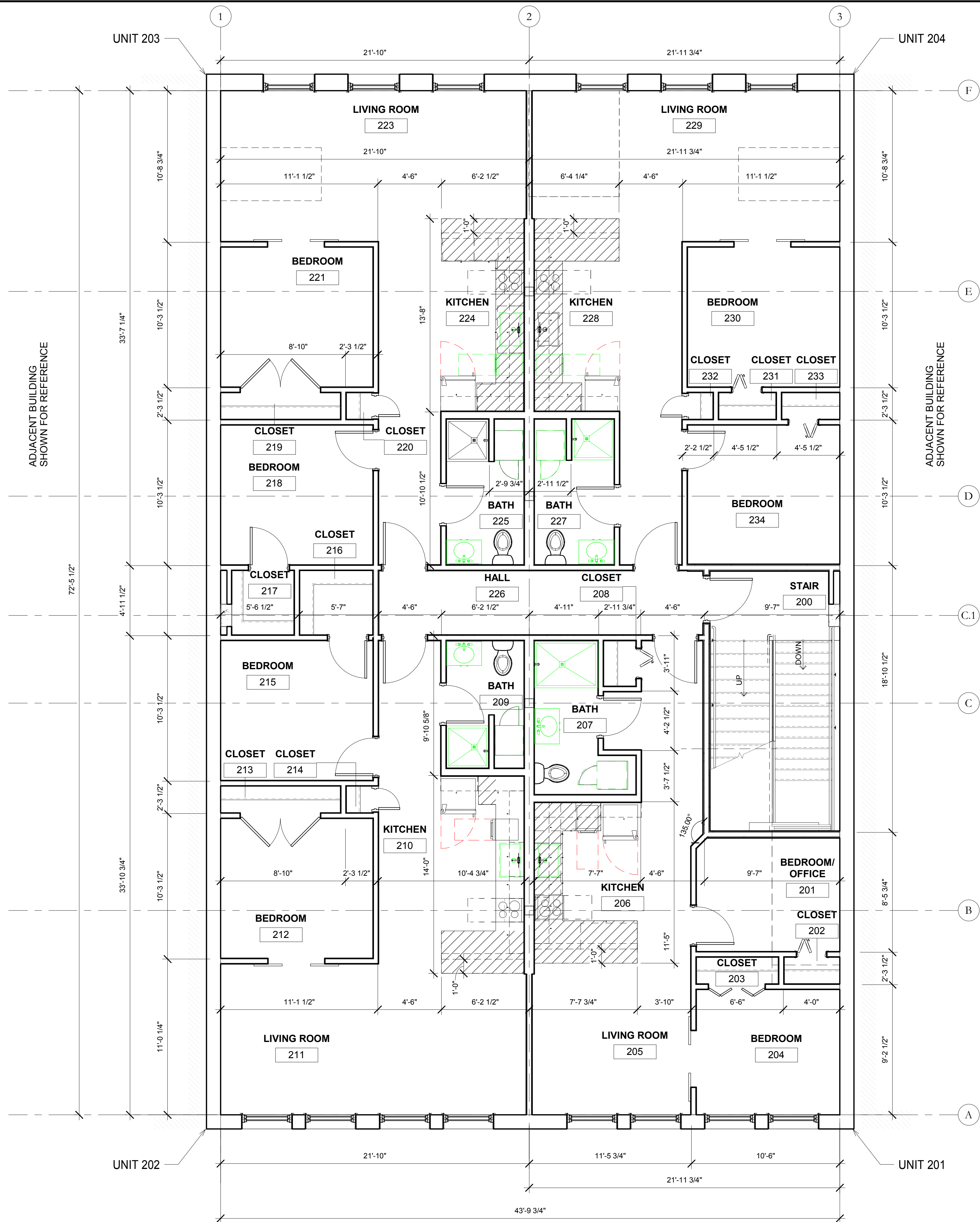
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1
A1.2

SECOND FLOOR PLAN F.F.E.- DIMENSION PLAN
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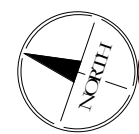
2ND & 3RD FLOOR - APARTMENTS

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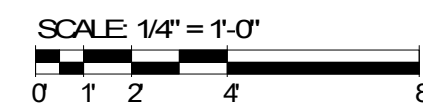
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1
AL3

SECOND FLOOR PLAN F.F.E.- TAG PLAN

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



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PROJECT NO: 180302.000
DATE: 08/01/2019
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DRAWN BY: RF
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SHEET NO:

A1.3

DRAWING TITLE:
SECOND FLOOR F.F.E.- TAG PLAN

2ND & 3RD FLOOR - APARTMENTS

NO. DATE REVISION

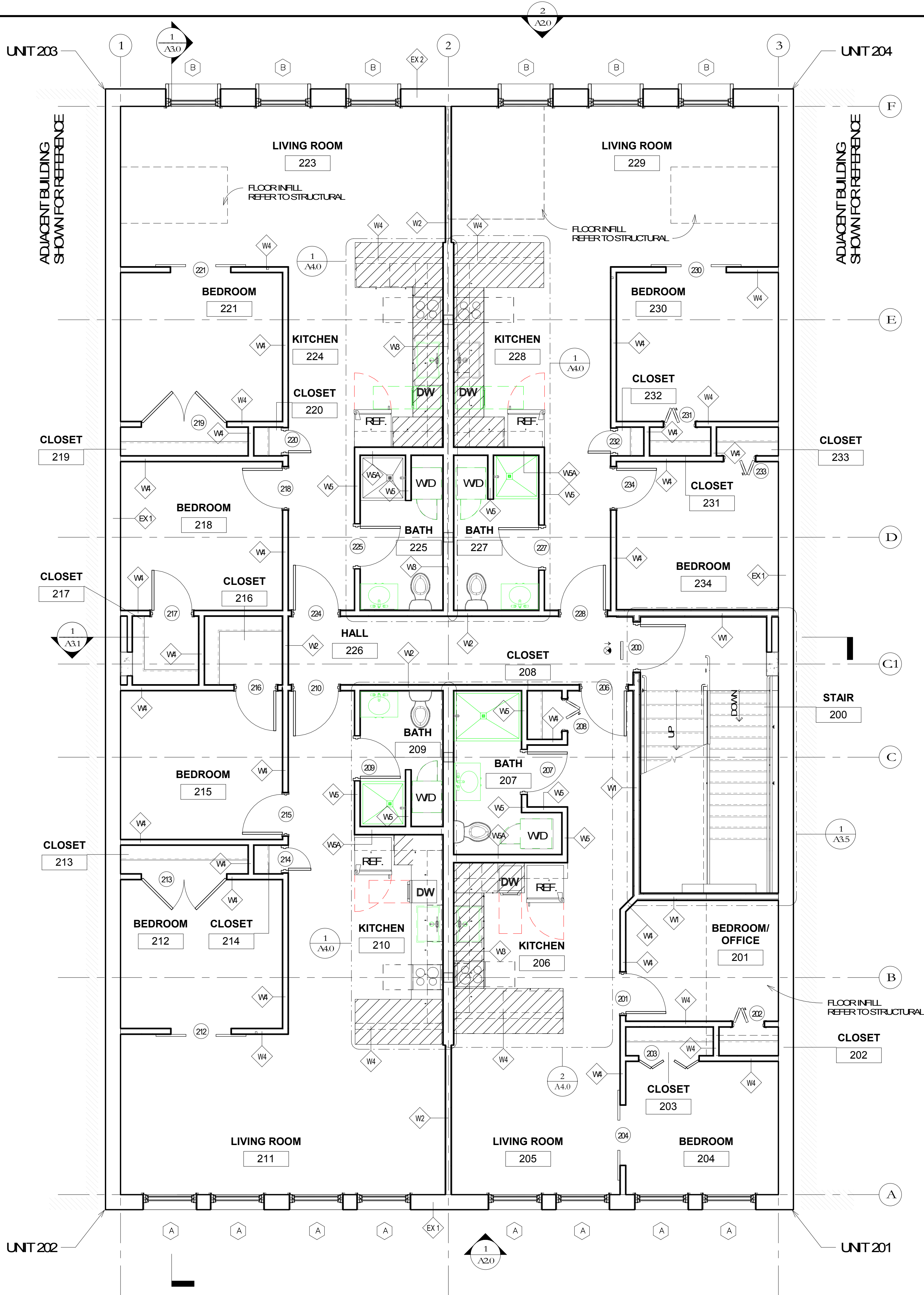
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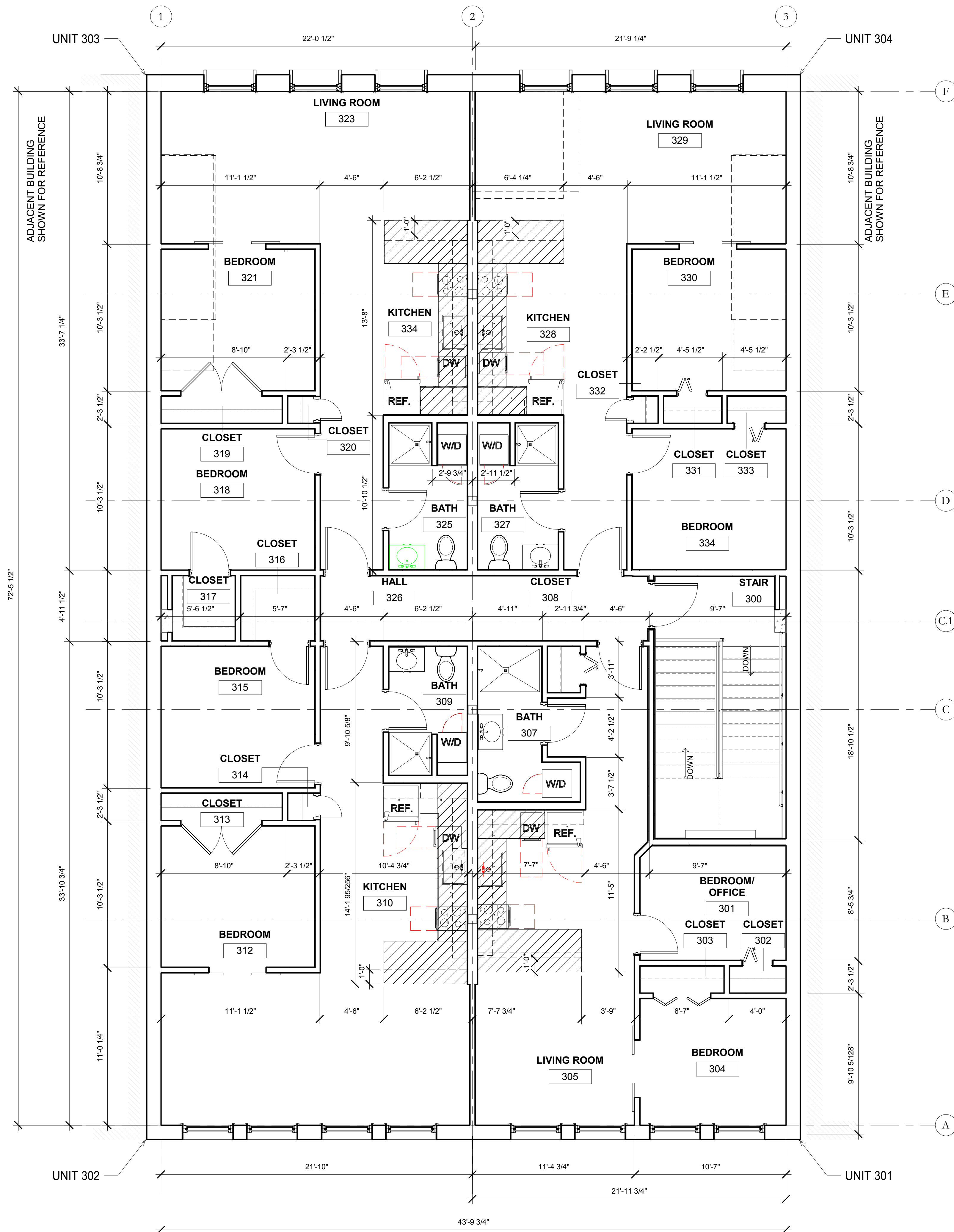


WALL LEGEND	
EX1	EXISTING BRICK WALL 1'-0" THICK
EX2	EXISTING BRICK WALL 1'-2" THICK
W1	STAIR ENCLOSURE- 2 HOUR RATED WALL U-389 2 HOUR RATED 2"x4" WOOD STUDS FIRESTOPPED @ 16" O.C. W/ 2 LAYERS 5/8" GYPSUM BOARD
W2	CORRIDOR/ UNIT SEPARATION- 1 HOUR RATED WALL UL U305 1 HOUR RATED 2"x4" WOOD STUDS @ 16" O.C. W/ 5/8" GYPSUM BOARD
W3	UNIT SEPARATION- 1 HOUR RATED WALL UL U305 1 HOUR RATED 2"x8" WOOD STUDS @ 16" O.C. W/ 5/8" GYPSUM BOARD
W4	UNIT NON-BEARING WALLS NOT RATED 2"x4" WOOD STUDS @ 16" O.C. W/ 5/8" GYPSUM BOARD
W5	UNIT MOISTURE RESISTANT WALLS NOT RATED 2"x4" WOOD STUDS @ 16" O.C. W/ 1/2" MOISTURE RESISTANT CEMENT BOARD
W5A	UNIT MOISTURE RESISTANT WALLS NOT RATED 2"x6" WOOD STUDS @ 16" O.C. W/ 1/2" MOISTURE RESISTANT CEMENT BOARD



THIRD FLOOR F.F.E.- DIMENSION PLAN

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



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

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THIRD FLOOR
DIMENSION
PLAN

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A1.4

2ND & 3RD FLOOR - APARTMENTS

408 - 410 MLK JR.
SAVANNAH, GA 31401



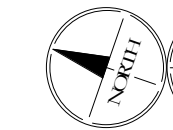
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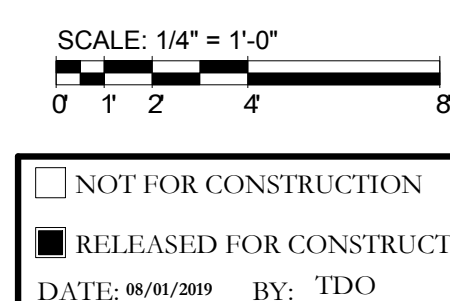
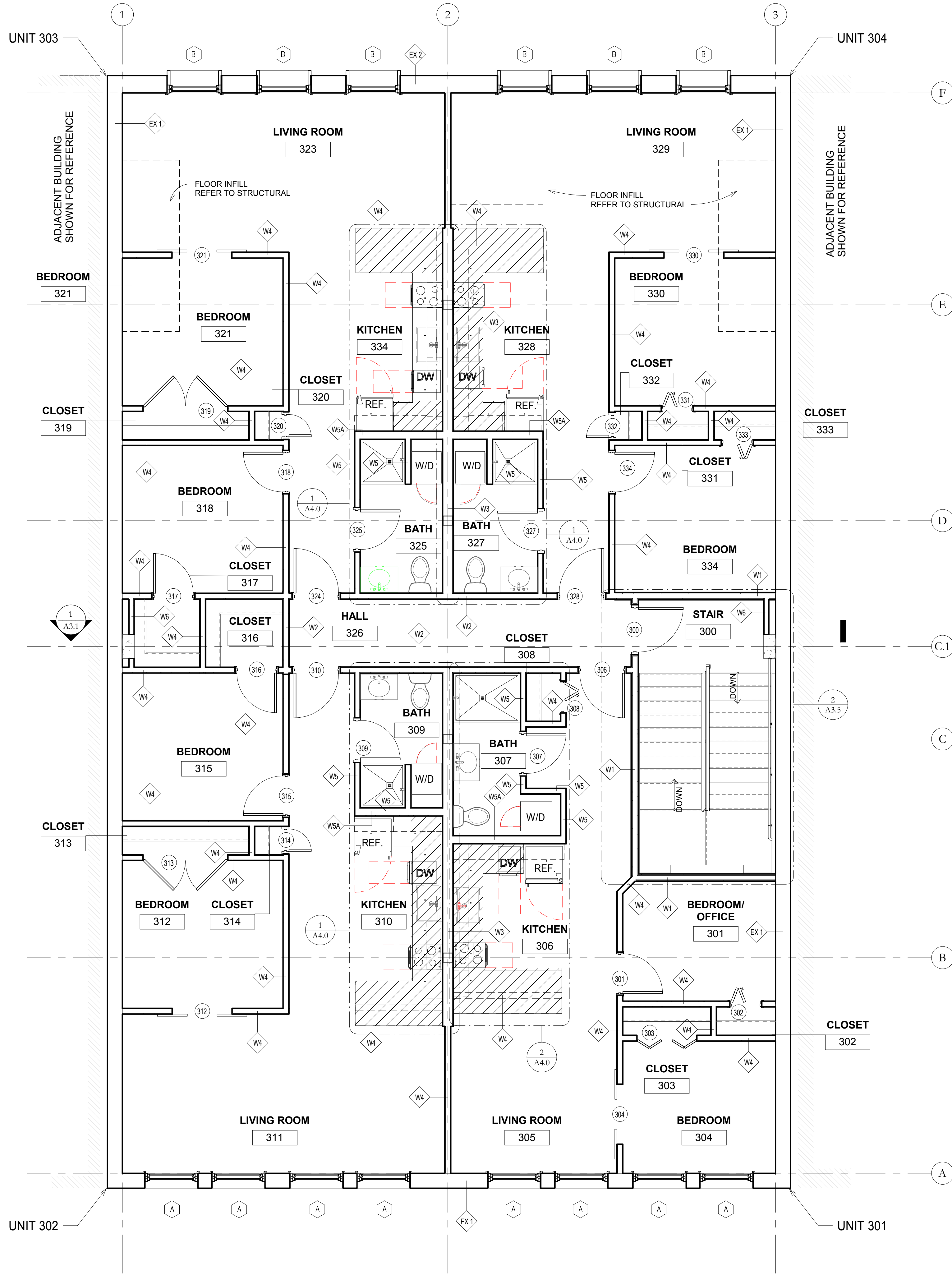
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1
A1.5

THIRD FLOOR F.F.E. -TAG PLAN
SCALE: 1/4" = 1'-0"



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WALL LEGEND

EX1	EXISTING BRICK WALL 1'-0" THICK
EX2	EXISTING BRICK WALL 1'-2" THICK
W1	STAIR ENCLOSURE- 2 HOUR RATED WALL U-389 2 HOUR RATED 2"x4" WOOD STUDS FIRESTOPPED @ 16" O.C. W/ 2 LAYERS 5/8" GYPSUM BOARD
W2	CORRIDOR/ UNIT SEPARATION- 1 HOUR RATED WALL UL U305 1 HOUR RATED 2"x4" WOOD STUDS @ 16" O.C. W/ 5/8" GYPSUM BOARD
W3	UNIT SEPARATION- 1 HOUR RATED WALL UL U305 1 HOUR RATED 2"x8" WOOD STUDS @ 16" O.C. W/ 5/8" GYPSUM BOARD
W4	UNIT NON-BEARING WALLS NOT RATED 2"x4" WOOD STUDS @ 16" O.C. W/ 5/8" GYPSUM BOARD
W5	UNIT MOISTURE RESISTANT WALLS NOT RATED 2"x4" WOOD STUDS @ 16" O.C. W/ 1/2" MOISTURE RESISTANT CEMENT BOARD
W6	UNIT MOISTURE RESISTANT WALLS NOT RATED 2"x6" WOOD STUDS @ 16" O.C. W/ 1/2" MOISTURE RESISTANT CEMENT BOARD

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DRAWING TITLE:
**THIRD FLOOR
TAG F.F.E.-
TAG PLAN**

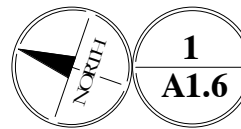
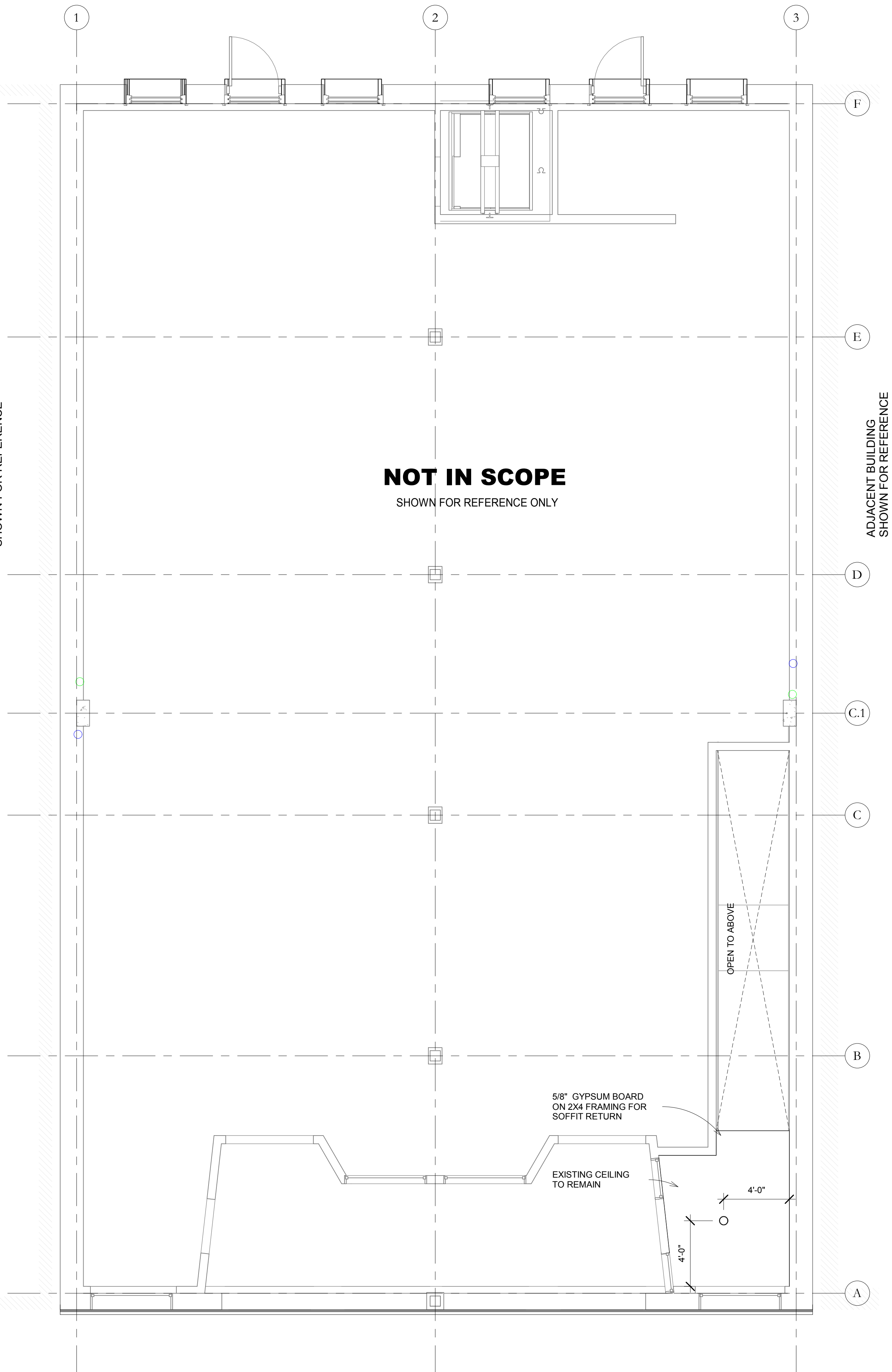
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CHECKED BY: TDO/RF
SHEET NO:
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2ND & 3RD FLOOR - APARTMENTS

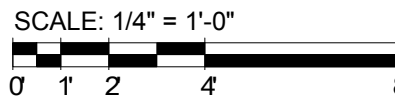
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FIRST FLOOR REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"



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CEILING FINISH LEGEND

GYPSUM BOARD CEILING ON JOISTS

ACOUSTICAL CEILING TILE (24" X 24") A.C.T.

METAL PANEL CEILING
(EXISTING CEILING TILES. INFILL TO MATCH EXISTING CEILING TILE)

CEILING TAG:

ROOM NAME

###

11

1'-0" A.F.F.

ROOM NAME

ROOM NUMBER

MATERIAL

ELEVATION

DRAWING NOTES:

- ASHRAE CODE SPECIFICALLY PROHIBITS INSTALLING INSULATION DIRECTLY OVER SUSPENDED CEILINGS WITH REMOVABLE CEILING PANELS.
- ALL PANELS TO BE NON-RATED ACOUSTICAL PANEL [24" X 24" - SQUARE LAY-IN]
- SEE FINISH SCHEDULE SHEET FOR ADDITIONAL CEILING REQUIREMENTS.
- ALL LIGHTS ARE TO BE CENTERED WITHIN CEILING UNLESS NOTED OTHERWISE.
- REFER TO ELECTRICAL PLAN FOR FIXTURE TYPE.

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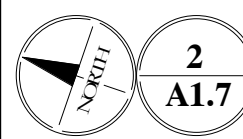
2ND & 3RD FLOOR - APARTMENTS

408 - 410 MLK JR.
SAVANNAH, GA 31401

DRAWING TITLE:
**FIRST FLOOR
REFLECTED
CEILING**

PROJECT NO: 180302.000
DATE: 08/01/2019
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DRAWN BY: RF
CHECKED BY: TDO/RF
SHEET NO:

A1.6



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



A1.7 SCALE: 1/4" = 1'-0"

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

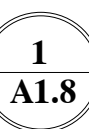
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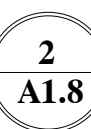
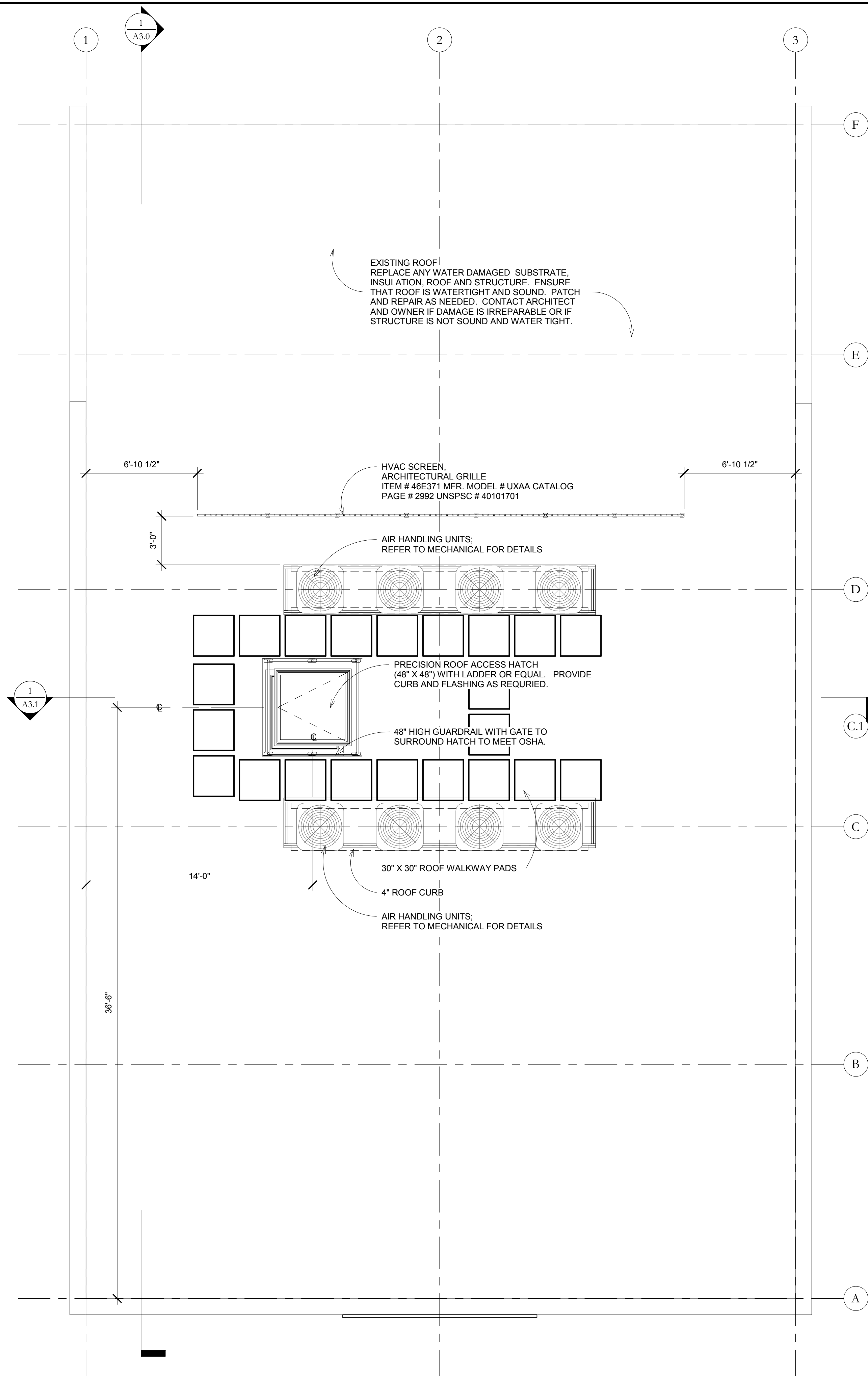
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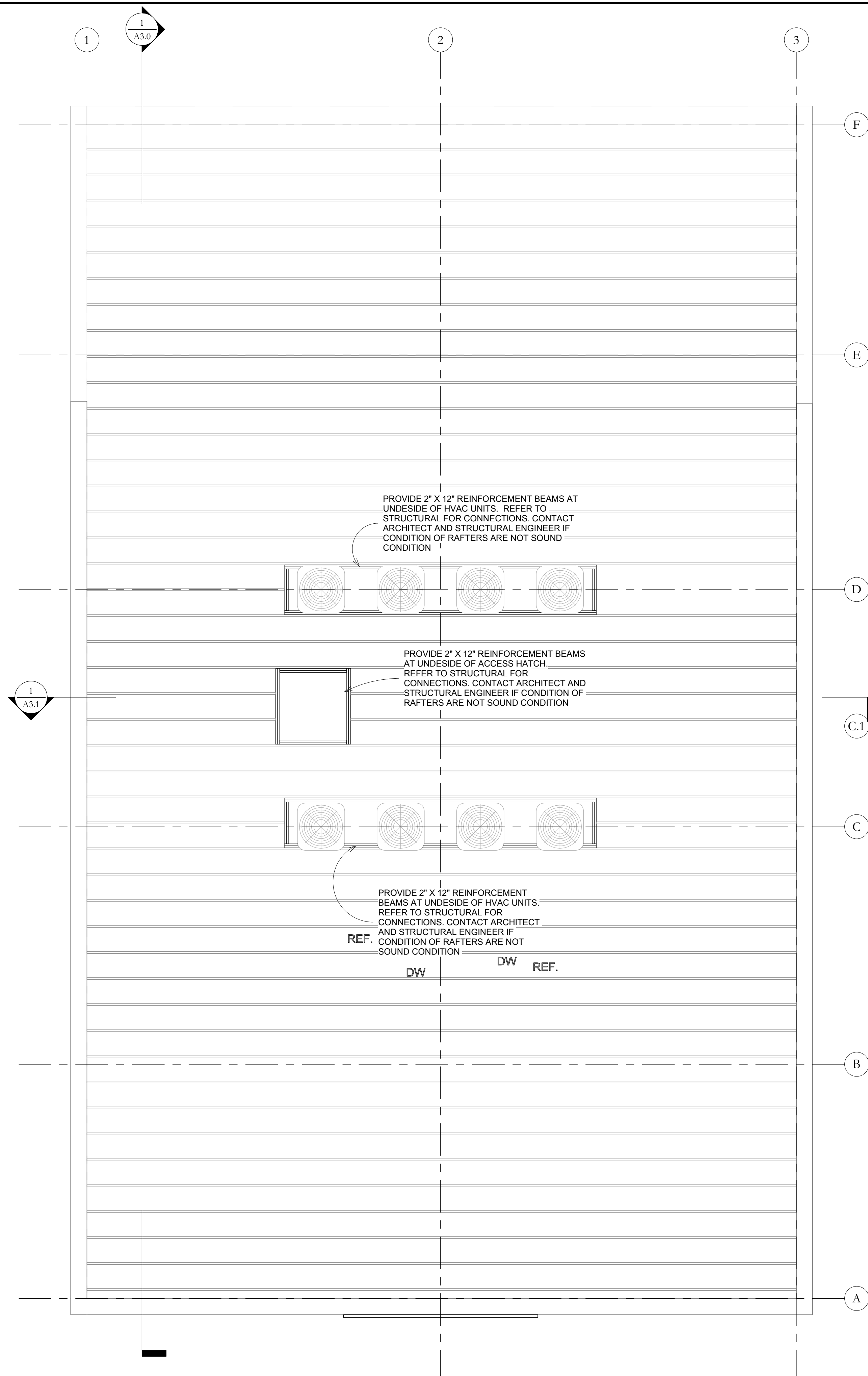
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ROOF
SCALE: 1/4" = 1'-0"



ROOF REINFORCEMENT FRAMING



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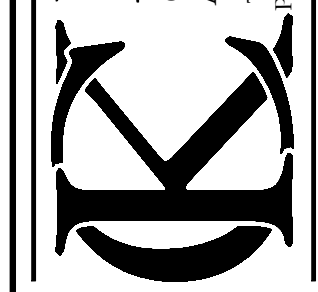
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A1.8

2ND & 3RD FLOOR - APARTMENTS

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1
A2.0

EXTERIOR ELEVATION - FRONT

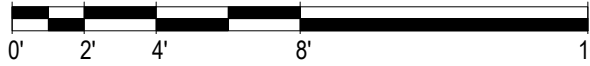
SCALE: 1/4" = 1'-0"

2
A2.0

EXTERIOR ELEVATION - REAR

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

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



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EXTERIOR
ELEVATIONS

PROJECT NO: 180302.000

DATE: 08/01/2019

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SHEET NO:

A2.0

2ND & 3RD FLOOR - APARTMENTS

408 - 410 MLK JR.
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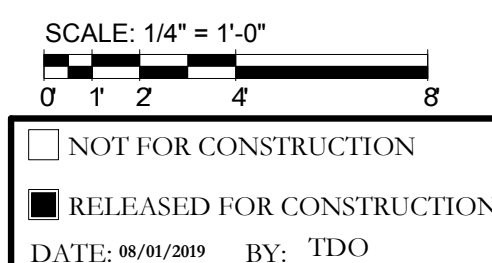
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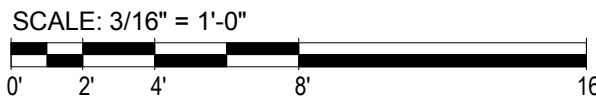
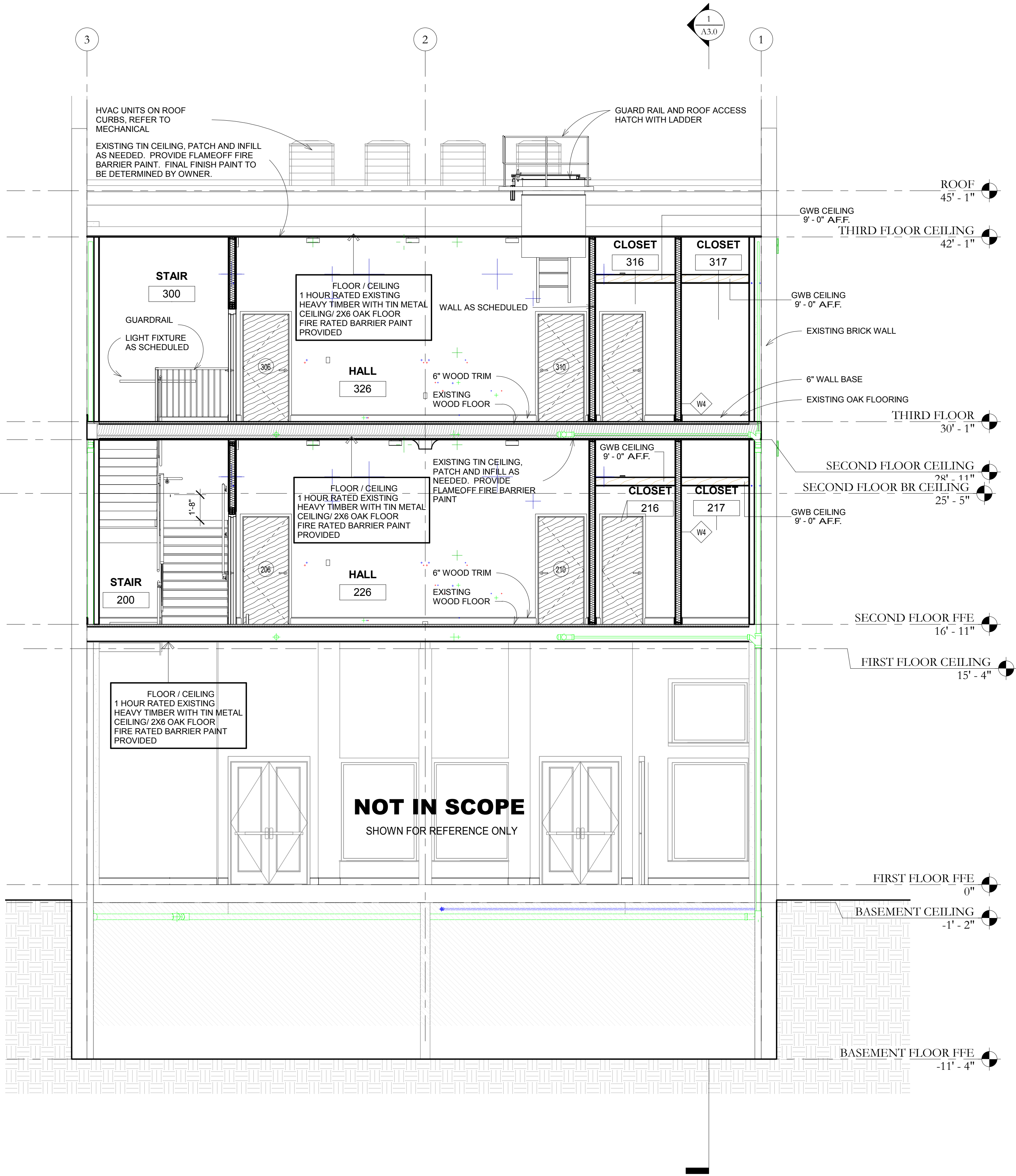
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CROSS SECTION
SCALE: 1/4" = 1'-0"



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BUILDING
SECTIONS

2ND & 3RD FLOOR - APARTMENTS

NO. DATE REVISION

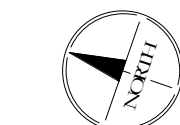
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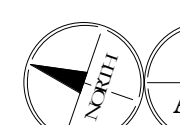
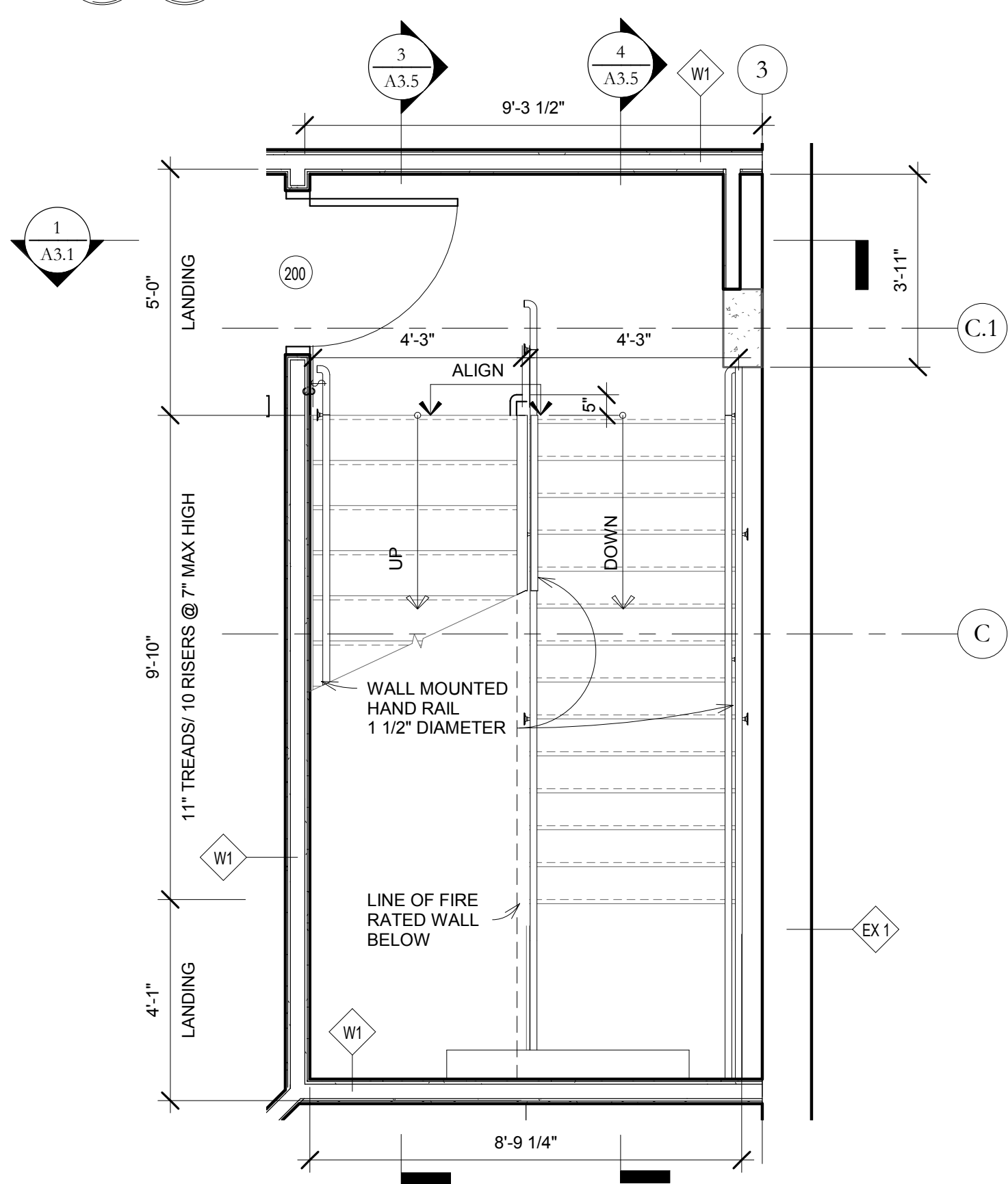


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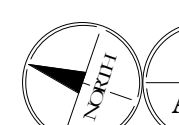
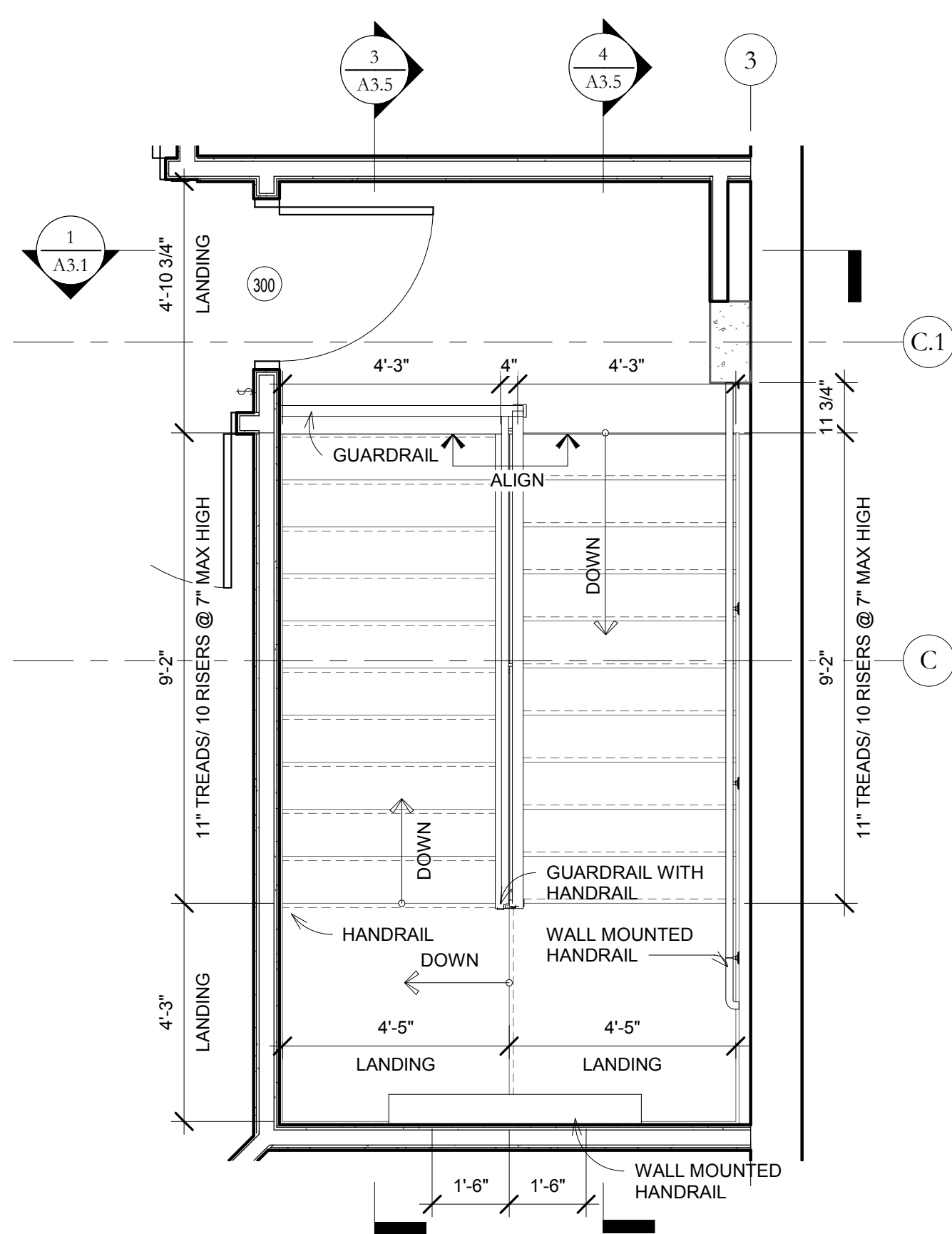
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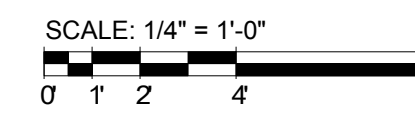
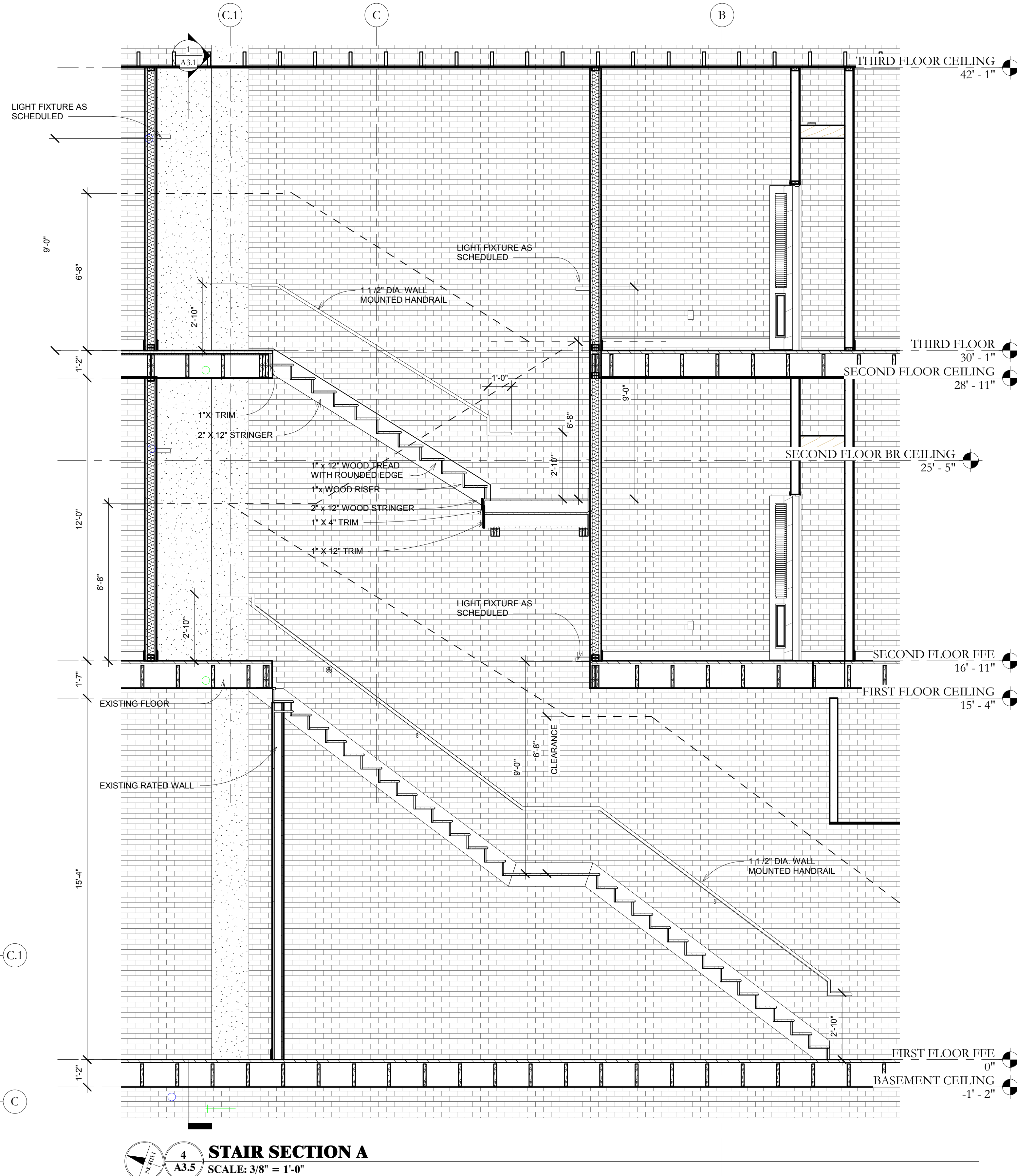
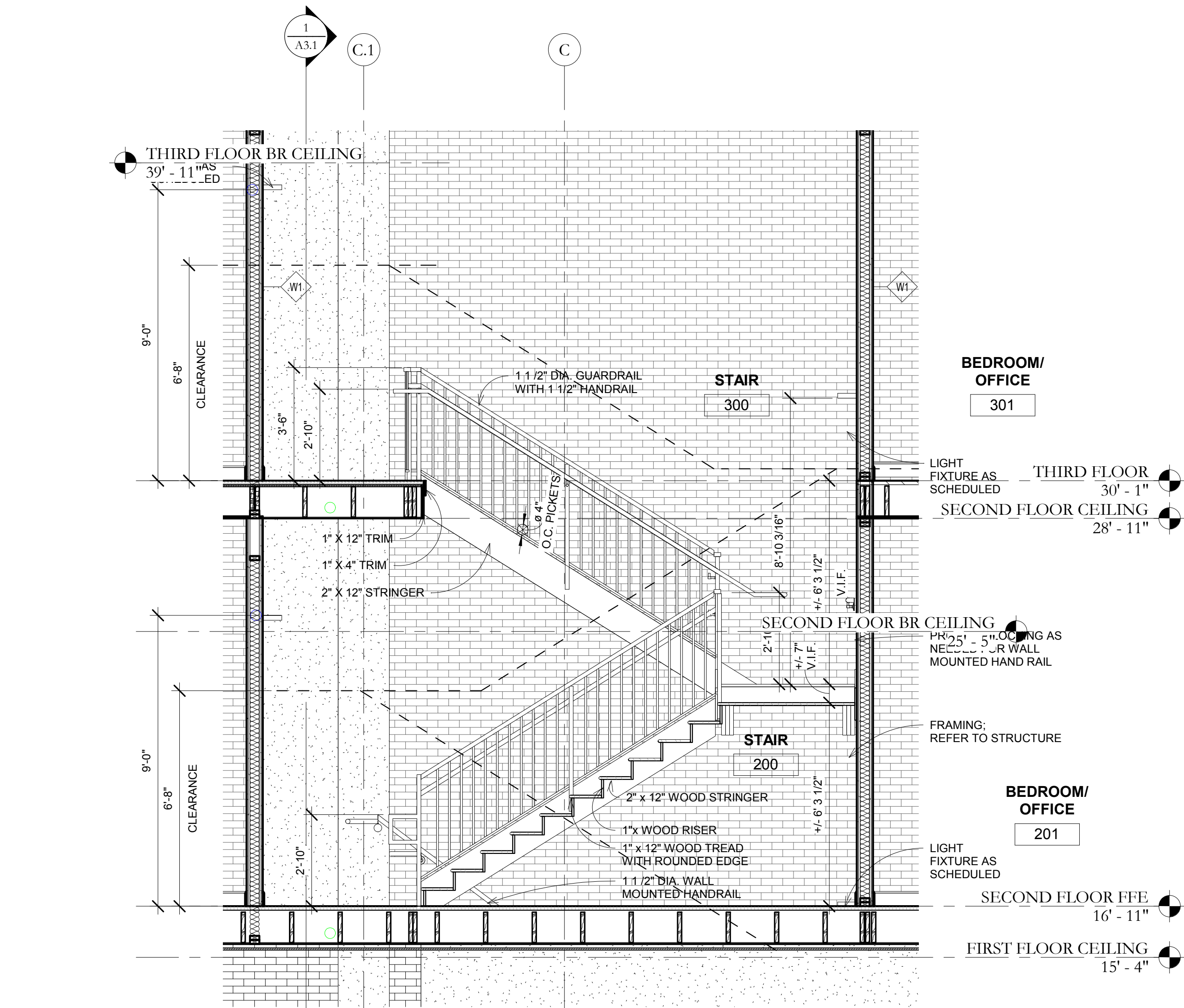
3
A3.5
STAIR SECTION B
SCALE: 3/8" = 1'-0"



1
A3.5
SECOND FLOOR ENLARGED PLAN - STAIR 200
SCALE: 3/8" = 1'-0"



2
A3.5
THIRD FLOOR ENLARGED PLAN - STAIR 300
SCALE: 3/8" = 1'-0"



SCALE: 1/4" = 1'-0"
0 1 2 4 8
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STAIR DETAIL
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DATE: 08/01/2019
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A3.5

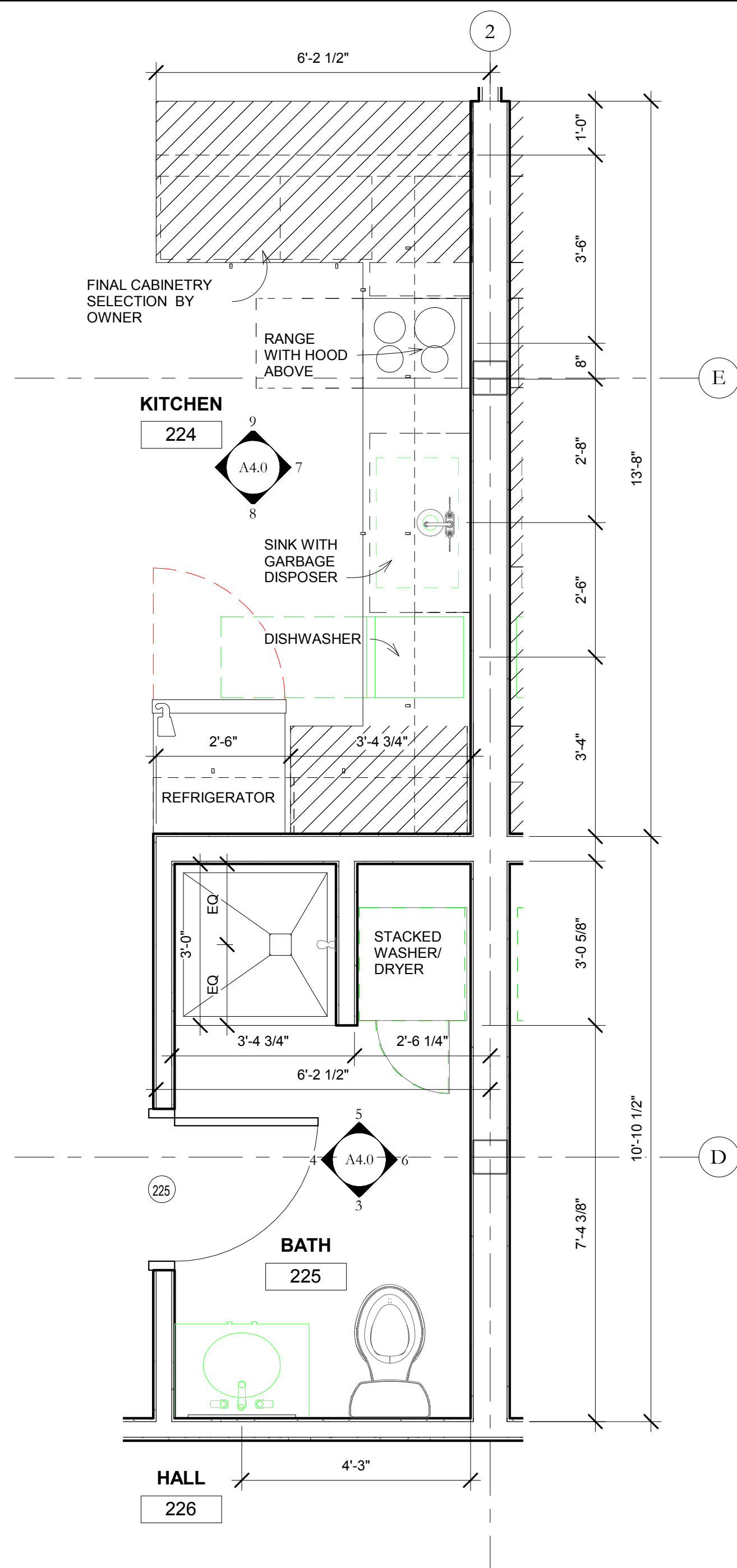
2ND & 3RD FLOOR - APARTMENTS

STAMP:

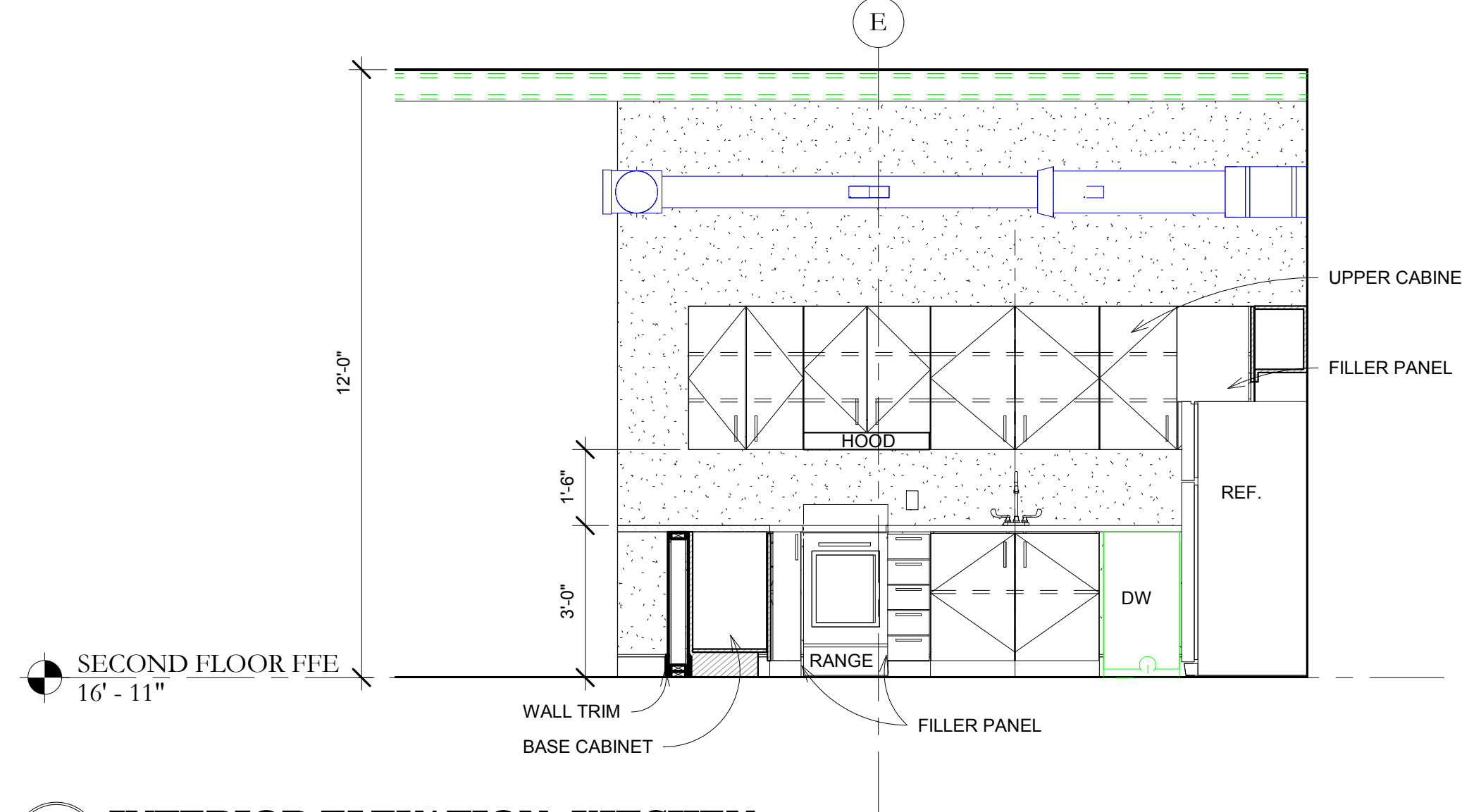
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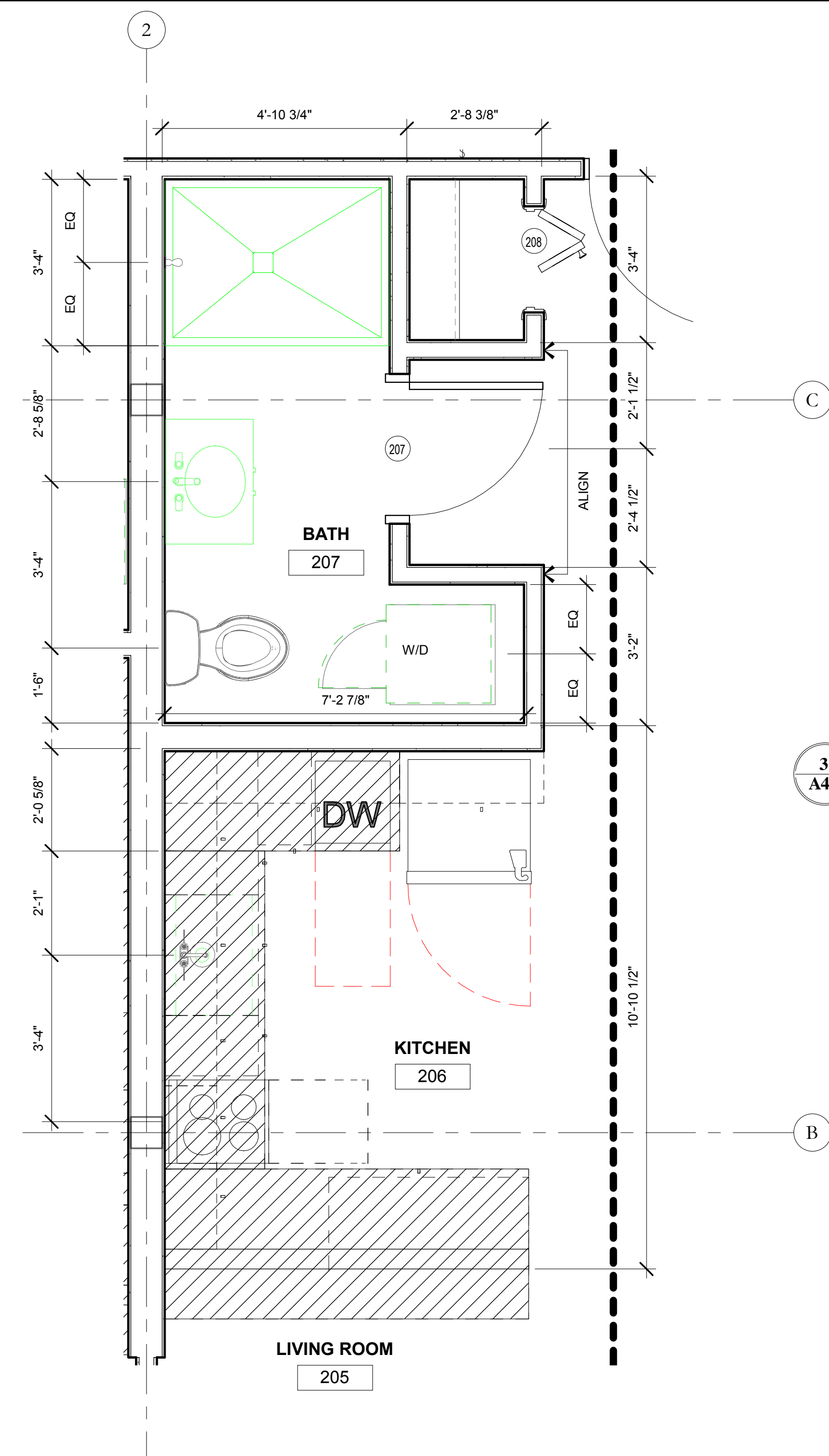
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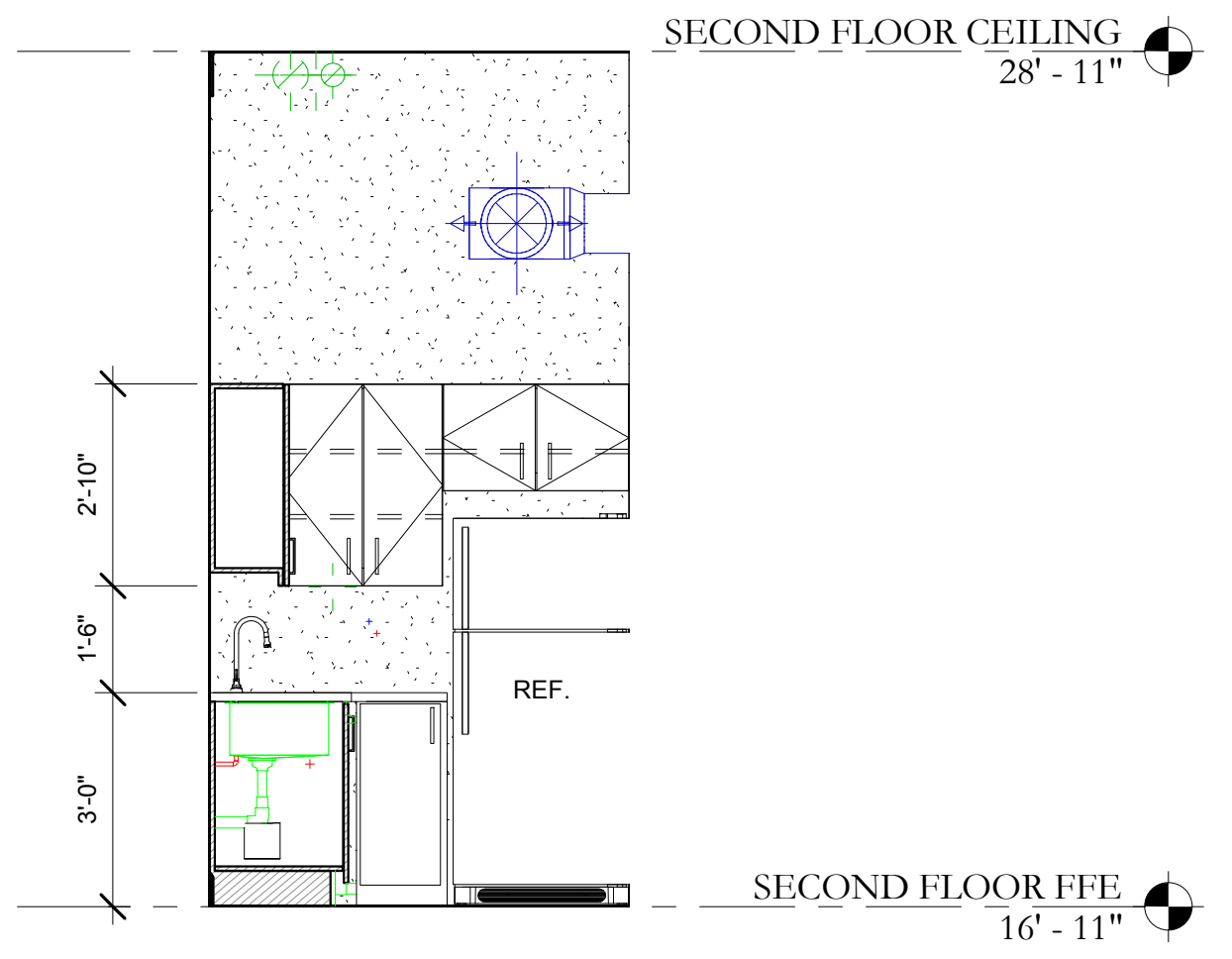
1 ENLARGED FLOOR PLAN- KITCHEN AND RESTROOM
A4.0 SCALE: 1/2" = 1'-0"
SIMILAR UNITS: 224, 225, 227, 228, 324, 325, 327, 328
*REFER TO OVERALL FLOOR PLANS FOR DIMENSIONS PER UNIT.



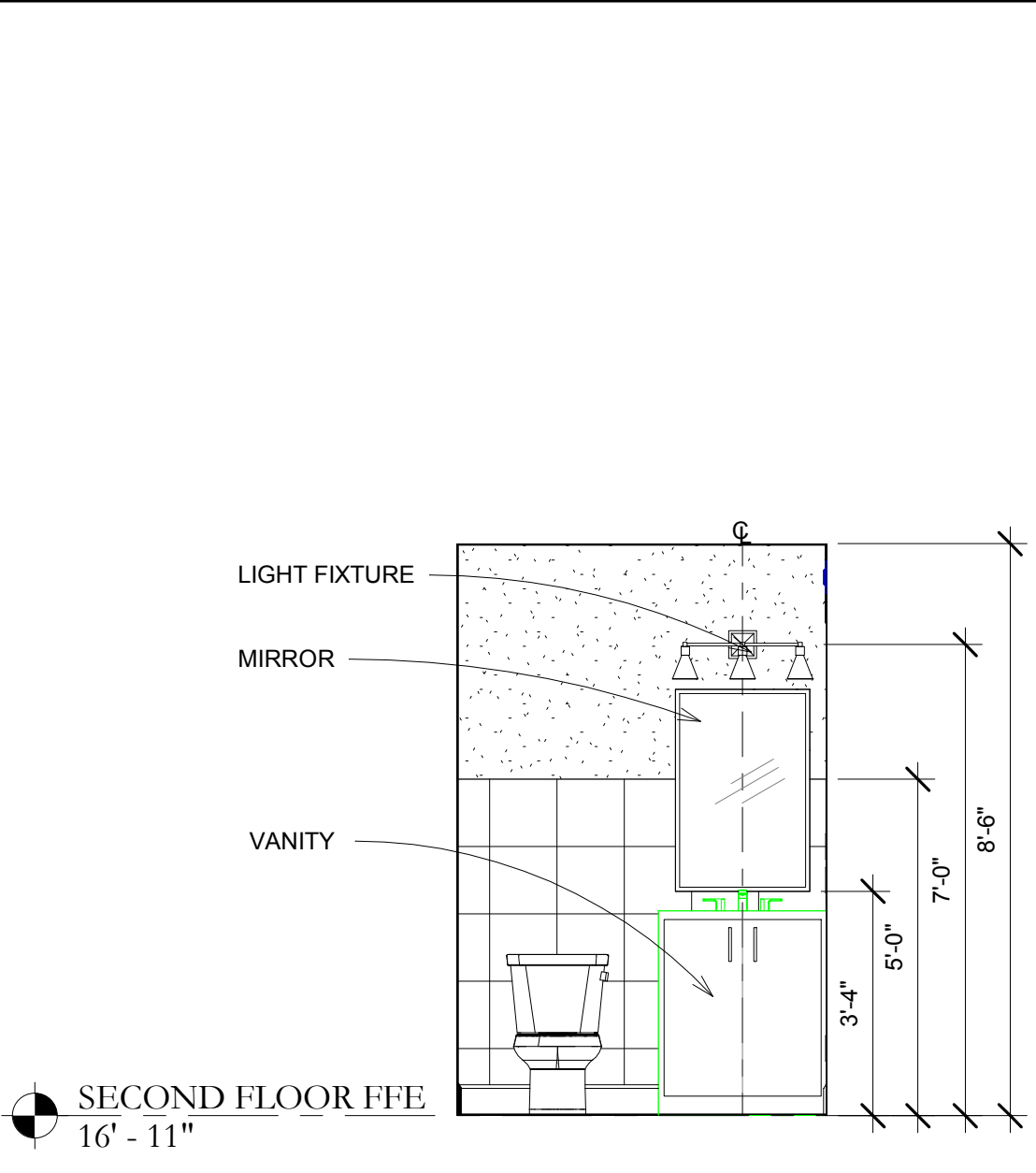
7 INTERIOR ELEVATION- KITCHEN
A4.0 SCALE: 3/8" = 1'-0"



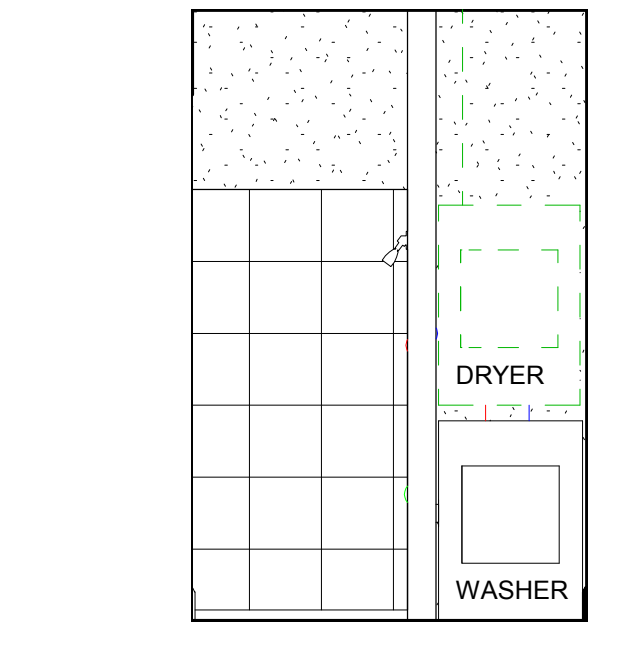
2 ENLARGED FLOOR PLAN- KITCHEN AND RESTROOM
A4.0 SCALE: 1/2" = 1'-0"
SIMILAR UNITS: 206, 207, 306, 307
*REFER TO OVERALL FLOOR PLANS FOR DIMENSIONS PER UNIT.



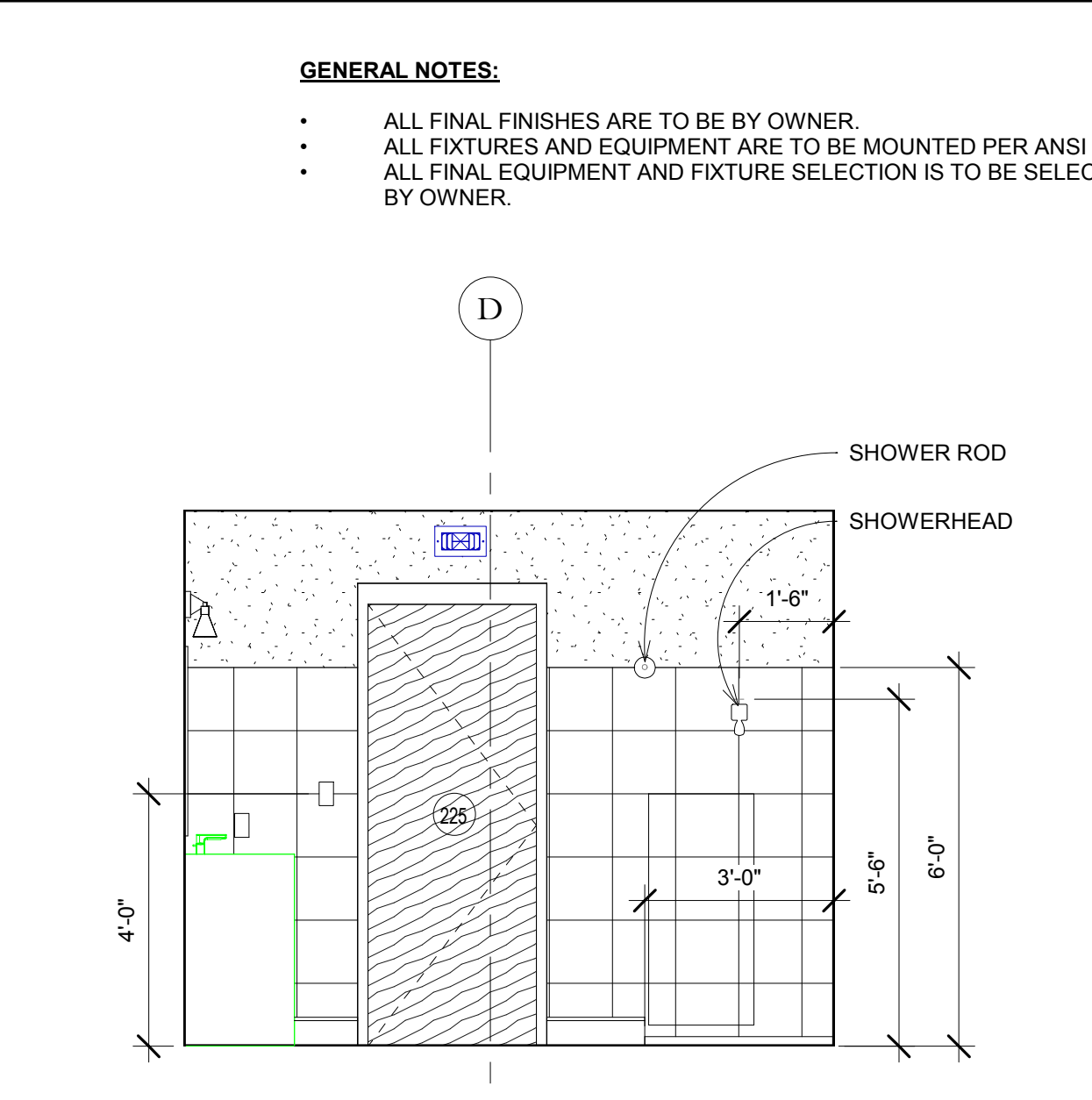
8 INTERIOR ELEVATION - KITCHEN
A4.0 SCALE: 3/8" = 1'-0"



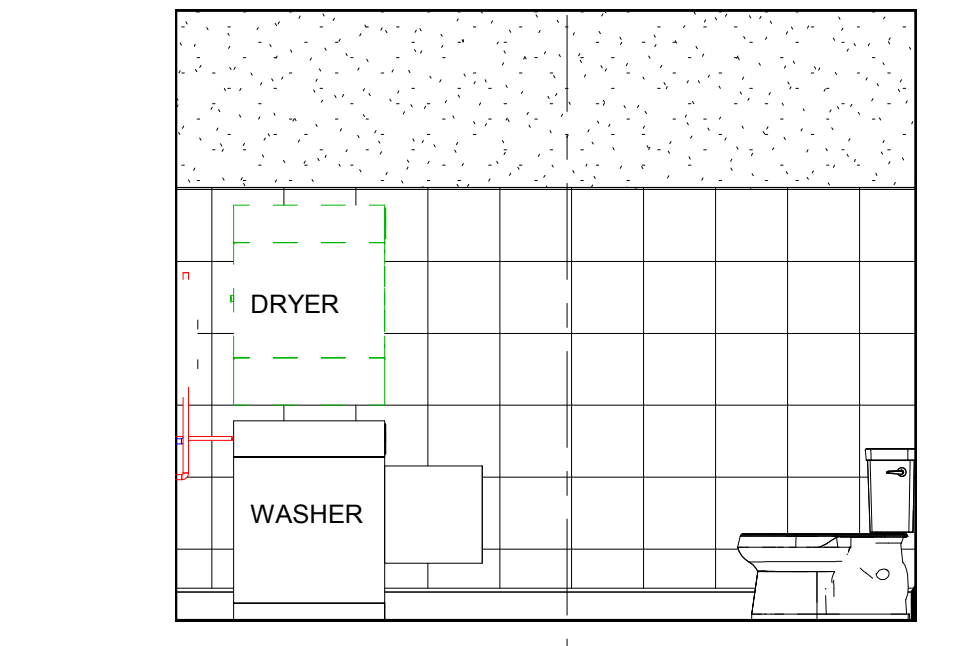
3 INTERIOR ELEVATION - BATHROOM
A4.0 SCALE: 3/8" = 1'-0"



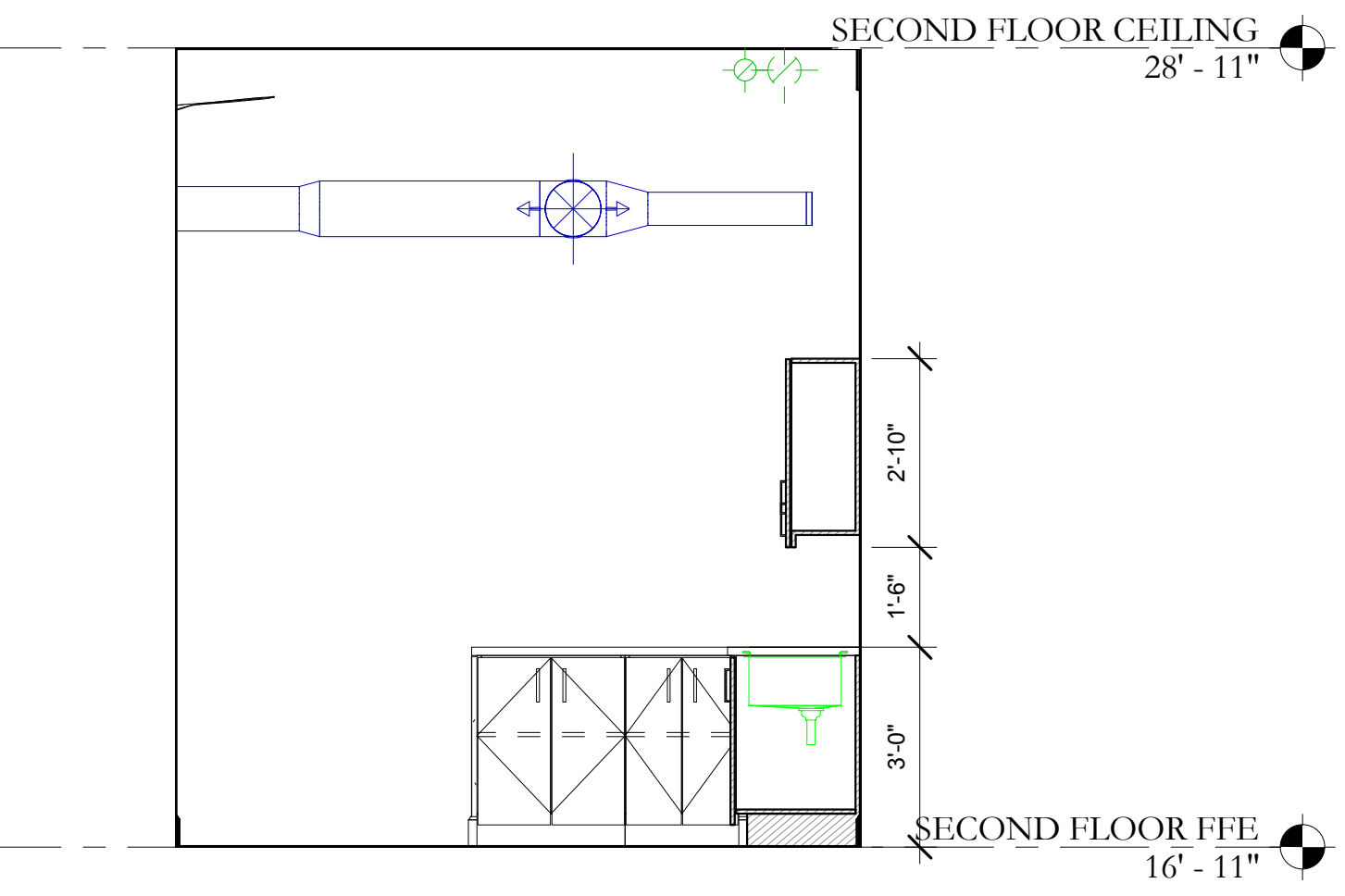
5 INTERIOR ELEVATION- BATHROOM
A4.0 SCALE: 3/8" = 1'-0"



4 INTERIOR ELEVATION- BATHROOM
A4.0 SCALE: 3/8" = 1'-0"



6 INTERIOR ELEVATION- BATHROOM
A4.0 SCALE: 3/8" = 1'-0"



9 INTERIOR ELEVATION- KITCHEN
A4.0 SCALE: 3/8" = 1'-0"

GENERAL NOTES:

- ALL FINAL FINISHES ARE TO BE BY OWNER.
- ALL FIXTURES AND EQUIPMENT ARE TO BE MOUNTED PER ANSI 117.1.
- ALL FINAL EQUIPMENT AND FIXTURE SELECTION IS TO BE SELECTED BY OWNER.

SCALE: 1/4" = 1'-0"
0 1 2 4 8
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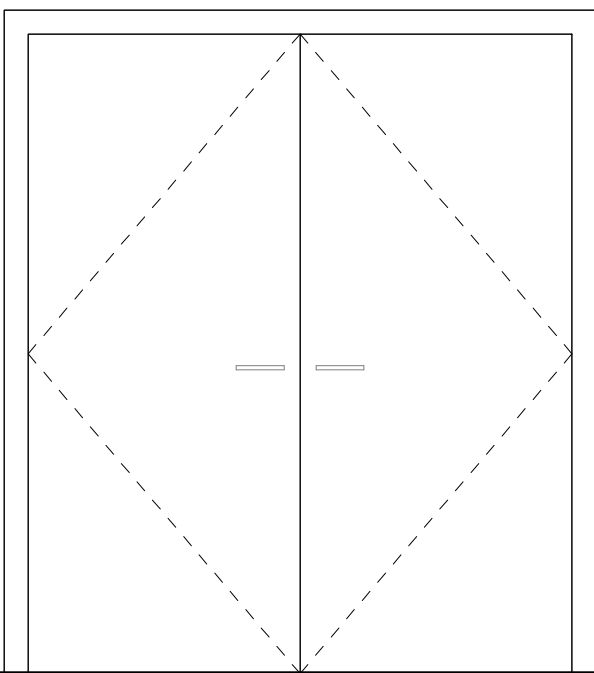
NO.	DATE	REVISION

2ND & 3RD FLOOR - APARTMENTS

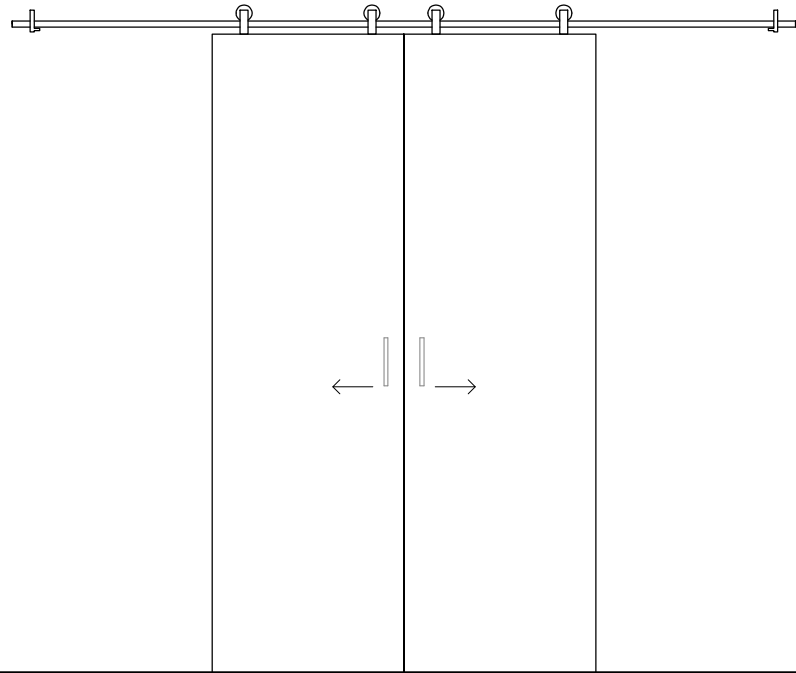
INTERIOR ELEVATIONS

PROJECT NO: 180302.000
DATE: 08/01/2019
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DRAWN BY: RF
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SHEET NO:
A4.0

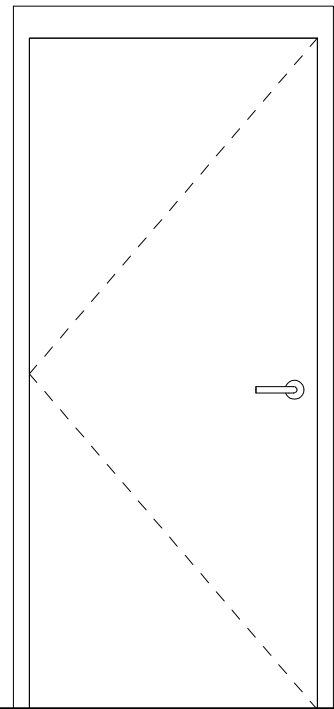
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DOOR NUMBER	DOOR TYPE	DOOR LEAF	DOOR SIZE			GLAZIN G	FRAME TYPE	FIRE LABEL	DETAILS			HARDWAR E	REMARKS	
			WIDTH	HEIGHT	THICK				HEAD	JAMB	SILL			
FIRST FLOOR FFE														
EX	WOOD FRAME	SINGLE	3' - 0"	8' - 0"	1 3/4"	EXISTING		1 HR	EXISTING	EXISTING	EXISTING SILL	EXISTING	TO BE REPROGRAMMED. COORDINATE WITH OWNER	
SECOND FLOOR FFE														
200	HOLLOW METAL	SINGLE	3' - 0"	7' - 0"	1 3/4"	-	HOLLOW METAL FRAME	1 HR	--	-	-	HW #3		
201	SOLID CORE WOOD	SINGLE	2' - 8"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #2		
202	WOOD PANEL	SINGLE (BI-FOLD)	2' - 0"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #4		
203	WOOD PANEL	PAIR (BI-FOLD)	4' - 0"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #4		
204	WOOD PANEL	PAIR (BARN)	4' - 0"	6' - 8"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #4		
206	HOLLOW METAL	SINGLE	3' - 0"	7' - 0"	1 3/4"	-	HOLLOW METAL FRAME	1 HR	-	-	-	HW #1		
207	SOLID CORE WOOD	SINGLE	2' - 8"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	1/2" HIGH MAX TRANSITION STRIP	HW #2		
208	WOOD PANEL	SINGLE (BI-FOLD)	2' - 0"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #4		
209	SOLID CORE WOOD	SINGLE	2' - 8"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	1/2" HIGH MAX TRANSITION STRIP	HW #2		
210	HOLLOW METAL	SINGLE	3' - 0"	7' - 0"	1 3/4"	-	HOLLOW METAL FRAME	1 HR	-	-	-	HW #1		
212	WOOD PANEL	PAIR (BARN)	4' - 0"	6' - 8"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #4		
213	WOOD PANEL	PAIR	5' - 8"	6' - 8"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #5		
214	WOOD PANEL	SINGLE	1' - 6"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #5		
215	SOLID CORE WOOD	SINGLE	2' - 8"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #2		
216	SOLID CORE WOOD	SINGLE	2' - 8"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #5		
217	SOLID CORE WOOD	SINGLE	2' - 8"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #5		
218	SOLID CORE WOOD	SINGLE	2' - 8"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #2		
219	WOOD PANEL	PAIR	5' - 8"	6' - 8"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #5		
220	WOOD PANEL	SINGLE	1' - 6"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #5		
221	WOOD PANEL	PAIR (BARN)	4' - 0"	6' - 8"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #4		
224	HOLLOW METAL	SINGLE	3' - 0"	7' - 0"	1 3/4"	-	HOLLOW METAL FRAME	1 HR	-	-	-	HW #1		
225	SOLID CORE WOOD	SINGLE	2' - 8"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	1/2" HIGH MAX TRANSITION STRIP	HW #2		
227	SOLID CORE WOOD	SINGLE	2' - 8"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	1/2" HIGH MAX TRANSITION STRIP	HW #2		
228	HOLLOW METAL	SINGLE	3' - 0"	7' - 0"	1 3/4"	-	HOLLOW METAL FRAME	1 HR	-	-	-	HW #1		
230	WOOD PANEL	PAIR (BI-FOLD)	4' - 0"	6' - 8"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #4		
231	WOOD PANEL	SINGLE (BI-FOLD)	2' - 0"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #4		
232	WOOD PANEL	SINGLE	1' - 6"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #5		
233	WOOD PANEL	SINGLE (BI-FOLD)	2' - 0"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #4		
234	SOLID CORE WOOD	SINGLE	2' - 8"	7' - 0"	1 3/4"	-	HOLLOW METAL FRAME	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #2		
THIRD FLOOR														
300	HOLLOW METAL	SINGLE	3' - 0"	7' - 0"	1 3/4"	-	HOLLOW METAL FRAME	1 HR	-	-	-	HW #3		
301	SOLID CORE WOOD	SINGLE	2' - 8"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #2		
302	WOOD PANEL	SINGLE (BI-FOLD)	2' - 0"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #4		
303	WOOD PANEL	PAIR (BI-FOLD)	4' - 0"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #4		
304	WOOD PANEL	PAIR (BARN)	4' - 0"	6' - 8"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #4		
306	HOLLOW METAL	SINGLE	3' - 0"	7' - 0"	1 3/4"	-	HOLLOW METAL FRAME	1 HR	-	-	-	HW #1		
307	SOLID CORE WOOD	SINGLE	2' - 8"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	1/2" HIGH MAX TRANSITION STRIP	HW #2		
308	WOOD PANEL	SINGLE (BI-FOLD)	2' - 0"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #4		
309	SOLID CORE WOOD	SINGLE	2' - 8"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	1/2" HIGH MAX TRANSITION STRIP	HW #2		
310	HOLLOW METAL	SINGLE	3' - 0"	7' - 0"	1 3/4"	-	HOLLOW METAL FRAME	1 HR	-	-	-	HW #1		
312	WOOD PANEL	PAIR (BARN)	4' - 0"	6' - 8"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #4		
313	WOOD PANEL	PAIR	5' - 8"	6' - 8"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #5		
314	WOOD PANEL	SINGLE	1' - 6"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #5		
315	SOLID CORE WOOD	SINGLE	2' - 8"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #2		
316	SOLID CORE WOOD	PAIR (BARN)	2' - 8"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #5		
317	SOLID CORE WOOD	PAIR	2' - 8"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #5		
318	SOLID CORE WOOD	SINGLE	2' - 8"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #2		
319	WOOD PANEL	PAIR	5' - 8"	6' - 8"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #5		
320	WOOD PANEL	SINGLE	1' - 6"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #5		
321	WOOD PANEL	PAIR (BARN)	4' - 0"	6' - 8"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #4		
324	HOLLOW METAL	SINGLE	3' - 0"	7' - 0"	1 3/4"	-	HOLLOW METAL FRAME	1 HR	-	-	1/2" HIGH MAX TRANSITION STRIP	HW #1		
325	SOLID CORE WOOD	SINGLE	2' - 8"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	1/2" HIGH MAX TRANSITION STRIP	HW #2		
327	SOLID CORE WOOD	SINGLE	2' - 8"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #2		
328	HOLLOW METAL	SINGLE	3' - 0"	7' - 0"	1 3/4"	-	HOLLOW METAL FRAME	1 HR	-	-	-	HW #1		
330	WOOD PANEL	PAIR (BI-FOLD)	4' - 0"	6' - 8"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #4		
331	WOOD PANEL	SINGLE (BI-FOLD)	2' - 0"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #4		
332	WOOD PANEL	SINGLE	1' - 6"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #5		
333	WOOD PANEL	SINGLE (BI-FOLD)	2' - 0"	7' - 0"	1 3/4"	-	WOOD	-	1" X 6 " WOOD TRIM	1" X 6 " WOOD TRIM	-	HW #4		
334	SOLID CORE WOOD	SINGLE	2' - 8"	7' - 0"	1 3/4"	-	HOLLOW METAL FRAME	-	-	-	-	HW #2		
ROOF														
400	HOLLOW METAL DOOR	ACCESS HATCH	4' - 0"	1' - 0 19/32"		-	HOLLOW METAL FRAME	1 HR	-	-	-	BY MANUFACTURER		



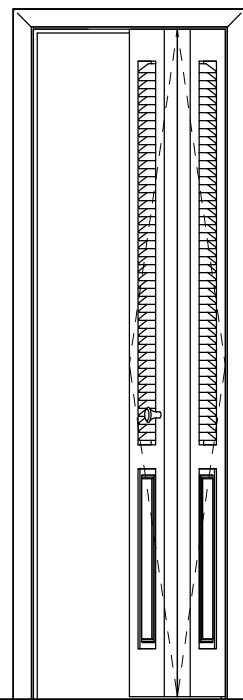
WOOD FRENCH DOOR
①



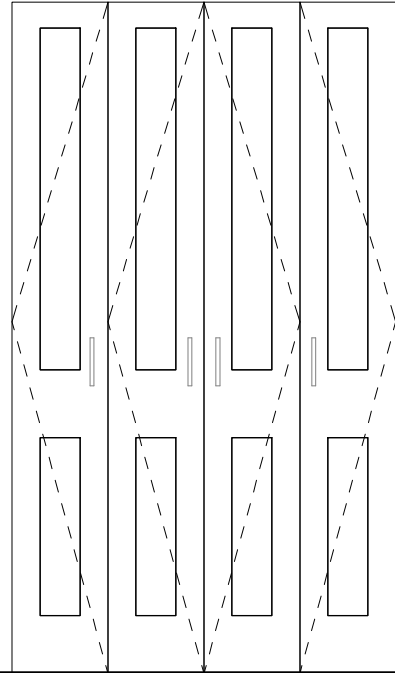
SOLID CORE WOOD DOUBLE SLIDING DOOR
⑥



HOLLOW METAL
⑧



SOLID CORE WOOD
⑨



SOLID CORE WOOD
⑨

HARDWARE SET

- HW1
EXIT (UNIT)
TUMBLE LOCKSET
PANIC EXIT HARDWARE
DOOR STOP
SILENCER
CLOSER
- HW2
LOCKSET (BEDROOM/ BATHROOM)
LOCKSET
SILENCER
DOOR STOP
- HW3
ACCESS CONTROL (STAIR)
ACCESS CONTROL SYSTEM O.F.O.I.
ELECTRONIC STRIKE
CLOSER
SILENCER
PASSAGE SET
DOOR STOP
PANIC BARS - CONCEALED VERT.
- HW4
PULL (BARN/ BI-FOLD CLOSET)
PULL BAR
SILENCER
TRACK SET
- HW5
PASSAGE SET (CLOSET)
PASSAGE SET

GENERAL NOTES

1. FINAL DOOR HARDWARE SELECTION IS TO BE BY OWNER.
2. FINAL DOOR SELECTION AND MATERIAL IS BY OWNER. DOOR MUST MEET REQUIRED RATING.
3. RATED DOORS MSUT PROVIDE UL INFORMATION AS REQUIRED BY CODE.

GENERAL NOTES

- CLOSER AND THRESHOLD REQUIREMENTS:
1. IF A DOOR HAS A CLOSER, THEN THE SWEEP PERIOD OF THE CLOSER SHALL BE ADJUSTED SO THAT FROM AND OPEN POSITION OF 70 DEGREEES, THE DOOR WILL TAKE AT LEAST 3 SECOND TO MOVE TO A POINT 3" FROM THE LATCH, MEASURED TO THE LEADING EDGE OF THE DOOR.
2. THE MAXIMUM FORCE FOR PUSHING OR PULLING OPEN A DOOR SHALL BE AS FOLLOWS:
a. FIRE DOORS SHALL HAVE THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY.
b. OTHER DOORS: (PER LOCAL CODES)
i. EXTERIOR HINGED DOORS: 30 LBS.
ii. INTERIOR HINGED DOORS: 5LBF (22.2N)
iii. SLIDING OR FOLDING DOORS: 5LBF (22.2N)
- THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISENGAGE OTHER DEVICES THAT MAY HOLD THE DOOR IN A CLOSED POSITION.
- THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 1/2". RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.
- DOOR CLOSER MAXIMUM OPENING FORCE SHALL NOT EXCEED 8.5 POUNDS FOR EXTERIOR AND 5 POUNDS FOR INTERIOR DOORS.
- DOOR HANDLES SHALL BE MOUNTED AT 36" A.F.F. (EASY TO GRASP LEVER TYPE PER ADA REQUIREMENTS) EXCEPT AT ACCESSIBLE STALLS WHICH SHALL BE MOUNTED AT 34" A.F.F.
- ALL DOORS ALONG INTERIOR ACCESSIBLE ROUTES SHALL BE 36" WIDE DOORS (34" CLEAR WITH DOOR OPEN 90 DEGREEES).
- DOOR CLOSERS AND EXIT DEVICES
SURFACE-MOUNTED CLOSERS AND EXIT DEVICES ARE SUITABLE FOR FIRE DOORS IN SINGLES AND PAIRS. SURFACE-MOUNTED DOOR CLOSERS AND EXIT DEVICES MUST BE INSTALLED WITH THROUGH BOLTS. UNLESS DOORS ARE ORDERED WITH HEAVY DUTY REINFORCEMENT AT THE TOP RAIL AND/OR LOCK BLOCK POSITIONS. PROPER TESTING HAS BEEN CONDUCTED TO VERIFY THAT SCREWS ARE SUITABLE WITH THIS REINFORCEMENT IN THE DOOR. SELF TAPPING OR COMBINATION WOOD/METAL SCREWS SHOULD NOT BE USED.
- LOCK SETS FOR FIRE DOORS
LOCK AND LATCHSETS WITH 1/2" BOLT THROW (OR GREATER) AS LISTED BY UNDERWRITERS LABORATORIES MUST BE SPECIFIED. IT IS RECOMMENDED THAT LOCKSETS WITH SCREWLESS ROSES BE USED TO AVOID THE PROBLEM OF VERY SHORT ROSE ATTACHMENT SCREWS THAT MAY IN TIME WORK LOOSE.



STAMP:

STAMP:

NO. DATE REVISION

2ND & 3RD FLOOR - APARTMENTS

DOOR & HARDWARE SCHEDULES

PROJECT NO: 180302.000
DATE: 06/01/2019
DESIGN BY: TDO/RF
DRAWN BY: RF
CHECKED BY: TDO/RF
SHEET NO:

A6.0

☐ NOT FOR CONSTRUCTION
☒ RELEASED FOR CONSTRUCTION
DATE: 06/01/2019 BY: TDO

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FINISH SCHEDULE


ROOM		FLOOR FINISHES		WALL FINISHES				CEILING		SOUND INSULATION	REMARKS
NO.	NAME	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	FINISH	HEIGHT		
FIRST FLOOR FFE											
100	ENTRY	TILE/ WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	BRICK/ PLASTER	STOREFRONT/ GYPSUM BOARD PAINT	GYPSUM BOARD/ PAINT	9'-0" A.F.F.	N/A	EXISTING SPACE. PRIME AND PAINT AS NEEDED. FINAL SELECTION BY OWNER
SECOND FLOOR FFE											
200	STAIR	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	BRICK/ PLASTER	GYPSUM BOARD/ PAINT		OPEN		
201	BEDROOM/ OFFICE	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	BRICK/ PLASTER	GYPSUM BOARD/ PAINT	EXISTING TIN CEILING/ PAINT	12'-0" A.F.F.		
202	CLOSET	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	GYPSUM BOARD/ PAINT	9'-0" A.F.F.		
203	CLOSET	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	GYPSUM BOARD/ PAINT	9'-0" A.F.F.		
204	BEDROOM	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
205	LIVING ROOM	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
206	KITCHEN	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
207	BATH	TILE	6" TILE BASE	TILE/ GYP. BD. PAINT ABOVE	TILE/ GYP. BD. PAINT ABOVE	TILE/ GYP. BD. PAINT ABOVE	TILE/ GYP. BD. PAINT ABOVE	GYPSUM BOARD/ PAINT	8'-6" A.F.F.	YES	
208	CLOSET	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT	9'-0" A.F.F.		
209	BATH	TILE	6" TILE BASE	TILE/ GYP. BD. PAINT ABOVE	TILE/ GYP. BD. PAINT ABOVE	TILE/ GYP. BD. PAINT ABOVE	TILE/ GYP. BD. PAINT ABOVE	GYPSUM BOARD/ PAINT	8'-6" A.F.F.	YES	
210	KITCHEN	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
211	LIVING ROOM	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
212	BEDROOM	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
213	CLOSET	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT	9'-0" A.F.F.		
214	CLOSET	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
215	BEDROOM	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
216	CLOSET	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
217	CLOSET	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
218	BEDROOM	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
219	CLOSET	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
220	CLOSET	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
221	BEDROOM	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
223	LIVING ROOM	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
224	KITCHEN	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
225	BATH	TILE	6" TILE BASE	TILE/ GYP. BD. PAINT ABOVE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
226	HALL	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
227	BATH	TILE	6" TILE BASE	TILE/ GYP. BD. PAINT ABOVE	TILE/ GYP. BD. PAINT ABOVE	TILE/ GYP. BD. PAINT ABOVE	TILE/ GYP. BD. PAINT ABOVE	GYPSUM BOARD/ PAINT	8'-6" A.F.F.		
228	KITCHEN	WOOD	6" WOOD BASE	TILE/ GYP. BD. PAINT ABOVE	TILE/ GYP. BD. PAINT ABOVE	TILE/ GYP. BD. PAINT ABOVE	TILE/ GYP. BD. PAINT ABOVE	GYPSUM BOARD/ PAINT	8'-6" A.F.F.		
229	LIVING ROOM	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
230	BEDROOM	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
231	CLOSET	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
232	CLOSET	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
233	CLOSET	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
234	BEDROOM	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
THIRD FLOOR											
300	STAIR	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	BRICK/ PLASTER	GYPSUM BOARD/ PAINT	PAINT	OPEN		
301	BEDROOM/ OFFICE	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
302	CLOSET	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
303	CLOSET	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
304	BEDROOM	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
305	LIVING ROOM	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
306	KITCHEN	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
307	BATH	TILE	6" TILE BASE	TILE/ GYP. BD. PAINT ABOVE	TILE/ GYP. BD. PAINT ABOVE	TILE/ GYP. BD. PAINT ABOVE	TILE/ GYP. BD. PAINT ABOVE	GYPSUM BOARD/ PAINT	8'-6" A.F.F.		
308	CLOSET	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
309	BATH	TILE	6" TILE BASE	TILE/ GYP. BD. PAINT ABOVE	TILE/ GYP. BD. PAINT ABOVE	TILE/ GYP. BD. PAINT ABOVE	TILE/ GYP. BD. PAINT ABOVE	GYPSUM BOARD/ PAINT	8'-6" A.F.F.		
310	KITCHEN	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
311	LIVING ROOM	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
312	BEDROOM	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
313	CLOSET	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
314	CLOSET	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
315	BEDROOM	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
316	CLOSET	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
317	CLOSET	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
318	BEDROOM	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
319	CLOSET	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
320	CLOSET	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
321	BEDROOM	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
323	LIVING ROOM	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
325	BATH	TILE	6" TILE BASE	TILE/ GYP. BD. PAINT ABOVE	TILE/ GYP. BD. PAINT ABOVE	TILE/ GYP. BD. PAINT ABOVE	TILE/ GYP. BD. PAINT ABOVE	PAINT	8'-6" A.F.F.		
326	HALL	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
327	BATH	TILE	6" TILE BASE	TILE/ GYP. BD. PAINT ABOVE	TILE/ GYP. BD. PAINT ABOVE	TILE/ GYP. BD. PAINT ABOVE	TILE/ GYP. BD. PAINT ABOVE	PAINT	8'-6" A.F.F.		
328	KITCHEN	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
329	LIVING ROOM	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
330	BEDROOM	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
331	CLOSET	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
332	CLOSET	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
333	CLOSET	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
334	BEDROOM	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			
334	KITCHEN	WOOD	6" WOOD BASE	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD / PAINT	GYPSUM BOARD/ PAINT	PAINT			

FINISH LEGEND		
MATERIAL	MANUFACTURER	COLOR/ TYPE
EXISTING WOOD FLOOR	ARMSTRONG	CLEAR SEALANT
CERAMIC TILE #1	DALTILE	12" X 12" DUNE P527
CERAMIC TILE BASE	DALTILE	4" X 12" COVE DUNE P527
PAINTED GYPSUM WALL BOARD	BENJAMIN MOORE	#OC-93 "SUGAR COOKIE"
EXISTING BRICK	TO BE DETERMINED BY OWNER	TO BE DETERMINED BY OWNER
DOORS & WOOD TRIM STAINED	MINWAX POLYURETHANE SATIN FINISH	#225 RED MAHOGNAY FINAL SELECTION TO BE DETERMINED BY OWNER
CEILING PAINT	BENJAMIN MOORE	GYPSUM BOARD CEILING SAND PAINT (WHITE)
ALL FINAL FINISHES ARE TO BE SELECTED BY OWNER. FLAME OFF FIRE RETARDANT PAINT TO BE PAINTED ON THE EXISTING TIN CEILING BEFORE FINAL FINISH. PATCH AND REPLACE TILE AS NEEDED.		

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DATE: 08/01/2019 BY: TDO



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Consulting Engineers • Land Surveyors •
Architects • Landscape Architects • Environmental Scientist

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NO.	REVISION	
	DATE	

2ND & 3RD FLOOR - APARTMENTS

DRAWING TITLE:
ROOM FINISH SCHEDULES

PROJECT NO: 180302.000
DATE: 08/01/2019
DESIGN BY: TDO/RF
DRAWN BY: RF
CHECKED BY: TDO/RF

SHEET NO:

A6.2

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408 - 410 MLK JR.
SAVANNAH, GA 31401

studs. Fastened to studs and runners with cement board screws of adequate length to penetrate stud by a minimum of 3/8 in. for steel framing members, and a minimum of 3/4 in. for wood framing members spaced a max of 8 in. OC. When 4 ft. wide boards are used, horizontal joints need not be backed by framing.

NATIONAL GYPSUM CO — Type DuraBacker, PermaBase, DuraBacker Plus, or PermaBase Plus

12. Non-Bearing Wall Partition Intersection — (Optional) — Two nominal 2 by 4 in. studs or nominal 2 by 6 in. studs nailed together with two 3 in. long 10d nails spaced a max. 16 in. OC, vertically and fastened to one side of the minimum 2 by 4 in. stud with 3 in. long 10d nails spaced a max. 16 in. OC, vertically. Intersection between partition wood studs to be flush with the 2 by 4 in. studs. The wall partition wood studs are to be framed by with a second 2 by 4 in. wood stud fastened with 3 in. long 10d nails spaced a max. 16 in. OC, vertically. Maximum one non-bearing wall partition intersection per stud cavity. Non-bearing wall partition stud depth shall be at a minimum equal to the depth of the bearing wall.

13. Mesh Netting — (Not Shown) — Any thin, woven or non-woven fibrous netting material attached with staples to the outer face of one row of studs to facilitate the installation of the sprayed fiber from the opposite row.

14. Mineral and Fiber Board* — (Optional, Not Shown) — For optional use as an additional layer on one side of wall. Nom 1/2 in. thick, 4 ft wide with long dimension parallel and centered over studs. Attached to framing with 2 in. long Type W steel screws, spaced 12 in. OC. The required UL Classified gypsum board layer(s) is/are to be installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.

HOMASOTE CO — Homasote Type 440-32

14A. Mineral and Fiber Board* — (Optional, Not Shown) — For use with Items 14B-14E) — For optional use as an additional layer on one side of wall. Nom 1/2 in. thick, 4 ft wide with long dimension parallel and centered over studs. Attached to framing with minimum 1-3/8 in. long ring shanked nails or 1-1/4 in. long Type W steel screws, spaced 12 in. OC along board edges and 24 in. OC in field of board along intermediate framing. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.

HOMASOTE CO — Homasote Type 440-32

14B. Glass Fiber Insulation — (For use with Item 14A) — 3-1/2 in. thick glass fiber batts bearing the UL Classification Marking as to Surface Burning and/or Fire Resistance, placed to fill the interior of the wall. See Batts and Blankets (BKNV or BZJZ) categories for names of Classified companies.

14C. Batts and Blankets* — (As an alternate to Item 14B, For use with Item 14A), 3 in. thick mineral wool batts, placed to fill interior of wall, attached to the 3-1/2 in. face of

the studs with staples placed 24 in. OC.

THERMAFIBER INC — Type SAFB, SAFB FF

14D. Adhesive — (For use with Item 14A) — Construction grade adhesive applied in vertical, serpentine, nominal 3/8 in. wide beads down the length of both vertical edges of Mineral and Fiber Board (Item 14A).

14E. Gypsum Board* — (For use with Item 14A) — 5/8 in. thick, 4 ft wide, applied vertically over Mineral and Fiber Board (Item 14A) with vertical joints located anywhere over stud cavities. Secured to mineral and fiber boards with 1-1/2 in. Type G Screws spaced 8 in. OC along edges of each vertical joint and 12 in. OC in intermediate field of the Mineral and Fiber Board (Item 14A). Secured to outermost studs and bearing plates with 2 in. long Type S screws spaced 8 in. OC. Gypsum Board joints covered with paper tape and joint compound. Screw heads covered with joint compound. Finish Rating 30 Min.

AMERICAN GYPSUM CO — Type AG-C

CERTAINTEED GYPSUM INC — Type FRPC, Type C

CGC INC — Types C, IP-X2, PC-AR

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Type LGFC-C/A

GEORGIA-PACIFIC GYPSUM L L C — Types 5, DAPC, TG-C

NATIONAL GYPSUM CO — Types FSK-C, FSW-C

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type PG-C

PANEL REYS A — Type PRC

THAI GYPSUM PRODUCTS PCL — Type C

UNITED STATES GYPSUM CO — Types C, IP-X2, PC-AR

USG BORAL DRYWALL SFZ LLC — Type C

USG MEXICO S A DE C V — Types C, IP-X2, PC-AR

14F. Mineral and Fiber Board — (Optional, Not Shown) — For optional use as an additional layer on one side of wall - Nom 1/2 in. thick, 4 ft wide, square edge fiber boards applied vertically to studs on one side of the wall in between the wood studs and the UL Classified Gypsum Board (Item 3). Fiber boards installed with 1-1/4 in. long, Type W, bugle head, coarse thread gypsum board screws spaced 12 in. OC max, with the last screws spaced 2 in. and 6 in. from edge of board. Gypsum board (Item 3) installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.

BLUE RIDGE FIBERBOARD INC — SoundStop

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

Last Updated on 2019-06-28

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

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FIRE-RESISTANCE DESIGN

Assembly Usage Disclaimer

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States Design Criteria and Allowable Variances

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada Design Criteria and Allowable Variances

Design No. U389

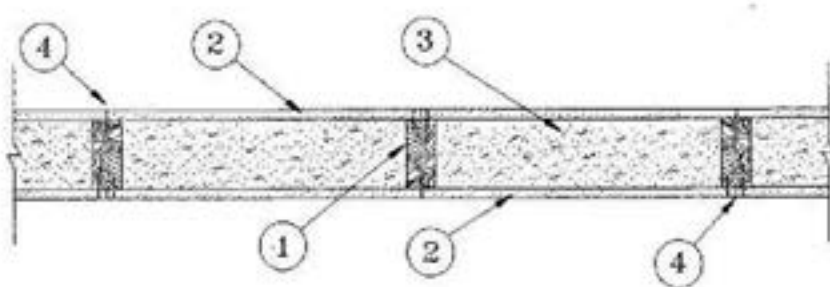
October 19, 2017

Bearing Wall Rating — 1 Hr

Nonbearing Wall Rating — 2 Hr

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



1. Wood Studs — Nom 2 by 4 in. spaced 16 in., effectively freestopped.

2. Gypsum Board* — Any 5/8 in. thick UL Classified Gypsum Board that is eligible for use in Design Nos. L501, G512 or U305. Nom 5/8 in. thick gypsum board, with beveled, square or tapered edges, installed horizontally or vertically. Gypsum board secured to studs and plates with 6d coated nails, 2-3/8 in. long, 0.113 in. shank diam with 1/4 in. heads, spaced 8 in OC. All joints staggered 2 ft with joints on opposite sides of wall. When used in widths other than 48 in., gypsum board to be installed horizontally.

CABOT MANUFACTURING ULC (View Classification) — CKNX.R25370

AMERICAN GYPSUM CO (View Classification) — CKNX.R14196

BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO (View Classification) — CKNX.R19374

CERTAINTEED GYPSUM INC (View Classification) — CKNX.R3660

CGC INC (View Classification) — CKNX.R19751

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C (View Classification) — CKNX.R18482

GEORGIA-PACIFIC GYPSUM L L C (View Classification) — CKNX.R2717

GEORGIA-PACIFIC GYPSUM L L C (View Classification) — CKNX.R6937

LOADMASTER SYSTEMS INC (View Classification) — CKNX.R11809

NATIONAL GYPSUM CO (View Classification) — CKNX.R3501

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM (View Classification) — CKNX.R7094

PANEL REYS A (View Classification) — CKNX.R21796

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD (View Classification) — CKNX.R19262

THAI GYPSUM PRODUCTS PCL (View Classification) — CKNX.R27517

UNITED STATES GYPSUM CO (View Classification) — CKNX.R1319

USG MEXICO S A DE C V (View Classification) — CKNX.R16089

2A. Gypsum Board* — (As an alternate to Item 2) — 5/8 in. thick gypsum panels, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-7/8 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1 in. from edge of board. When used in widths of other than 48 in., gypsum boards are to be installed horizontally.

AMERICAN GYPSUM CO — Types AGX-1, M-Glass, AG-C, LightBoe.

3. Spray-Applied Fire Resistive Material — Applied in accordance with application instructions to completely fill the stud cavity for the 2 Hr nonbearing assembly and at a thickness of 2 in. for the 1 Hr bearing assembly. Min avg and min ind densities of 13 and 11 pcf, respectively for Types FC or DF. For method of density determination, refer to Design Information Section.

PROMAT INC — Types FC and DF

4. Joints and Fastener Heads — Exposed joints covered with joint compound and paper tape. Joint compound and paper tape may be omitted when square edge boards are used. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard with the joints reinforced with paper tape. Fastener Heads covered with joint compound.

5. Wall and Partition Facings and Accessories* — (Not shown) — (Optional) in lieu of Item 4 used to cover all wallboard joints and nail heads.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

Last Updated on 2017-10-19

Design/System/Construction/Assembly Usage Disclaimer

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- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

always address every construction nuance encountered in the field.

- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
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DRAWING TITLE:

UL RATINGS

PROJECT NO: 180302000

DATE: 06/01/2019

DESIGN BY: TDO/RF

DRAWN BY: RF

CHECKED BY: TDO/RF

SHEET NO:

A6.4

☐ NOT FOR CONSTRUCTION

☒ RELEASED FOR CONSTRUCTION

DATE: 06/01/2019 BY: TDO

STAMP:

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NO. DATE REVISION



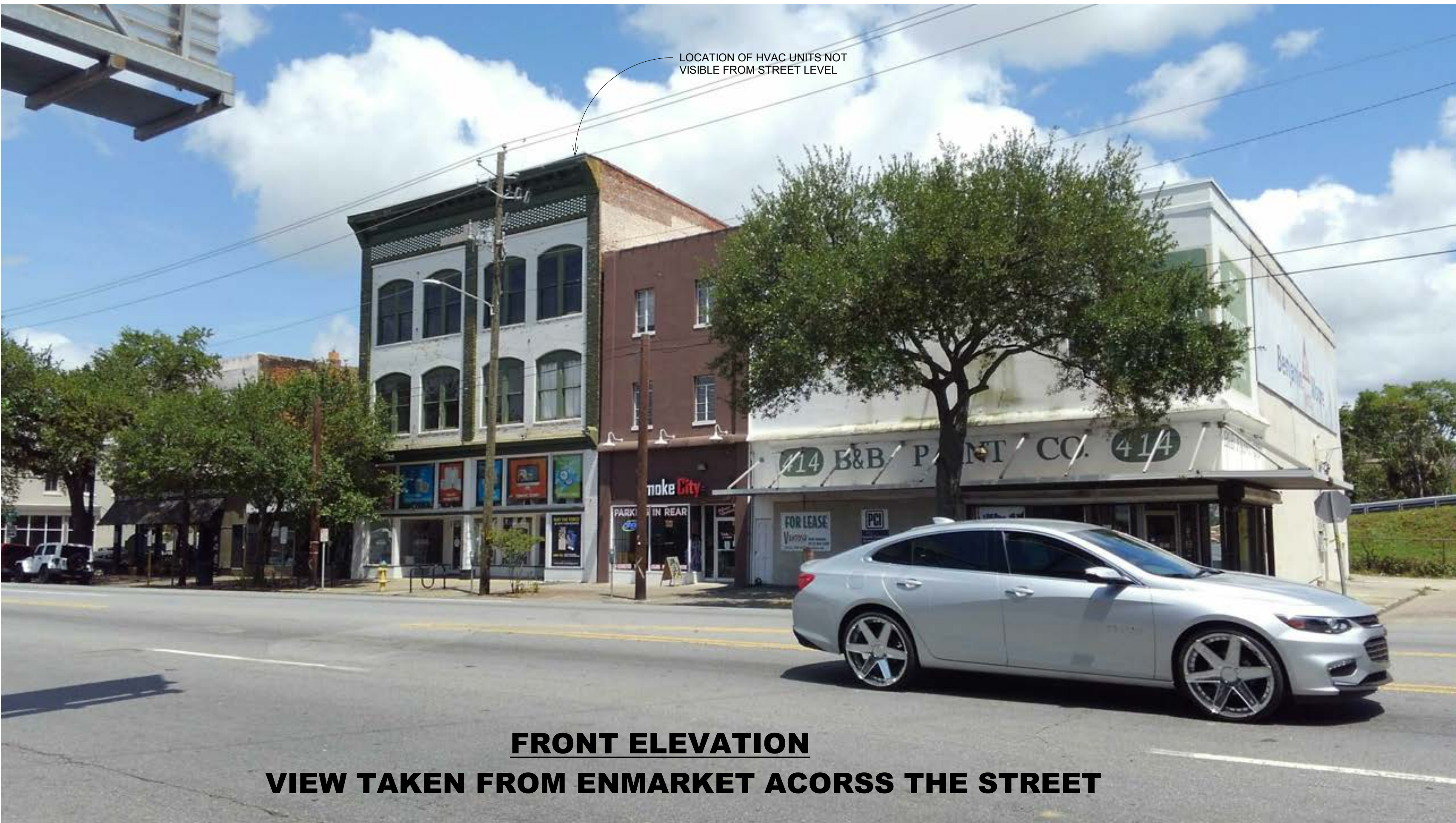
FRONT ELEVATION
VIEW TAKEN FROM ENMARKET ACORSS THE STREET



FRONT ELEVATION
VIEW TAKEN FROM ENMARKET ACORSS THE STREET



REAR ELEVATION
VIEW TAKEN FROM ACROSS THE STREET



FRONT ELEVATION
VIEW TAKEN FROM ENMARKET ACORSS THE STREET

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DATE: 08/01/2019 BY: TDO



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NO. DATE REVISION

2ND & 3RD FLOOR - APARTMENTS

DRAWING TITLE:

EXISTING
PHOTOS

PROJECT NO: 18032000
DATE: 08/01/2019
DESIGN BY: TDO/RF
DRAWN BY: RF
CHECKED BY: TDO/RF
SHEET NO:

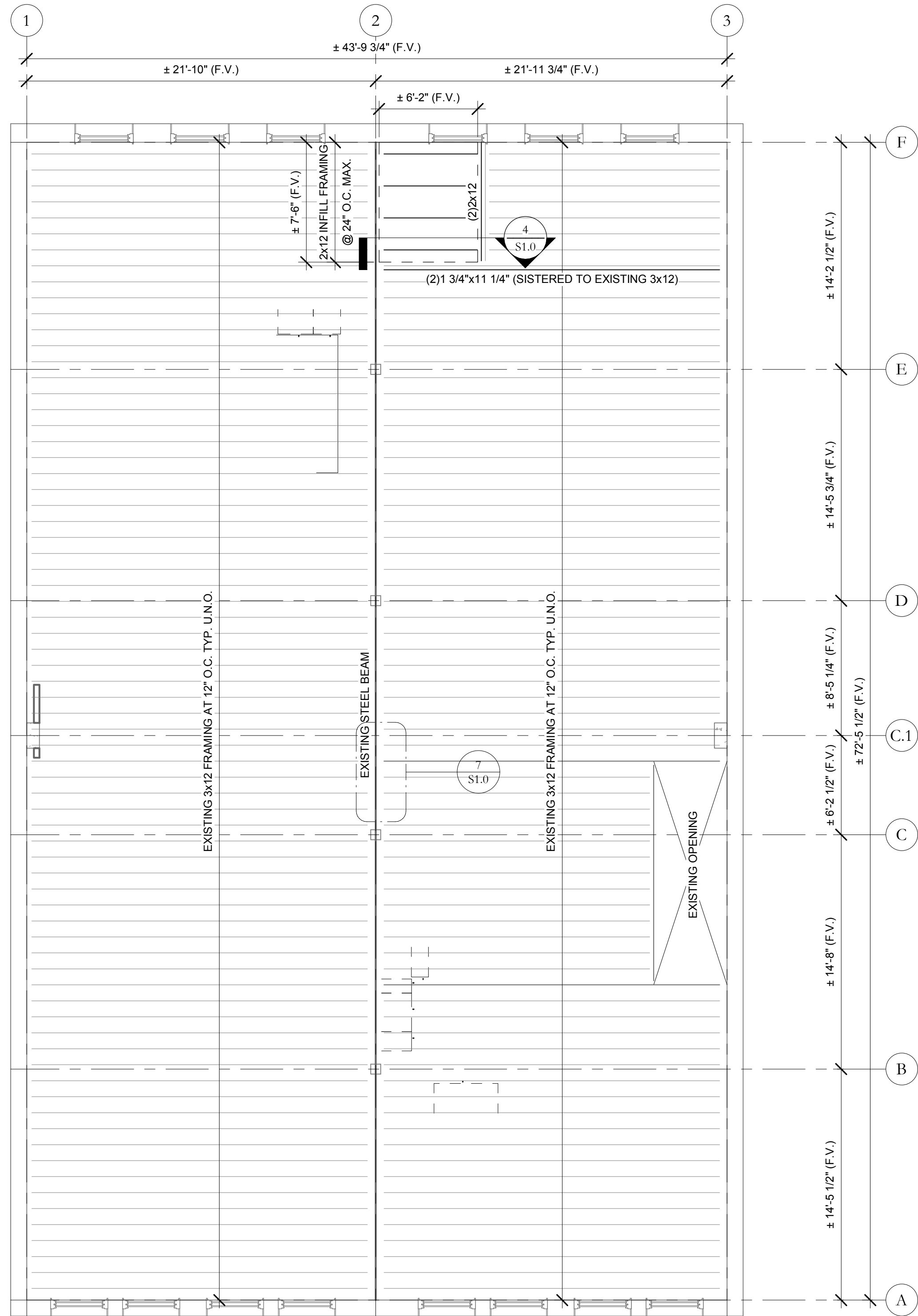
A7.0



2
S1.0

SECOND FLOOR FRAMING PLAN

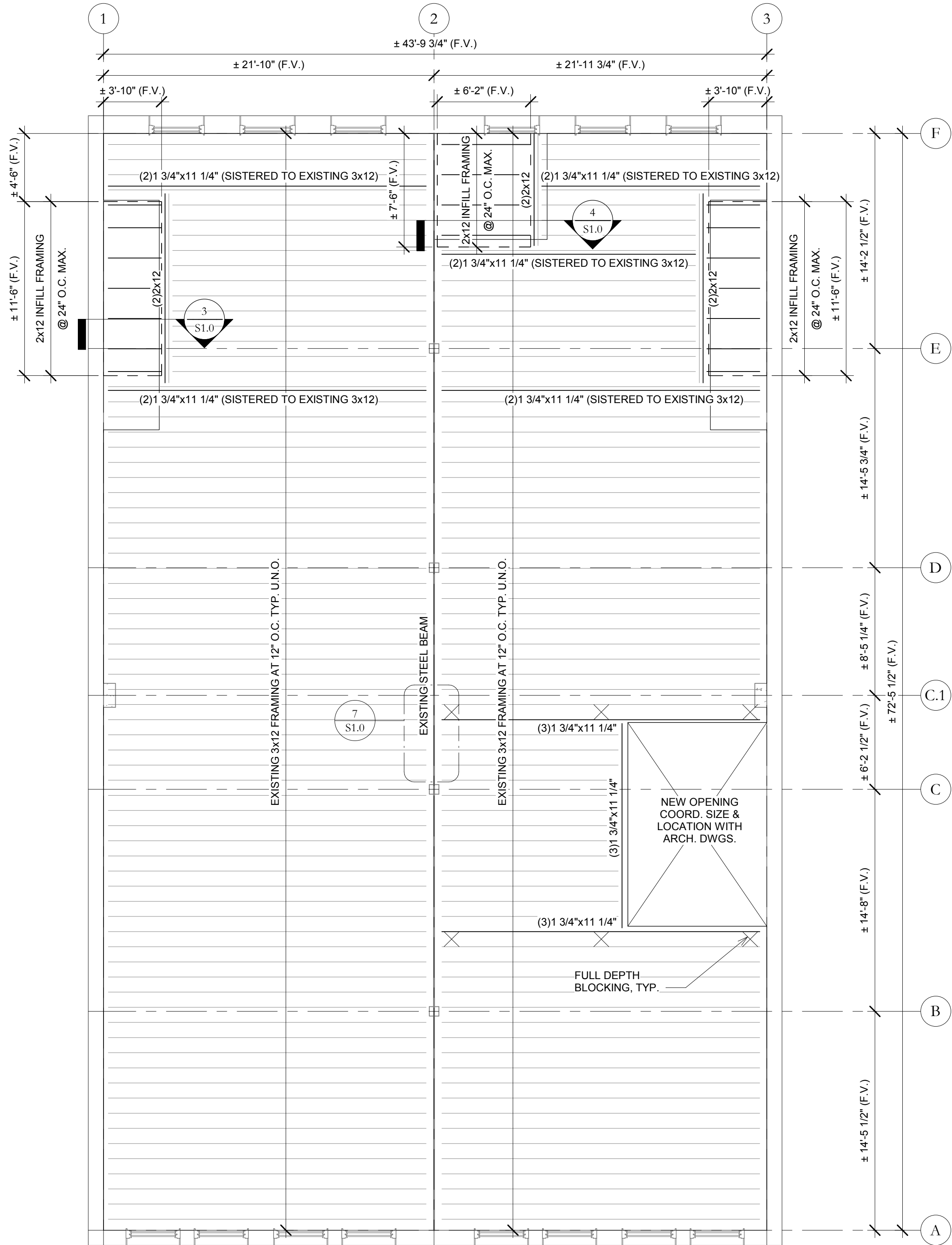
SCALE: 3/16" = 1'-0"



1
S1.0

THIRD FLOOR FRAMING PLAN

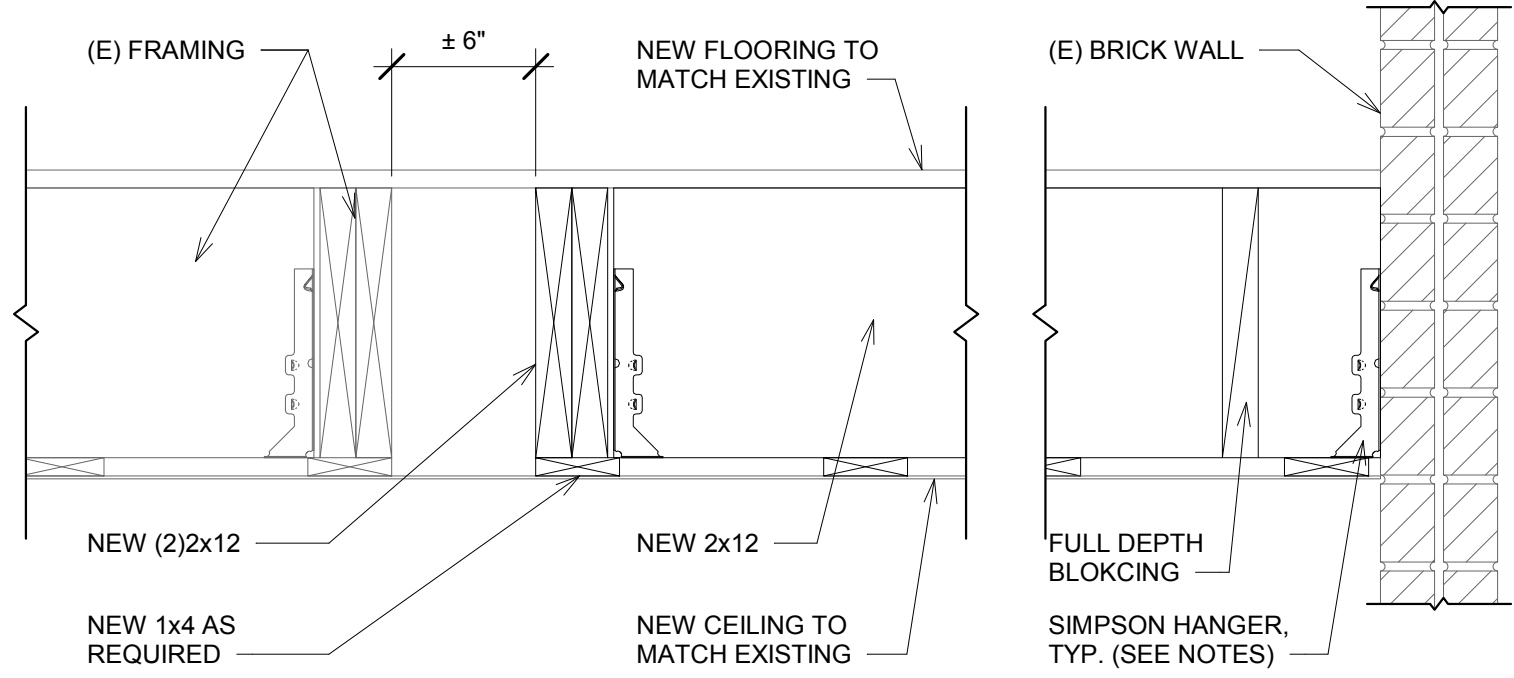
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3
S1.0

FRAMING SECTION

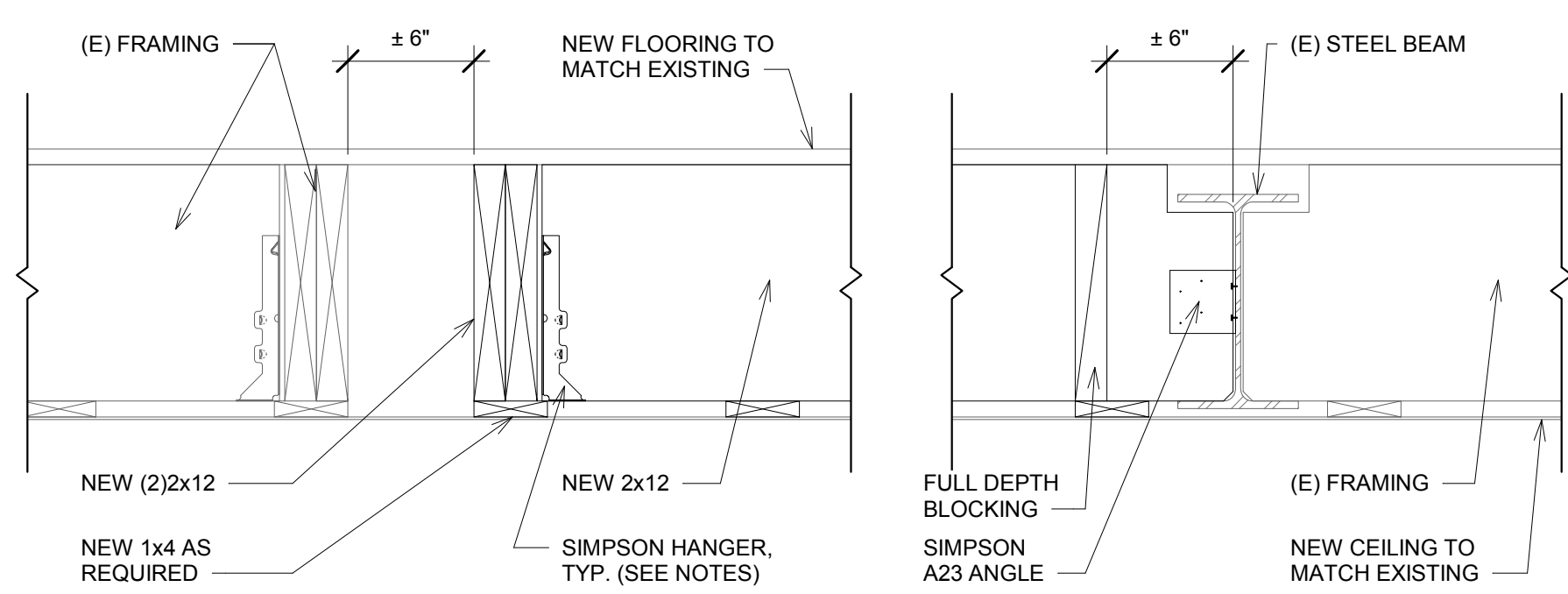
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4
S1.0

FRAMING SECTION

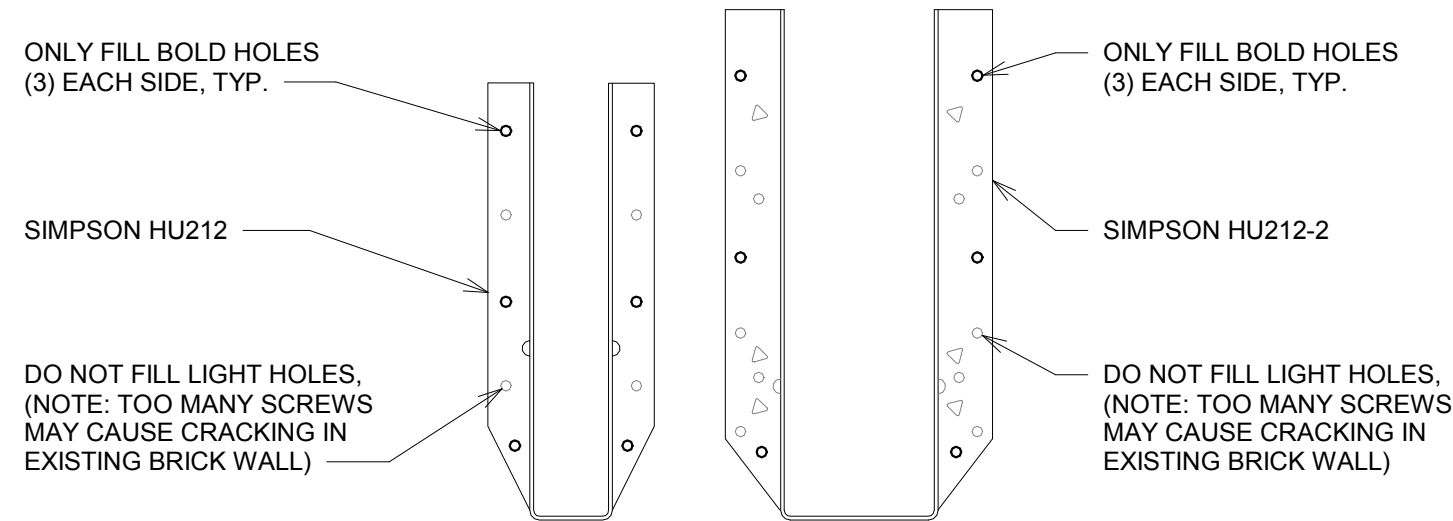
SCALE: 1 1/2" = 1'-0"



5
S1.0

2x CONNECTION TO BRICK

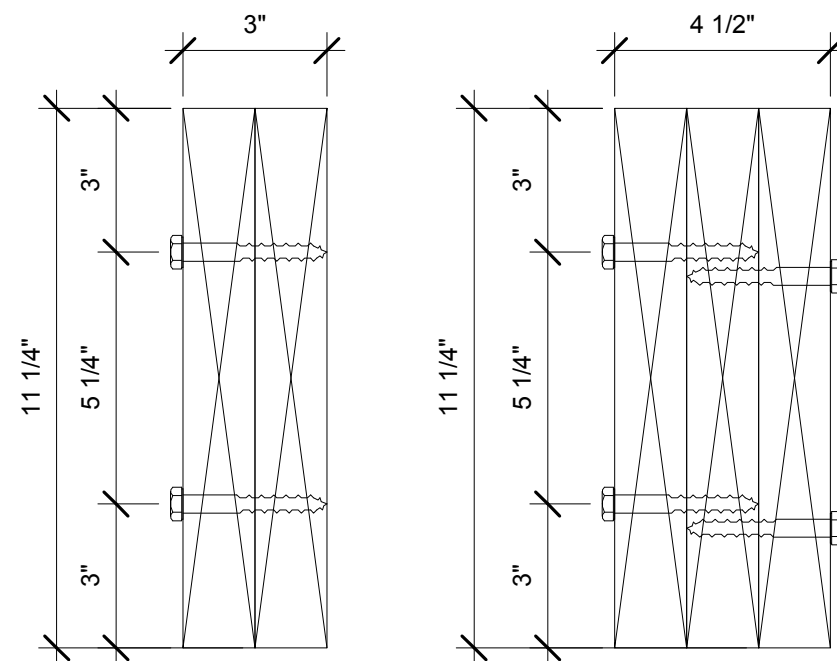
SCALE: 3" = 1'-0"



6
S1.0

MULTIPLE PLY FASTENING

SCALE: 3" = 1'-0"

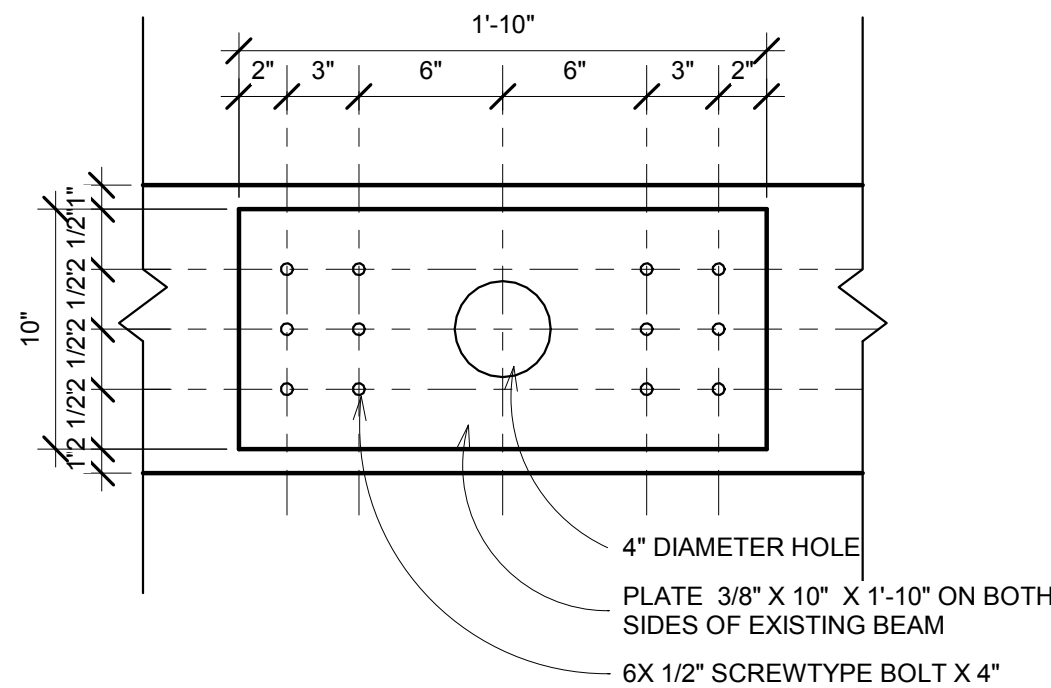


- NOTES:
- FASTENERS SHALL BE IN 2 ROWS, SPACED AT 24" O.C. USING 3" LONG SIMPSON SDS SCREWS (OR APPROVED EQUAL), WHERE FASTENERS ARE SHOWN FROM BOTH SIDES, FASTENERS ON BACK FACE SHALL BE OFFSET 1/2 THE INDICATED SPACING FROM FRINT FACE.
 -

7
S1.0

BEAM REINFORCEMENT AT OPENING

SCALE: 1 1/2" = 1'-0"



- STRUCTURAL NOTES:
- FLOOR LIVE LOAD = 40 PSF
 - BEFORE BEGINNING CONSTRUCTION ACTIVITIES, TAKE FIELD MEASUREMENTS AND VERIFY EXISTING CONDITIONS. COMPARE RESULTS WITH INFORMATION GIVEN ON THE DRAWINGS. REPORT ANY INCOSISTENCIES TO EOR IMMEDIATELY.
 - DIMENSIONS SHOWN LOCATING EXISTING ELEMENTS SUCH AS WALLS, COLUMNS, BEAMS, ETC. WERE OBTAINED FROM THE EXISTING DRAWINGS OR BY FIELD MEASUREMENTS TAKEN WITHOUT THE USE OF SURVEYING INSTRUMENTS. EXACT DIMENSIONS AND ELEVATIONS ARE TO BE DETERMINED BY THE CONTRACTOR.
 - ALL NEW FRAMING MEMBERS SHALL BE 2x12 SYP#2 OR BETTER, TYP. U.N.O.
 - SEE DETAIL FOR MULTIPLE MEMBER FASTENING REQUIREMENTS.
 - FULL DEPTH BLOCKING REQUIRED AT LOCATIONS SHOWN ON PLANS AND SECTIONS.
 - THE FOLLOWING SIMPSON CONNECTIONS (OR APPROVED EQUAL) SHALL BE USED:
 - (1)2x12: LUS210 (TO WOOD) OR HU212 (TO BRICK)
 - (2)2x12: HUS212-2 (TO WOOD) OR HU212-2 (TO BRICK)
 - (2)LVLs: LGU3.63-SDS (TO WOOD) OR LGUM410-SDS (TO BRICK)
 - (3)LVLs: MGU5.50-SDS (TO WOOD) OR HGUM5.25-SDS (TO BRICK)
 - FILL ALL HOLES IN CONNECTIONS, TYP. U.N.O. USE SIMPSON SDS SCREWS (OR APPROVED EQUAL) FOR ATTACHING TO WOOD AND SIMPSON 1/4"Ø TITEN 2 (OR APPROVED EQUAL) WITH 2" EMBEDMENT FOR ATTACHING TO BRICK.
 - EXISTING STEEL BEAM SHALL NOT BE MODIFIED OR CUT WITHOUT PRIOR APPROVAL FROM EOR.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATE SHORING WHEN REMOVING EXISTING FRAMING.
 - CONTRACTOR SHALL USE CAUTION WHEN REMOVING EXISTING WOOD FLOORING AND METAL CEILING. REUSE WHERE POSSIBLE. MATCH NEW FLOORING AND CEILING TO EXISTING.

☐ NOT FOR CONSTRUCTION
☒ RELEASED FOR CONSTRUCTION
DATE: 08/01/2019 BY: JLK

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DRAWING TITLE:
FLOOR FRAMING PLAN AND DETAILS
PROJECT NO: 180302.000
DATE: 08/01/2019
DESIGN BY: RWL
DRAWN BY: RWL
CHECKED BY: JSK
SHEET NO:

S1.0

2ND & 3RD FLOOR - APARTMENTS

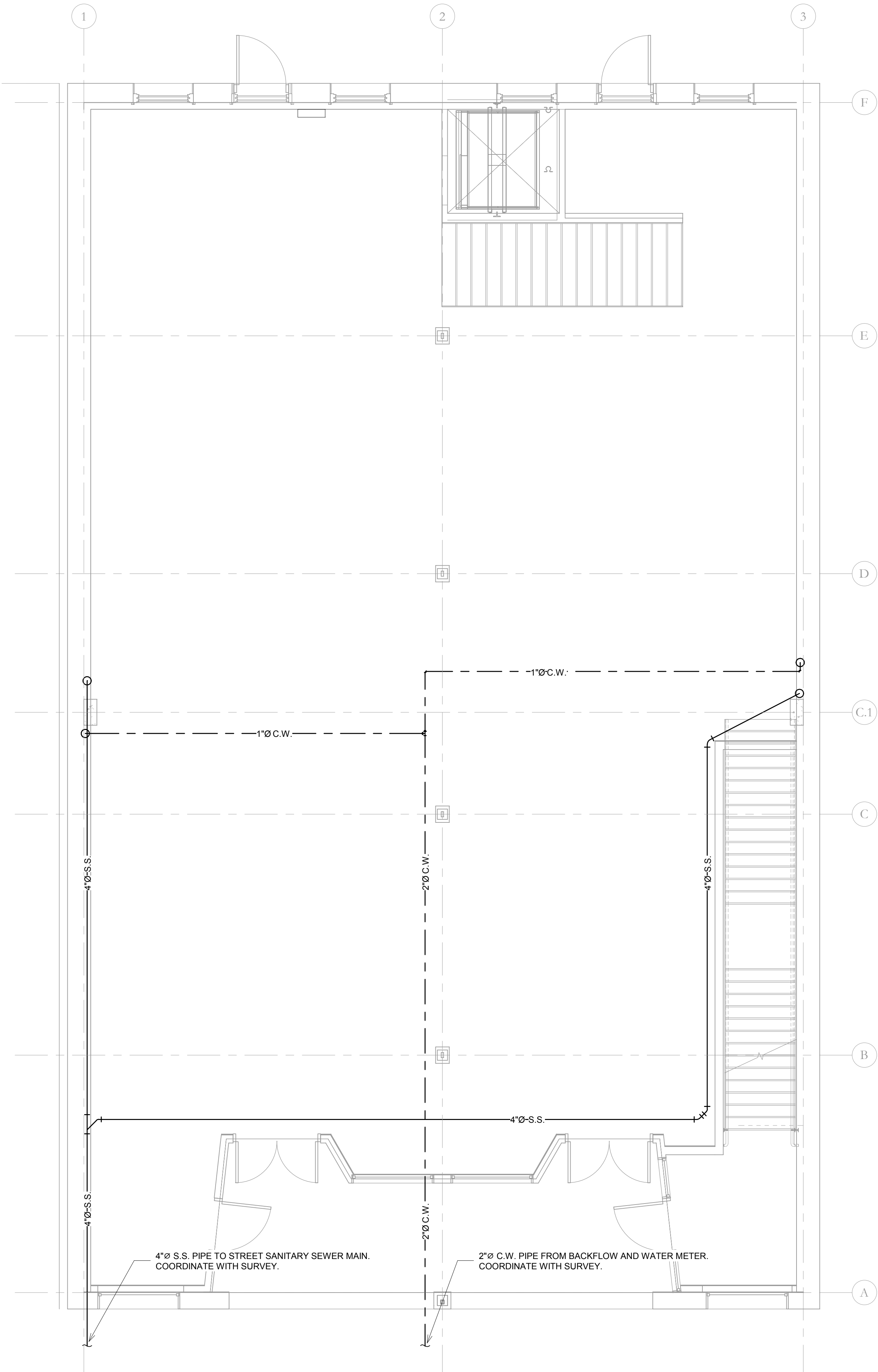
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1
P1.0

FIRST FLOOR WATER & SEWER PLAN
SCALE: 1/4" = 1'-0"

SCALE: 1/4" = 1'-0"
0 1 2 4 8

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2ND & 3RD FLOOR - APARTMENTS

DRAWING TITLE:
**FIRST FLOOR
WATER &
SEWER PLAN**

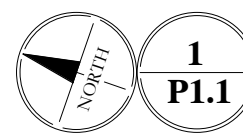
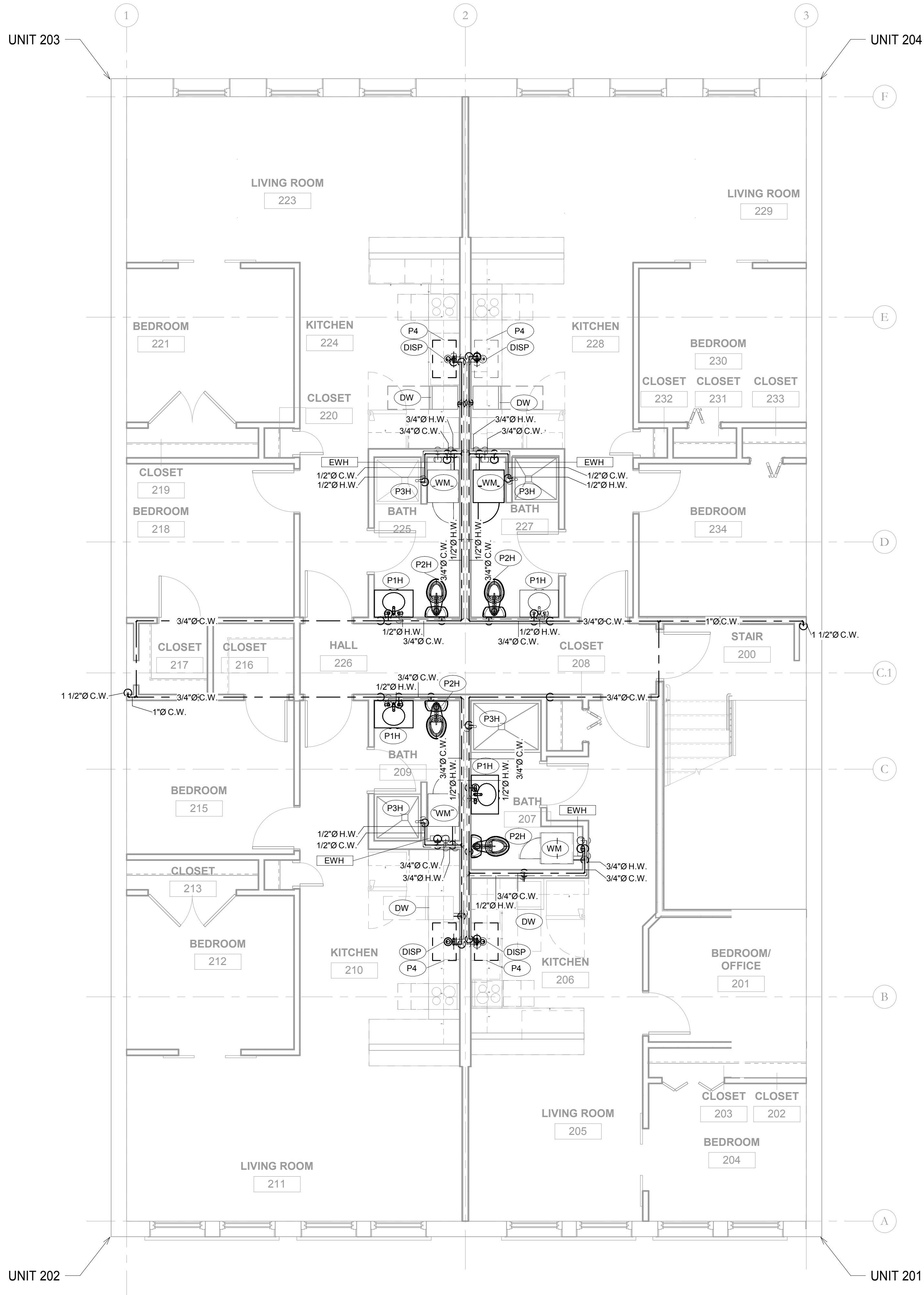
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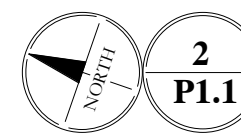
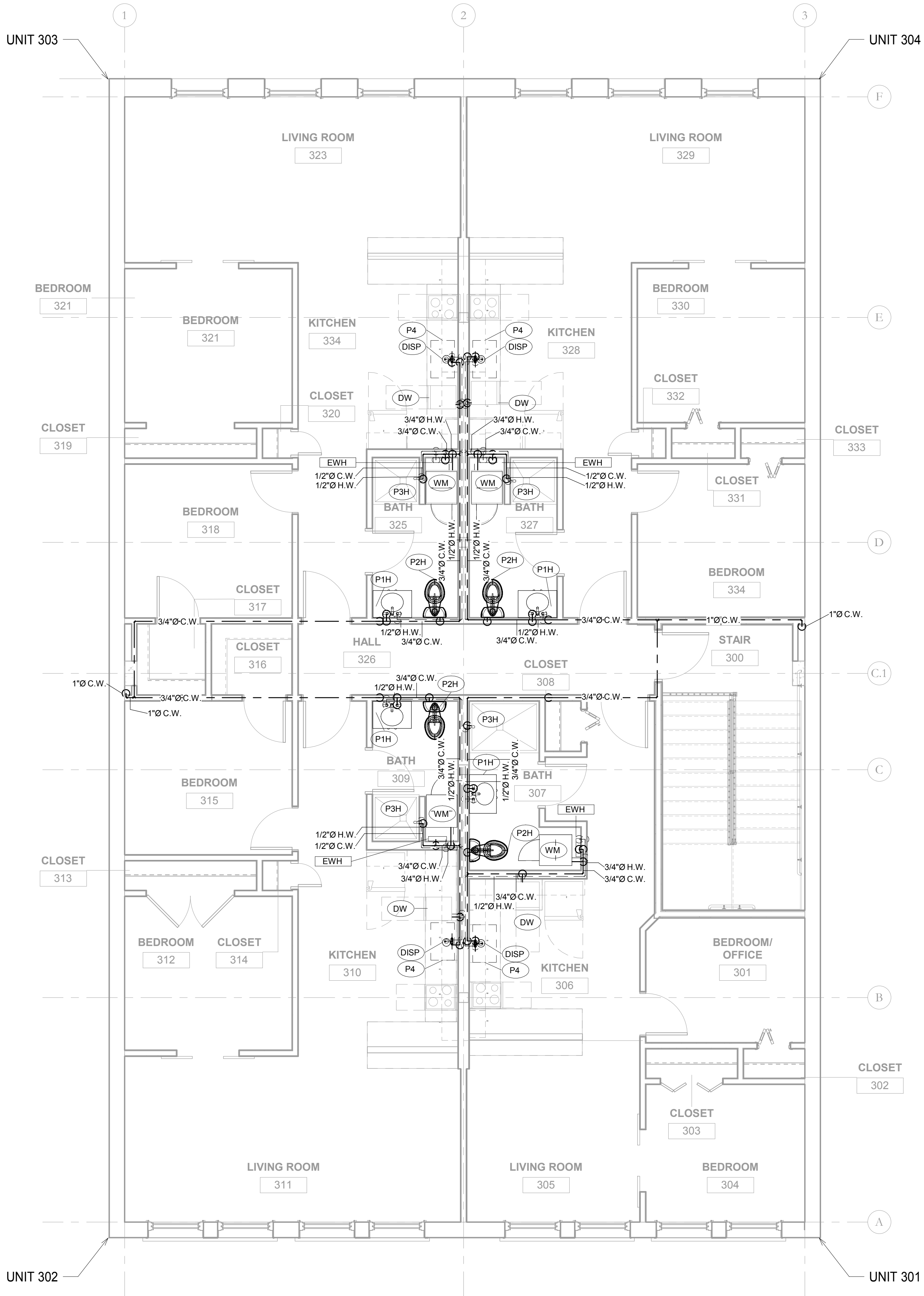
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1
P1.1

SECOND FLOOR - DOMESTIC WATER PLAN

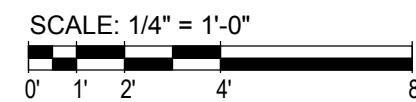
SCALE: 1/4" = 1'-0"



2
P1.1

THIRD FLOOR - DOMESTIC WATER PLAN

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



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

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DRAWING TITLE:
SECOND &
THIRD FLOOR - APARTMENTS
DOMESTIC
WATER
PLUMBING

PROJECT NO: 180302000
DATE: 08/01/2019
DESIGN BY: NSF
DRAWN BY: NSF/RF
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P1.1

2ND & 3RD FLOOR - APARTMENTS

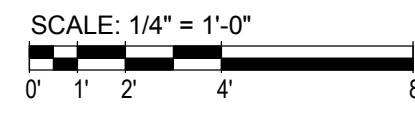
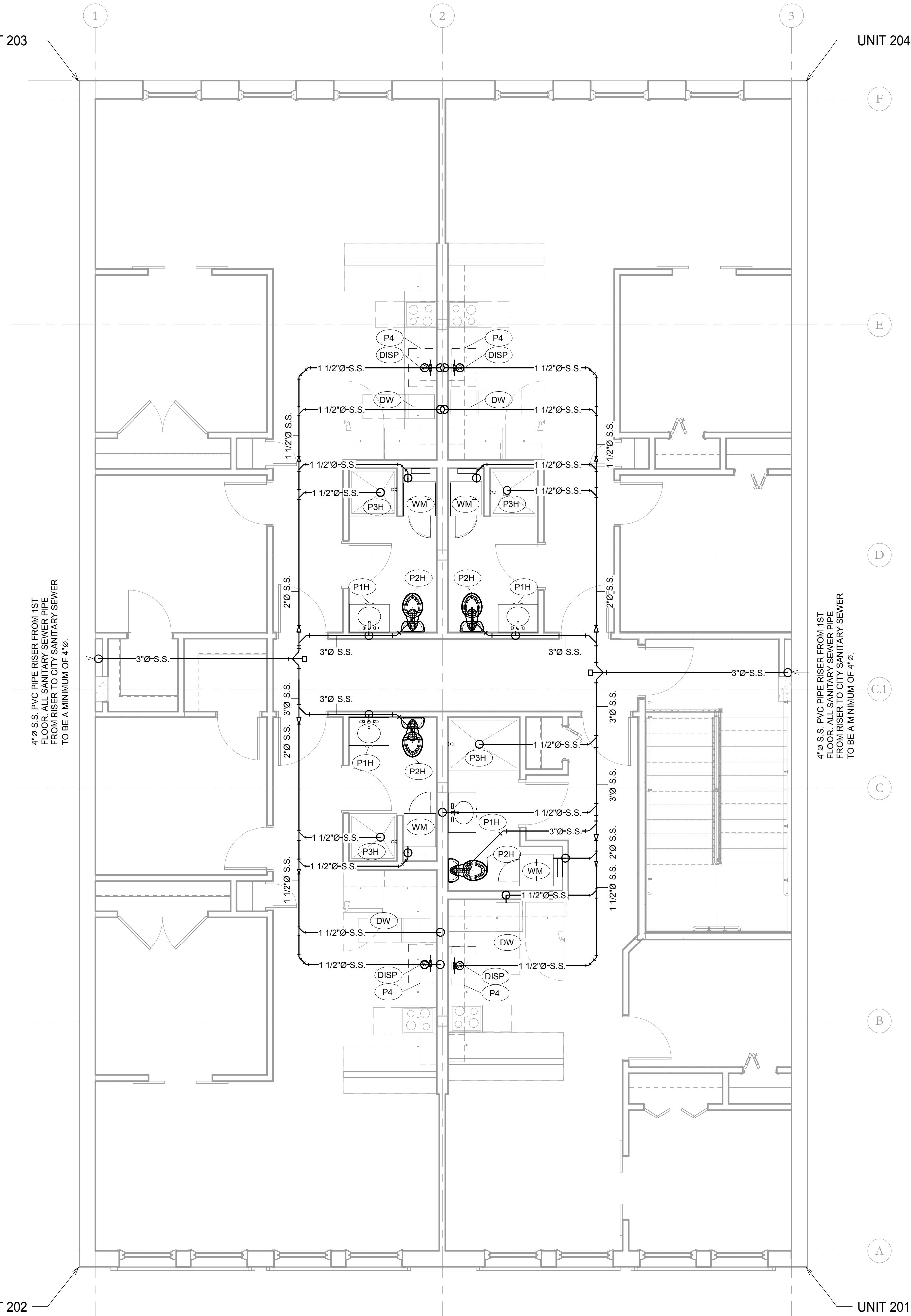
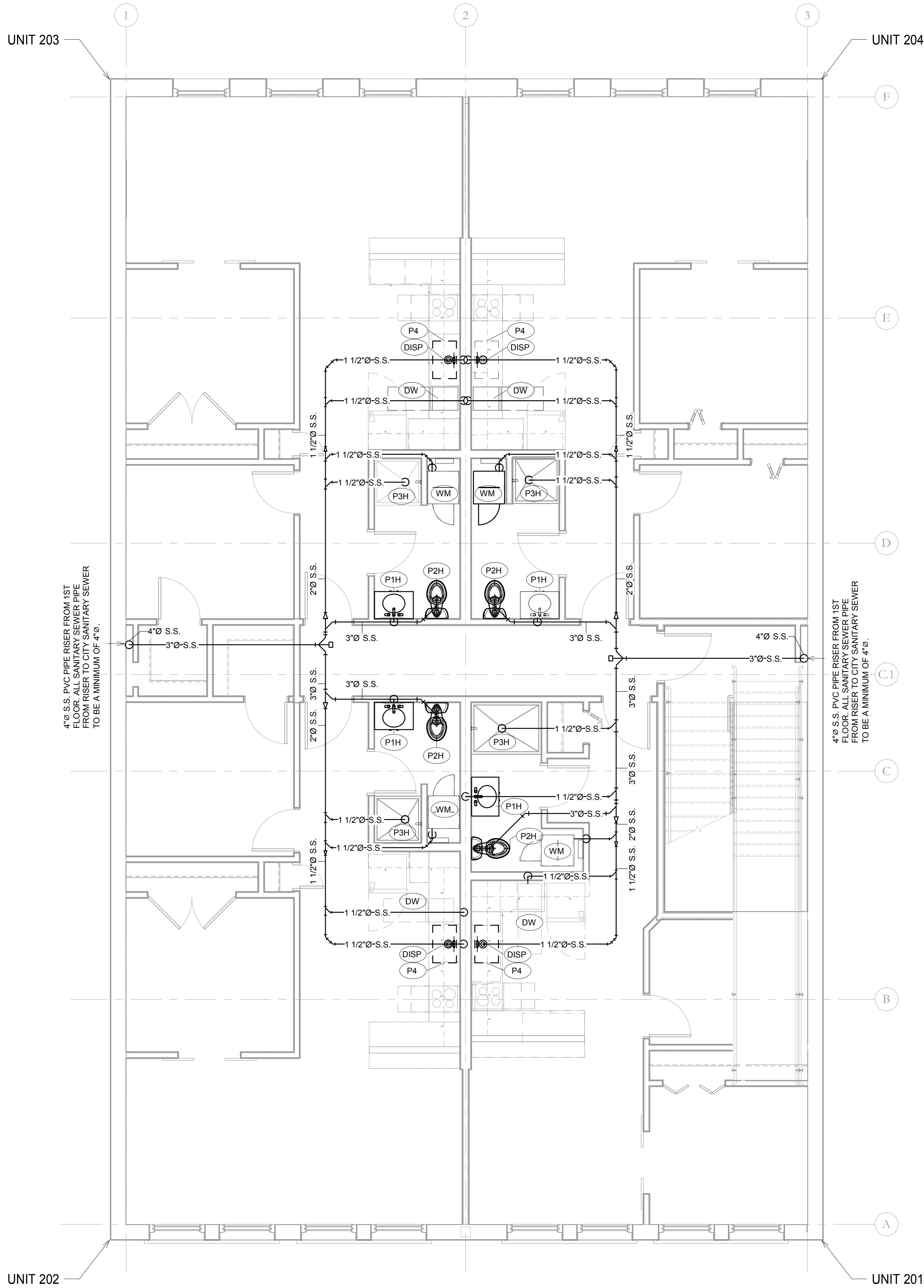
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P1.2

2ND & 3RD FLOOR - APARTMENTS

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PLUMBING NOTES

1. ALL WORK SHALL CONFORM TO ALL CURRENT LOCAL, STATE, AND FEDERAL CODES AND REGULATIONS, INCLUDING THE CURRENT EDITION OF THE INTERNATIONAL PLUMBING CODE.
2. EXTERIOR DOMESTIC WATER PIPING SHALL BE SCH. 40 PVC.
3. INTERIOR WATER LINES SHALL BE COPPER TYPE "L". SWEAT JOINTS TO BE 95-5 SOLDER.
4. PROVIDE PDI RATED SHOCK STOPS OR 12" VERTICAL AIR CHAMBERS ONE SIZE LARGER THAN THE WATER LINE TO THE FIXTURE WITH HAMMER ARRESTORS FOR EACH HOT AND/OR COLD WATER LINE TO EACH ISOLATED FIXTURE, ITEM OF EQUIPMENT, AND AT FIXTURE GROUPINGS.
5. PROVIDE HOT AND/OR COLD WATER CUT-OFF VALVES AT EACH PLUMBING FIXTURE OR ITEM OF EQUIPMENT.
6. INSULATION - HOT/COLD WATER:

A. IN FLOOR JOISTS AND EXTERIOR WALLS - ROUTE INSIDE OF BUILDING INSULATION

B. ABOVE CEILING - 1" FIBERGLASS

C. EXPOSED BELOW FLOOR TO GROUND - 1" FIBERGLASS WITH ALUMINUM

D. IN CONCRETE SLAB ON GRADE - NONE REQUIRED
7. INTERIOR AND EXTERIOR WASTE AND VENT PIPING SHALL BE SCH. 40 PVC OR ABS WITH DRAINAGE PATTERN FITTINGS AND SOLVENT JOINTS.
8. PAINT ALL VENTS WITH RUST INHIBITIVE FLAT ENAMEL ABOVE ROOF IN A COLOR TO MATCH THE ROOF.
9. ALL WATER PIPE IN ONE-HOUR FIRE-RATED WALLS SHALL BE COPPER. ALL SANITARY SEWER LINES IN ONE-HOUR FIRE-RATED WALLS TO BE CAST IRON. SEAL ALL POINTS OF PENETRATION WITH 3M FIRE BARRIER CAULK OR EQUAL.
10. ALL PENETRATIONS OF ALL FIRE-RATED WALLS WITH A FIRE RATING OF MORE THAN ONE HOUR SHALL BE IN ACCORDANCE WITH AN APPROVED U.L. DESIGN DETAIL APPROVED BY KERN AND CO., LLC
11. WHEN REQUIRED, A NEW WATER METER SHALL BE CITY APPROVED TYPE.

PLUMBING LEGEND

- COLD WATER
- HOT WATER
- WASTE

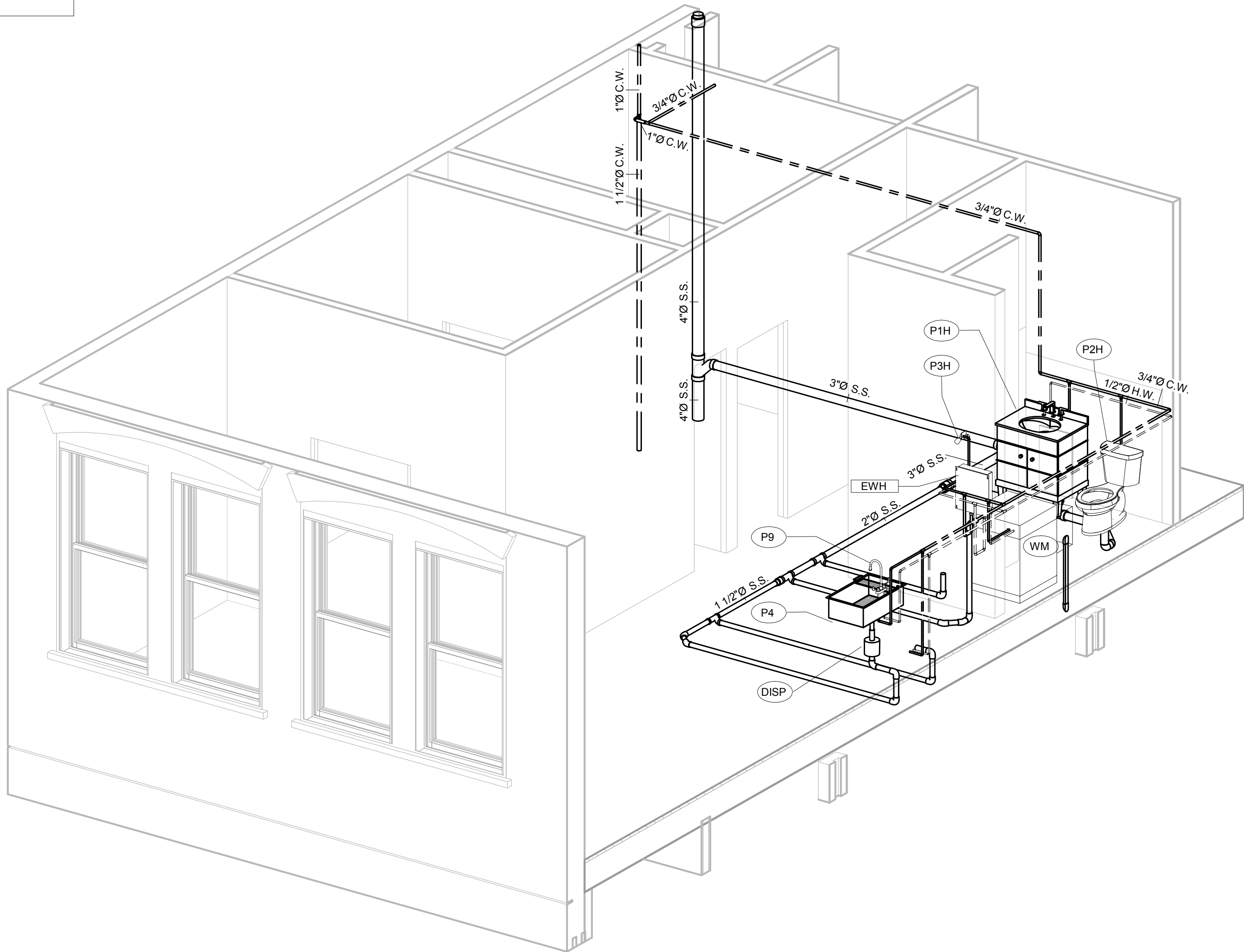
PLUMBING FIXTURE SCHEDULE (PF)

MARK	COUNT	DESCRIPTION	MANUFACTURER	MODEL	PIPE DIAMETERS			COMMENTS
					H.W. DIAMETER	C.W. DIAMETER	WASTE DIAMETER	
P1H	8	VANITY SINK WITH FAUCET	KOHLER	K-2732	1/2"	1/2"	1 1/2"	INSTALL WITH RIZON CHROME TWO-HANDLE LOW ARC BATHROOM FAUCET (MODEL #: T6920)
P2H	8	TOILET - ELONGATED BOWL	KOHLER	K-3988-0		1/2"	3"	INSTALL WITH TOILET SEAT, ELONGATED SEAT/SOLID PLASTIC/OPEN FRONTLESS COVER (MODEL#: K-4636)
P3H	8	SHOWER UNIT W/ DRAW	KOHLER	K-1596	1/2"	1/2"	1 1/2"	INSTALL WITH SINGLE HANDLE PRESSURE BALANCING SHOWER VALVE (MODEL#: K-304-K)
P4	8	UNDER COUNTER KITCHEN SINK	OWNER TO SELECT	OWNER TO SELECT	1/2"	1/2"	1 1/2"	INSTALL WITH KITCHEN FAUCET, THREE-HOLE WITH 8-1/2" SPOUT AND SIDESPRAY, MATCH FINISH WITH SINK (MODEL #: K-15172-F-CP)
DISP	8	KITCHEN SINK DISPOSAL	MAINLINE GRINDSMART	MLGS12			1 1/2"	INCLUDES 120V CORD, 5 YEAR WARRANTY
WM	8	CLOTHES WASHER - COMPACT FRONT LOADER	OWNER TO SELECT	OWNER TO SELECT	1/2"	1/2"	1 1/2"	

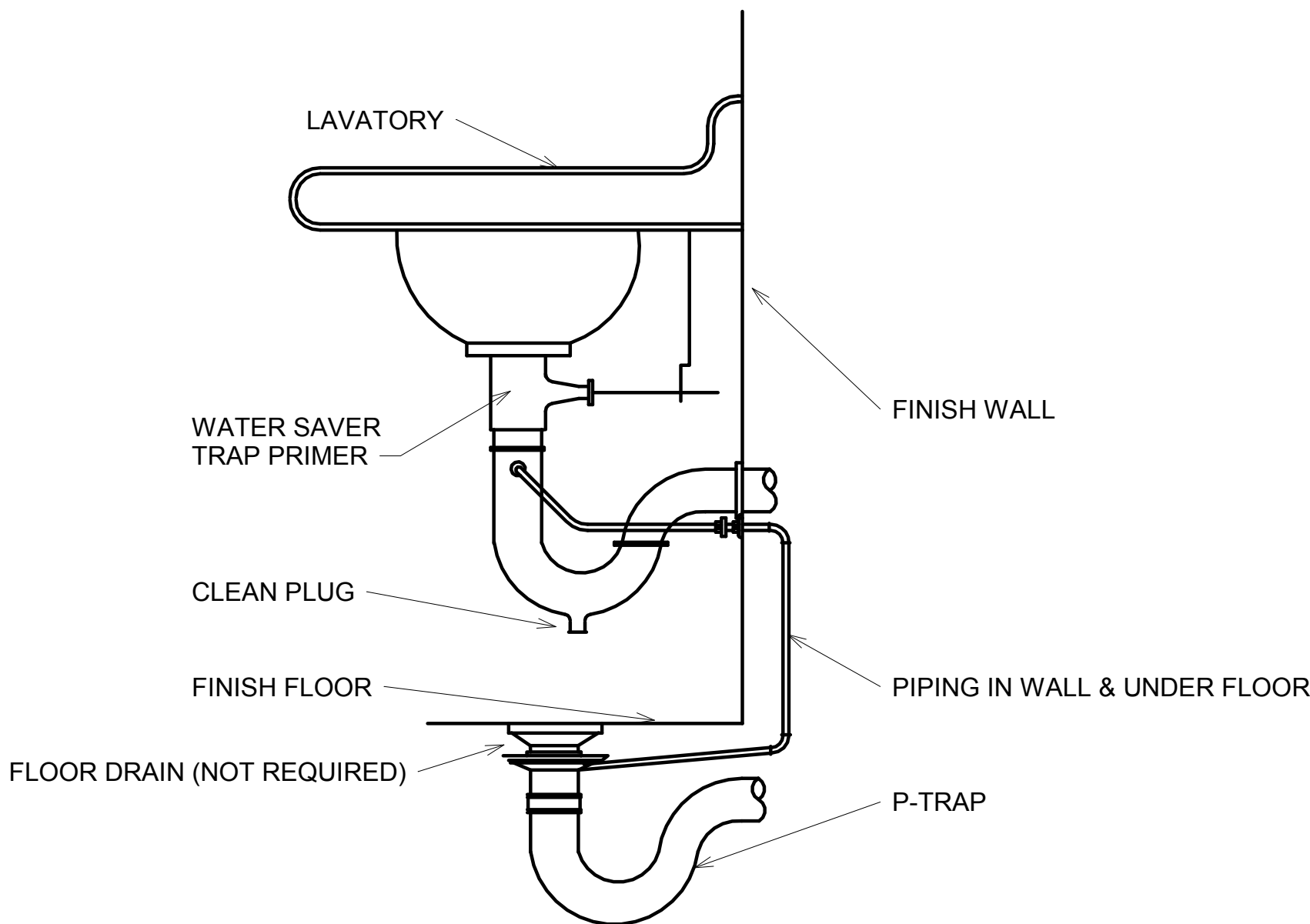
ELECTRIC WATER HEATER SCHEDULE (EWH)

MARK	COUNT	DESCRIPTION	SERVICE	MANUFACTURER	MODEL	PIPE DIAMETERS			ELECTRICAL DATA				COMMENTS
						H.W. DIAMETER	C.W. DIAMETER	VOLTAGE	POLE AMOUNT	REQUIRED AMOUNT OF BREAKER CIRCUITS	MCA (PER CIRCUIT)	MOCP	
EWH	8	TANKLESS WATER HEATER - EEMAX HOMEADVANTAGE II	APARTMENT UNIT	EEMAX	HOME-ADVANTAGE II, HA018240	3/4"	3/4"	240 V	2	2	38 A	2 X 50A	TANKLESS ELECTRIC WATER HEATER, 240V, 18KW. CONSULT OWNER/INSTALLATION MANUAL FOR CORRECT ELECTRICAL WIRING. WATER HEATER REQUIRES (2) CIRCUITS OF (2) POLE, 240V BREAKERS RATED AT 50 AMPS EACH. WATER HEATER ACTIVATION AT 0.3GPM, MAX RATED FLOW AT 7.0GPM. ACHIEVES 41 DEGREE (F) RISE AT 3.0 GPM.

NOTE: COMPARABLE ALTERNATE PLUMBING FIXTURES AND WATER HEATERS PERMITTED



1 P2.0 PLUMBING RISER FOR UNIT#202 (TYPICAL)
SCALE: N.T.S.



2 P2.0 SINK DETAIL WITH P-TRAP
SCALE: N.T.S.

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2ND & 3RD FLOOR - APARTMENTS

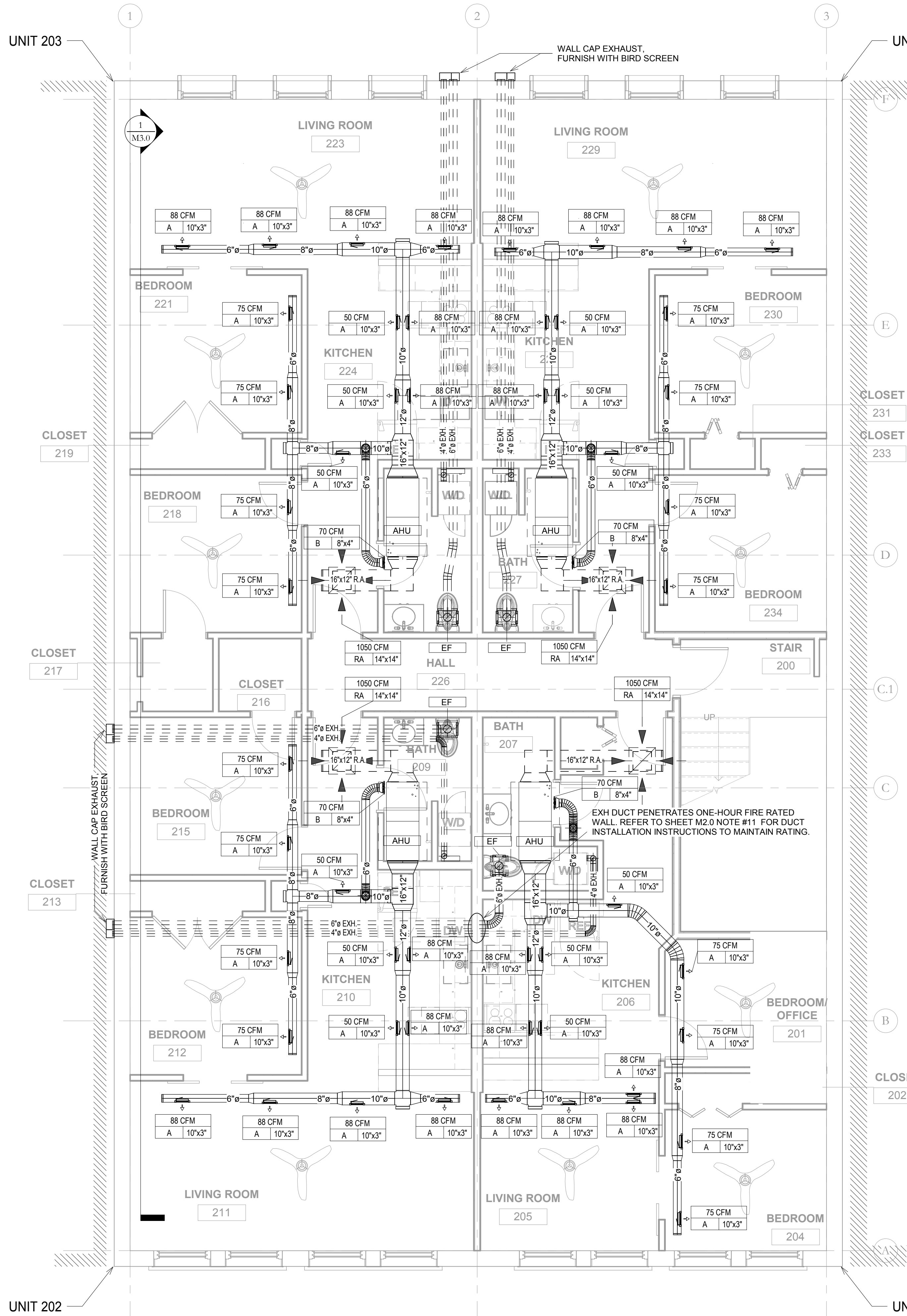
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PLUMBING
NOTES &
SCHEDULES

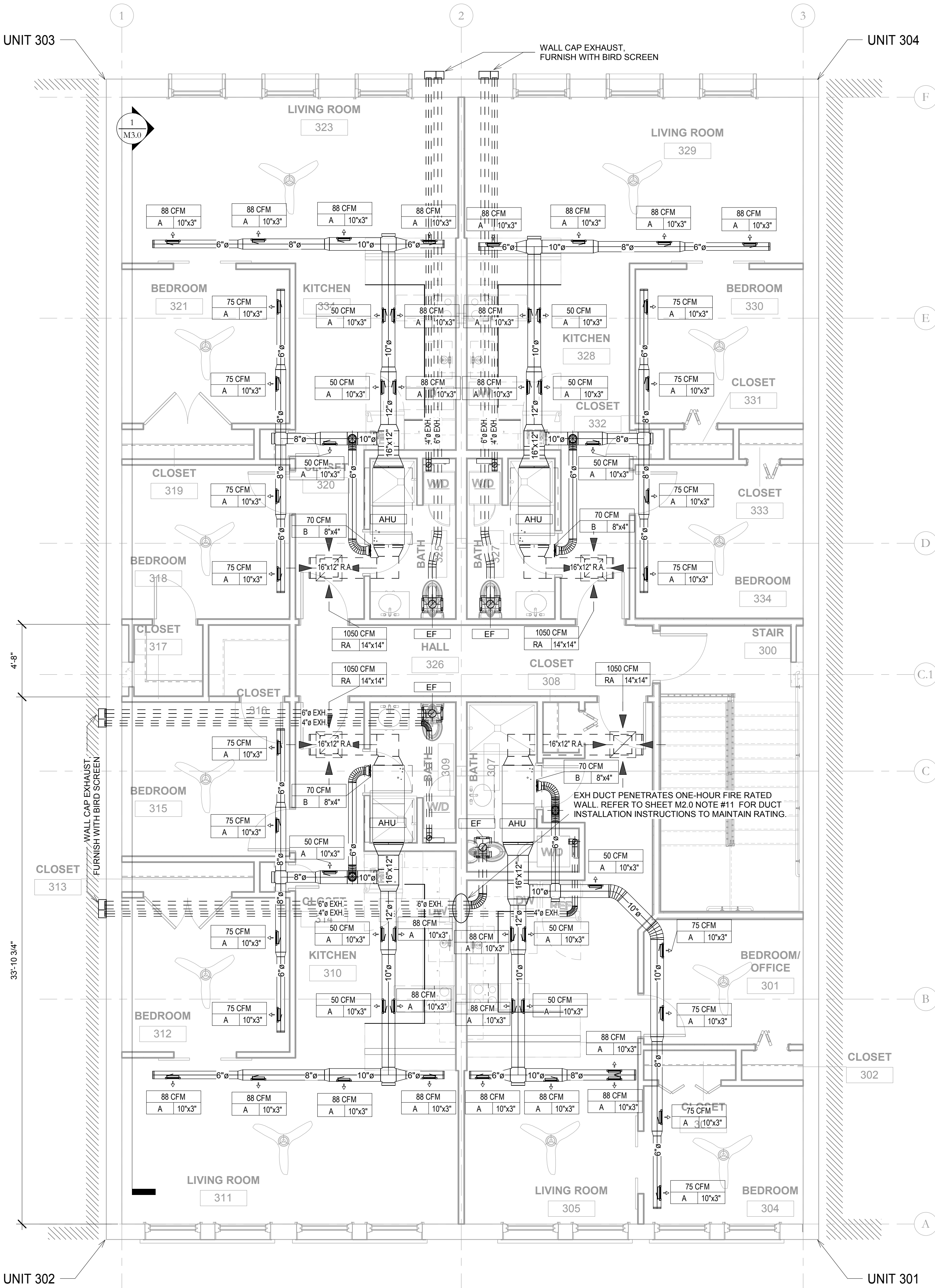
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1 **SECOND FLOOR MECHANICAL PLAN**
SCALE: 1/4" = 1'-0"



2 **THIRD FLOOR MECHANICAL PLAN**
SCALE: 1/4" = 1'-0"

SCALE: 1/4" = 1'-0"
0 1 2 4 8

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2ND & 3RD FLOOR - APARTMENTS

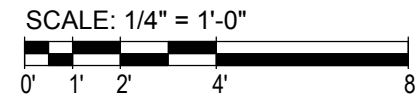
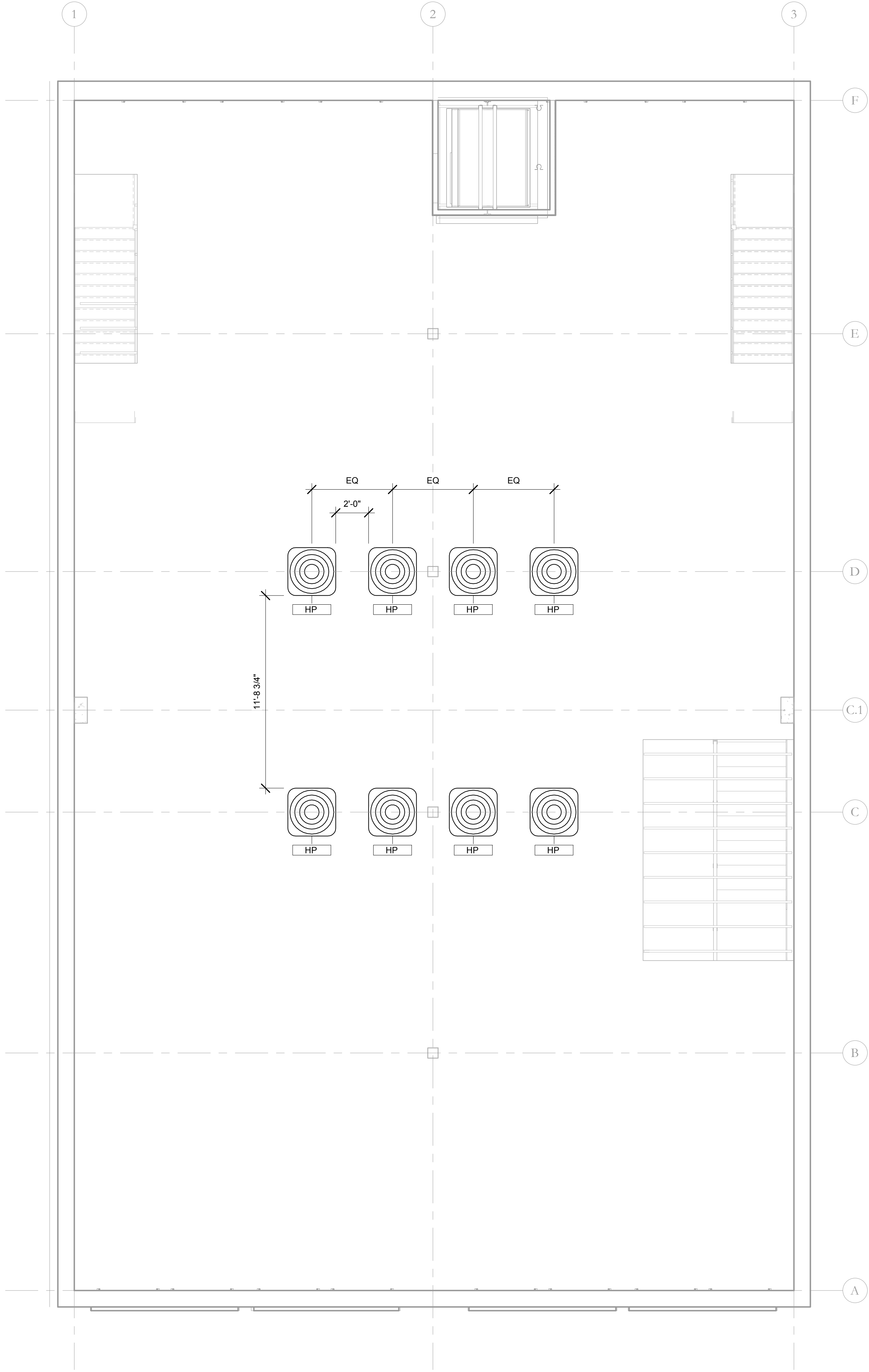
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2ND & 3RD FLOOR - APARTMENTS

MECHANICAL
ROOF PLAN

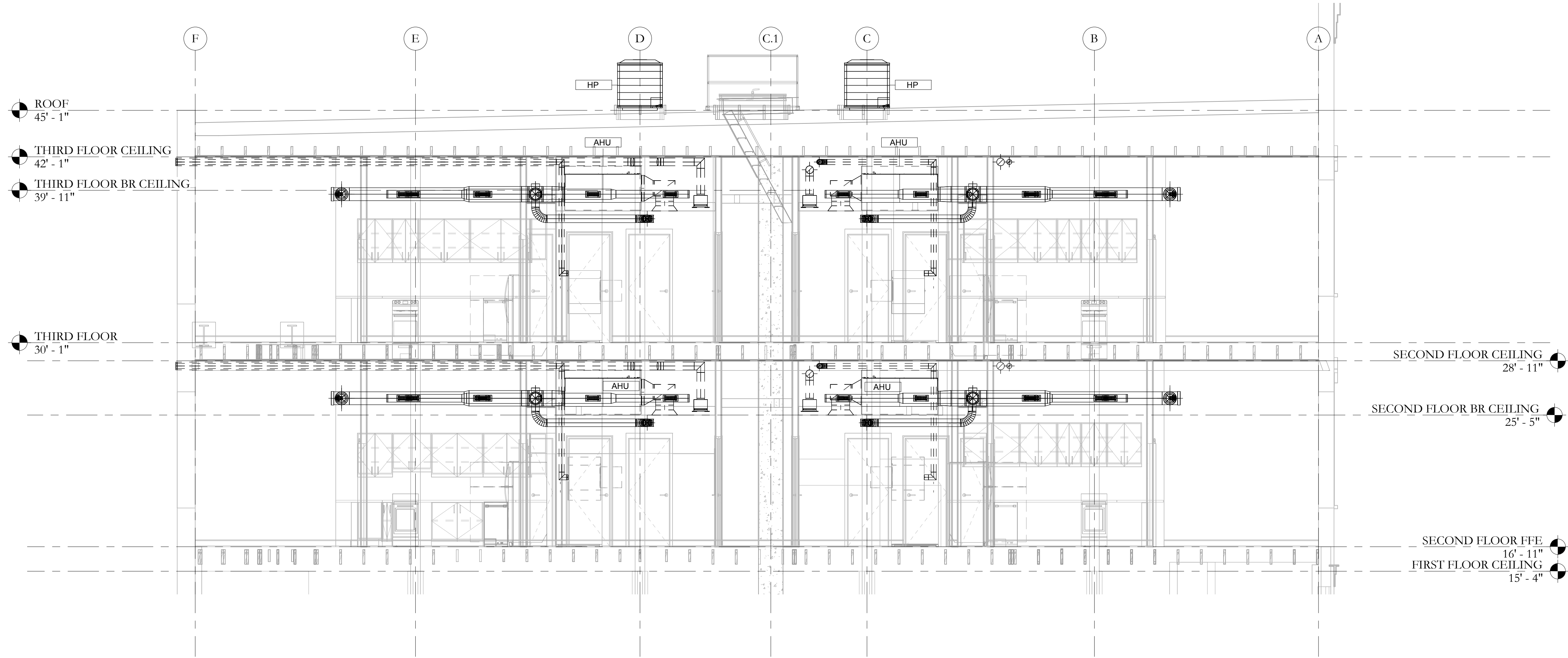
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1 DUCT ELEVATION DETAIL
M3.0 SCALE: N.T.S.

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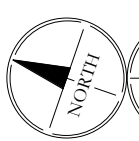
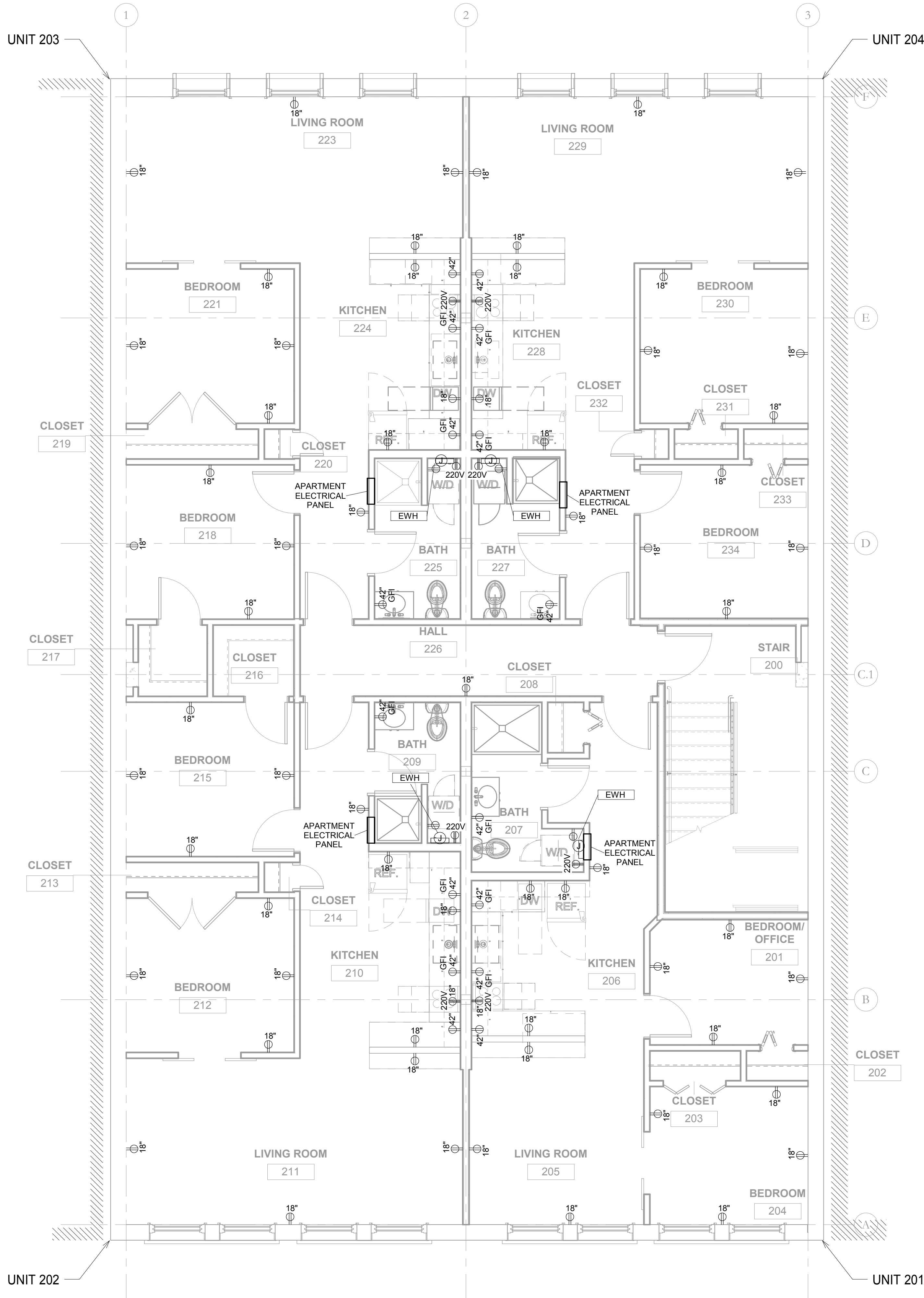
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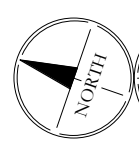
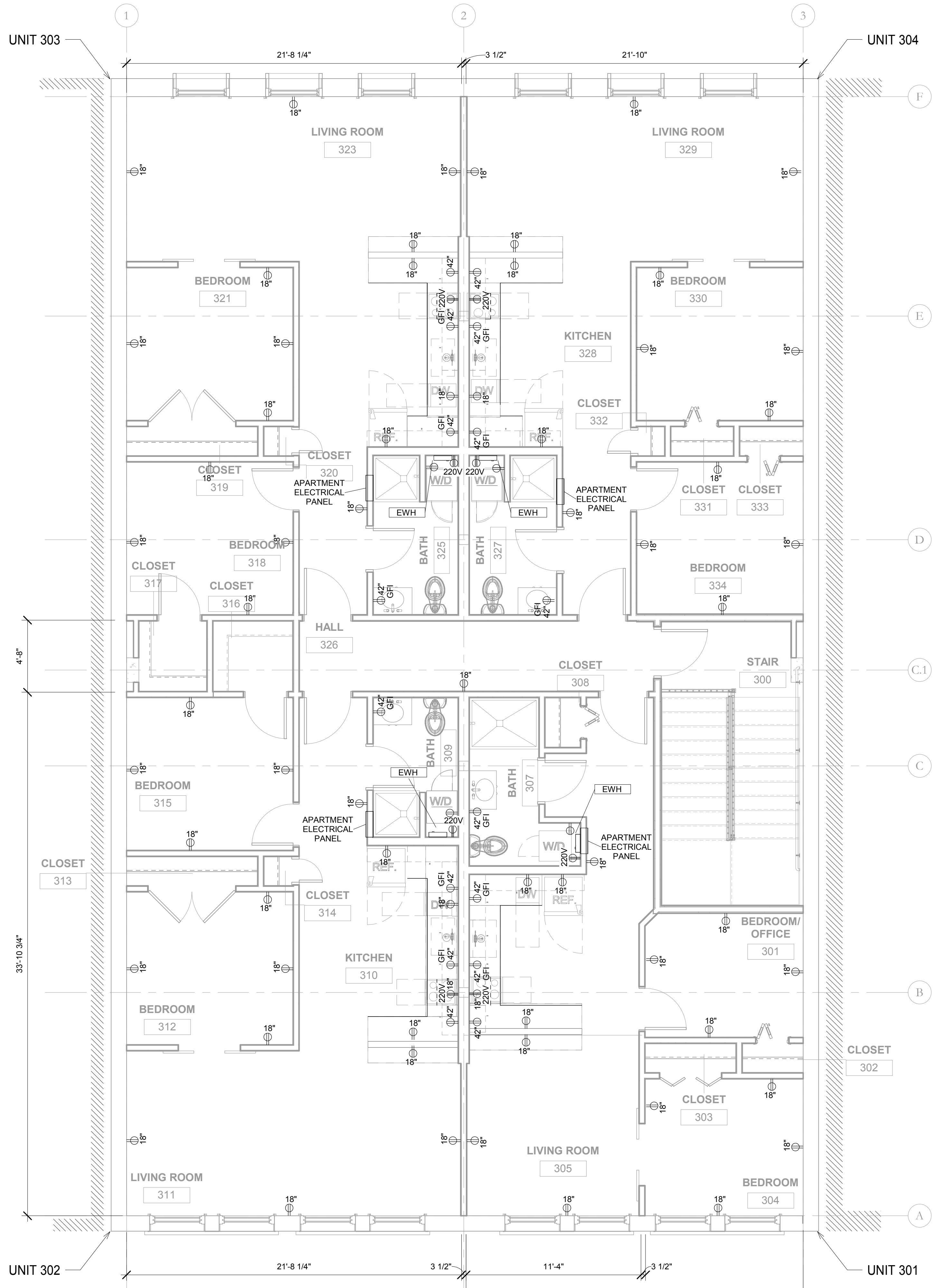
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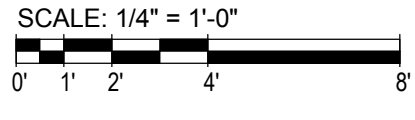
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2
E1.0
SECOND FLOOR POWER PLAN
SCALE: 1/4" = 1'-0"



1
E1.0
THIRD FLOOR POWER PLAN
SCALE: 1/4" = 1'-0"



SCALE: 1/4" = 1'-0"
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2ND & 3RD FLOOR - APARTMENTS

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ELECTRICAL NOTES

- ALL WORK SHALL CONFORM TO ALL CURRENT LOCAL, STATE, AND FEDERAL CODES AND REGULATIONS, INCLUDING THE CURRENT EDITION OF THE NATIONAL ELECTRICAL CODE. (N.E.C.)
- CONDUCTORS SHALL BE COPPER WITH THHN OR THWN INSULATION, UNLESS OTHERWISE NOTED.
- RACEWAYS BELOW GRADE SHALL BE SCH. 40 P.V.C. RACEWAYS ABOVE SLAB SHALL BE EMT WITH STEEL COMPRESSION FITTINGS AND SEALTITE WITH COMPATIBLE FITTINGS WHERE REQUIRED. CABLE TYPES: MC OR AC MAY BE USED WHERE ALLOWED BY CODE.
- EQUIPMENT CONNECTIONS SHALL BE MADE OF SHORT SECTIONS OF FLEXIBLE CONDUIT (SEALTITE IN EXTERIOR LOCATIONS) USING COMPATIBLE FITTINGS.
- PROVIDE GROUNDING CONDUCTORS IN ALL CONDUIT.
- DEVICES SHALL BE SPECIFICATION GRADE WITH COLOR AS SELECTED. DEVICE PLATES SHALL BE OF SMOOTH PLASTIC.
- DISCONNECT SWITCHES: INDOOR - GENERAL DUTY NEMA 1. OUTDOOR - HEAVY DUTY NEMA 3R.
- PANELBOARDS - (INDOOR - NEMA 1)(OUTDOOR - NEMA 3R); WITH PLATED ALUMINUM OR COPPER BUSSES. ARRANGED FOR DISTRIBUTED PHASE CONNECTIONS FULL NEUTRAL BUS, ISOLATED GROUND BAR, PLUG-IN BRANCH CIRCUIT BREAKERS AND BOLT-ON MAIN BREAKERS.
- INSTALL A TYPEWRITTEN CIRCUIT DIRECTORY ON PANELBOARD COVER INTERIOR, REFLECTING AN "AS WIRED" CONDITION AFTER WIRING IS COMPLETED.
- LIGHTING FIXTURES SHALL BE PROVIDED COMPLETE WITH LAMPS AND ALL NECESSARY MOUNTING HARDWARE, HANGERS, AND TRIM. OWNER & CONTRACTOR TO DETERMINE FIXTURE SELECTION AS-DESIRED.
- JUNCTION AND OUTLET BOXES: INTERIOR AND RECESSED: GALVANIZED STEEL EXTERIOR. EXPOSED: CAST ALLOY. COMPARABLE ALTERNATIVES PERMITTED.
- CIRCUIT BREAKER INTERRUPTING DATA IS ASSUMED. ACTUAL A.I.C. WILL FOLLOW AFTER RECEIPT OF REQUESTED AVAILABLE FAULT CURRENT FROM THE LOCAL ELECTRIC UTILITY. CONTRACTOR TO VERIFY BEFORE ORDERING EQUIPMENT. PROVIDE THE CITY WITH A LETTER FROM THE UTILITY COMPANY STATING THE AVAILABLE FAULT CURRENT.
- CONTRACTOR TO VERIFY ALL CIRCUIT REQUIREMENTS WITH ACTUAL EQUIPMENT PROVIDED.
- ALL OUTLETS AND RECEPTACLES IN ALL ONE-HOUR FIRE-RATED PARTITIONS SHALL BE FIRE-STOPPED. ALL CONDUITS IN ALL ONE-HOUR FIRE-RATED PARTITIONS SHALL BE EMT. SEAL ALL POINTS OF PENETRATION WITH 3M FIRE BARRIER CAULK OR EQUAL.
- ALL PENETRATIONS OF ALL FIRE-RATED WALLS WITH A FIRE RATING OF MORE THAN ONE HOUR SHALL BE IN ACCORDANCE WITH AN APPROVED U.L. DESIGN DETAIL APPROVED BY KERN-COLEMAN AND CO., LLC
- LOW-VOLTAGE EQUIPMENT, SUCH AS SECURITY, AUDIO/VIDEO, ETC. IS TO BE PROVIDED BY OTHERS.

ELECTRICAL LEGEND

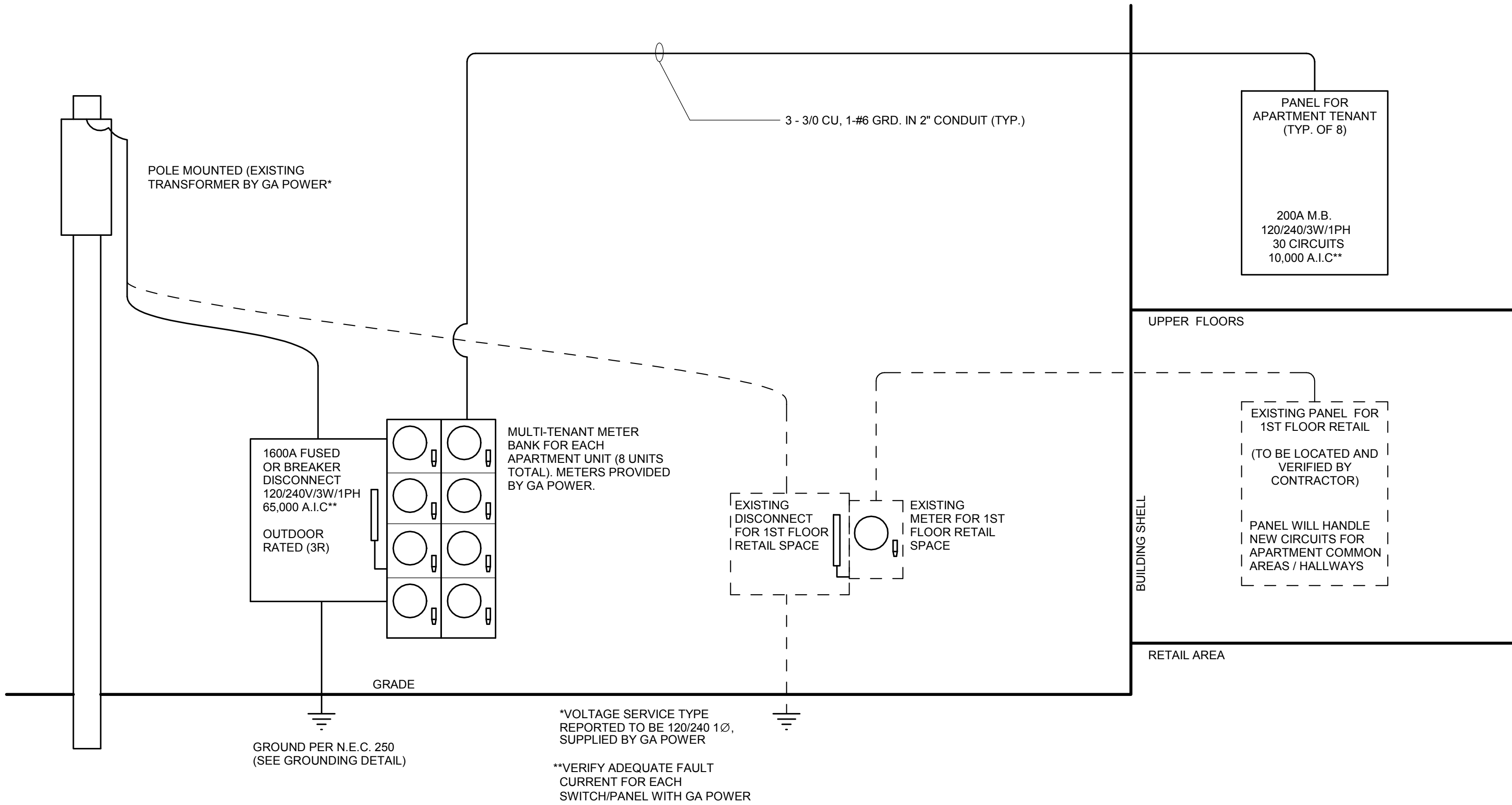
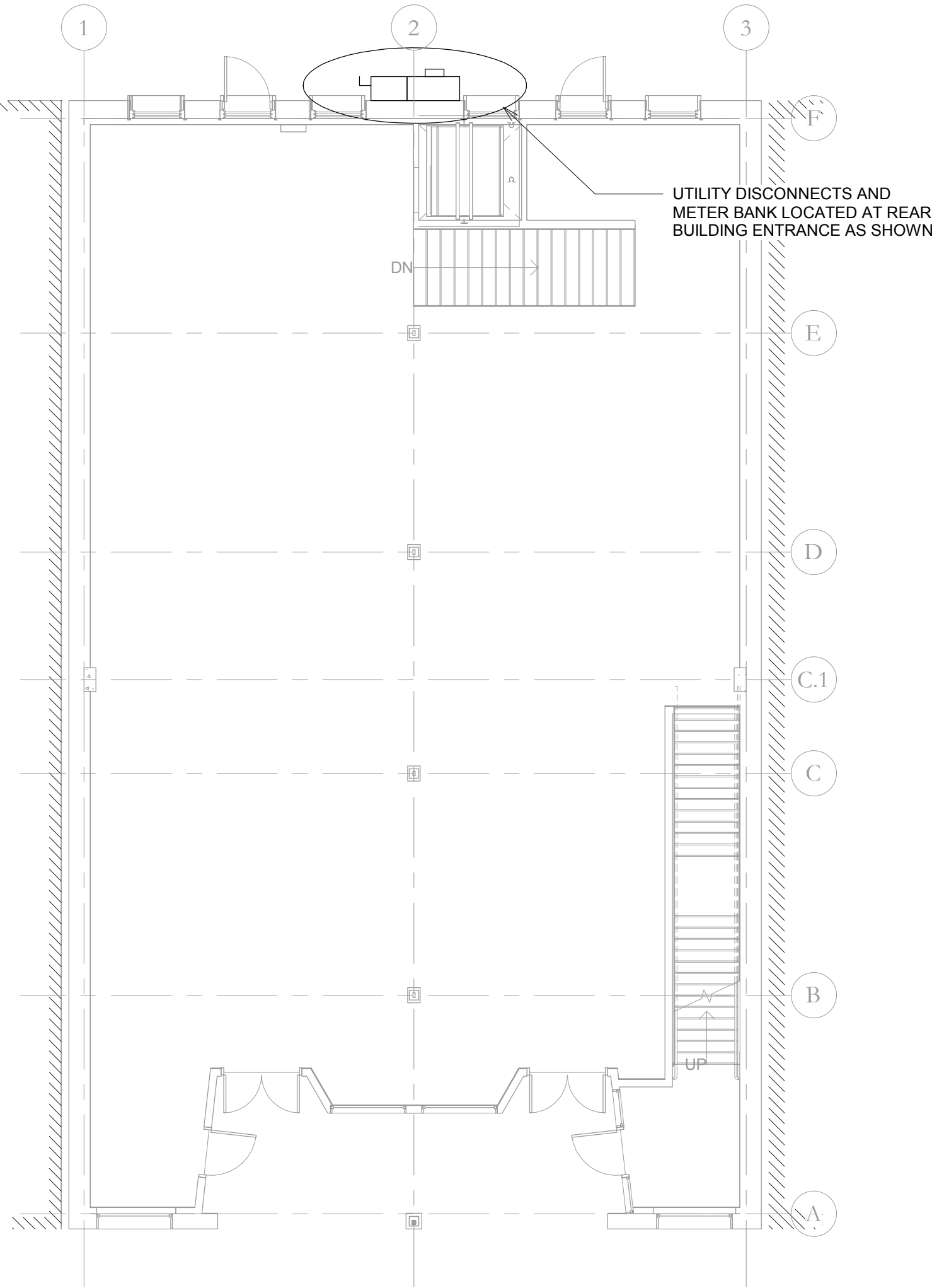
- DUPLEX RECEPTACLE OUTLET
- DUPLEX GFI RECEPTACLE OUTLET
- JUNCTION BOX
- 220 VOLT



2
E2.0

FIRST FLOOR METER & DISCONNECT LOCATION

SCALE: 1/8" = 1'-0"



ELECTRICAL RISER DIAGRAM

SCALE: N.T.S.

TYPICAL APARTMENT UNIT PANEL SCHEDULE

Supply From:
Mounting: Recessed
Enclosure: 1

Volts: 120/240 Single
Phases: 1
Wires: 3

A.I.C. Rating: 10,000
Mains Type: M.B.
Mains Rating: 200 A
MCB Rating: 200 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B
1	AHU (INDOOR HVAC UNIT)	35 A	2	4020 VA	4020 VA
2					
3	HP (OUTDOOR HVAC UNIT)	40 A	2	3407 VA	3407 VA
4					
5	RANGE*	60 A	2	2250 VA	2250 VA
6					
7	DRYER*	30 A	2	2300 VA	2300 VA
8					
9	EWB (CIRCUIT 1/2)	50 A	2	4500 VA	4500 VA
10					
11	EWB (CIRCUIT 2/2)	50 A	2	4500 VA	4500 VA
12					
13	BATHROOM GFI & EXH. FAN	20 A	1	209 VA	
14	CLOTHES WASHER*	20 A	1		200 VA
15	KITCHEN GFI RECEPTS.	20 A	1	360 VA	
16	KITCHEN RECEPTS.	20 A	1		700 VA
17	DISH WASHER*	20 A	1	200 VA	
18	LIVING ROOM RECEPTS.	20 A	1		1000 VA
19	BEDROOM RECEPTS.	20 A	1	1600 VA	
20	LED APARTMENT LIGHTING/CEILING FANS*	20 A	1		1900 VA
21	SPACE	-	-	0 VA	
22	SPACE	-	-		0 VA
23	SPACE	-	-	0 VA	
24	SPACE	-	-		0 VA
25	SPACE	-	-	0 VA	
26	SPACE	-	-		0 VA
27	SPACE	-	-	0 VA	
28	SPACE	-	-		0 VA
29	SPACE	-	-	0 VA	
30	SPACE	-	-		0 VA
Total Load:				22584 VA	23996 VA
Total Amps:				188 A	200 A

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	14785 VA	100.00%	14785 VA	
Lighting	1900 VA	100.00%	1900 VA	Total Conn. Load: 46579 VA
Power	18029 VA	100.00%	18029 VA	Total Est. Demand: 46579 VA
Electric Clothes Dryer	4600 VA	100.00%	4600 VA	Total Conn. Current: 194 A
Receptacle	8740 VA	100.00%	8740 VA	Total Est. Demand Current: 194 A

Notes:

SQUARE D OR EQUAL ACCEPTED

*VERIFY CIRCUIT REQUIRMENTS WITH EQUIPMENT

1ST FLOOR RETAIL PANEL SCHEDULE (EXISTING)

Location:
Supply From:
Mounting: Surface
Enclosure: EXISTING

Volts: 120/240 Single
Phases: 1
Wires: 3

A.I.C. Rating: EXISTING
Mains Type: EXISTING
Mains Rating: 400 A
MCB Rating: 400 A

Notes:

THIS PANEL IS EXISTING. TO BE LOCATED AND VERIFIED BY CONTRACTOR. THIS SCHEDULE SHOWS NEW CIRCUITS FOR APARTMENT COMMON AREAS, TO BE INSTALLED IN THIS EXISTING PANEL. EXISTING CIRCUITS ARE NOT SHOWN.

CKT	Circuit Description	Trip	Poles	A	B	Poles	Trip	Circuit Description	CKT
1	HALLWAY, STAIRCASE LED LIGHTING	20 A	1	1000 VA	0 VA	1	20 A	EXISTING CIRCUIT	7
2	HALLWAY RECEPTS.	20 A	1			1	20 A	EXISTING CIRCUIT	8
3	EXISTING CIRCUIT	20 A	1	0 VA	0 VA	1	20 A	EXISTING CIRCUIT	9
4	EXISTING CIRCUIT	20 A	1		0 VA	1	20 A	EXISTING CIRCUIT	10
5	EXISTING CIRCUIT	20 A	1	0 VA	0 VA	1	20 A	EXISTING CIRCUIT	11
6	...	20 A	1		0 VA	1	20 A	...	12
Total Load:				1000 VA	400 VA				
Total Amps:				8 A	3 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	1000 VA	100.00%	1000 VA	
Receptacle	400 VA	100.00%	400 VA	Total Conn. Load: 1400 VA
				Total Est. Demand: 1400 VA
				Total Conn. Current: 6 A
				Total Est. Demand Current: 6 A

Notes:

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NO.	DATE	REVISION
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2ND & 3RD FLOOR - APARTMENTS

DRAWING TITLE:

ELECTRICAL
RISER &
DETAILS

PROJECT NO: 180302000
DATE: 08/01/2019
DESIGN BY: NSF
DRAWN BY: NSF
CHECKED BY: JSK
SHEET NO:

E2.0

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