



ADDENDUM NO. 1

August 3, 2023

FOR:

Geiger House
2631 Gilbert Avenue
Cincinnati, OH 45206

PREPARED BY:

Emboss Design (formerly PCA)
906 Monmouth Street
Newport, KY 41071

BID EXTENSION – The bid date has been extended to Tuesday, August 15th at 2:00 pm.

DRAWINGS:

1. C-03 GRADING & UTILITY PLANS

- Added top elevations and invert elevations to sheet for various pipes and structures
- Added note for size of new water line
- Added note for hot box
- Revised notes for sizes and lengths of various pipes
- Added note clarifying RCP or DIP for storm sewer pipe

2. C-04 SITE DETAILS

- Revised pipe size note for underdrain detail
- Revised detention outlet structure detail

3. A101 FIRST FLOOR PLAN

- Removed window W2 previously shown behind sink in Community Room 107
- Revised sink type in RR 113 and enlarged room 3 ¾" to the North

4. A201 EXTERIOR ELEVATIONS

- Removed Window W2 under front entry porch and added dimension letters where window previously shown.

5. A302 ENLARGED PLANS

- Revised sink type in RR 113 and enlarged room 3 ¾" to the North
- Added enlarged community room kitchenette plan to sheet



6. A303 INTERIOR ELEVATIONS

- Added notes for outside corners to be radiused in response to OHFA review comment.
- Added elevation for Restroom 113 showing revised sink
- Added elevations for Community Room Kitchenette

7. P100 PLUMBING BASEMENT PLAN

- Removed cleanout in Corridor 002 floor in response to OHFA review comment

8. P101 PLUMBING FIRST FLOOR PLAN:

- Removed cleanouts in Corridor 106 and 108 floor in response to OHFA review comment

9. P300 PLUMBING DETAILS, SCHEDULES, AND ISOMETRIC:

- Revised WC1 water closet plumbing fixture

10. P301 PLUMBING DETAILS, SCHEDULES, AND ISOMETRIC:

- Removed floor cleanouts in response to OHFA review comment

11. E301 ELECTRICAL ENLARGED UNIT PLANS

- Provided additional audible and visual notifiers for doorbell in bedroom and bathroom for Sensory Impairment Units U213 and U305 in response to OHFA review comment

12. E400 ELECTRICAL DETAILS:

- Revised single line diagram and feeder schedule

13. E401 ELECTRICAL DETAILS:

- Revised MDP Schedule
- Added information for Feeder Raceway and Conductors for CT-CAB schedules

14. E403 ELECTRICAL DETAILS:

- Revised Bus Amps on Schedules

15. E404 ELECTRICAL DETAILS:

- Revised Bus Amps on Schedules

16. E405 ELECTRICAL DETAILS:

- Revised Bus Amps on Schedules

QUESTIONS AND ANSWERS:

1. What is the basis of design for the cabinets and countertops?
 - a. Model – The basis of design is a stained cabinet by Smart Cabinets with full plywood construction. Cabinets shall have soft close doors and drawers. Door style to be Group 1. The



plastic laminate countertops shall be standard Group 1 colors. Cultured marble countertops shall be standard colors.

2. Are the wood doors solid core or hollow core?
 - a. All wood doors shall be solid core.
3. Who is responsible for backfilling the existing basement?
 - a. **BP 31 Site Work** is responsible for backfilling the existing basement and footings. The demolition contractor shall set back the grade 1:1 at foundation walls.
4. What is the specification for the ACT ceilings?
 - a. Ceilings shall be 2x2 tegular ceiling pads.
5. Sheet S140 does not show the hoist beam. Please provide beam size and weight along with bearing details.
 - a. Include a \$2,000 allowance for the hoist beam material.
6. The specified range is no longer available and is a front control standard range.
 - a. Provide a similar model range to the specified range. ADA units shall have the front control ranges. Non-ADA units do NOT require front controls.
7. Do all units need ADA refrigerators?
 - a. No, only the ADA units require ADA refrigerators.
8. Will elevator access be available for appliance deliveries?
 - a. Assume the elevator will NOT be available.
9. What color are the appliances to be?
 - a. Appliances shall be white.
10. What are the hollow metal door, frame and hardware specs?
 - a. Hollow metal doors shall be 18 gauge. Hollow metal frames shall be 16 gauge. Door hardware shall be Grade 2 hardware.
11. Who is responsible for hauling out existing trash and furniture?
 - a. Demolition Contractor shall include a \$15,000 allowance for removing existing trash and furniture left behind by the owner.
12. Will building demolition quotes be taken separately or are they required to be included in the Site Work package.
 - a. Building demolition numbers will be accepted separately. The building demolition contractor shall include sloping the grade at removed foundation walls at a 1:1 slope. The site contractor is



responsible for backfilling the existing basement and old foundations as required. Spoils from the storm detention system may be used for backfilling the existing basement.

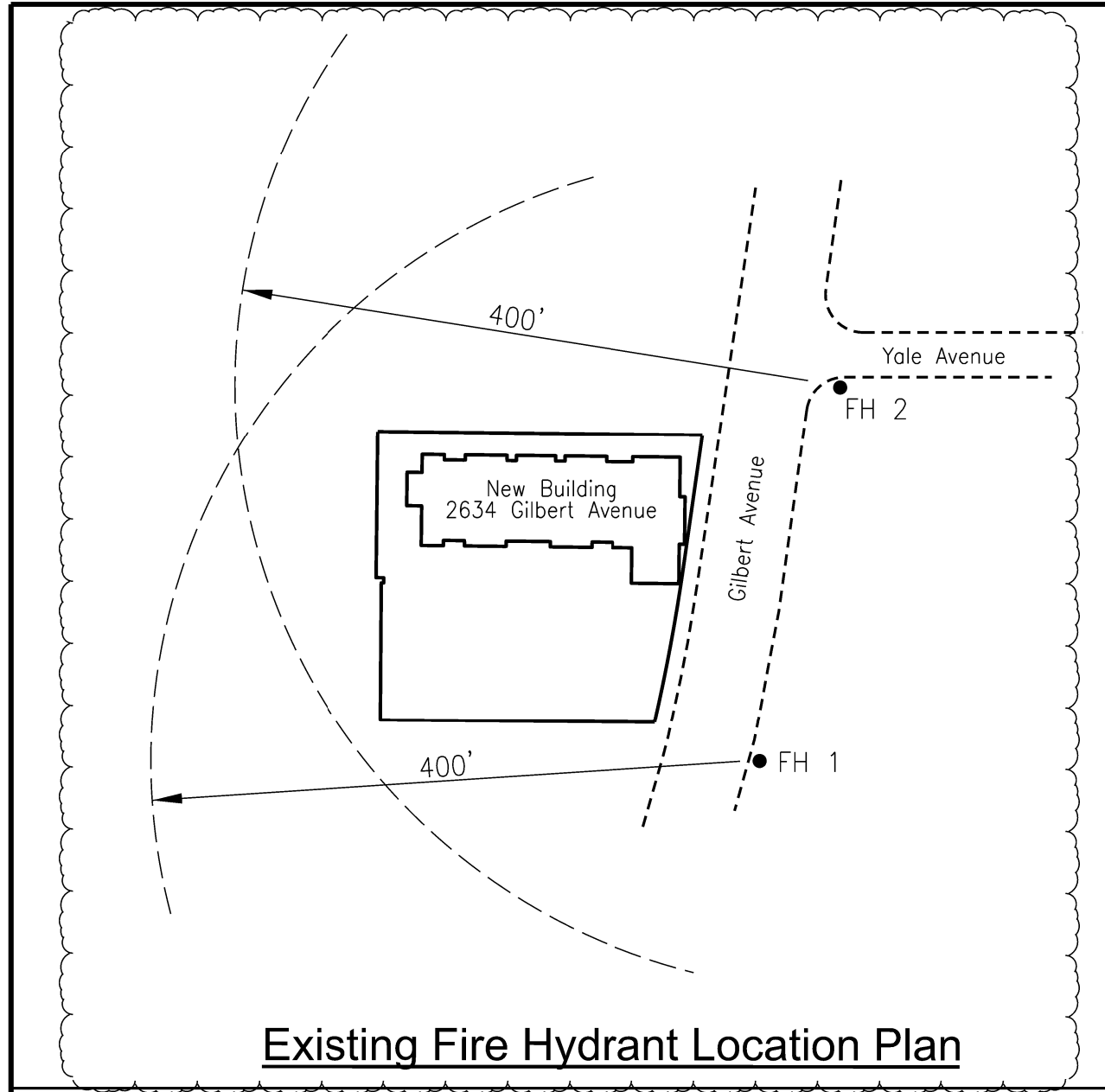
13. Will the sidewalk be closed during demolition?
 - a. Yes, the sidewalk will be closed during demolition and site work. The sidewalk closure permit will be covered by Model. The site work contractor shall include removing the City sidewalks even though they are not called out. The concrete contractor shall include pouring new City sidewalks. Curb is to remain unless noted otherwise.

14. Who is responsible for the temporary shoring at the street?
 - a. Model will procure separate pricing for the temporary shoring at the street, if required.

15. Do wood doors get painted or are they prefinished?
 - a. All wood doors will be factory primed and painted in the field.

16. What is the domestic water meter size?
 - a. The water meter shall be 1.5".

End of Addendum 1



Existing Fire Hydrant Location Plan

675.47 - Denotes Existing Elevation
 685.00 F/G - Denotes Proposed Elevation

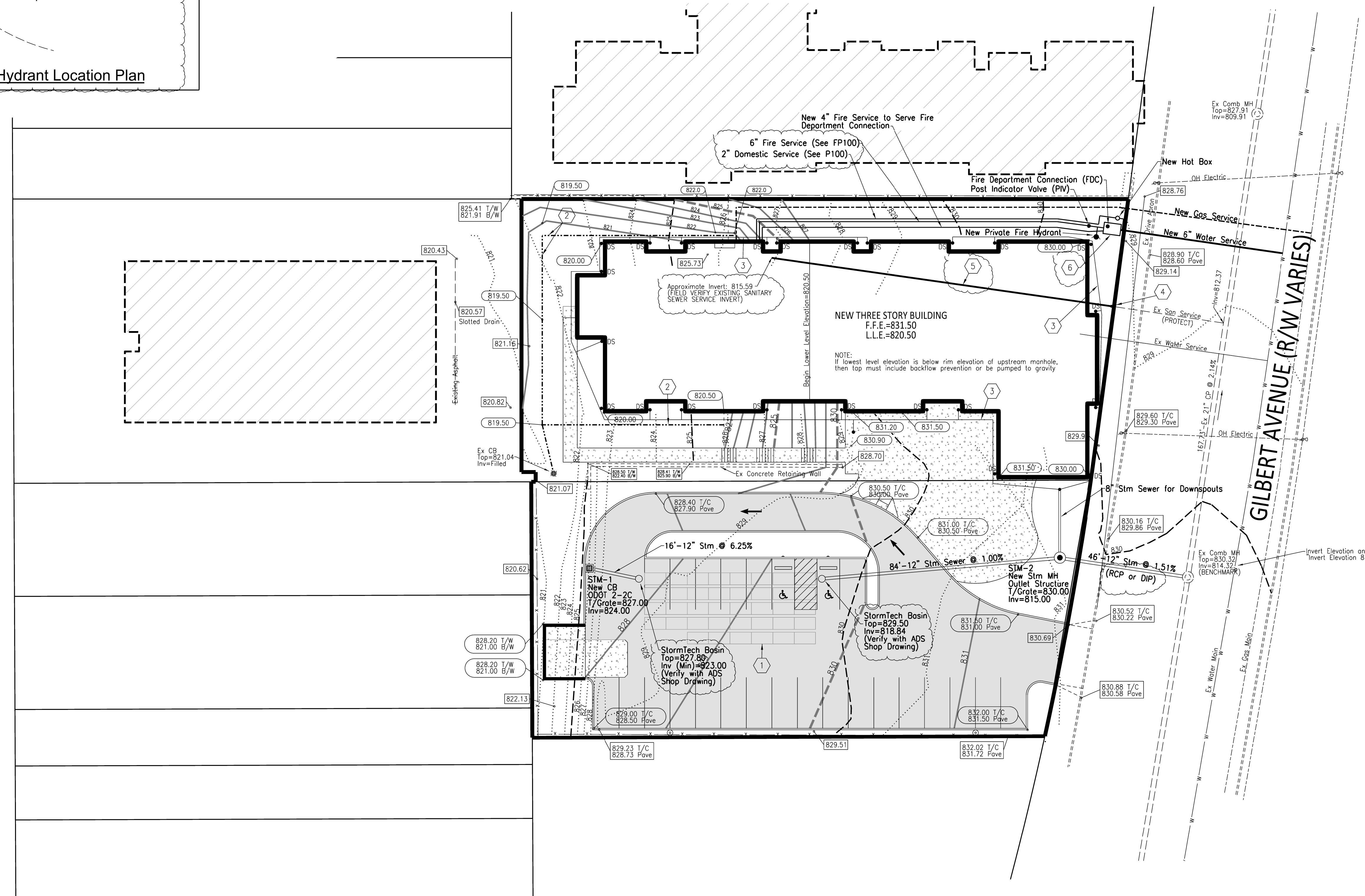
GENERAL NOTES:

- A. ENGINEER/OWNER/CLIENT shall not be responsible for the means, methods, techniques, sequences or procedures of construction selected by the Contractor.
- B. CIVIL ENGINEER of record (Steve Stewart 513.616.9694) shall field verify design intent of proposed grade stakes prior to construction.
- C. The locations of the underground facilities shown on this plan are based on field surveys and local utility company records. The engineer does not guarantee their accuracy. The contractor shall field verify utility locations with utility companies prior to any field work. The contractor is solely responsible for verifying all existing utility locations.
- D. All site work shall be completed in accordance with the latest addition of "State of Ohio Department of Transportation Construction and Material Specifications", City of Cincinnati's "2008 City Supplement to ODOT".
- E. Contractor to install all erosion control measures as required by Local & State regulations prior to any earth moving activities.

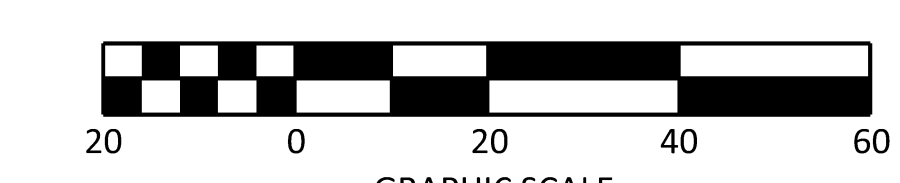
NOTES THIS DRAWING:

1. New Underground Detention, StormTech SC-740 Chambers (12" Granular Base), Minimum System Subgrade Elevation=820.00. See Volume Summary on Sheet C-04.
2. New 4" Ucerdrain - See Detail on Sheet C-04.
3. New 6" Storm Sewer (PVC) @ 1.00% Minimum Slope.
4. New 6" Sanitary Sewer Cleanout - FIELD VERIFY EXISTING INVERT. Approximate Invert: 813.17
5. New 6" Sanitary Sewer Service (PVC SDR-3 Min 2.00% Slope - OUTSIDE BUILDING), UNDER BUILDING per Plumbing Plans (See Sheet P300 Note 8)
6. New Dual Service Water Meter (GCWW 108-14A), 6" Fire Service, 2" Domestic Service, 1 1/2" Domestic Meter.

MELROSE AVENUE (60' R/W)



GILBERT AVENUE (R/W VARIES)



GRADING AND UTILITY PLAN
 for
Geiger House for Veterans/Klekamp Family Residences
 2631 Gilbert Avenue
 Auditor Parcel: 067-0002-0078 & 0079
 City of Cincinnati
 Hamilton County, Ohio

TALBERT SERVICES
 2600 Victory Parkway
 Cincinnati, Ohio 45206

modelgroup

genesis design llc
 Cincinnati, Ohio - (513) 636-9694 - email: genesisdesignllc@gmail.com

SHEET TITLE GRADING & UTILITY PLAN	
DESIGNED S.C.S.	JOB NO.
DRAWN F.O.S.	SHEET NO.
CHECKED S.C.S.	C-03
DATE November 2022	

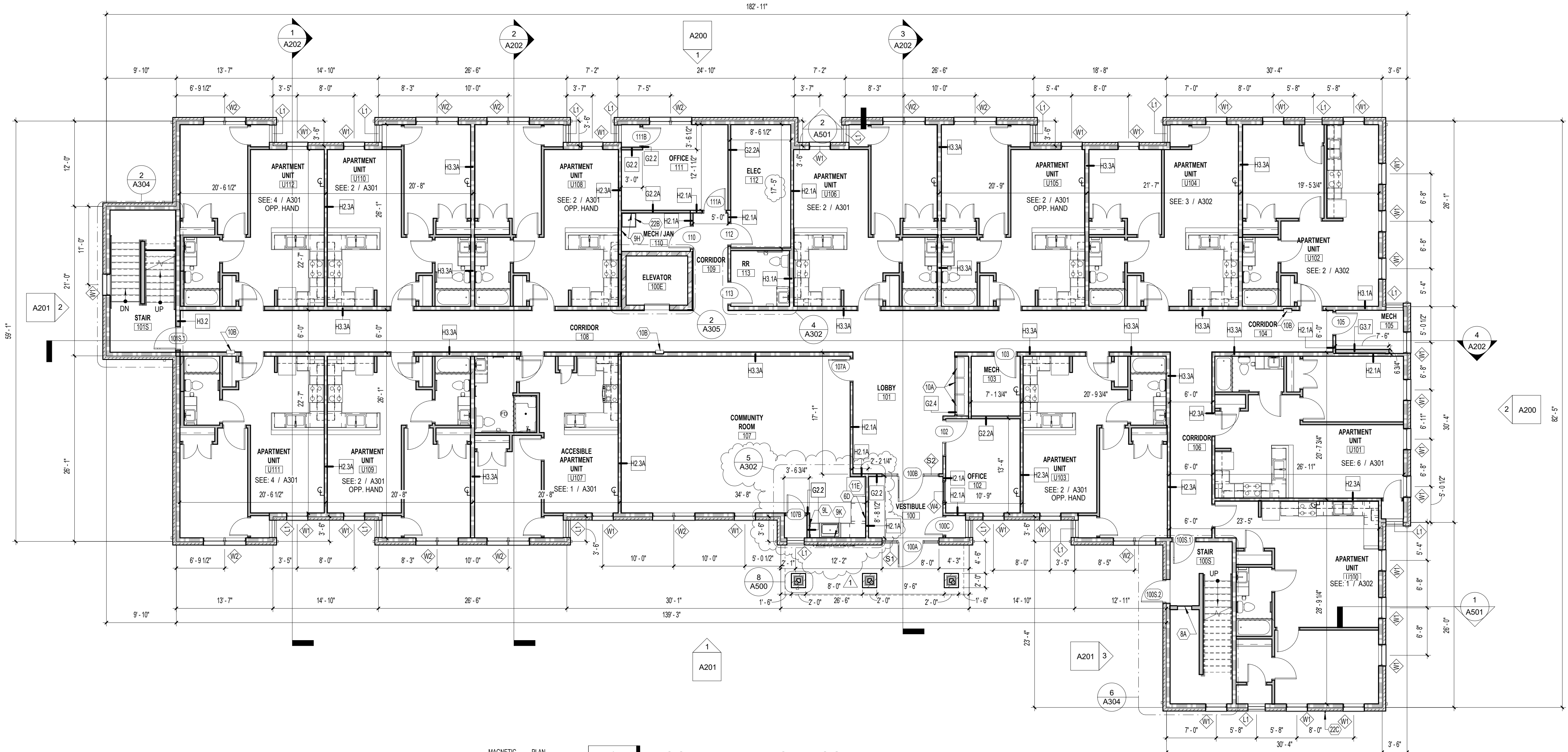
NO.	DATE	DESCRIPTION	BY
C	08-02-23	ADDENDUM 1	
B	06-20-23	PERMIT REVISIONS	
A	06-02-23	PERMIT REVISIONS	
	04-13-23	PERMIT SET	
	01-04-23	80% OHPA REVIEW	

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WALL TYPES		
Type Mark	Description	Fire Rating
C1.2	NEW FURRING: 5/8" GYPSUM BOARD (ONE SIDE) OVER 7/8" X 20 GA. HAT CHANNELS AT 16" O.C.	-
G2.2	NEW PARTITION: 5/8" GYPSUM BOARD (BOTH SIDES) OVER 2X4 WOOD STUDS AT 16" O.C. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	-
G2.2A	NEW PARTITION: 5/8" GYPSUM BOARD (BOTH SIDES) OVER 2X4 WOOD STUDS AT 16" O.C. FILL STUD CAVITIES WITH SOUND ATTENUATION BATT. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	-
G2.4	NEW PARTITION: 5/8" GYPSUM BOARD (ONE SIDE) OVER 2X4 WOOD STUDS AT 16" O.C. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	-
G2.4A	NEW PARTITION: 5/8" GYPSUM BOARD (ONE SIDE) OVER 1/2" RESILIENT CHANNEL @ 24" O.C. (ONE SIDE) OVER 2X4 WOOD STUDS AT 16" O.C. FILL STUD CAVITIES WITH SOUND ATTENUATION BATT. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	1
G2.6	5/8" MOISTURE-RESISTANT PAPERLESS GYPSUM BOARD (TUBISHOWER SIDE) AND 5/8" GYPSUM BOARD (NON-TUBISHOWER SIDE) OVER 2X4 WOOD STUDS AT 16" O.C. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	-
G2.7	NEW PARTITION: 5/8" MOISTURE-RESISTANT PAPERLESS GYPSUM BOARD (TUBISHOWER SIDE) OVER 2X4 WOOD STUDS AT 16" O.C. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	-
G3.2	NEW PARTITION: 5/8" GYPSUM BOARD (BOTH SIDES) OVER 2X6 WOOD STUDS AT 16" O.C. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	-
G3.4	NEW PARTITION: 5/8" GYPSUM BOARD (ONE SIDE) OVER 2X6 WOOD STUDS AT 16" O.C. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	-
G3.7	NEW PARTITION: 5/8" MOISTURE-RESISTANT PAPERLESS GYPSUM BOARD (TUBISHOWER SIDE) OVER 2X6 WOOD STUDS AT 16" O.C. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	-
G4.1	5/8" GYPSUM BOARD (BOTH SIDES) OVER 2X4 WOOD STUDS AT 16" O.C. PARTITION SHALL EXTEND TO UNDERSIDE OF GYPSUM BOARD CEILING. WALL MUST BE SMOKE TIGHT	SMOKE
H2.1	NEW (1) HOUR FIRE RATED PARTITION PER U.L. #U305: 5/8" TYPE 'X' GYPSUM BOARD (BOTH SIDES) OVER 2X4 WOOD STUDS AT 16" O.C. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	1
H2.1A	NEW (1) HOUR FIRE RATED PARTITION PER U.L. #U305: 5/8" TYPE 'X' GYPSUM BOARD (BOTH SIDES) OVER 2X4 WOOD STUDS AT 16" O.C. FILL STUD CAVITIES WITH SOUND ATTENUATION BATT. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	1
H2.2	NEW (2) HOUR FIRE RATED PARTITION PER U.L. #U301: (2) LAYERS 5/8" TYPE 'X' GYPSUM BOARD (BOTH SIDES) OVER 2X4 WOOD STUDS AT 16" O.C. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	2
H2.3A	NEW (1) HOUR FIRE RATED PARTITION PER U.L. #U327: 5/8" TYPE 'X' GYPSUM BOARD (BOTH SIDES) OVER 1/2" RESILIENT CHANNEL @ 24" O.C. (ONE SIDE) OVER 2X4 WOOD STUDS AT 16" O.C. FILL STUD CAVITIES WITH SOUND ATTENUATION BATT. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	1
H3.1A	NEW (1) HOUR FIRE RATED PARTITION PER U.L. #U305: 5/8" TYPE 'X' GYPSUM BOARD (BOTH SIDES) OVER 2X6 WOOD STUDS AT 16" O.C. FILL STUD CAVITIES WITH SOUND ATTENUATION BATT. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	1
H3.2	NEW (2) HOUR FIRE RATED PARTITION PER U.L. #U301: (2) LAYERS 5/8" TYPE 'X' GYPSUM BOARD (BOTH SIDES) OVER 2X6 WOOD STUDS AT 16" O.C. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	2
H3.3A	NEW (1) HOUR FIRE RATED PARTITION PER U.L. #U327: 5/8" TYPE 'X' GYPSUM BOARD (BOTH SIDES) OVER 1/2" RESILIENT CHANNEL @ 24" O.C. (ONE SIDE) OVER 2X6 WOOD STUDS AT 16" O.C. FILL STUD CAVITIES WITH SOUND ATTENUATION BATT. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	1
J2.2	5/8" GYPSUM BOARD (ONE SIDE) OVER 2X4 WOOD FURRING SIDE FRAMED AT 16" O.C. PARTITION SHALL EXTEND TO UNDERSIDE OF GYPSUM BOARD CEILING.	-
M3.2	NEW (2) HOUR FIRE RATED PARTITION PER U.L. #U905: 8" CMU WALL WITH HORIZONTAL REINFORCING AT 16" O.C. VERTICALLY.	2

- GENERAL NOTES - FLOOR PLANS**
- A. ALL DIMENSIONS ARE TO FACE OF STUD OR FACE OF MASONRY UNLESS NOTED OTHERWISE.
 - B. SEE SHEET G102 FOR WALL TYPES
 - C. PROVIDE BLOCKING IN WALLS AROUND TUBISHOWER (ALL SIDES) AND TOILET FOR POTENTIAL FUTURE GRAB BARS
 - D. PROVIDE 2x8 BLOCKING TOP AND BOTTOM OF ALL WALL CABINETS
 - E. OFFSET NEW DOORS FROM ADJACENT PERPENDICULAR WALL 4" UNLESS INDICATED OTHERWISE
 - F. PROVIDE UL LISTED FIRESTOPPING AT ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOOR TO MAINTAIN THE REQUIRED FIRE RESISTANCE RATING OF THE ASSEMBLY.
 - G. WASHERS AND DRYERS SHALL BE ENERGY STAR RATED.
 - H. PROVIDE 1/2" SOLID ACRYLIC RESIN WINDOW STOOL EXTENDING 1/2" BEYOND FACE OF GYPSUM AT ALL WINDOWS.
 - I. A RADON MITIGATION SYSTEM WILL BE PROVIDED UNDER SEPARATE CONTRACT. COORDINATE PIPE RUNS FOR THIS SYSTEM WITH MEP EQUIPMENT AND WALL, WHERE POSSIBLE. PIPES SHALL BE LOCATED IN NEW WALLS, WHERE NOT POSSIBLE TO LOCATE PIPES WITHIN CURRENTLY SHOWN WALLS, PIPES SHALL BE BOXED OUT TO MINIMUM DIMENSION.

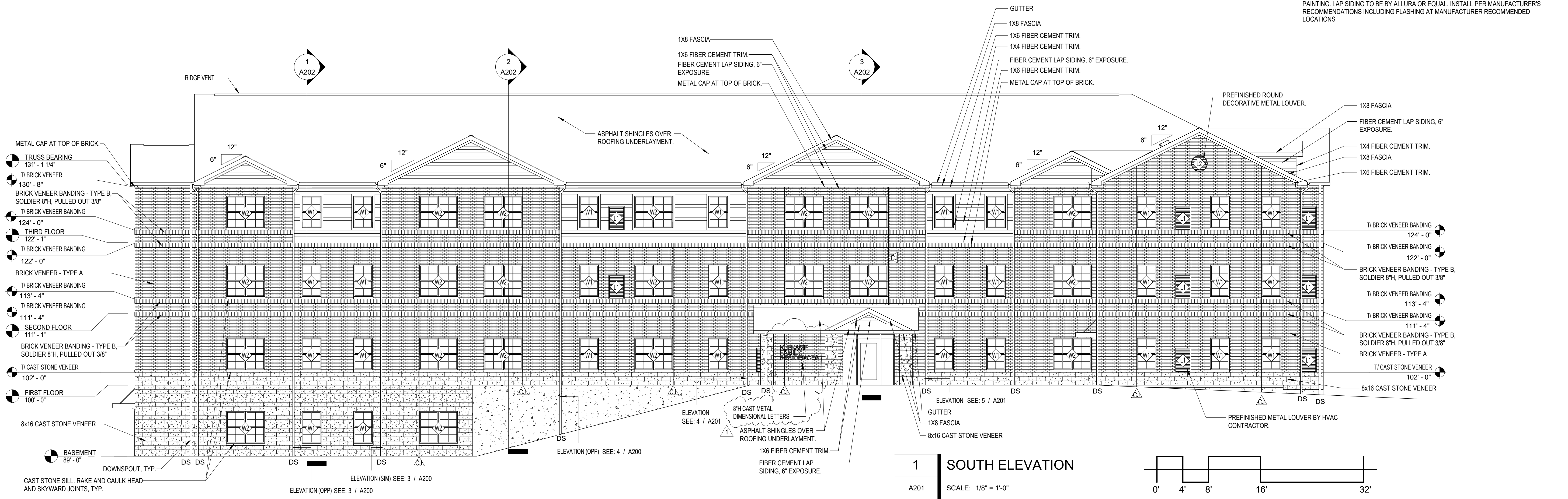
- SHEET KEYNOTES**
- 6D PLASTIC LAMINATE COUNTER.
 - 8A 24" W X 48" H ACCESS DOOR.
 - 9H PROVIDE 5/8" MOISTURE-RESISTANT GYPSUM BOARD ON THIS FACE OF WALL.
 - 9K PROVIDE 5/8" MOISTURE-RESISTANT PAPERLESS GYPSUM BOARD THIS FACE AT WALL BEHIND SINK TO A HEIGHT OF 4'-0" (OR TOP OF KNEE WALL WHERE APPLICABLE). REMAINDER OF WALL FACE TO BE MOISTURE-RESISTANT GYPSUM BOARD.
 - 9L PROVIDE 5/8" MOISTURE-RESISTANT GYPSUM BOARD ON THIS FACE OF WALL AT PORTIONS OF WALL WITHIN 4'-0" OF SINK HORIZONTALLY AND VERTICALLY.
 - 10A MAILBOXES - PROVIDE SALSBURY INDUSTRIES 3600 SERIES MAILBOXES. (2) 24 UNIT MODEL #3625AFP AND (1) 14 UNIT MODEL #3615FP OR EQUIV. FRONT LOADING, PRIVATE ACCESS. VERIFY REQUIRED WALL OPENING.
 - 10B SEMI-RECESSED FIRE EXTINGUISHER CABINET AND EXTINGUISHER.
 - 11E ICC ANSI A117.1 COMPLIANT, ENERGY STAR QUALIFIED REFRIGERATOR - FRIGIDAIRE #FF1814Q OR EQUAL. AT LEAST 505 OF FREEZER SHELVES, INCLUDING BOTTOM OF THE FREEZER. 54" MAXIMUM ABOVE THE FLOOR WHEN THE SHELVES ARE INSTALLED AT MAXIMUM HEIGHTS POSSIBLE.
 - 22B MOP SINK. SEE MEP DRAWINGS.
 - 22C HOSE BIBB. SEE MEP DRAWINGS.



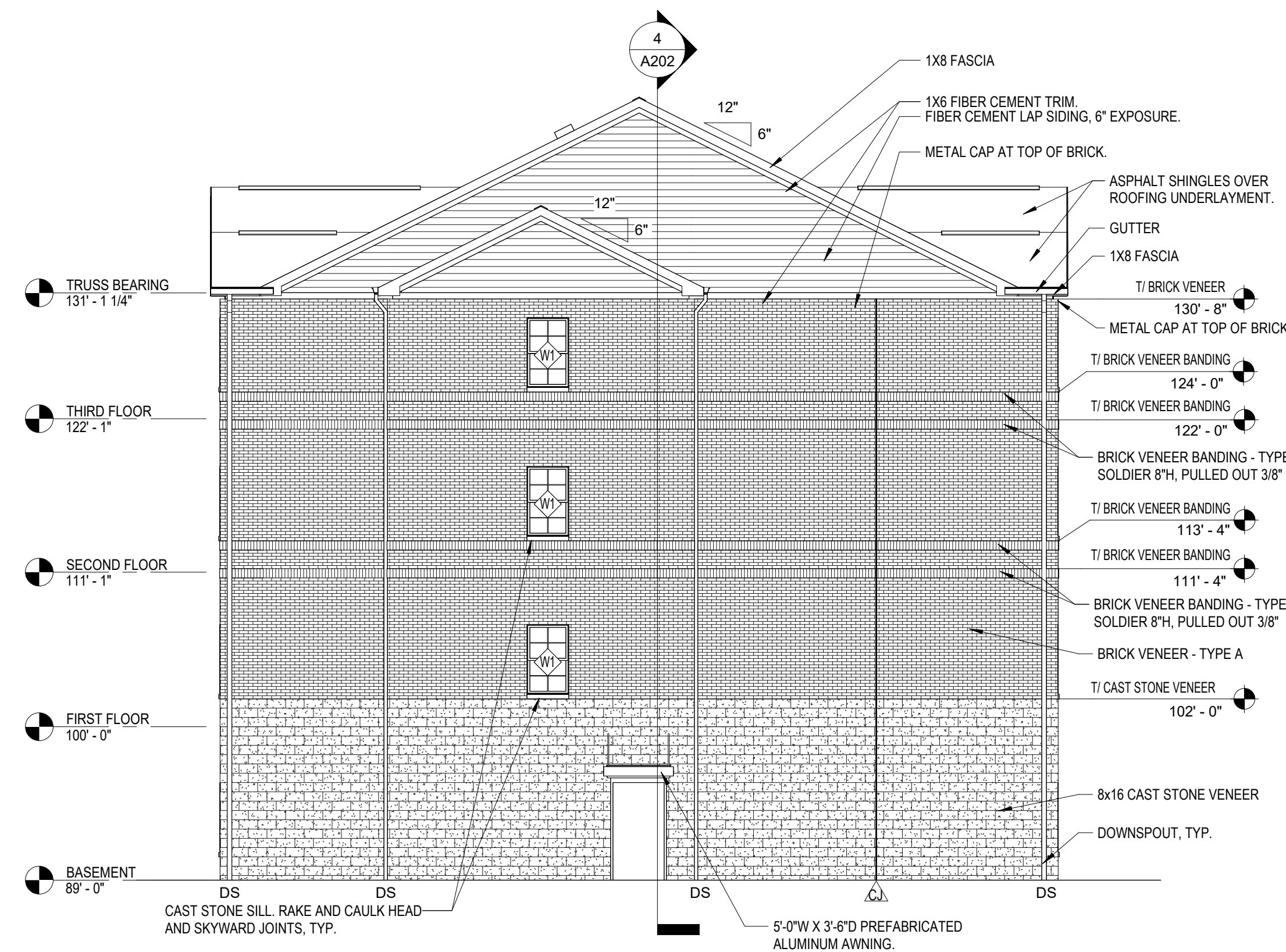
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GENERAL NOTES - ELEVATIONS

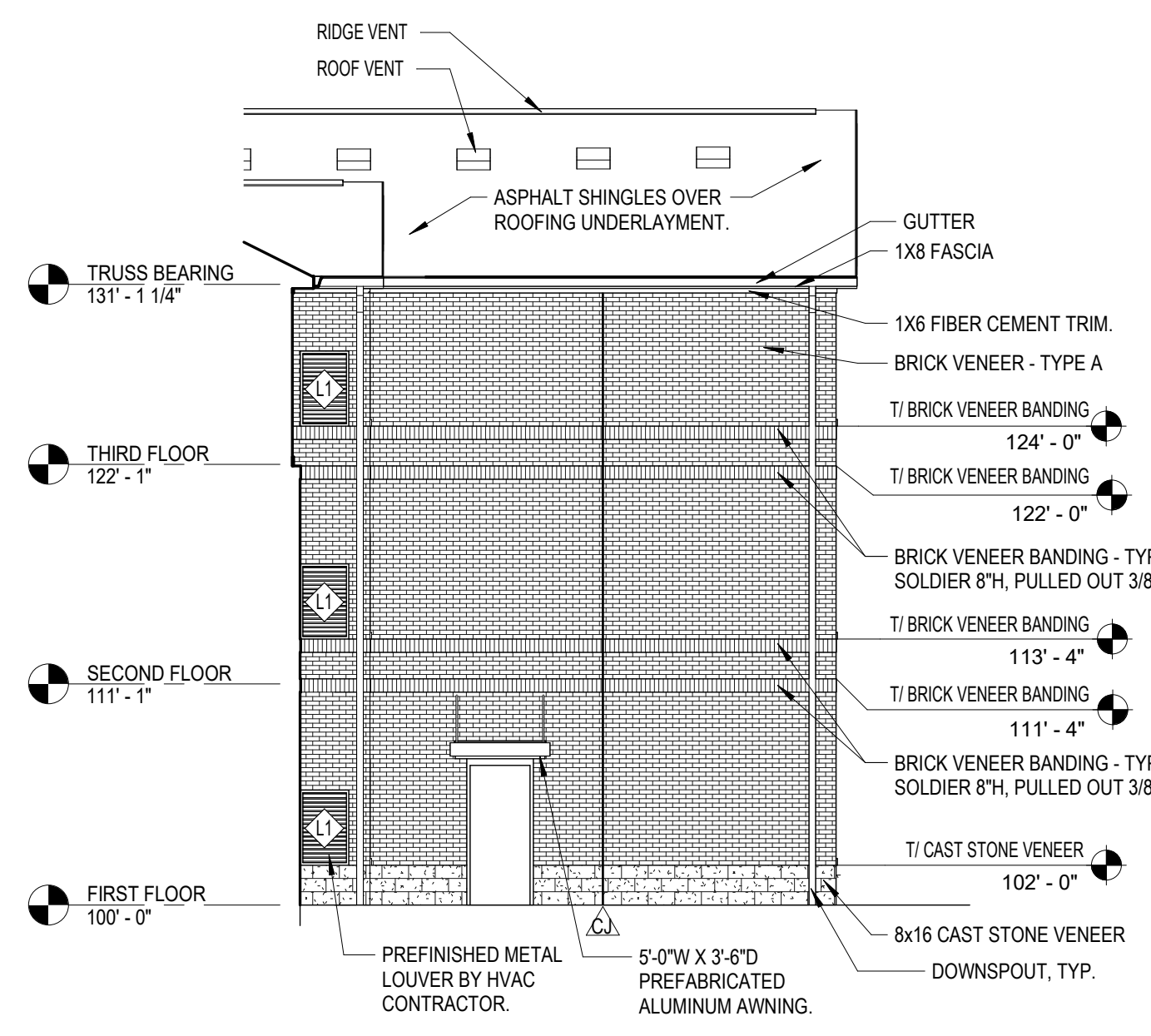
- A. DOWNSPOUTS (DS) TO BE CONNECTED TO STORMWATER DRAINAGE SYSTEM
- B. PROVIDE CORRUGATED BRICK WALL TIES (16 GA. HOT DIP GALVANIZED) 16" O.C. VERTICALLY AND HORIZONTALLY.
- C. PROVIDE THRU WALL FLASHING AND WEEP HOLES AT 32" O.C. @ BASE OF BRICK/CAST STONE VENEER AND ABOVE ALL WINDOWS, DOORS, AND OTHER PENETRATIONS THAT REQUIRE LINTEL.
- D. FIBER CEMENT SIDING AND TRIM TO HAVE SMOOTH FINISH AND BE PRIMED FOR FIELD PAINTING. LAP SIDING TO BE BY ALLURA OR EQUAL. INSTALL PER MANUFACTURER'S RECOMMENDATIONS INCLUDING FLASHING AT MANUFACTURER RECOMMENDED LOCATIONS



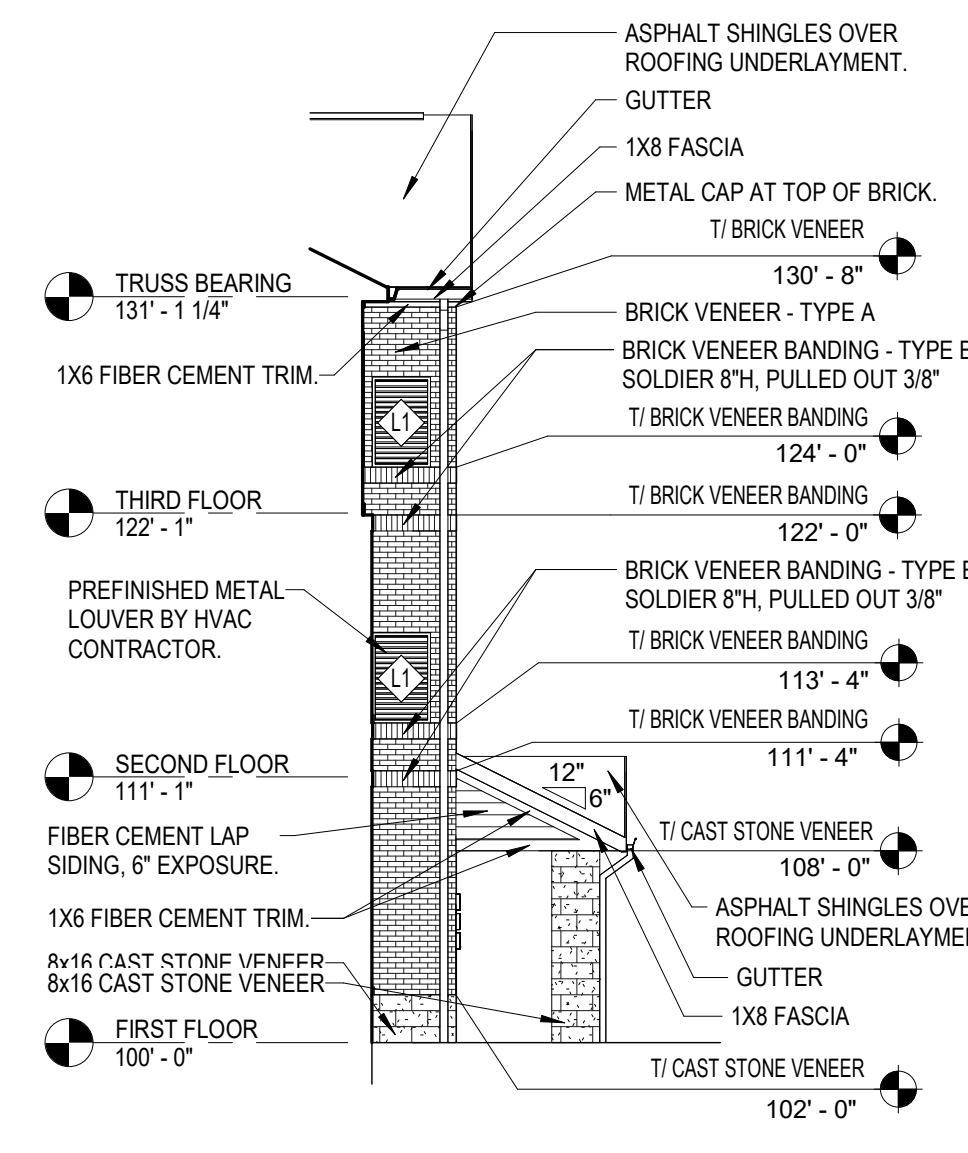
1 SOUTH ELEVATION
A201 SCALE: 1/8" = 1'-0"



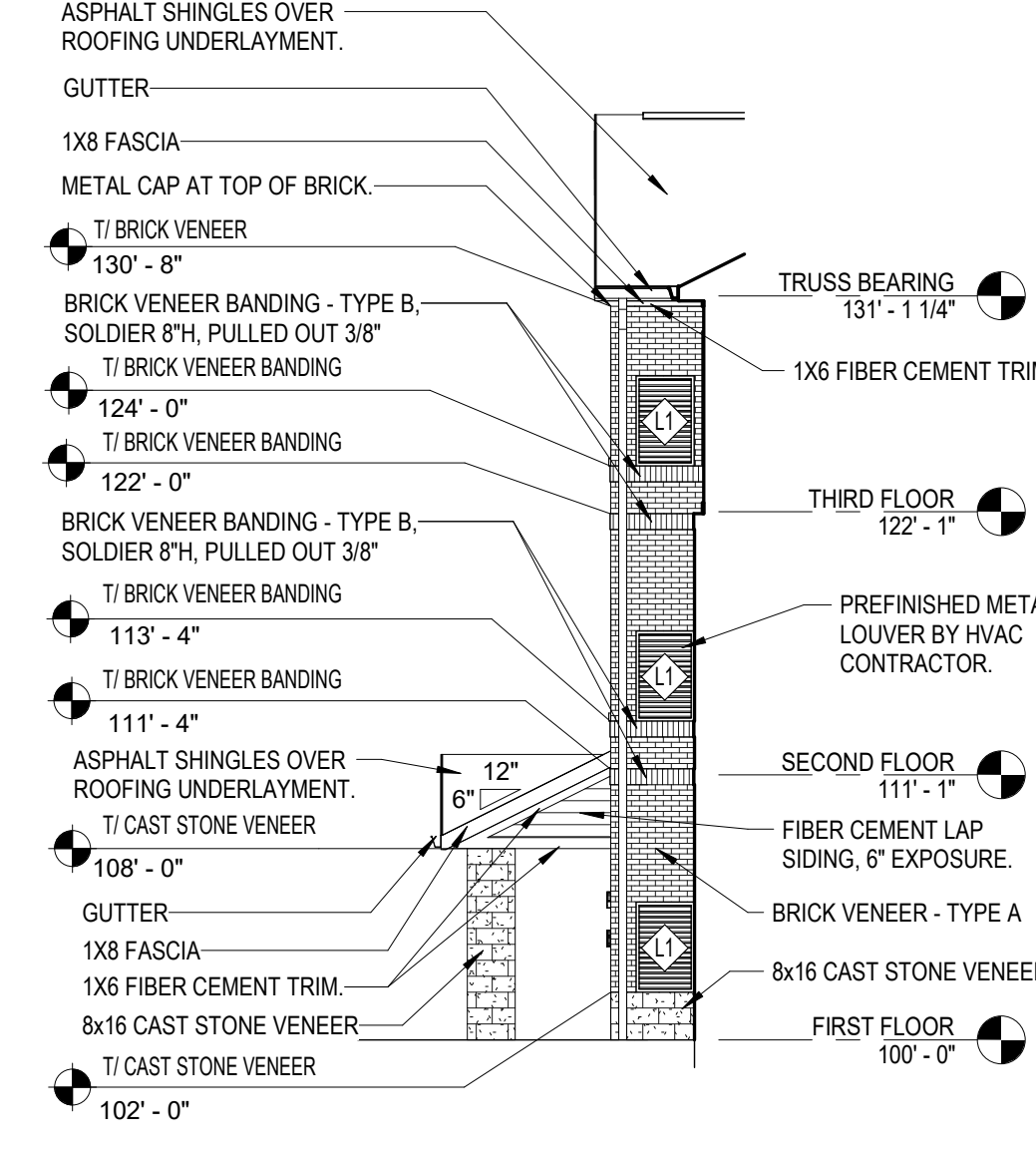
2 WEST ELEVATION
A201 SCALE: 1/8" = 1'-0"



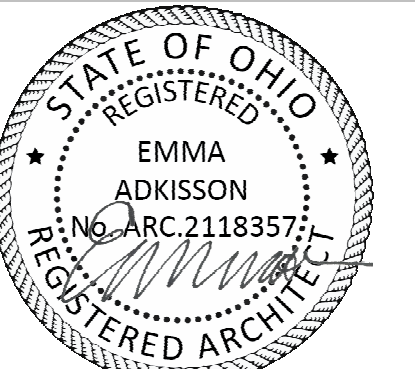
3 PARTIAL WEST ELEVATION
A201 SCALE: 1/8" = 1'-0"



4 ELEVATION
A201 SCALE: 1/8" = 1'-0"



5 ELEVATION
A201 SCALE: 1/8" = 1'-0"



EMMA ADKISSON, LIC# 2118357
EXPIRATION DATE 12/31/2023

**GEIGER HOUSE FOR VETERANS /
KLEKAMP FAMILY RESIDENCES PSH**

2631 GILBERT AVE.
Cincinnati, OH 45206

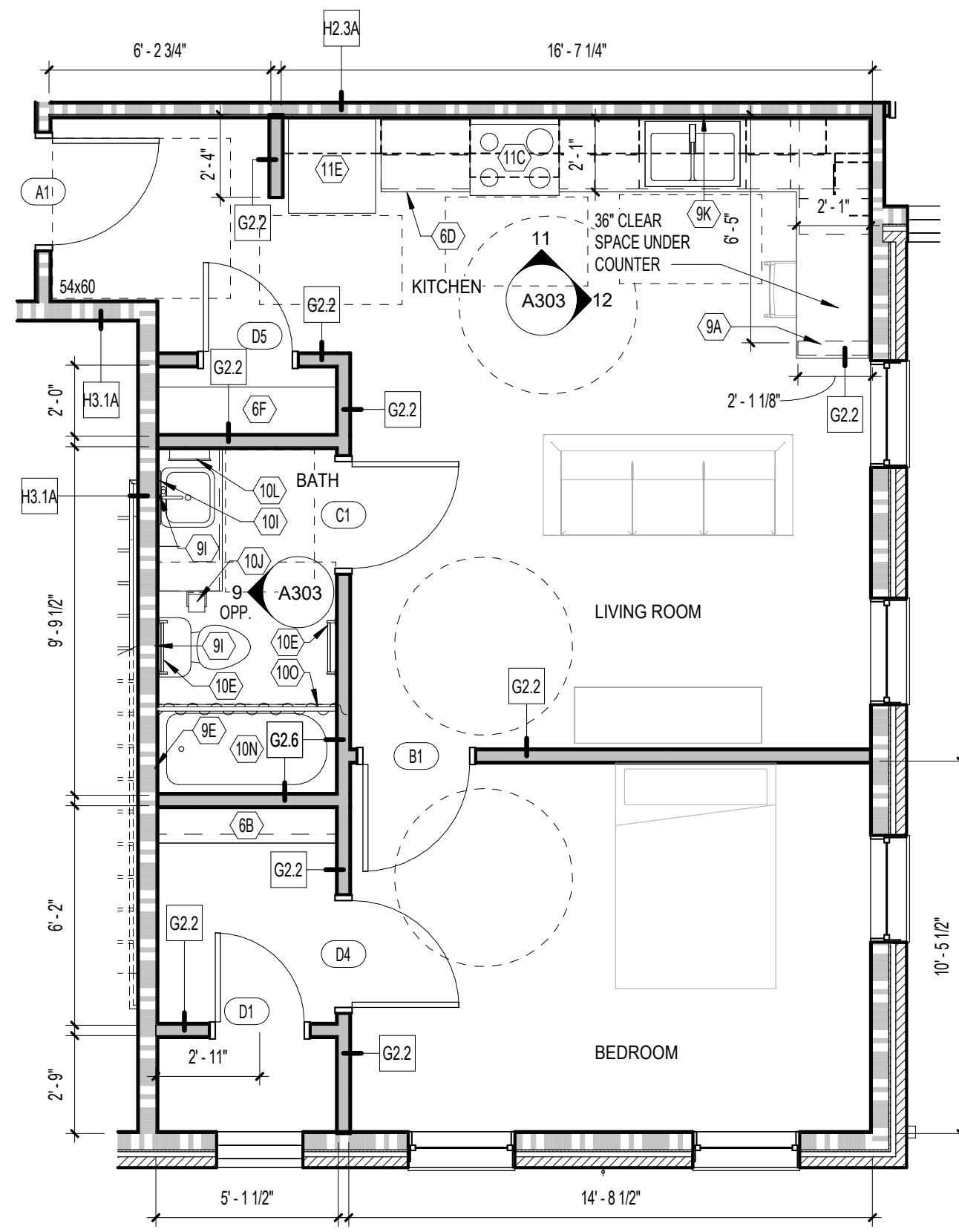
NO.	DESCRIPTION	DATE
	80% OHFA REVIEW	01/04/23
	PERMIT SET	04/13/23
1	ADDENDUM 1	08/02/23

EXTERIOR ELEVATIONS

21-116

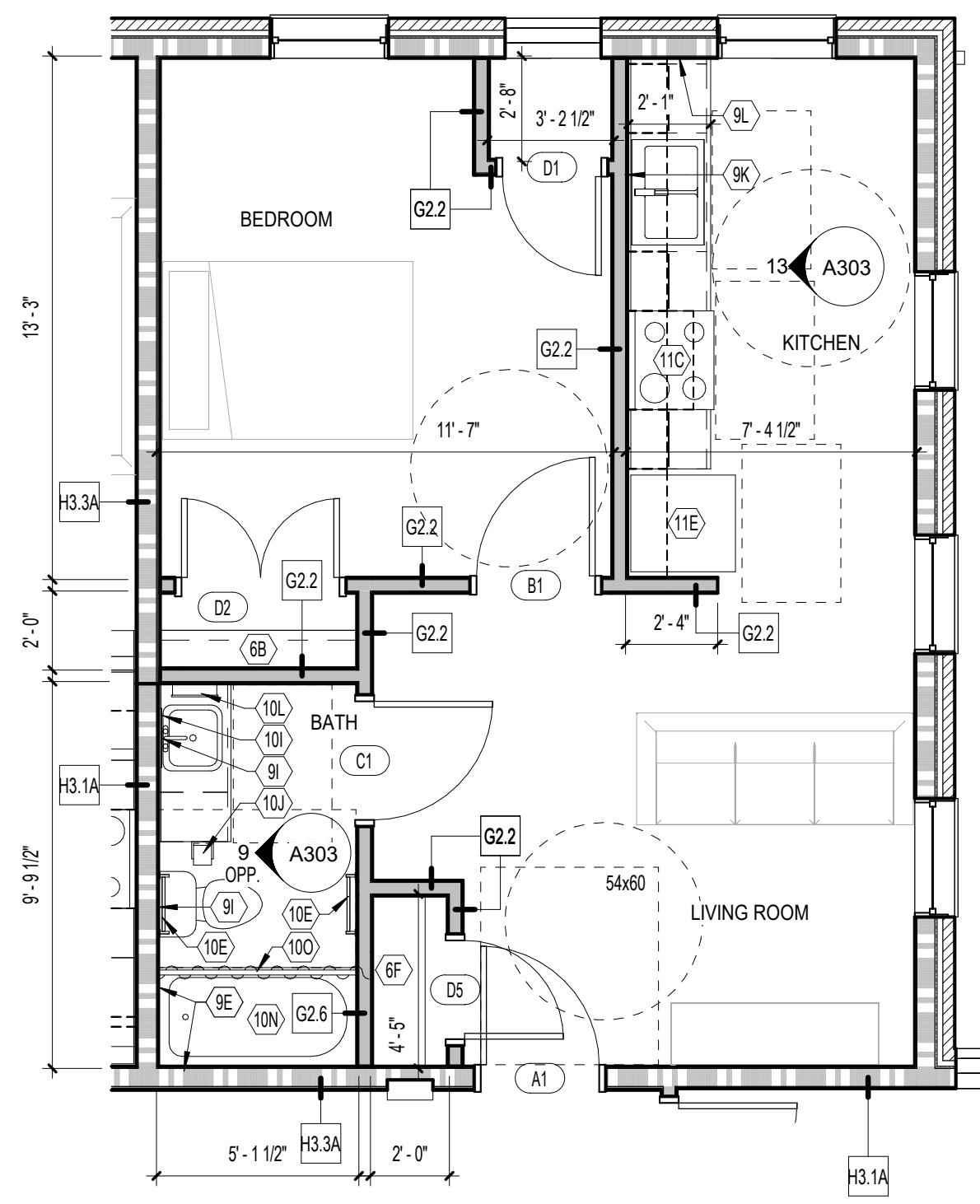
A201

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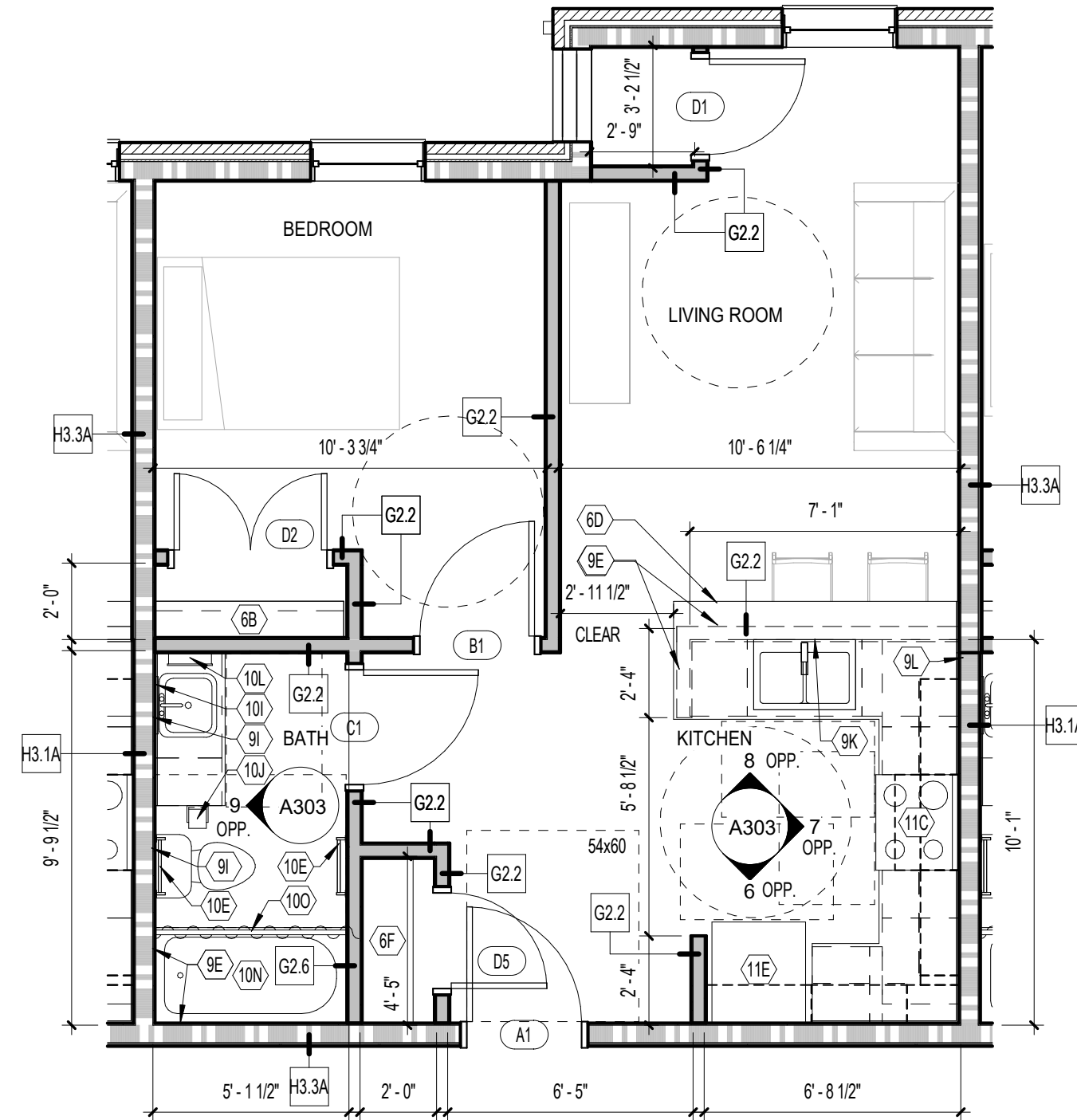
U100, U200, U300

1 ENLARGED FLOOR PLAN
ONE BEDROOM APARTMENT
A302 SCALE: 1/4" = 1'-0"



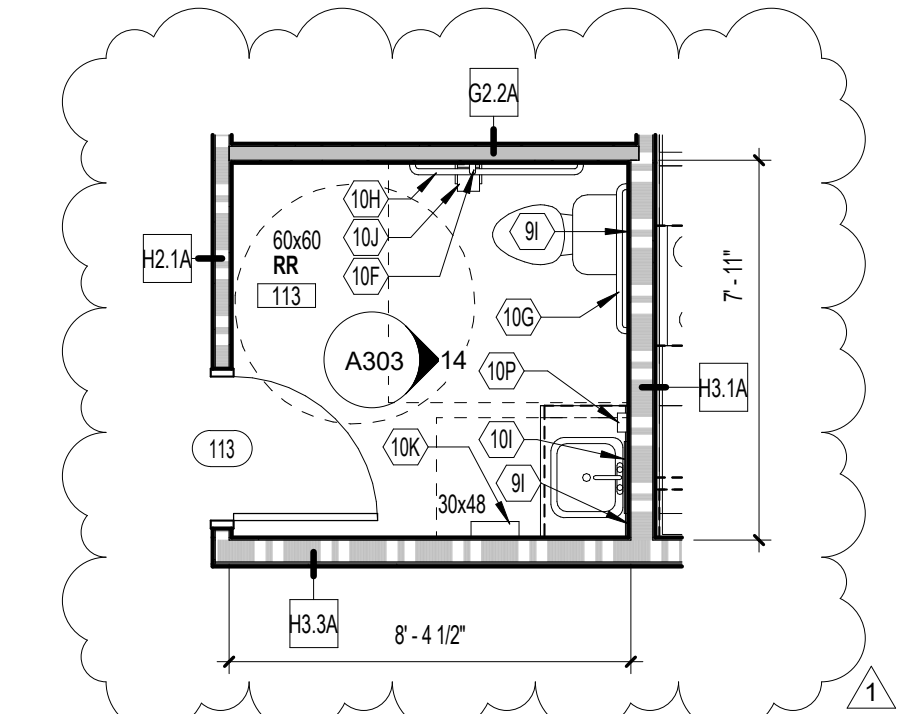
U102, U202, U302

2 ENLARGED FLOOR PLAN
ONE BEDROOM APARTMENT
A302 SCALE: 1/4" = 1'-0"

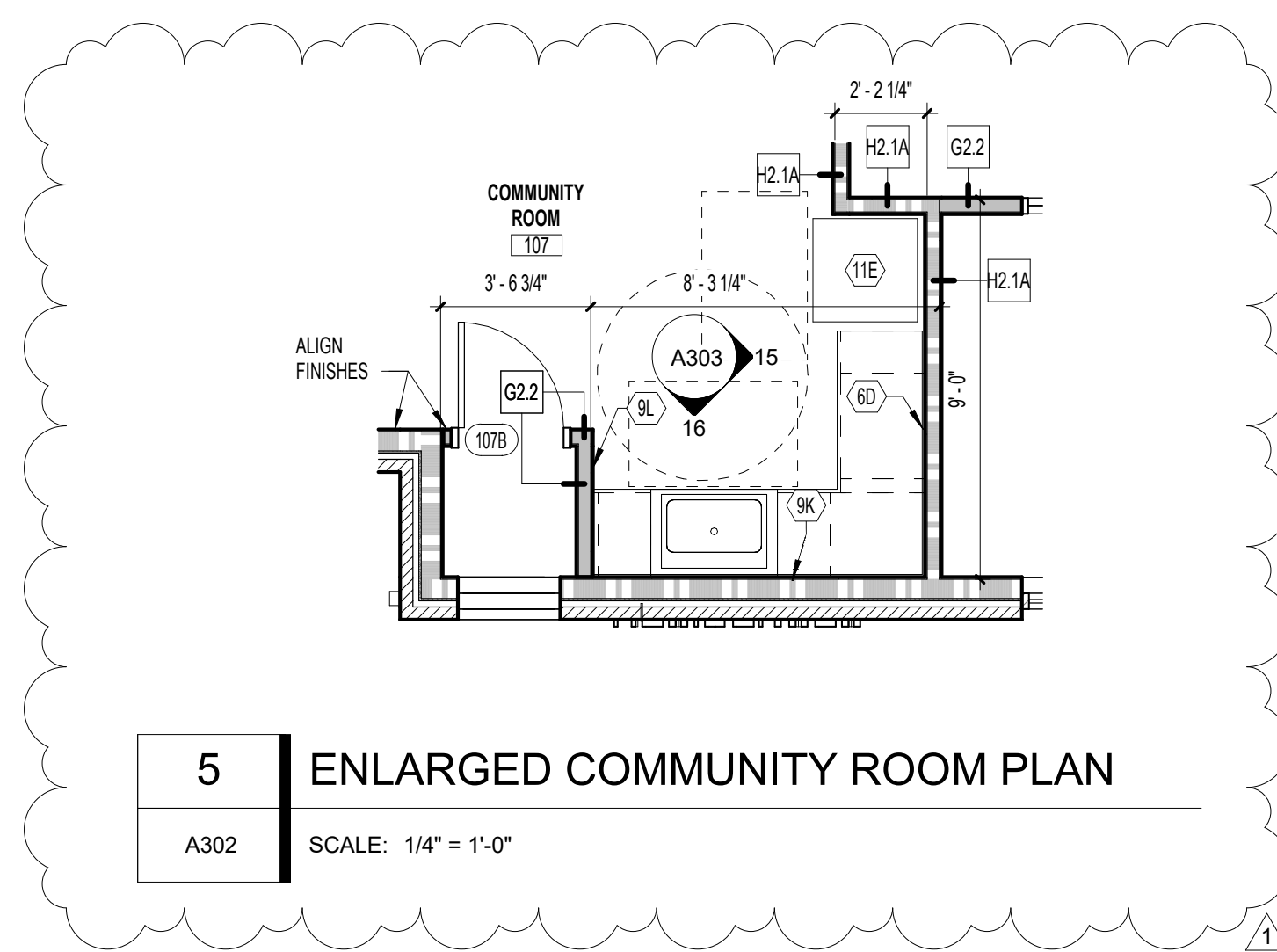


U104, U204, U304

3 ENLARGED FLOOR PLAN
ONE BEDROOM APARTMENT
A302 SCALE: 1/4" = 1'-0"



4 ENLARGED RESTROOM PLAN
A302 SCALE: 1/4" = 1'-0"



5 ENLARGED COMMUNITY ROOM PLAN
A302 SCALE: 1/4" = 1'-0"

GENERAL NOTES - FLOOR PLANS

- A. ALL DIMENSIONS ARE TO FACE OF STUD OR FACE OF MASONRY UNLESS NOTED OTHERWISE.
- B. SEE SHEET G102 FOR WALL TYPES
- C. PROVIDE BLOCKING IN WALLS AROUND TUB/SHOWER (ALL SIDES) AND TOILET FOR POTENTIAL FUTURE GRAB BARS
- D. PROVIDE 2x8 BLOCKING TOP AND BOTTOM OF ALL WALL CABINETS
- E. OFFSET NEW DOORS FROM ADJACENT PERPENDICULAR WALL 4" UNLESS INDICATED OTHERWISE
- F. PROVIDE UL LISTED FIRESTOPPING AT ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOOR TO MAINTAIN THE REQUIRED FIRE RESISTANCE RATING OF THE ASSEMBLY.
- G. WASHERS AND DRYERS SHALL BE ENERGY STAR RATED.
- H. PROVIDE 1/2" SOLID ACRYLIC RESIN WINDOW STOOL EXTENDING 1/2" BEYOND FACE OF GYPSUM AT ALL WINDOWS.
- I. A RADON MITIGATION SYSTEM WILL BE PROVIDED UNDER SEPARATE CONTRACT. COORDINATE PIPE RUNS FOR THIS SYSTEM WITH MEP EQUIPMENT AND WALL. WHERE POSSIBLE, PIPES SHALL BE LOCATED IN NEW WALLS. WHERE NOT POSSIBLE TO LOCATE PIPES WITHIN CURRENTLY SHOWN WALLS, PIPES SHALL BE BOXED OUT TO MINIMUM DIMENSION.

SHEET KEYNOTES

- 6B COAT ROD AND 12" DEEP WIRE SHELF. AT ACCESSIBLE UNITS THE SHELF SHALL BE 48" A.F.F.
- 6D PLASTIC LAMINATE COUNTER
- 6F (5) 18" DEEP ADJUSTABLE SHELVES TO EXTEND FROM 12"-72". WIRE SHELVES STANDARD
- 9A KNEE WALL BELOW COUNTER
- 9E PROVIDE 5/8" MOISTURE-RESISTANT PAPERLESS GYPSUM BOARD ON THIS FACE OF RATED WALL AT TUB/SHOWER SURROUNDS IN ACCORDANCE WITH UL RATED WALL ASSEMBLY. WHERE SURROUND IS NEXT TO TOILET, EXTEND MOISTURE-RESISTANT PAPERLESS GYPSUM BOARD AT SAME HEIGHT TO SPACE BETWEEN, BEHIND, AND ABOVE TOILET.
- 9I PROVIDE 5/8" MOISTURE-RESISTANT PAPERLESS GYPSUM BOARD ON THIS FACE OF RATED WALL TO A HEIGHT OF 4'-0" BEHIND SINK/TOILET IN ACCORDANCE WITH UL RATED WALL ASSEMBLY.
- 9K PROVIDE 5/8" MOISTURE-RESISTANT PAPERLESS GYPSUM BOARD THIS FACE AT WALL BEHIND SINK TO A HEIGHT OF 4'-0" (OR TOP OF KNEE WALL WHERE APPLICABLE). REMAINDER OF WALL FACE TO BE MOISTURE-RESISTANT GYPSUM BOARD.
- 9L PROVIDE 5/8" MOISTURE-RESISTANT GYPSUM BOARD ON THIS FACE OF WALL AT PORTIONS OF WALL WITHIN 4'-0" OF SINK HORIZONTALLY AND VERTICALLY.
- 10E 18" TOWEL BAR
- 10F 18" VERTICAL GRAB BAR
- 10G 36" GRAB BAR
- 10H 42" GRAB BAR
- 10I 18"x30" MIRROR CENTERED OVER SINK
- 10J TISSUE DISPENSER EQUAL TO BOBRICK #2888
- 10K PAPER TOWEL DISPENSER/RECEPTACLE EQUAL TO BOBRICK #B-3699
- 10L SURFACE MOUNTED MEDICINE CABINET
- 10N PROVIDE ICC ANS1 A117.1 COMPLIANT BATHTUB AND FIBERGLASS WALL SURROUND
- 10O SHOWER CURTAIN AND ROD
- 10P SOAP DISPENSER
- 11C ELECTRIC RANGE - FRIGIDAIRE #FEF3009P OR EQUAL
- 11E ICC ANS1 A117.1 COMPLIANT, ENERGY STAR QUALIFIED REFRIGERATOR - FRIGIDAIRE #FT18140 OR EQUAL, AT LEAST 50% OF FREEZER SHELVES, INCLUDING BOTTOM OF THE FREEZER, 54" MAXIMUM ABOVE THE FLOOR WHEN THE SHELVES ARE INSTALLED AT MAXIMUM HEIGHTS POSSIBLE

WALL TYPES		
Type Mark	Description	Fire Rating
C1.2	NEW FURRING: 5/8" GYPSUM BOARD (ONE SIDE) OVER 7/8" X 20 GA. HAT CHANNELS AT 16" O.C.	-
G2.2	NEW PARTITION: 5/8" GYPSUM BOARD (BOTH SIDES) OVER 2X4 WOOD STUDS AT 16" O.C. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	-
G2.2A	NEW PARTITION: 5/8" GYPSUM BOARD (BOTH SIDES) OVER 2X4 WOOD STUDS AT 16" O.C. FILL STUD CAVITIES WITH SOUND ATTENUATION BATT. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	-
G2.4	NEW PARTITION: 5/8" GYPSUM BOARD (ONE SIDE) OVER 2X4 WOOD STUDS AT 16" O.C. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	-
G2.4A	NEW PARTITION: 5/8" GYPSUM BOARD (ONE SIDE) OVER 1/2" RESILIENT CHANNEL @ 24" O.C. (ONE SIDE) OVER 2X4 WOOD STUDS AT 16" O.C. FILL STUD CAVITIES WITH SOUND ATTENUATION BATT. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	1
G2.6	5/8" MOISTURE-RESISTANT PAPERLESS GYPSUM BOARD (TUB/SHOWER SIDE) AND 5/8" GYPSUM BOARD (NON-TUB/SHOWER SIDE) OVER 2X4 WOOD STUDS AT 16" O.C. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	-
G2.7	NEW PARTITION: 5/8" MOISTURE-RESISTANT PAPERLESS GYPSUM BOARD (TUB/SHOWER SIDE) OVER 2X4 WOOD STUDS AT 16" O.C. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	-
G3.2	NEW PARTITION: 5/8" GYPSUM BOARD (BOTH SIDES) OVER 2X6 WOOD STUDS AT 16" O.C. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	-
G3.4	NEW PARTITION: 5/8" GYPSUM BOARD (ONE SIDE) OVER 2X6 WOOD STUDS AT 16" O.C. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	-
G3.7	NEW PARTITION: 5/8" MOISTURE-RESISTANT PAPERLESS GYPSUM BOARD (TUB/SHOWER SIDE) OVER 2X6 WOOD STUDS AT 16" O.C. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	-
G4.1	5/8" GYPSUM BOARD (BOTH SIDES) OVER 2X4 WOOD STUDS AT 16" O.C. PARTITION SHALL EXTEND TO UNDERSIDE OF GYPSUM BOARD CEILING. WALL MUST BE SMOKE TIGHT	SMOKE
H2.1	NEW (1) HOUR FIRE RATED PARTITION PER U.L. #J305: 5/8" TYPE 'X' GYPSUM BOARD (BOTH SIDES) OVER 2X4 WOOD STUDS AT 16" O.C. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	1
H2.1A	NEW (1) HOUR FIRE RATED PARTITION PER U.L. #J305: 5/8" TYPE 'X' GYPSUM BOARD (BOTH SIDES) OVER 2X4 WOOD STUDS AT 16" O.C. FILL STUD CAVITIES WITH SOUND ATTENUATION BATT. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	1
H2.2	NEW (2) HOUR FIRE RATED PARTITION PER U.L. #J301: (2) LAYERS 5/8" TYPE 'X' GYPSUM BOARD (BOTH SIDES) OVER 2X4 WOOD STUDS AT 16" O.C. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	2
H2.3A	NEW (1) HOUR FIRE RATED PARTITION PER U.L. #J327: 5/8" TYPE 'X' GYPSUM BOARD (BOTH SIDES) OVER 1/2" RESILIENT CHANNEL @ 24" O.C. (ONE SIDE) OVER 2X4 WOOD STUDS AT 16" O.C. FILL STUD CAVITIES WITH SOUND ATTENUATION BATT. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	1
H3.1A	NEW (1) HOUR FIRE RATED PARTITION PER U.L. #J305: 5/8" TYPE 'X' GYPSUM BOARD (BOTH SIDES) OVER 2X6 WOOD STUDS AT 16" O.C. FILL STUD CAVITIES WITH SOUND ATTENUATION BATT. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	1
H3.2	NEW (2) HOUR FIRE RATED PARTITION PER U.L. #J301: (2) LAYERS 5/8" TYPE 'X' GYPSUM BOARD (BOTH SIDES) OVER 2X6 WOOD STUDS AT 16" O.C. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	2
H3.3A	NEW (1) HOUR FIRE RATED PARTITION PER U.L. #J327: 5/8" TYPE 'X' GYPSUM BOARD (BOTH SIDES) OVER 1/2" RESILIENT CHANNEL @ 24" O.C. (ONE SIDE) OVER 2X6 WOOD STUDS AT 16" O.C. FILL STUD CAVITIES WITH SOUND ATTENUATION BATT. PARTITION SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.	1
J2.2	5/8" GYPSUM BOARD (ONE SIDE) OVER 2X4 WOOD FURRING SIDE FRAMED AT 16" O.C. PARTITION SHALL EXTEND TO UNDERSIDE OF GYPSUM BOARD CEILING.	-
M3.2	NEW (2) HOUR FIRE RATED PARTITION PER U.L. #J905: 8" CMU WALL WITH HORIZONTAL REINFORCING AT 16" O.C. VERTICALLY.	2



906 MONMOUTH STREET
NEWPORT, KY 41071
www.PCA-ARCH.com
859.431.8612



EMMA ADKISSON, LIC# 2118357
EXPIRATION DATE 12/31/2023

**GEIGER HOUSE FOR VETERANS /
KLEKAMP FAMILY RESIDENCES PSH**

2631 GILBERT AVE.
Cincinnati, OH 45206

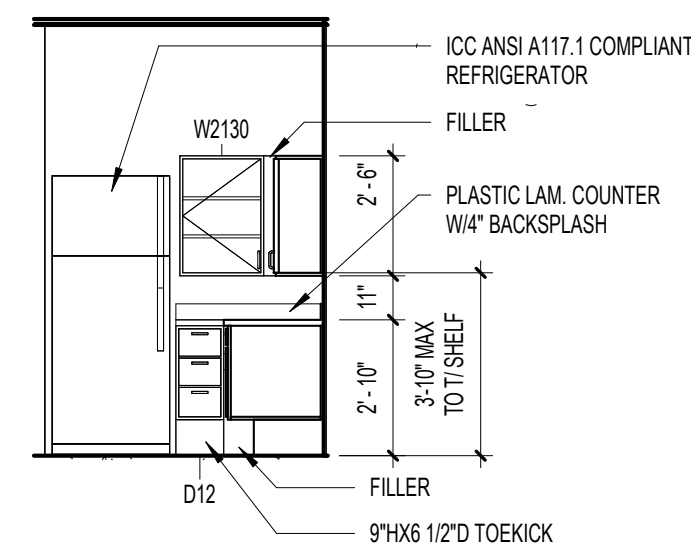
NO.	DESCRIPTION	DATE
	80% OHFA REVIEW	01/04/23
	PERMIT SET	04/13/23
	REVISION	07/20/23
1	ADDENDUM 1	08/02/23

ENLARGED PLANS

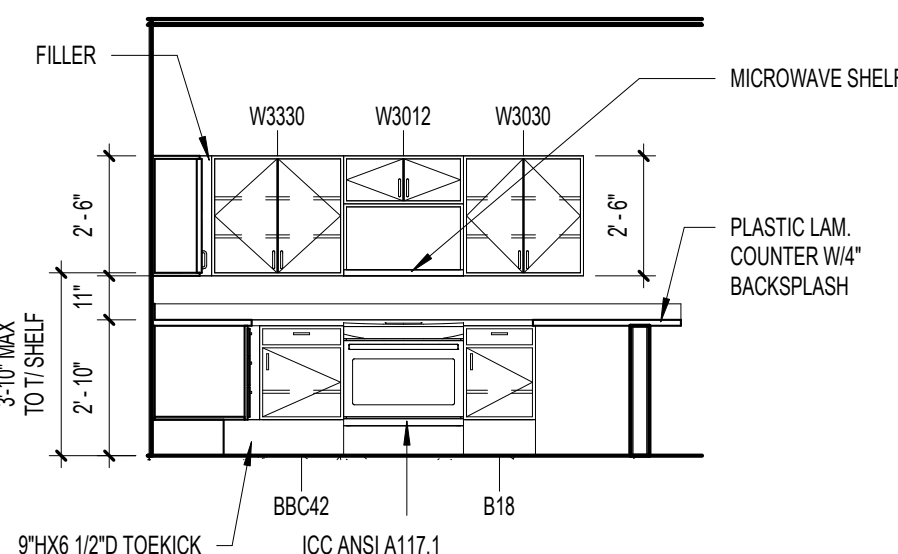
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A302

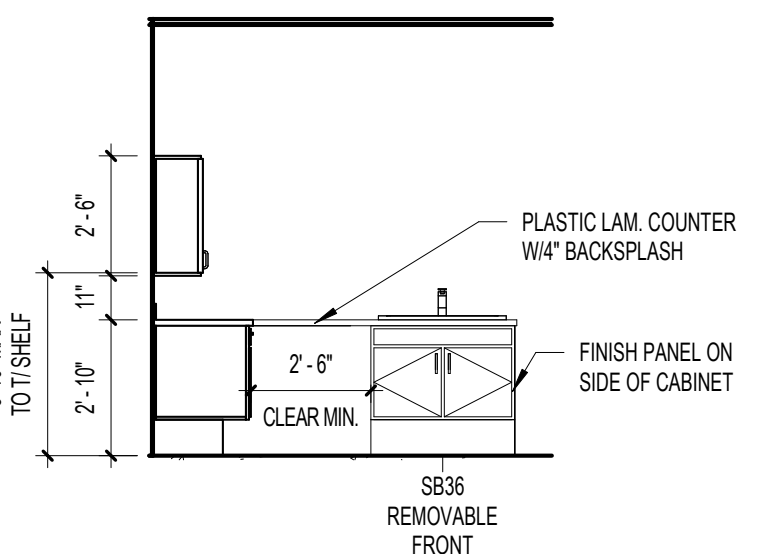
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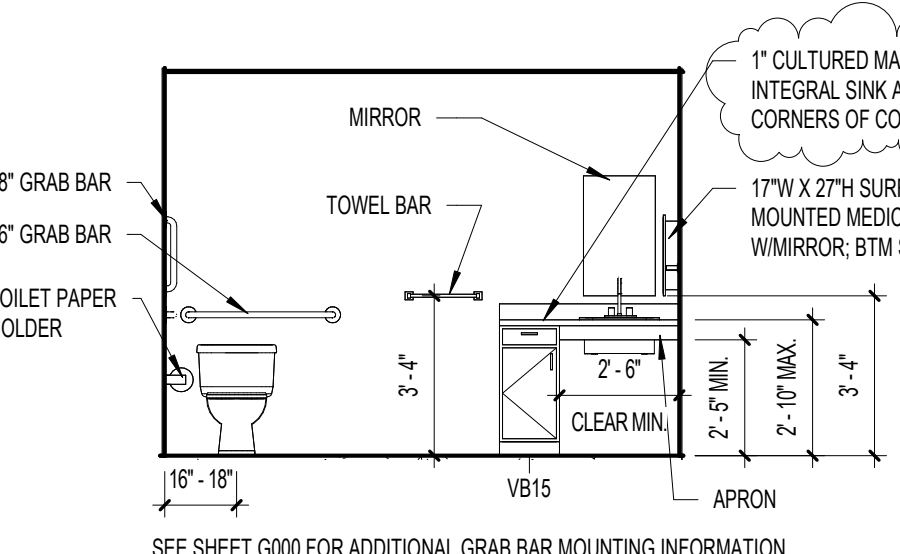
1 ELEVATION
A303 SCALE: 1/4" = 1'-0"



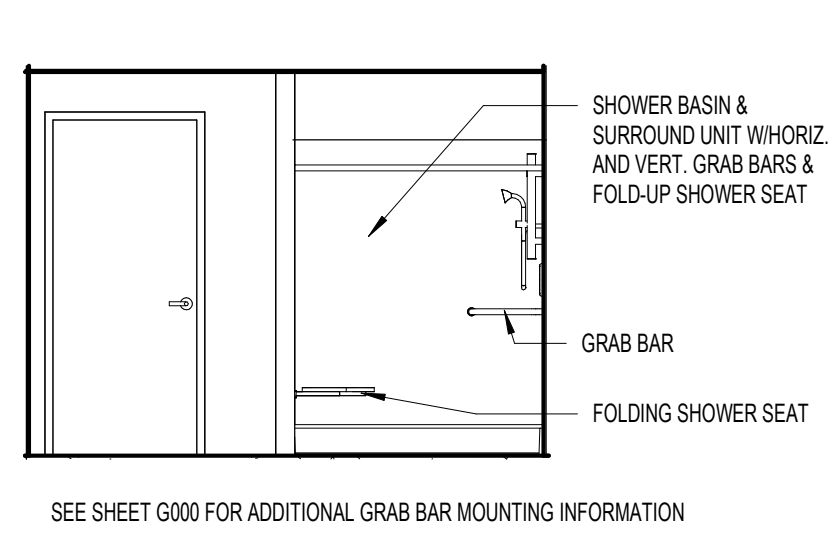
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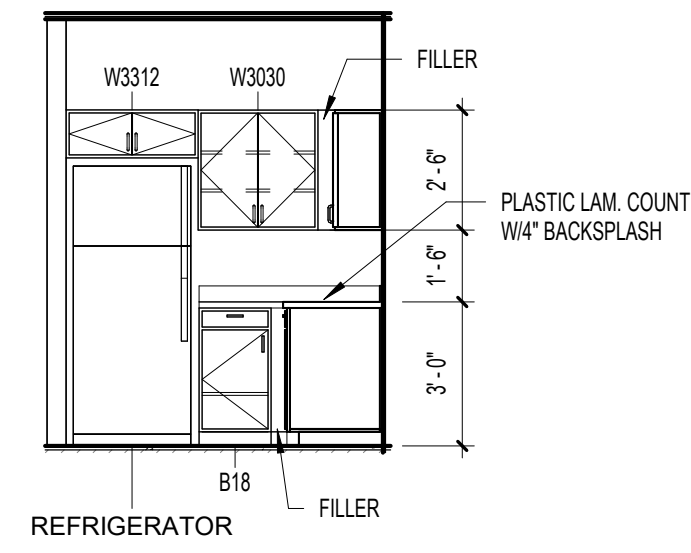
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A303 SCALE: 1/4" = 1'-0"



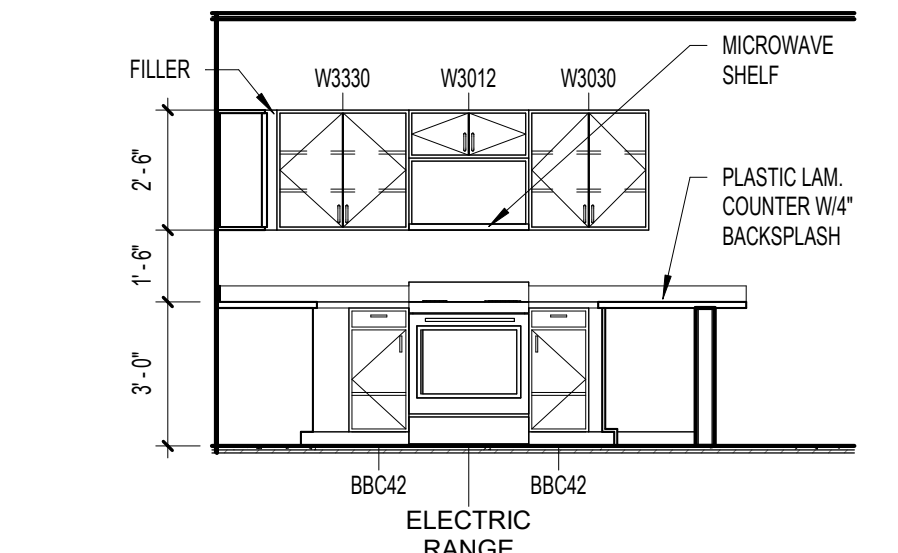
4 ELEVATION
A303 SCALE: 1/4" = 1'-0"



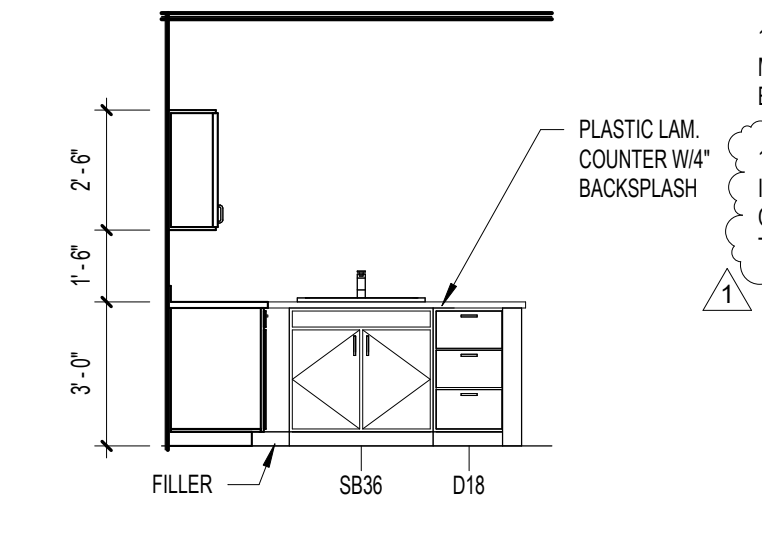
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A303 SCALE: 1/4" = 1'-0"



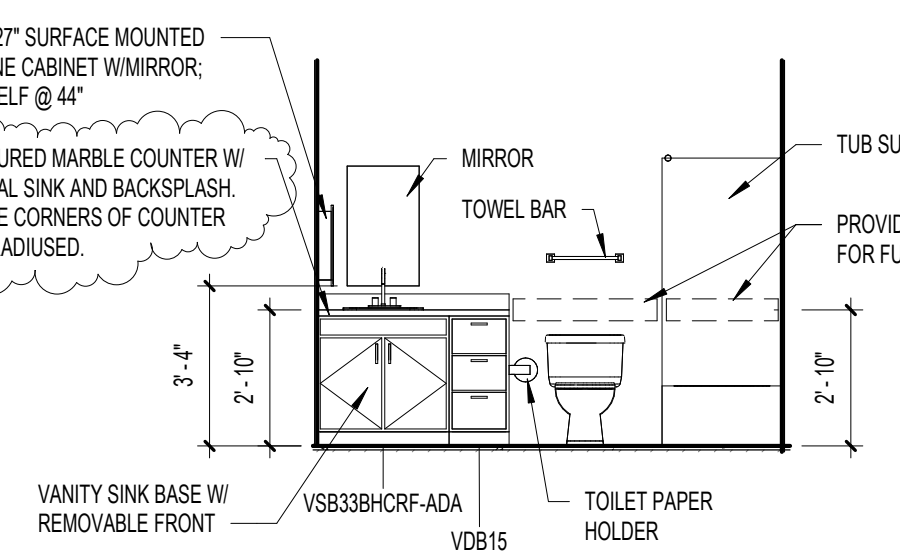
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A303 SCALE: 1/4" = 1'-0"



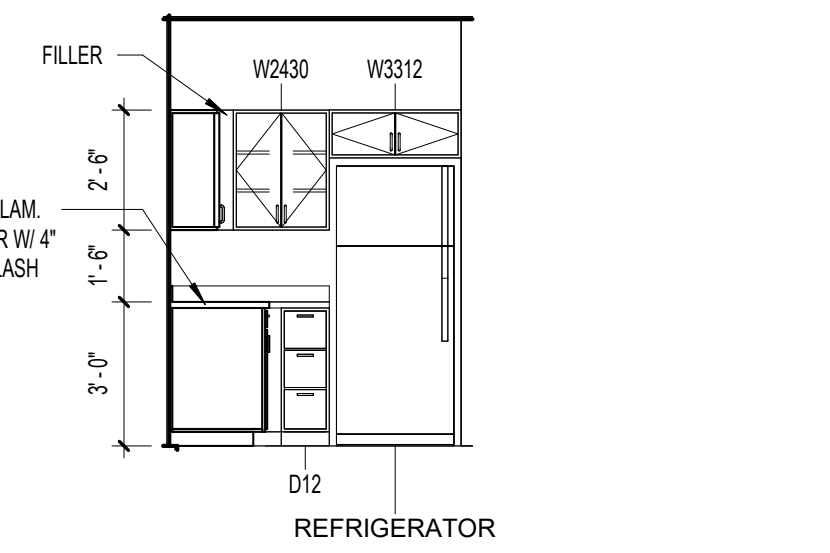
7 ELEVATION
A303 SCALE: 1/4" = 1'-0"



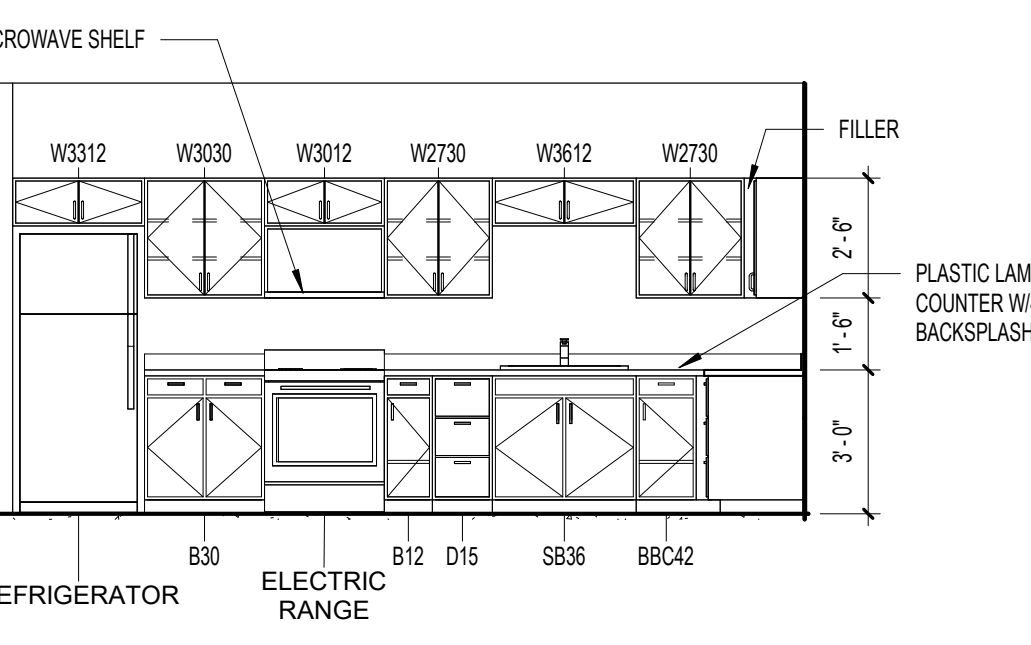
8 ELEVATION
A303 SCALE: 1/4" = 1'-0"



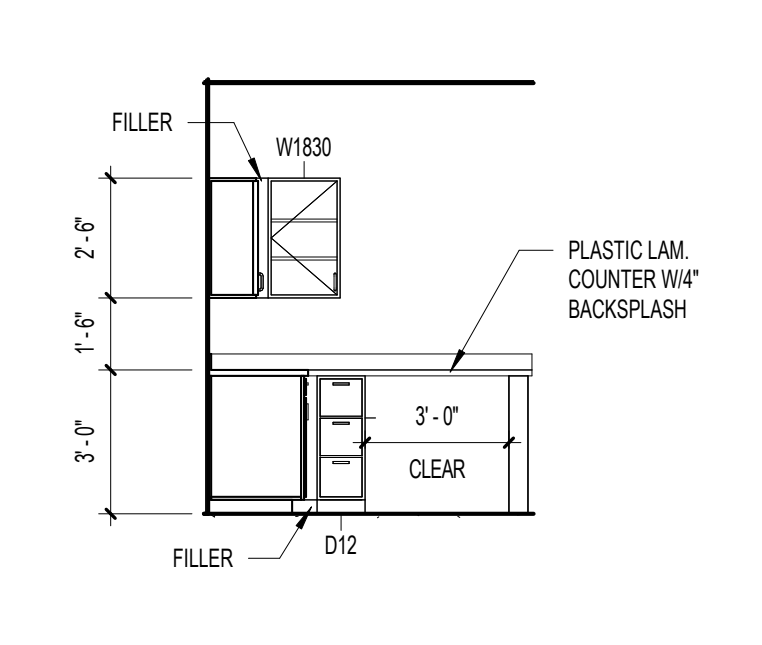
9 ELEVATION
A303 SCALE: 1/4" = 1'-0"



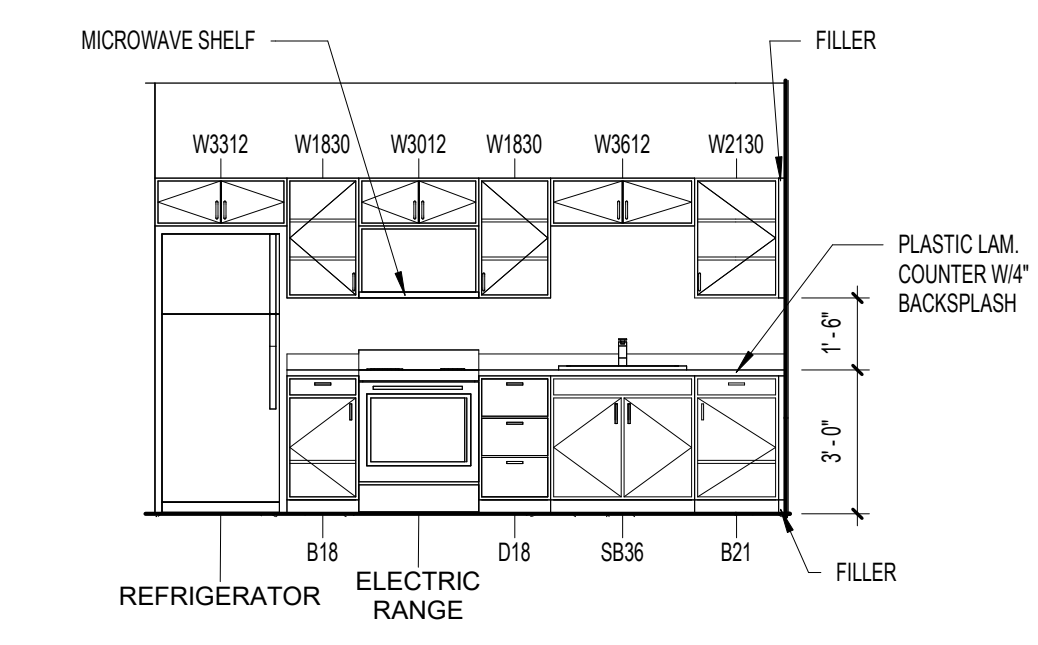
10 ELEVATION
A303 SCALE: 1/4" = 1'-0"



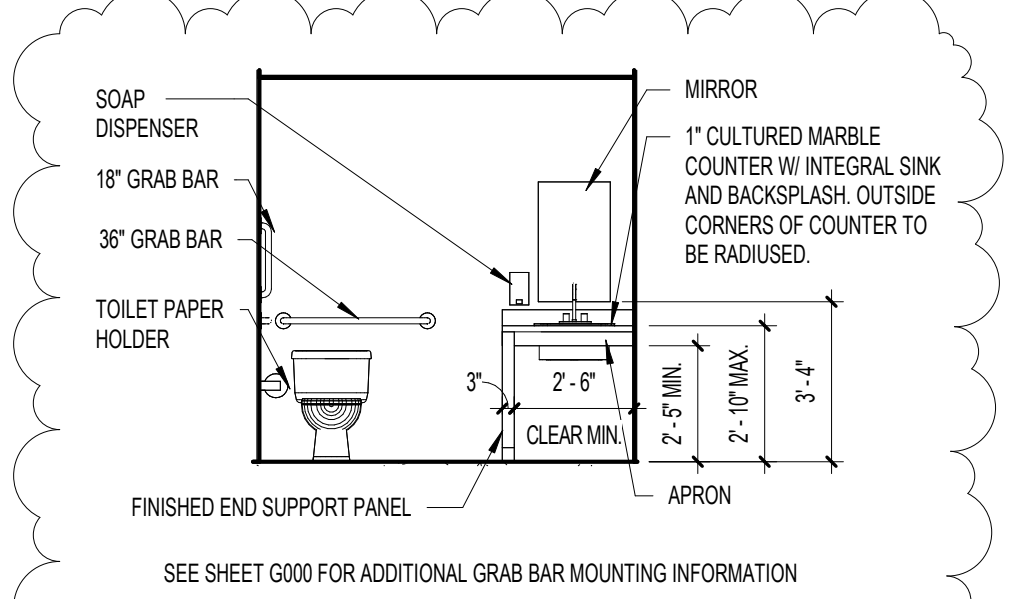
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A303 SCALE: 1/4" = 1'-0"



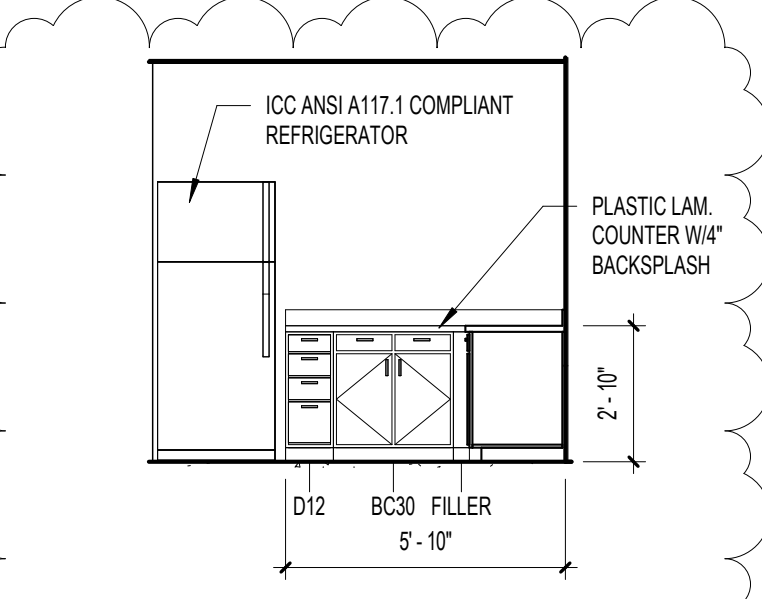
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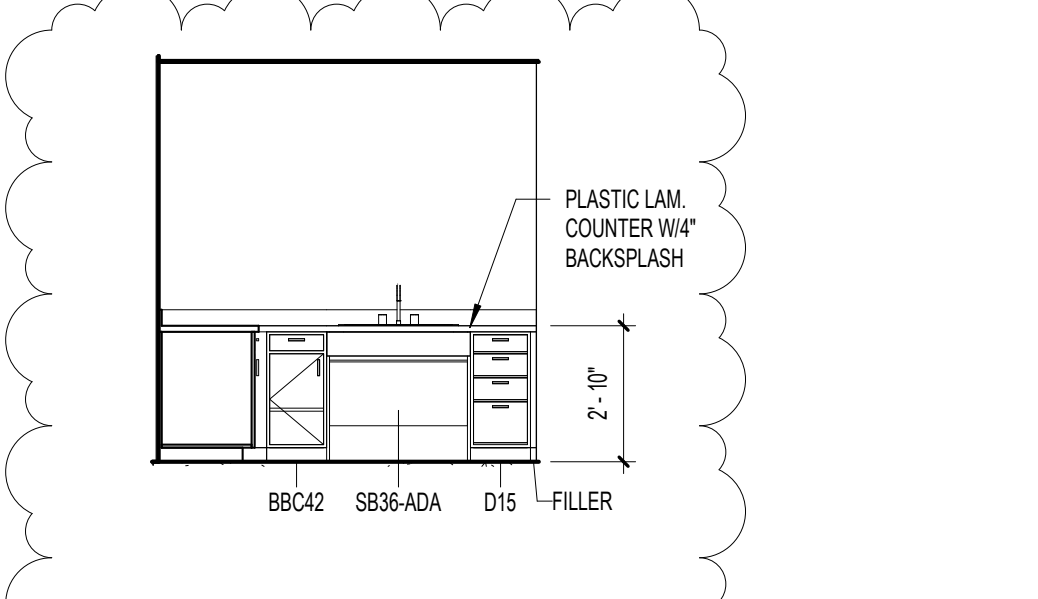
13 ELEVATION
A303 SCALE: 1/4" = 1'-0"



14 ELEVATION
A303 SCALE: 1/4" = 1'-0"



15 ELEVATION
A303 SCALE: 1/4" = 1'-0"



16 ELEVATION
A303 SCALE: 1/4" = 1'-0"

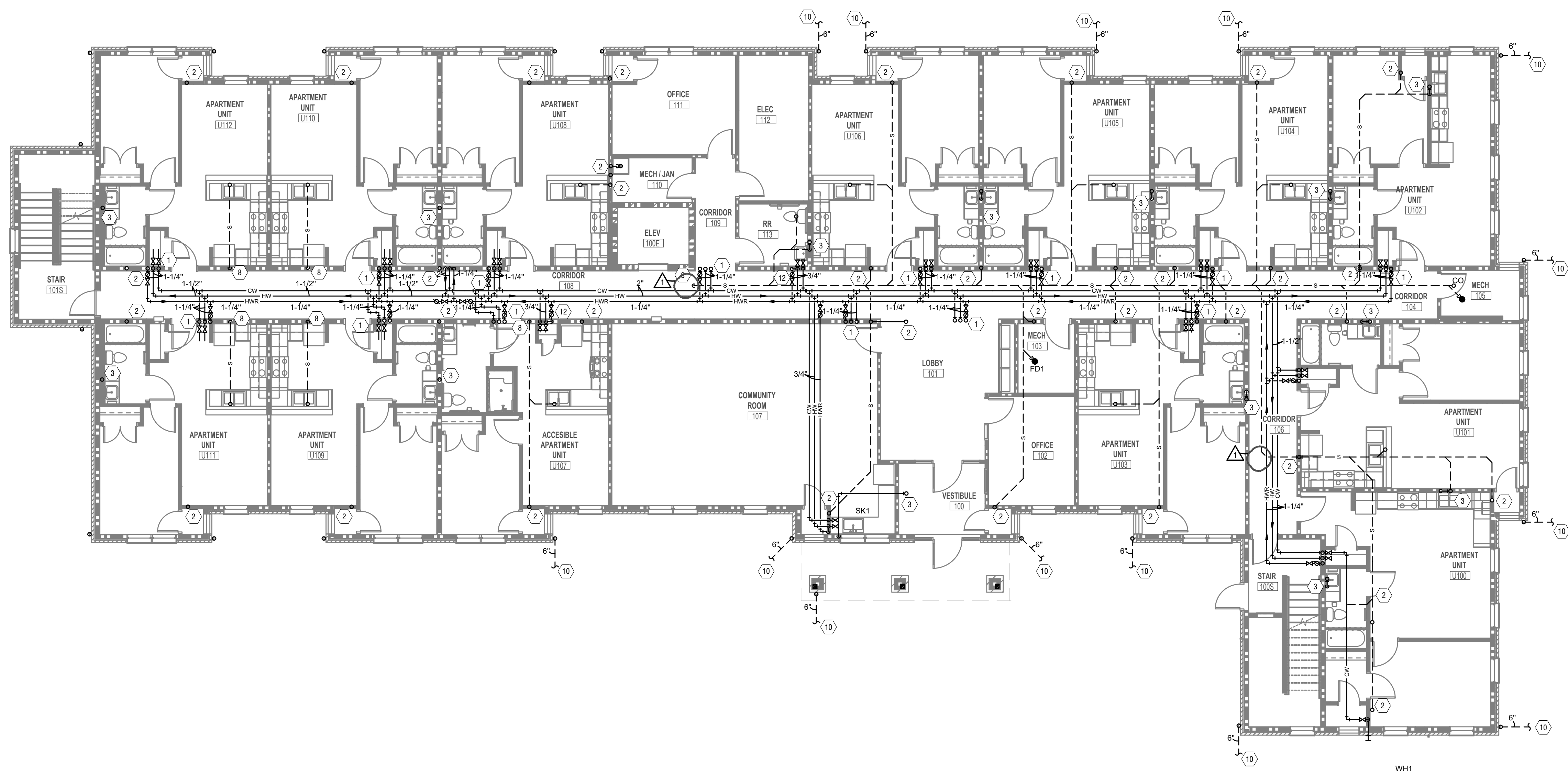


**GEIGER HOUSE FOR VETERANS /
KLEKAMP FAMILY RESIDENCES PSH**
2631 GILBERT AVE.
Cincinnati, OH 45206

NO.	DESCRIPTION	DATE
	80% OHFA REVIEW	01/04/23
	PERMIT SET	04/13/23
	REVISION	07/20/23
1	ADDENDUM 1	08/02/23

INTERIOR ELEVATIONS

2A - Project: Drawn: 10000-10001 1004 - The Geiger House for Veterans - Client: OH - Construction Documents 1004-1001 - Plumbing First Floor Plan - EBS - PR - 1004 - 04/13/2023 - By: Scott Bevert
 THESE DRAWINGS AND SPECIFICATIONS ARE NOT AUTHORIZED TO BE USED AS CONTRACT DOCUMENTS. THESE DRAWINGS HAVE BEEN PREPARED TO DEMONSTRATE COMPLIANCE WITH APPLICABLE CODES, AND ARE INTENDED TO PROVIDE THE AUTHORITIES HAVING JURISDICTION WITH INFORMATION TO DETERMINE CODE COMPLIANCE. THE INSTALLING CONTRACTOR IS RESPONSIBLE FOR THE COMPLIANCE OR CONDITION OF EXISTING EQUIPMENT AND WIRING. THE INSTALLING CONTRACTOR ACCEPTS NO RESPONSIBILITY OR LIABILITY FOR THE COMPLIANCE OR CONDITION OF EXISTING EQUIPMENT AND WIRING.



- ### PLUMBING GENERAL NOTES
- THE CONTRACTOR SHALL CONTACT THE ARCHITECT, ENGINEER OR OWNER PRIOR TO BIDDING FOR INTERPRETATIONS AND CLARIFICATIONS OF THE DESIGN AND INCLUDE IN HIS BID ALL COSTS TO MEET THE DESIGN INTENT.
 - DESIGN DRAWINGS ARE SCHEMATIC. CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING OR AWARD OF CONTRACT TO INSPECT EXISTING FIELD CONDITIONS. CONTRACT SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY FOR REQUIRED FIELD MODIFICATIONS DUE TO EXISTING CONDITIONS.
 - BIDDING CONTRACTORS SHALL HAVE A WORKING KNOWLEDGE OF LOCAL CODES AND ORDINANCES AND SHALL INCLUDE IN THEIR BIDS THE COSTS FOR ALL WORK INSTALLED IN STRICT ACCORDANCE WITH GOVERNING CODES, THE PLANS AND SPECIFICATIONS NOT WITHSTANDING. THE CONTRACTOR SHALL ALERT ARCHITECT, ENGINEER OR OWNER OF ANY APPARENT DISCREPANCIES BETWEEN GOVERNING CODES AND DESIGN INTENT.
 - PROVIDE POINT-OF-USE THERMOSTATIC MIXING VALVES ON ALL PUBLIC LAVATORIES AND HAND SINKS. VALVES SHALL MEET ASSE 1070 AND SHALL BE EQUAL TO WATTS USG-8.
 - PROVIDE SQUARE STRAINERS ON FLOOR DRAINS IN TILED AREAS.
 - REFER TO ARCHITECT'S PLANS AND ELEVATIONS FOR ALL FIXTURE MOUNTING HEIGHTS.
 - PROVIDE ALL LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO COMPLETELY FURNISH, INSTALL, AND PLACE INTO OPERATION. ALL SYSTEMS SHOWN ON THE DRAWINGS AND DELINEATED IN THE SPECIFICATIONS IN ACCORDANCE WITH ALL STATE AND LOCAL CODES AND ORDINANCES. REPORT ANY KNOWN DISCREPANCIES TO THE ARCHITECT/ENGINEER PRIOR TO INSTALLATION.
 - COORDINATE ALL WORK AND SPACE REQUIREMENTS IN CEILING SPACES WITH OTHER TRADES PRIOR TO INSTALLATION, INCLUDING BUT NOT LIMITED TO: ARCHITECTURAL, CIVIL, STRUCTURAL, ELECTRICAL, FIRE PROTECTION, AND MECHANICAL.
 - INSTALL ALL EQUIPMENT WITH CODE REQUIRED AND MANUFACTURER RECOMMENDED MINIMUM CLEARANCES FOR SERVICE, ACCESS, AND FIRE PROTECTION.
 - MAINTAIN A MINIMUM OF 10 FEET BETWEEN ALL OUTSIDE AIR INTAKES AND ALL EXHAUST, VENT, AND FLUE OUTLETS.
 - WATER PIPING IN AREAS SUBJECT TO FREEZING TEMPERATURES WILL NOT BE PERMITTED WITHOUT PROVIDING FROST PROOF PROTECTION.
 - MAKE FINAL CONNECTION TO OWNER SUPPLIED EQUIPMENT.
 - WHEREVER FIXTURES REQUIRING PLUMBING CONNECTIONS ARE FURNISHED BY OWNER OR ARE RELOCATED, PLUMBING SUBCONTRACTOR SHALL FURNISH AND INSTALL CARRIERS, "P" TRAP AND STOPS.

- ### PLUMBING KEYED SHEET NOTES
- HOT, COLD AND HOT WATER RETURN WATER RISERS
 - SANITARY PIPING UP TO LEVEL ABOVE
 - VENT PIPING UP TO LEVEL ABOVE
 - VENT PIPING DOWN TO FIXTURE BELOW
 - VENT PIPING DOWN TO LEVEL BELOW
 - NEW SANITARY SERVICE. REFER TO CIVIL UTILITY PLAN FOR CONTINUATION
 - NEW DOMESTIC WATER SERVICE. REFER TO CIVIL UTILITY PLAN FOR CONTINUATION AND METER LOCATION.
 - SANITARY PIPING DOWN TO LEVEL BELOW
 - NEW GAS SERVICE. REFER TO CIVIL UTILITY PLAN FOR CONTINUATION. COORDINATE WITH UTILITY COMPANY.
 - NEW STORM PIPING FOR DOWNSPOUT. COORDINATE WITH UTILITY PLAN FOR CONTINUATION.
 - ROUTE 4" PVC WATER HEATER EXHAUST AND INTAKE PIPING OUT WALL PER MANUFACTURER'S INSTALLATION AND INSTRUCTIONS. PROVIDE MANUFACTURER-SUPPLIED TERMINATION KITS.
 - HOT AND COLD WATER DOWN TO LEVEL BELOW.



ISSUANCES	DATE	DESCRIPTION
	01/18/2023	80% CHINA REVIEW
	04/13/2023	PERMIT SET
	08/02/2023	ADDENDUM 1

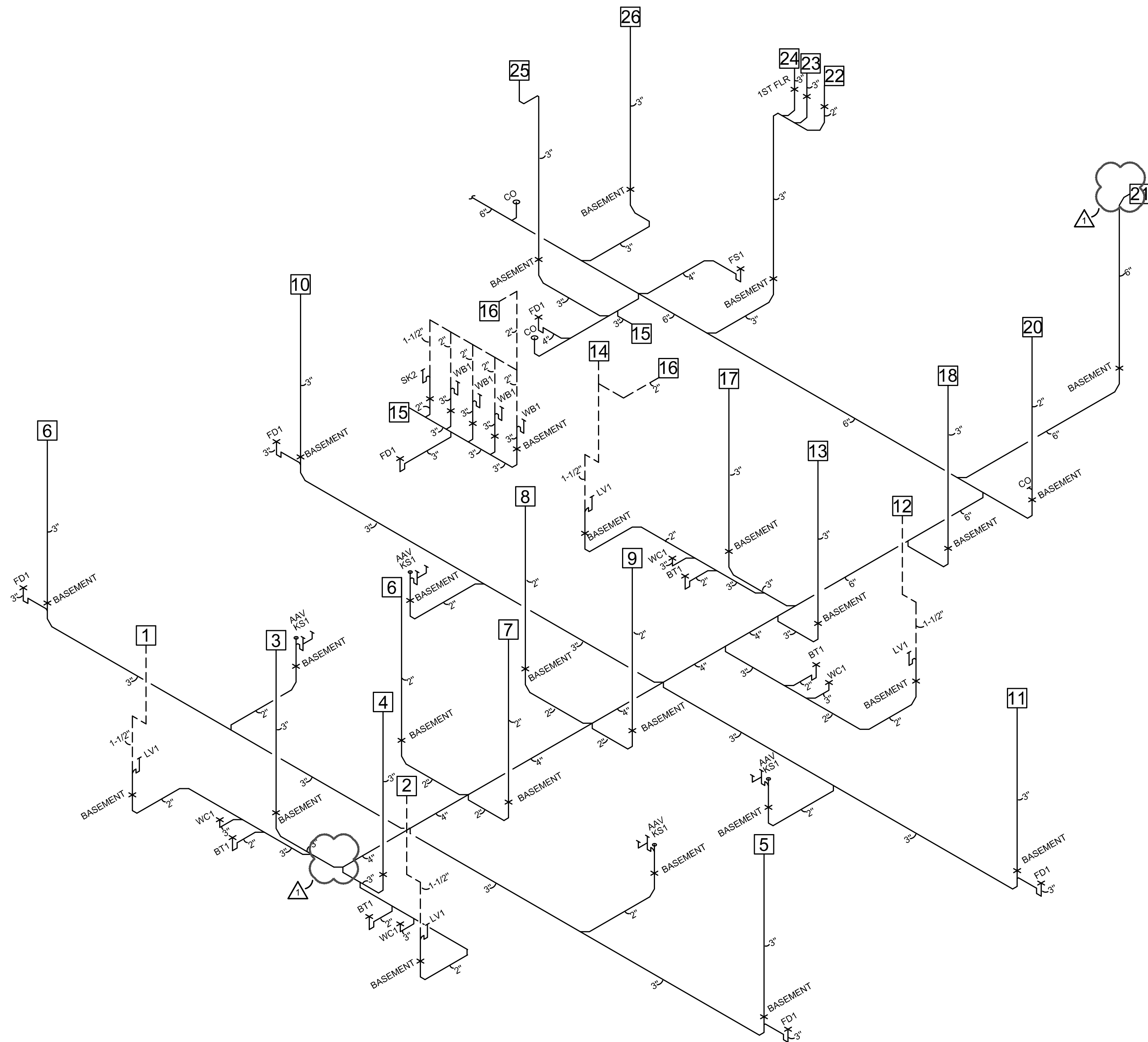
**Geiger House for Veterans / Klekamp
 Family Residences**
 2631 GILBERT AVE.
 CINCINNATI, OH

PR - 10041
**ENGINEERED
 BUILDING
 SYSTEMS INC.**
 Shared Success Through
 Collaboration and Efficiency
 515 Monmouth Street, Suite 201
 Newport, KY 41071 (859) 281-0005
 MEP Consulting Services, Inc. in OH
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DRAWN BY DSD	CHECKED BY SSS
PROJECT NO.: 10041	
SCALE: AS NOTED	
DATE: 04-13-2023	
DRAWING TITLE PLUMBING FIRST FLOOR PLAN	
SHEET NO. P101	

1
PLUMBING FIRST FLOOR PLAN
 SCALE: 1/8" = 1'-0"

2A - Project: Brachbach 1000-10041-10041 - Veterans - The Geiger House for Veterans - Client: OH - Cincinnati, Document: 10041-10041-10041 - EBS - PR - 10041-10041 - Rev: 001-2023-08-07 - By: 4646464646
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1
PLUMBING BASEMENT ISOMETRIC
 P301 NOT TO SCALE



ISSUANCES	DATE	DESCRIPTION
	01/18/2023	60% OMTA Review
	04/13/2023	PERMIT SET
	08/02/2023	ADDENDUM 1

**Geiger House for Veterans / Klekamp
 Family Residences**
 2631 GILBERT AVE.
 CINCINNATI, OH

PR - 10041

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DRAWN BY: DSD CHECKED BY: SSS

PROJECT NO.: 10041

SCALE: AS NOTED

DATE: 04-13-2023

DRAWING TITLE
 PLUMBING DETAILS,
 SCHEDULES, AND
 ISOMETRIC

SHEET NO.
P301



TYP 1								TYP 1	
ROOM MOUNTING FLUSH		VOLTS 208Y/120V 3P 4W		AIC T.B.D.				U107	
FED FROM		BUS AMPS 125		MAIN BKR MLO				U307	
NOTE		NEUTRAL 100%		LUGS FEEDTHRU					
CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION	CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION		
1	30/2	6.16	VTAC-1	2	50/2	10	RANGE		
3				4					
5	15/1	1.06	E-1, LIGHTING, RECEPTACLE	6	20/1	0.5	FRIG.		
7	15/1	1.31	E-2, LIGHTING, RECEPTACLE	8	20/1	1.8	MICROWAVE		
9	20/1	0.18	BATH	10	20/1	1.5	SMALL APPLIANCE		
11	20/1	0	SPACE	12	20/1	1.5	SMALL APPLIANCE		
13	20/1	0	SPACE	14	20/1	0	SPACE		
15	20/1	0	SPACE	16	20/1	0	SPACE		
17	20/1	0	SPACE	18	20/1	0	SPACE		
19	20/1	0	SPACE	20	20/1	0	SPACE		
21	20/1	0	SPACE	22	20/1	0	SPACE		
23	20/1	0	SPACE	24	20/1	0	SPACE		
OPTIONAL DWELLING UNIT CALCULATION (NEC 220.82)									
		CONN KVA		CONN KVA		CALC KVA			
LIGHTING AND RECEPTACLES	1.65	550 SF (3 VA/SF)	GENERAL LOAD UP TO 10 KVA	10	10	(100%)			
SMALL-APPLIANCE	3		OVER 10 KVA	6.95	2.78	(40%)			
APPLIANCES	2.3		MAX HEATING OR COOLING		6.16	(220.82(C)(1))			
ELECTRIC COOKING	10								
TOTAL GENERAL LOAD	17		TOTAL LOAD		18.9				
			BALANCED 3-PHASE LOAD		52.6 A				
			PHASE A		140%				
			PHASE B		125%				
			PHASE C		35.3%				
APPLIANCE BREAKDOWN									
TYPE		KVA							
REFRIGERATOR		0.5							
MICROWAVE		1.8							
TOTAL		2.3							
HVAC Load Calculation									
				KVA		NEC Code			
			Heating	6.16					
			Cooling	6.16					
			Mini Split	0.00					
			100% of Nameplate Rating of AC and Cooling	6.16		220.82 C(1)			
			100% of Nameplate Rating of Heat Pump w/o Supplemental Heat	0.00		220.82 C(2)			
			Heat Pump plus 65% of Supplemental Heat	0.00		220.82 C(3)			
			Largest Heating or Cooling Load	6.16		220.84 C(5)			
Multi-Family Dwelling Unit Calc									
			Total General Load		17.0				
			Largest Heating or Cooling Load 220.84		6.16				
			220.84 CONNECTED LOAD CALC		23.11				

TYP 2								TYP 2	
ROOM MOUNTING FLUSH		VOLTS 208Y/120V 3P 4W		AIC T.B.D.				U003	U210
FED FROM		BUS AMPS 125		MAIN BKR MLO				U004	U211
NOTE		NEUTRAL 100%		LUGS FEEDTHRU				U103	U212
								U105	U213
								U106	U303
								U108	U305
								U109	U306
								U110	U308
								U203	U310
								U205	U311
								U206	U312
								U207	U313
								U208	
CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION	CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION		
1	30/2	6.16	VTAC-1	2	50/2	10	RANGE		
3				4					
5	15/1	1.06	E-1, LIGHTING, RECEPTACLE	6	20/1	0.5	FRIG.		
7	15/1	1.31	E-2, LIGHTING, RECEPTACLE	8	20/1	1.8	MICROWAVE		
9	20/1	0.18	BATH	10	20/1	1.5	SMALL APPLIANCE		
11	20/1	0	SPACE	12	20/1	1.5	SMALL APPLIANCE		
13	20/1	0	SPACE	14	20/1	0	SPACE		
15	20/1	0	SPACE	16	20/1	0	SPACE		
17	20/1	0	SPACE	18	20/1	0	SPACE		
19	20/1	0	SPACE	20	20/1	0	SPACE		
21	20/1	0	SPACE	22	20/1	0	SPACE		
23	20/1	0	SPACE	24	20/1	0	SPACE		
OPTIONAL DWELLING UNIT CALCULATION (NEC 220.82)									
		CONN KVA		CONN KVA		CALC KVA			
LIGHTING AND RECEPTACLES	1.65	550 SF (3 VA/SF)	GENERAL LOAD UP TO 10 KVA	10	10	(100%)			
SMALL-APPLIANCE	3		OVER 10 KVA	6.95	2.78	(40%)			
APPLIANCES	2.3		MAX HEATING OR COOLING		6.16	(220.82(C)(1))			
ELECTRIC COOKING	10								
TOTAL GENERAL LOAD	17		TOTAL LOAD		18.9				
			BALANCED 3-PHASE LOAD		52.6 A				
			PHASE A		140%				
			PHASE B		125%				
			PHASE C		35.3%				
APPLIANCE BREAKDOWN									
TYPE		KVA							
REFRIGERATOR		0.5							
MICROWAVE		1.8							
TOTAL		2.3							
HVAC Load Calculation									
				KVA		NEC Code			
			Heating	6.16					
			Cooling	6.16					
			Mini Split	0.00					
			100% of Nameplate Rating of AC and Cooling	6.16		220.82 C(1)			
			100% of Nameplate Rating of Heat Pump w/o Supplemental Heat	0.00		220.82 C(2)			
			Heat Pump plus 65% of Supplemental Heat	0.00		220.82 C(3)			
			Largest Heating or Cooling Load	6.16		220.84 C(5)			
Multi-Family Dwelling Unit Calc									
			Total General Load		17.0				
			Largest Heating or Cooling Load 220.84		6.16				
			220.84 CONNECTED LOAD CALC		23.11				

TYP 3								TYP 3	
ROOM MOUNTING FLUSH		VOLTS 208Y/120V 3P 4W		AIC T.B.D.				U215	
FED FROM		BUS AMPS 125		MAIN BKR MLO					
NOTE		NEUTRAL 100%		LUGS FEEDTHRU					
CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION	CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION		
1	30/2	6.16	VTAC-1	2	50/2	10	RANGE		
3				4					
5	15/1	1.06	E-1, LIGHTING, RECEPTACLE	6	20/1	0.5	FRIG.		
7	15/1	1.31	E-2, LIGHTING, RECEPTACLE	8	20/1	1.8	MICROWAVE		
9	20/1	0.18	BATH	10	20/1	1.5	SMALL APPLIANCE		
11	20/1	0	SPACE	12	20/1	1.5	SMALL APPLIANCE		
13	20/1	0	SPACE	14	20/1	0	SPACE		
15	20/1	0	SPACE	16	20/1	0	SPACE		
17	20/1	0	SPACE	18	20/1	0	SPACE		
19	20/1	0	SPACE	20	20/1	0	SPACE		
21	20/1	0	SPACE	22	20/1	0	SPACE		
23	20/1	0	SPACE	24	20/1	0	SPACE		
OPTIONAL DWELLING UNIT CALCULATION (NEC 220.82)									
		CONN KVA		CONN KVA		CALC KVA			
LIGHTING AND RECEPTACLES	1.65	550 SF (3 VA/SF)	GENERAL LOAD UP TO 10 KVA	10	10	(100%)			
SMALL-APPLIANCE	3		OVER 10 KVA	6.95	2.78	(40%)			
APPLIANCES	2.3		MAX HEATING OR COOLING		6.16	(220.82(C)(1))			
ELECTRIC COOKING	10								
TOTAL GENERAL LOAD	17		TOTAL LOAD		18.9				
			BALANCED 3-PHASE LOAD		52.6 A				
			PHASE A		141%				
			PHASE B		124%				
			PHASE C		35.3%				
APPLIANCE BREAKDOWN									
TYPE		KVA							
REFRIGERATOR		0.5							
MICROWAVE		1.8							
TOTAL		2.3							
HVAC Load Calculation									
				KVA		NEC Code			
			Heating	6.16					
			Cooling	6.16					
			Mini Split	0.00					
			100% of Nameplate Rating of AC and Cooling	6.16		220.82 C(1)			
			100% of Nameplate Rating of Heat Pump w/o Supplemental Heat	0.00		220.82 C(2)			
			Heat Pump plus 65% of Supplemental Heat	0.00		220.82 C(3)			
			Largest Heating or Cooling Load	6.16		220.84 C(5)			
Multi-Family Dwelling Unit Calc									
			Total General Load		17.0				
			Largest Heating or Cooling Load 220.84		6.16				
			220.84 CONNECTED LOAD CALC		23.11				

TYP 4								TYP 4	
ROOM MOUNTING FLUSH		VOLTS 208Y/120V 3P 4W		AIC T.B.D.				U001	
FED FROM		BUS AMPS 125		MAIN BKR MLO				U002	
NOTE		NEUTRAL 100%		LUGS FEEDTHRU				U111	
								U112	
								U214	
								U314	
								U315	
CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION	CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION		
1	30/2	6.16	VTAC-1	2	50/2	10	RANGE		
3				4					
5	15/1	1.06	E-1, LIGHTING, RECEPTACLE	6	20/1	0.5	FRIG.		
7	15/1	1.49	E-2, LIGHTING, RECEPTACLE	8	20/1	1.8	MICROWAVE		
9	20/1	0.18	BATH	10	20/1	1.5	SMALL APPLIANCE		
11	20/1	0	SPACE	12	20/1	1.5	SMALL APPLIANCE		
13	20/1	0	SPACE	14	20/1	0	SPACE		
15	20/1	0	SPACE	16	20/1	0	SPACE		
17	20/1	0	SPACE	18	20/1	0	SPACE		
19	20/1	0	SPACE	20	20/1	0	SPACE		
21	20/1	0	SPACE	22	20/1	0	SPACE		
23	20/1	0	SPACE	24	20/1	0	SPACE		
OPTIONAL DWELLING UNIT CALCULATION (NEC 220.82)									
		CONN KVA							

7A - Project Description: 10000-10041-10041 - The Geiger House for Veterans - Client: OVA Construction, Document: 10041-E405-ELECTRICAL-DETAILS-REV EBS, PLOT: 04/13/2023 - 5:01 PM - By: H. Schick
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TYP 9

ROOM MOUNTING FLUSH VOLTS 208Y/120V 3P 4W AIC T.B.D.
 BUS AMPS 125 MAIN BKR MLO
 FED FROM NEUTRAL 100% LUGS FEEDTHRU

CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION	CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	30/2	6.16	VTAC-1	a 2	50/2	10	RANGE
3				b 4			
5	15/1	1.06	E-1, LIGHTING, RECEPTACLE	c 6	20/1	0.5	FRIG.
7	15/1	1.46	E-2, LIGHTING, RECEPTACLE	d 8	20/1	1.8	MICROWAVE
9	20/1	0.18	BATH	b 10	20/1	1.5	SMALL APPLIANCE
11	20/1	0	SPACE	c 12	20/1	1.5	SMALL APPLIANCE
13	20/1	0	SPACE	d 14	20/1	0	SPACE
15	20/1	0	SPACE	b 16	20/1	0	SPACE
17	20/1	0	SPACE	c 18	20/1	0	SPACE
19	20/1	0	SPACE	d 20	20/1	0	SPACE
21	20/1	0	SPACE	b 22	20/1	0	SPACE
23	20/1	0	SPACE	c 24	20/1	0	SPACE

OPTIONAL DWELLING UNIT CALCULATION (NEC 220.82)

	CONN KVA	550 SF (3 VA/SF)	GENERAL LOAD UP TO 10 KVA	CONN KVA	CALC KVA	
LIGHTING AND RECEPTACLES	1.65		10	10	17.0	(100%)
SMALL-APPLIANCE	3		OVER 10 KVA	6.95	2.78	(40%)
APPLIANCES	2.3		MAX HEATING OR COOLING		6.16	(220.82(C)(1))
ELECTRIC COOKING	10					
TOTAL GENERAL LOAD	17		TOTAL LOAD		18.9	
			BALANCED 3-PHASE LOAD		52.6 A	
			PHASE A		141%	
			PHASE B		124%	
			PHASE C		35.1%	

APPLIANCE BREAKDOWN

TYPE	KVA
REFRIGERATOR	0.5
MICROWAVE	1.8
TOTAL	2.3

HVAC Load Calculation

	KVA	NEC Code
Heating	6.16	
Cooling	6.16	
Mini Split	0.00	
100% of Nameplate Rating of AC and Cooling	6.16	220.82 C(1)
Largest Heating or Cooling Load	6.16	220.84 C(5)
Heat Pump plus 65% of Supplemental Heat	6.16	220.84 C(3)

TYP 9

U104
U204
U304

Multi-Family Dwelling Unit Calc	KVA
Total General Load	17.0
Largest Heating or Cooling Load 220.84	6.16
220.84 CONNECTED LOAD CALC	23.11



ISSUANCES

DATE	DESCRIPTION
01/18/2023	60% OCHA Review
04/13/2023	PERMIT SET
08/02/2023	ADDENDUM 1

Geiger House for Veterans / Klekamp Family Residences
 2631 GILBERT AVE.
 CINCINNATI, OH

PR - 10041

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DRAWN BY TAZ	CHECKED BY PRS
PROJECT NO.: 10041	
SCALE: AS NOTED	
DATE: 04-13-2023	
DRAWING TITLE ELECTRICAL DETAILS	
SHEET NO. E405	