

HIAWATHA TRAILS SENIOR APARTMENTS
6051 State Farm Road, Guilderland, New York

OWNER:

GUILDERLAND PARC
4010 PARK AVENUE, BRONX, NEW YORK 10457

ARCHITECT:

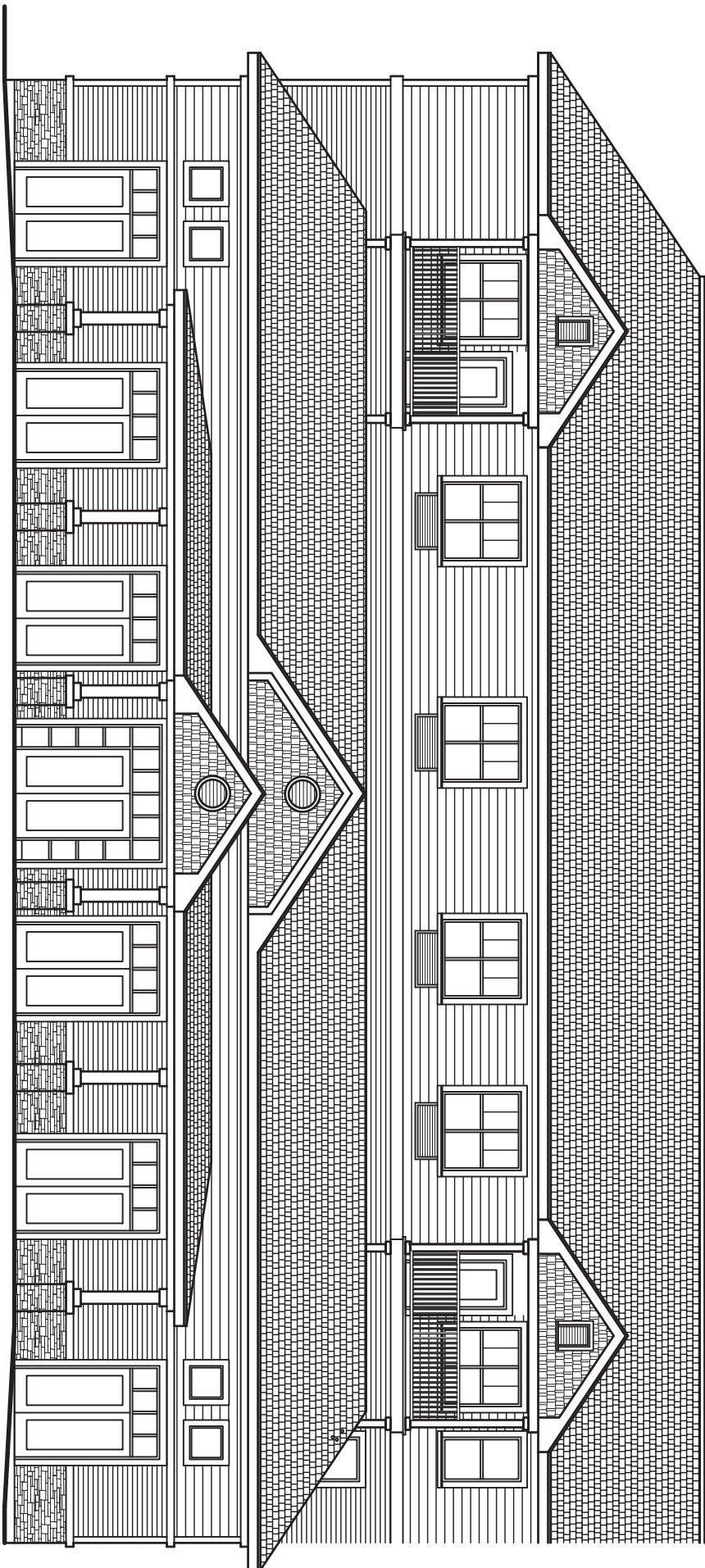
HARRIS A. SANDERS, ARCHITECTS, P.C.
252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210

SITE ENGINEER:

HERSBERG & HERSBERG CONSTRUCTION, ENGINEERING & LAND SURVEYORS
18 LOCUST STREET, ALBANY, NEW YORK, 12203

MEP ENGINEER:

M/E ENGINEERING
433 STATE STREET, SUITE 410, SCHENECTADY, NEW YORK 12305



DRAWING LIST

– COVER SHEET

ST1 STRUCTURAL NOTES
ST2 FOUNDATION PLAN
ST3 FIRST FLOOR FRAMING PLAN
ST4 SECOND FLOOR FRAMING PLAN AND SECOND FLOOR ROOF PLAN
ST5 THIRD FLOOR FRAMING PLAN
ST6 THIRD FLOOR ROOF FRAMING PLAN

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A2 GROUND FLOOR PARTIAL PLAN – AREA B
A3 GROUND FLOOR PARTIAL PLAN – AREA C
A4 FIRST FLOOR PARTIAL PLAN – AREA A
A5 FIRST FLOOR PARTIAL PLAN – AREA B
A6 FIRST FLOOR PARTIAL PLAN – AREA C
A7 SECOND FLOOR PARTIAL PLAN – AREA A
A8 SECOND FLOOR PARTIAL PLAN – AREA B
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A10 THIRD FLOOR PARTIAL PLAN – AREA A
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P0.2 GROUND FLOOR BELOW SLAB PLUMBING PLAN – AREA B
P0.3 GROUND FLOOR BELOW SLAB PLUMBING PLAN – AREA C
P1.1 GROUND FLOOR ABOVE SLAB PLUMBING PLAN – AREA A
P1.2 GROUND FLOOR ABOVE SLAB PLUMBING PLAN – AREA B
P1.3 GROUND FLOOR ABOVE SLAB PLUMBING PLAN – AREA C
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P2.2 FIRST FLOOR PLUMBING PLAN – AREA B
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P3.3 SECOND FLOOR PLUMBING PLAN – AREA C
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P4.2 THIRD FLOOR PLUMBING PLAN – AREA B
P4.3 THIRD FLOOR PLUMBING PLAN – AREA C
P6.1 ENLARGED UNIT PLANS

E0.1 ELECTRICAL LEGEND, ABBREVIATIONS & NOTES
E1.1 GROUND FLOOR ELECTRICAL PLAN – AREA A
E1.2 GROUND FLOOR ELECTRICAL PLAN – AREA B
E1.3 GROUND FLOOR ELECTRICAL PLAN – AREA C
E2.1 FIRST FLOOR ELECTRICAL PLAN – AREA A
E2.2 FIRST FLOOR ELECTRICAL PLAN – AREA B
E2.3 FIRST FLOOR ELECTRICAL PLAN – AREA C
E3.1 SECOND FLOOR ELECTRICAL PLAN – AREA A
E3.2 SECOND FLOOR ELECTRICAL PLAN – AREA B
E3.3 SECOND FLOOR ELECTRICAL PLAN – AREA C
E4.1 THIRD FLOOR ELECTRICAL PLAN – AREA A
E4.2 THIRD FLOOR ELECTRICAL PLAN – AREA B
E5.1 ENLARGED PLANS
E5.2 ENLARGED PLANS
E6.1 ELECTRICAL DETAILS
E6.2 ELECTRICAL DETAILS
E6.3 ELECTRICAL DETAILS
E6.4 ONE LINE DIAGRAM (CONTINUED)
E7.1 ELECTRICAL SCHEDULES

BUILDING CODE ANALYSIS

1. BUILDING CODE
ALL WORK WILL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2020 BUILDING CODE OF NEW YORK STATE AND THE TOWN OF GUILDERLAND.

2. STRUCTURAL DESIGN
THE STRUCTURAL DESIGN SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF THE 2020 BCNYS.

3. OCCUPANCY CLASSIFICATION
RESIDENTIAL - GROUP R-2 (150 UNIT APARTMENT BUILDING).

4. BUILDING HEIGHT - FOUR (4) STORIES

5. CONSTRUCTION CLASSIFICATION - TYPE V-A

6. ALLOWABLE AREA PER FLOOR AND BUILDING HEIGHT
RESIDENTIAL - GROUP R-2 (APARTMENTS)

I. ALLOWABLE HEIGHT AND FIRE AREA (TABLES 504.4 & 506.2)

FOUR (4) STORIES 36,000 SQ. FT.

II. AREA MODIFICATIONS (SECTION 506.2.3)

Aa = (A₁ + (N_s X H)) WHERE H = 75

III. Aa = (36,000 + (12,000 X .7571)) = 45,000 SQ. FT. (*W=30)

IV. MAXIMUM ALLOWABLE FIRE AREA- 45,000 SQ. FT.

V. ACTUAL BUILDING AREA - GROUND FLOOR - 50,016 SQ. FT.

FIRST FLOOR - 70,315 SQ. FT.

SECOND FLOOR - 63,270 SQ. FT.

THIRD FLOOR - 43,770 SQ. FT.

VI. LARGEST FIRE AREA- 44,615 SQ. FT.

7. FIRE RESISTANCE REQUIREMENTS
A. STRUCTURAL FRAME - 1 HR (TABLE 601)

B. BEARING WALLS - 1 HR (TABLE 601)

C. FIREWALLS - AREA SEPARATION WALLS - 2HR (TABLE 706A)

D. FLOOR/CEILING ASSEMBLIES - 1 HR

E. ROOF/CEILING ASSEMBLIES - 1 HR

F. STAIR/EXIT ENCLOSURES - 1HR

G. FIRE PARTITIONS AT CORRIDORS - 1HR

H. FIRE PARTITIONS AT TENANT SEPARATIONS - 1HR

8. STAIR ENCLOSURES (2020 BCNYS SECTION 1020)
ALL STAIRS WILL BE ENCLOSED WITH PARTITIONS AND CEILING ASSEMBLY HAVING A MINIMUM FIRE RESISTANCE RATING OF ONE HOUR. FOR (3) STORY ENCLOSURES & TWO HOURS FOR (4) STORY ENCLOSURES.

9. AUTOMATIC SPRINKLER SYSTEM

THE BUILDING WILL BE FULLY SPRINKLED IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA 13 AND SECTION 907.2 AND THE 2020 BCNYS SECTION 907.2.10.2.1. AN AUTOMATIC SPRINKLER SYSTEM SHALL BE INSTALLED IN ALL COMBUSTIBLE CONCEALED SPACES INCLUDING:

A. FLOOR/CEILING SPACE WHERE OPEN WEB WOOD TRUSSES ARE USED.

B. ATTIC AND PORCH ROOF TRUSS SPACES

C. AN AUTOMATIC FIRE DETECTION SYSTEM CONFORMING TO THE REQUIREMENTS OF NFPA 72 SHALL BE INSTALLED THROUGHOUT ALL CIRCULATION AREAS SERVING THE APARTMENTS.

D. ALARM NOTIFICATION WILL BE PROVIDED IN EACH APARTMENT FOR THE FIRE ALARM SYSTEM. THE COMMON AREA AUTOMATIC DETECTION SYSTEM AND THE SPRINKLER SYSTEM.

E. FIRE ALARM AND DETECTION SYSTEMS WILL BE PROVIDED IN ALL COMMON SPACES AS REQUIRED BY NFPA 72 AND THE LOCAL CODE ENFORCEMENT OFFICER.

F. INTERCONNECTED SINGLE STATION SMOKE ALARMS WILL BE INSTALLED IN EACH BEDROOM AND DIRECTLY OUTSIDE OF EACH BEDROOM (2020 BCNYS 907.2.10.2)

G. CARBON MONOXIDE ALARMS WILL BE PROVIDED IN EACH APARTMENT WITHIN 15 FEET ON THE SLEEPING AREA (THE 2020 FIRE CODE OF NEW YORK STATE - 2020FCNYS).

11. FIRE EXTINGUISHERS
FIRE EXTINGUISHERS SHALL BE PROVIDED IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF SECTION 906 OF THE 2020 BCNYS.

12. FIRE BLOCKING AND DRAFT STOPPING
A. FIRE BLOCKING & DRAFT STOPPING SHALL BE INSTALLED IN COMBUSTIBLE CONCEALED LOCATIONS IN ACCORDANCE WITH SECTION 718 OF THE 2020 BCNYS.

B. DRAFTSTOPPING IS NOT REQUIRED BETWEEN FLOORS PER 2020 BCNYS SECTION 718.3 EXCEPTION.

C. DRAFTSTOPPING IS NOT REQUIRED IN THE ATTIC SPACE PER 2020 BCNYS SECTION 718.4 EXCEPTION.

13. DUCT PENETRATIONS OF FIRE RATED ASSEMBLIES

A. FIRE PARTITIONS - FIRE DAMPERS ARE NOT REQUIRED AS NOTED IN 2020 BCNYS SECTION 717.5.4 EXCEPTION 1. ANY Voids BETWEEN THE DUCT AND THE ADJACENT PARTITIONS WILL BE FIRE STOPPED WITH A SYSTEM EQUAL TO HILTI FIRESTOP SYSTEMS NO. W-L-7059.

B. PENETRATIONS THROUGH A RATED FLOOR/CEILING ASSEMBLY A FIRE DAMPER WILL BE INSTALLED AT THE FLOOR LINE OF DUCT PENETRATIONS OF FLOOR/CEILING ASSEMBLIES. THE DUCT WILL BE FIRESTOPPED AT THE CEILING LINE. (2020 BCNYS SECTION 717.6.1)

C. PENETRATIONS THROUGH THE CEILING MEMBRANE OF A RATED FLOOR/CEILING ASSEMBLY, AN APPROVED ASSEMBLY, PENETRATION DAMPERS WILL ALSO BE INSTALLED WHERE DIFFERENCES PENETRATE THE CEILING MEMBRANE OF A RATED FLOOR/CEILING ASSEMBLY. (2020 BCNYS SECTION 717.6.2)

14. PIPE PENETRATIONS OF FIRE RATED ASSEMBLIES

ANY VOIDS AT PIPE PENETRATIONS OF FIRE RATED ASSEMBLIES SHALL BE FIRESTOPPED IN ACCORDANCE WITH A SYSTEM EQUAL TO AN APPROVED HILTI FIRESTOP SYSTEM FOR THAT SPECIFIC APPLICATION.

15. EXIT SIGNS AND EMERGENCY LIGHTING

EXIT SIGNS AND EMERGENCY LIGHTING WILL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2020 BCNYS 1008.3 AND 1013.

16. ATTIC ACCESS
ATTIC ACCESS SHALL BE PROVIDED THROUGH FIRE RATED ACCESS PANELS.

17. HANDICAP ACCESSIBILITY

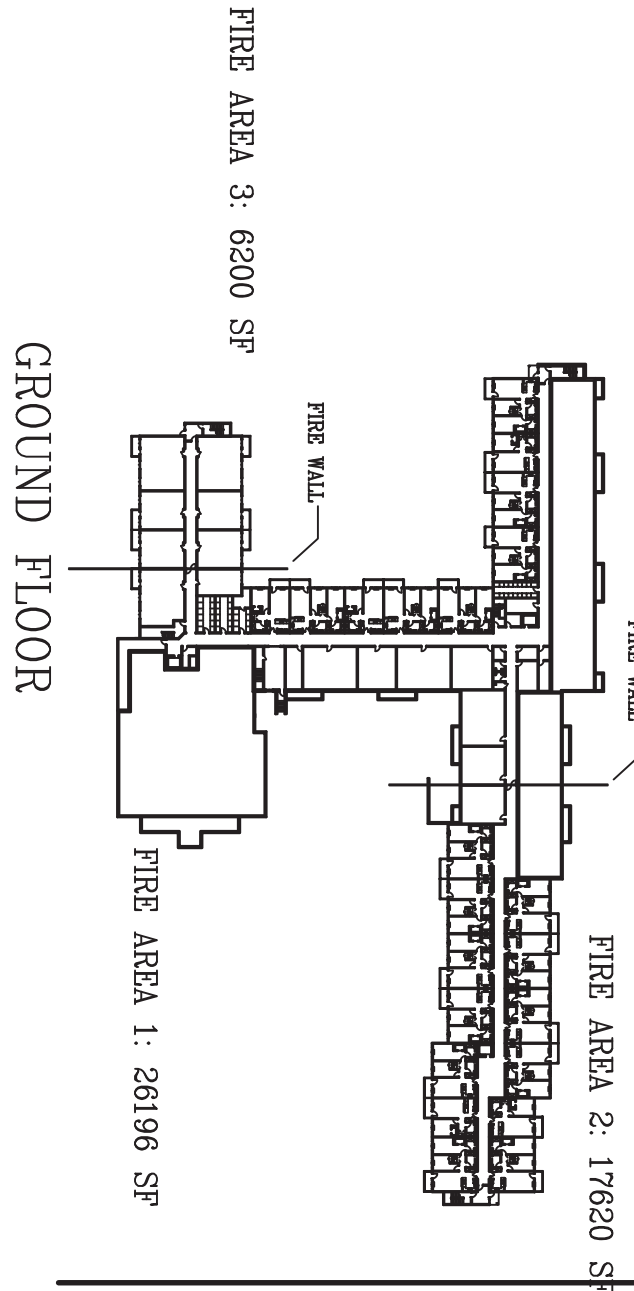
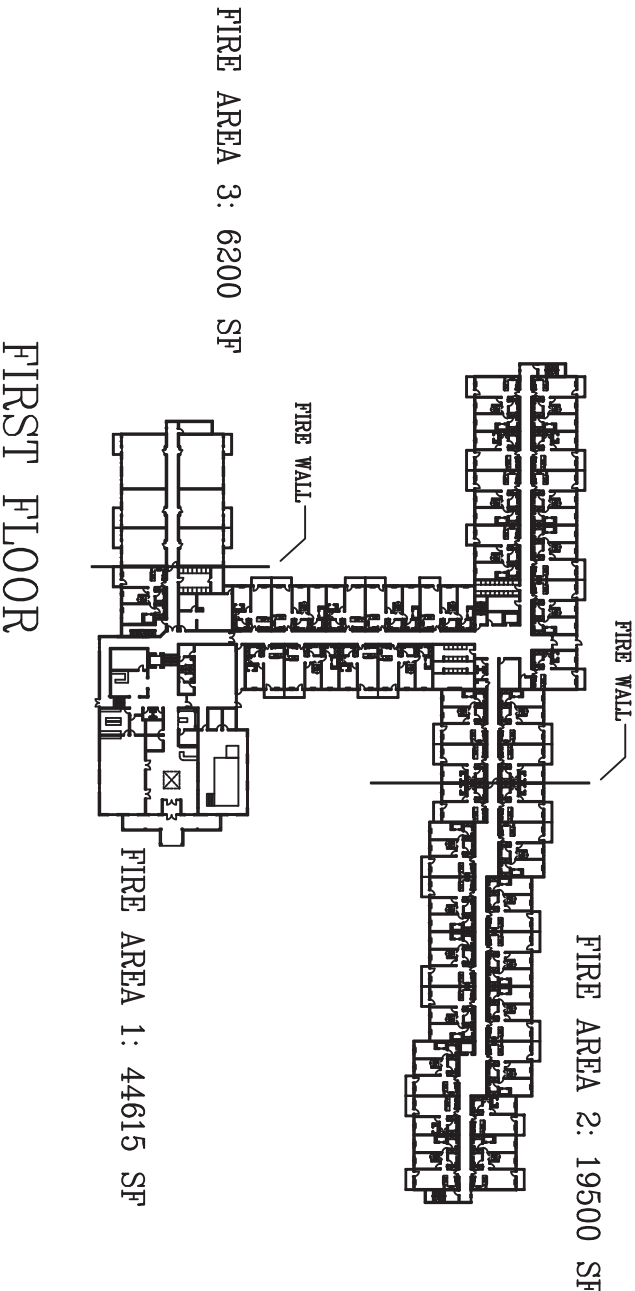
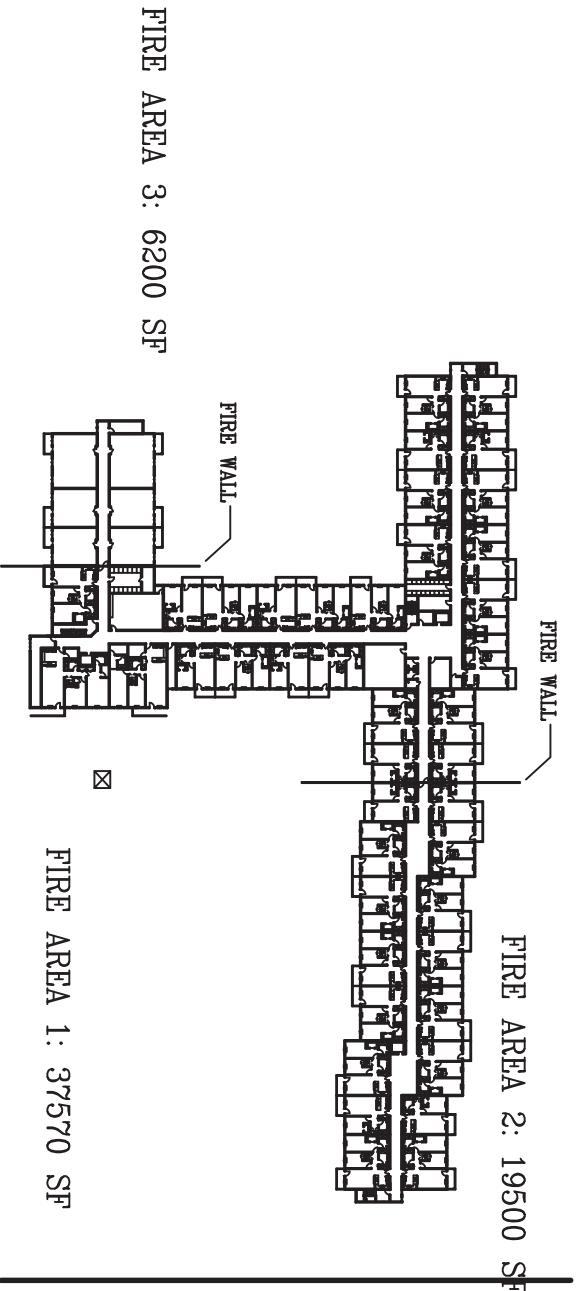
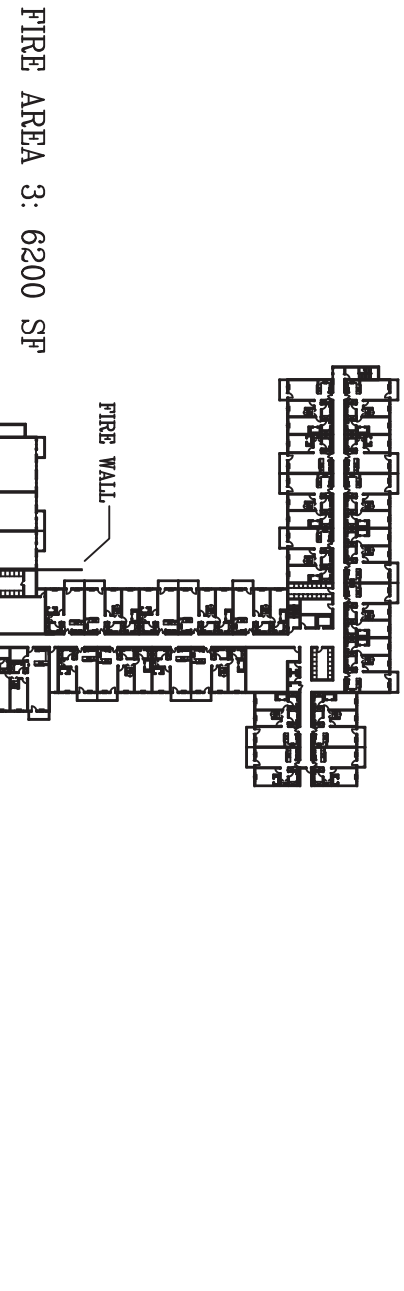
THE BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2020 BCNYS AND ICC A117.1 - 2009. ALL APARTMENTS HAVE BEEN DESIGNED TO BE TYPE B UNITS. ALL COMMON AREAS ARE FULLY ACCESSIBLE.

18. PLUMBING, HVAC AND ELECTRICAL

ALL PLUMBING, HVAC AND ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2020 BCNYS AND THE TOWN OF GUILDERLAND.

19. ENERGY ANALYSIS

ALL AREAS OF THE BUILDING HAVE BEEN DESIGNED IN COMPLIANCE WITH THE 2020 BCNYS.

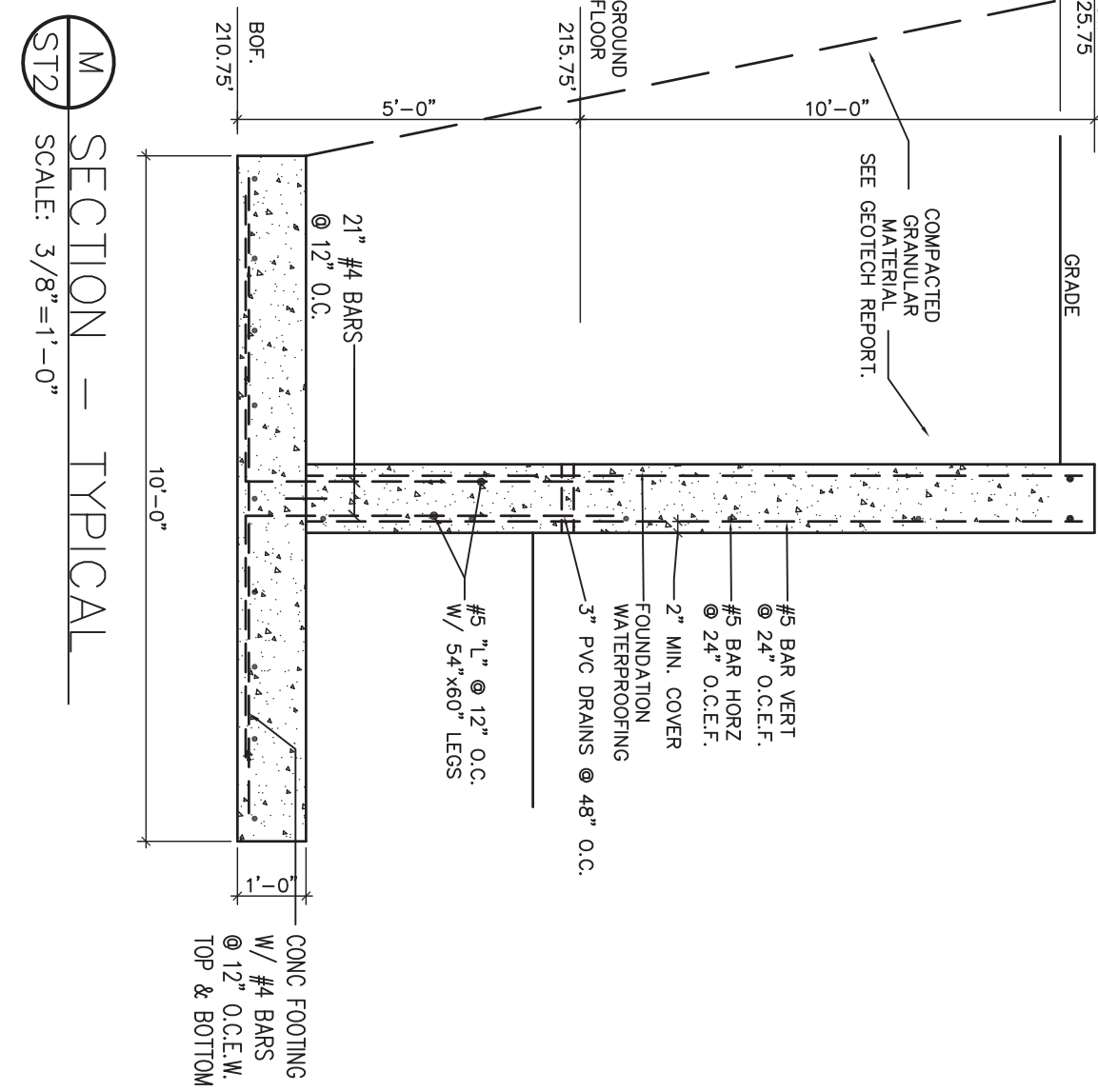


KEY PLAN

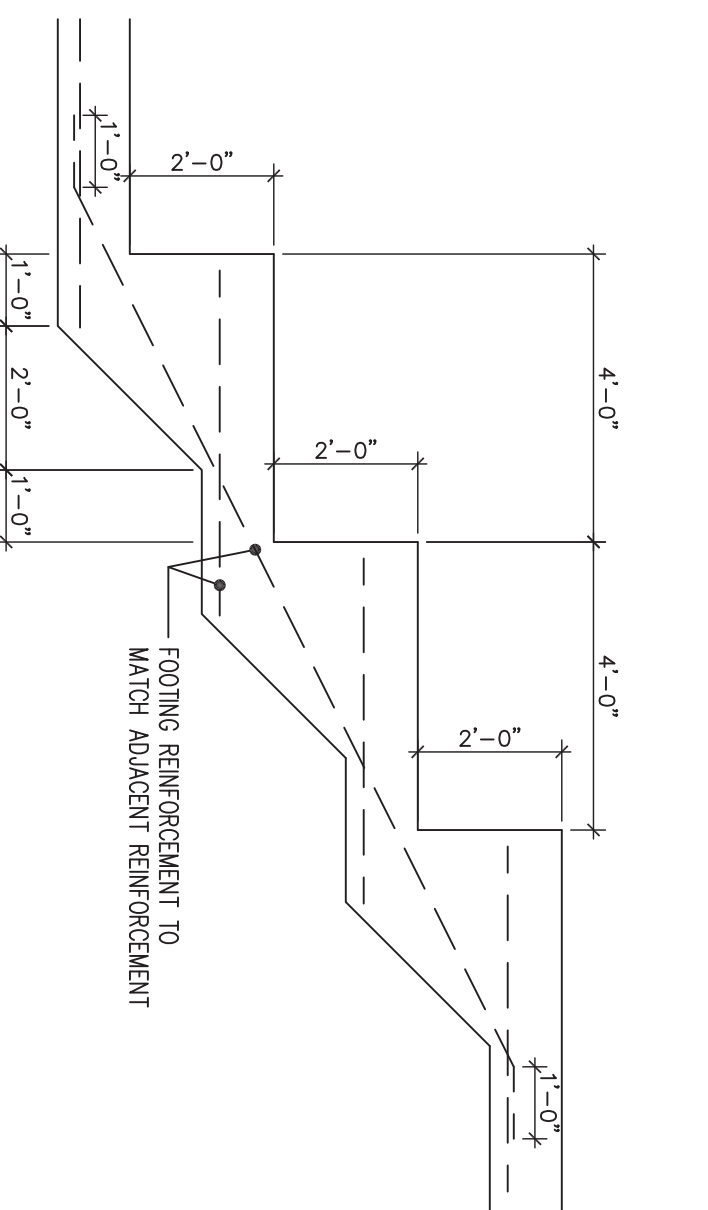


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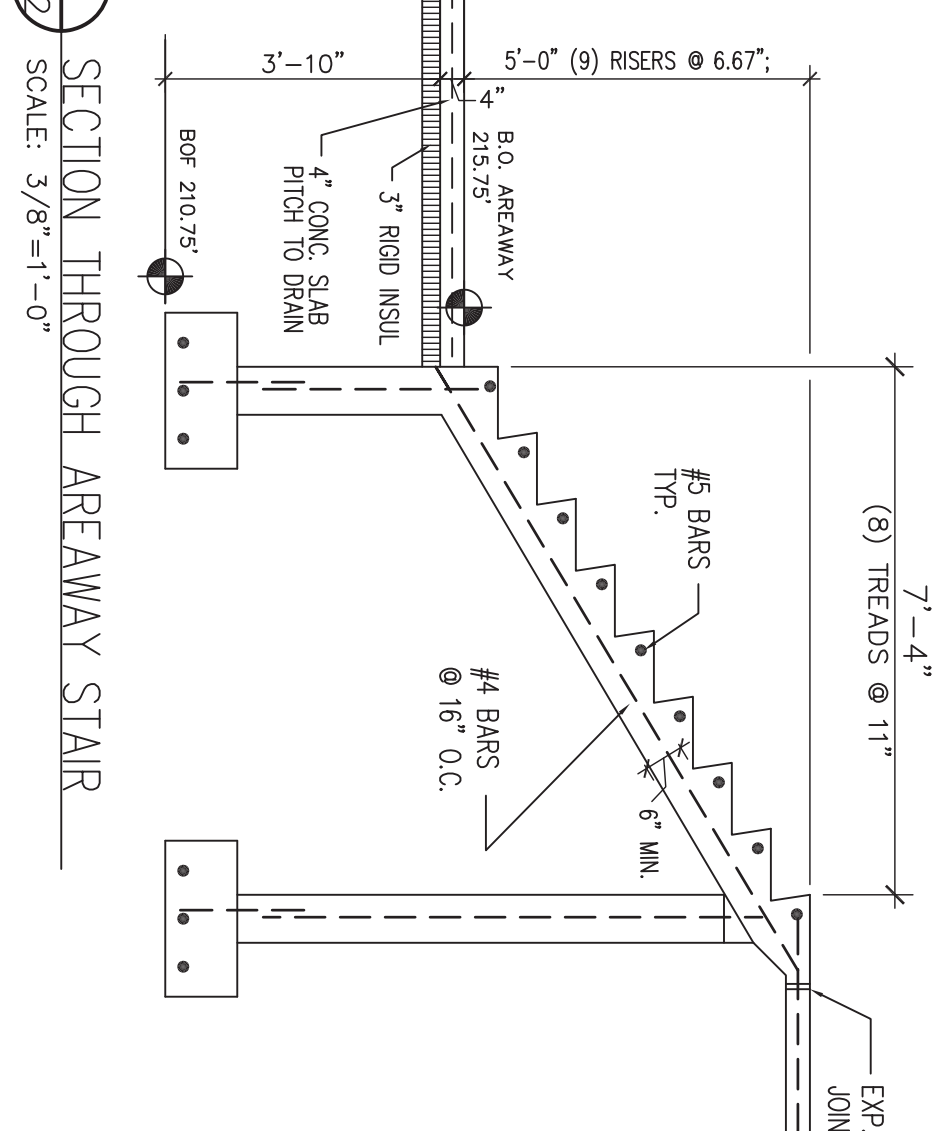
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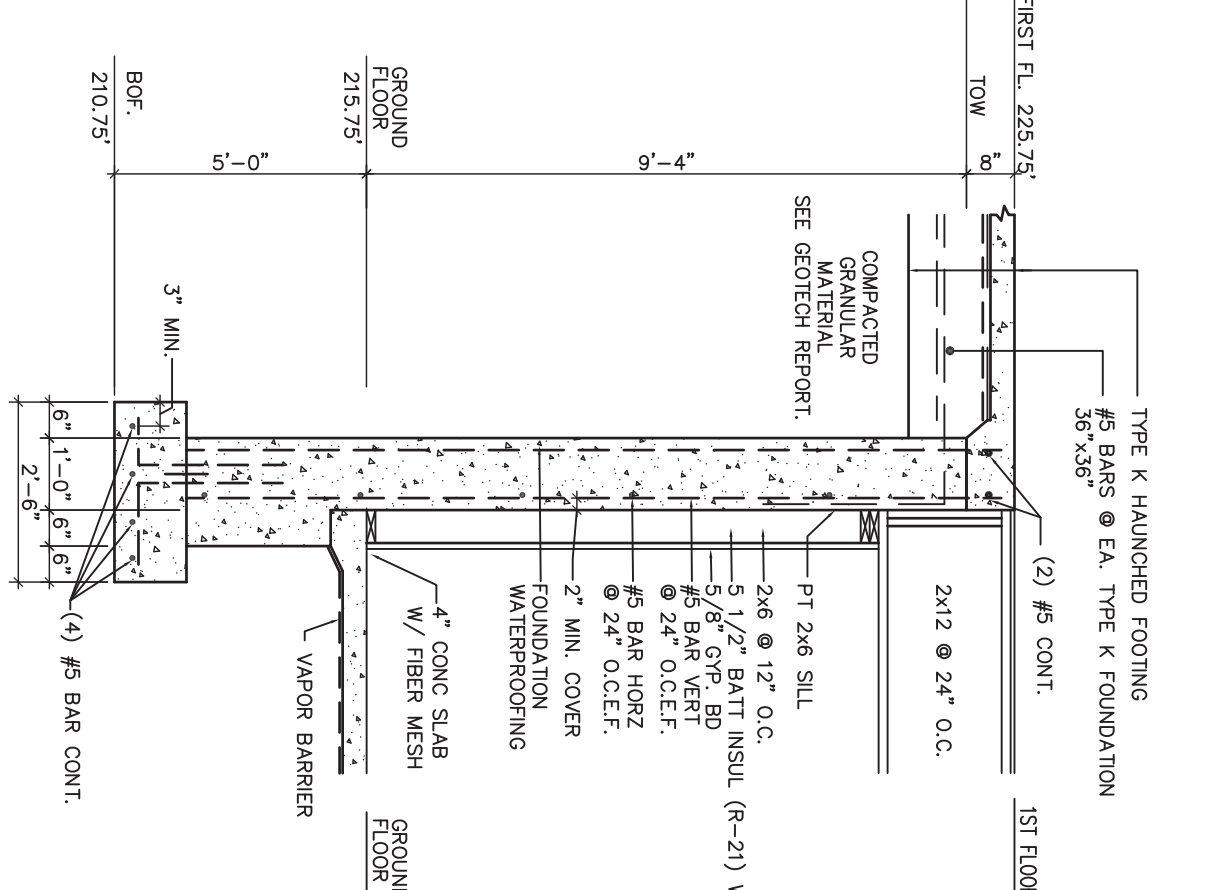
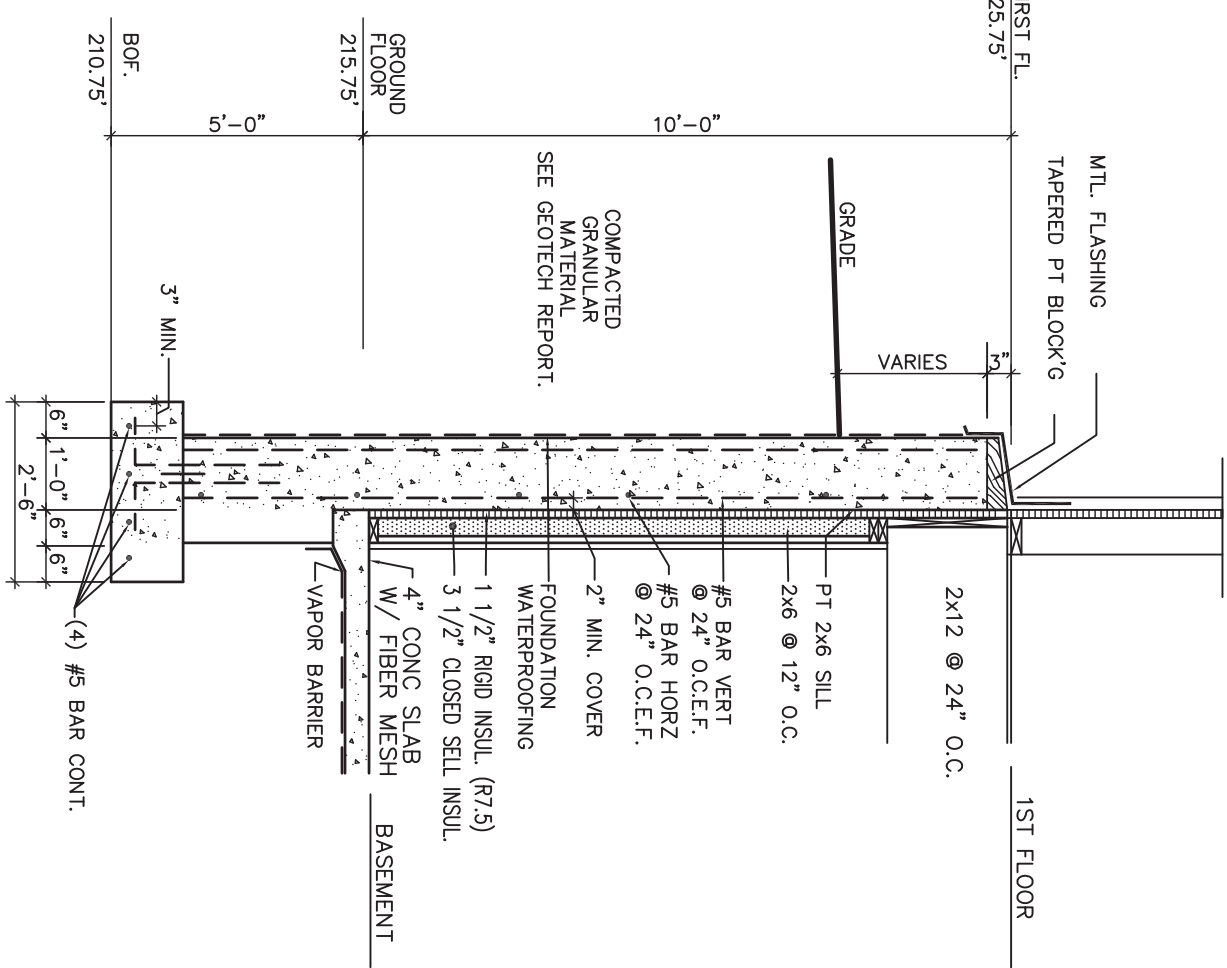
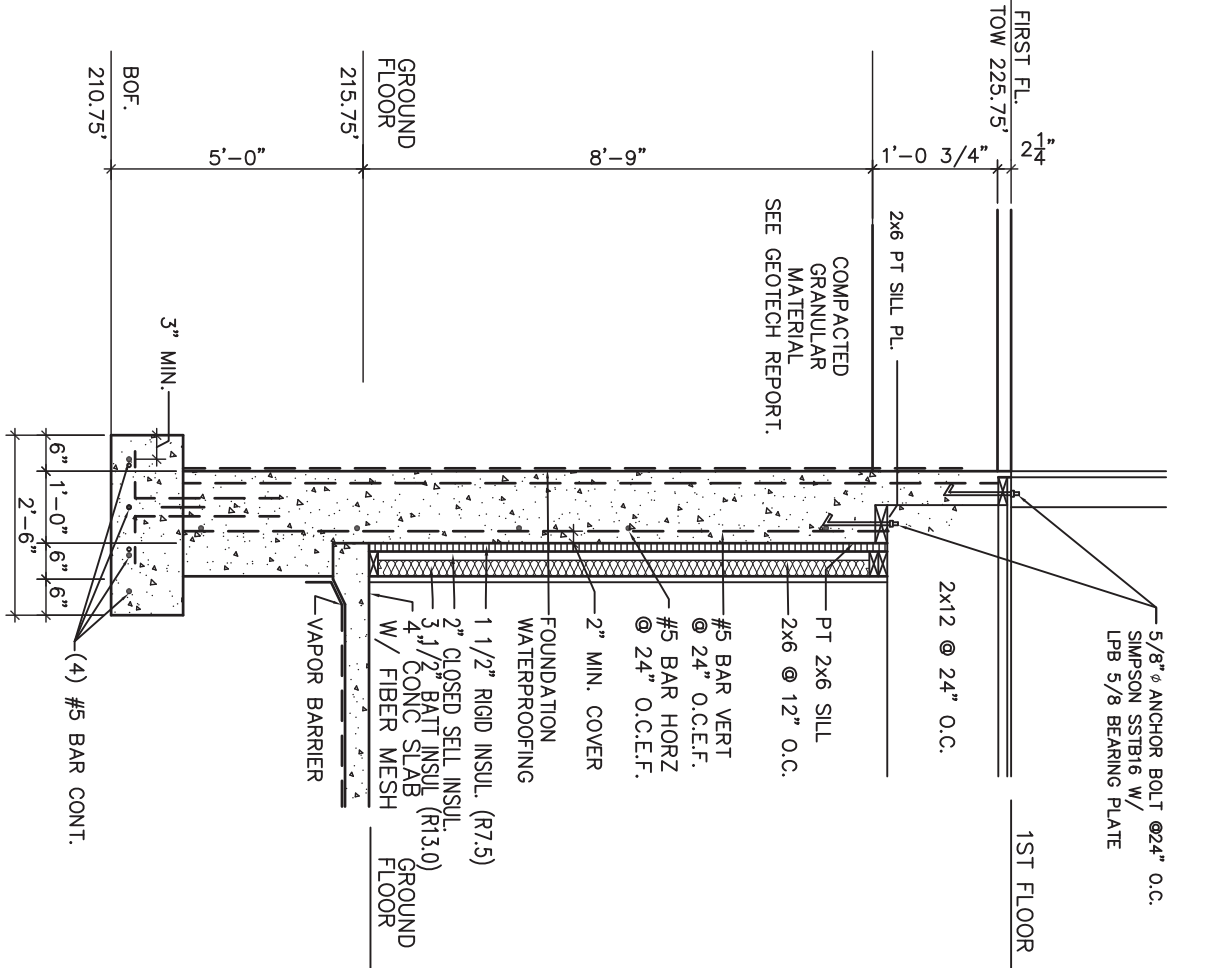
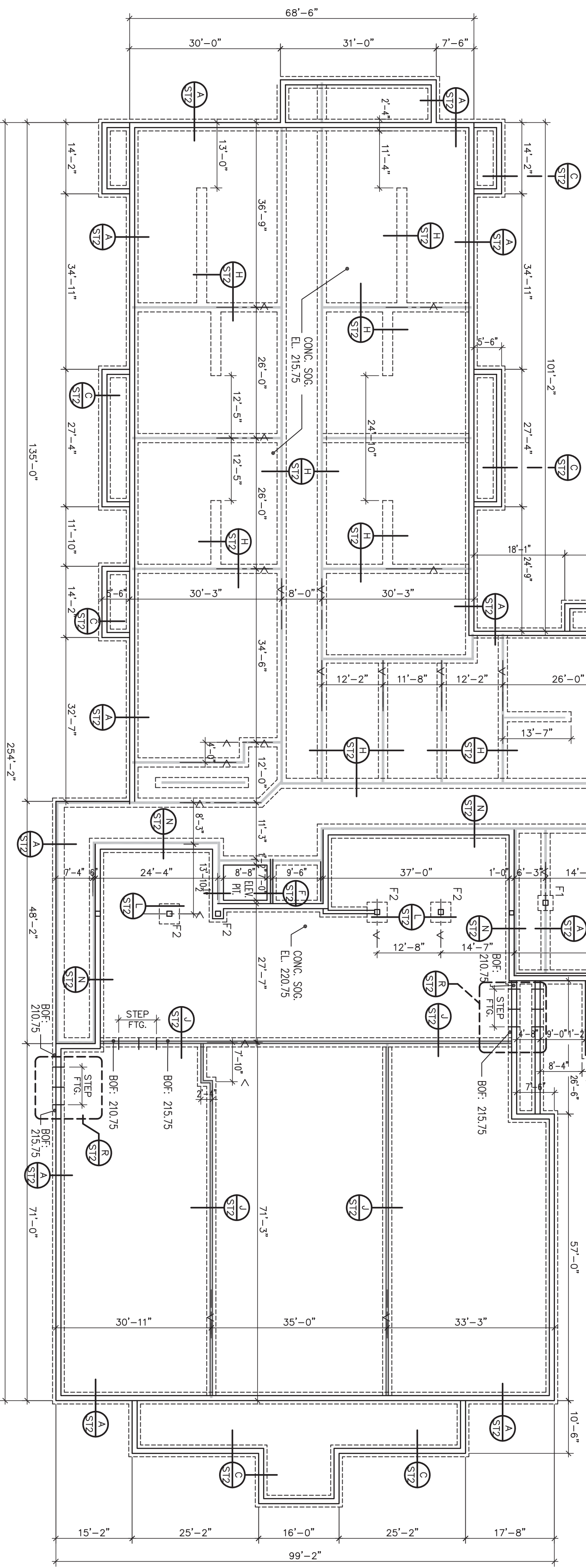
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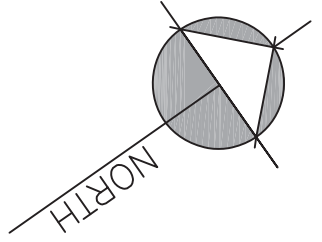
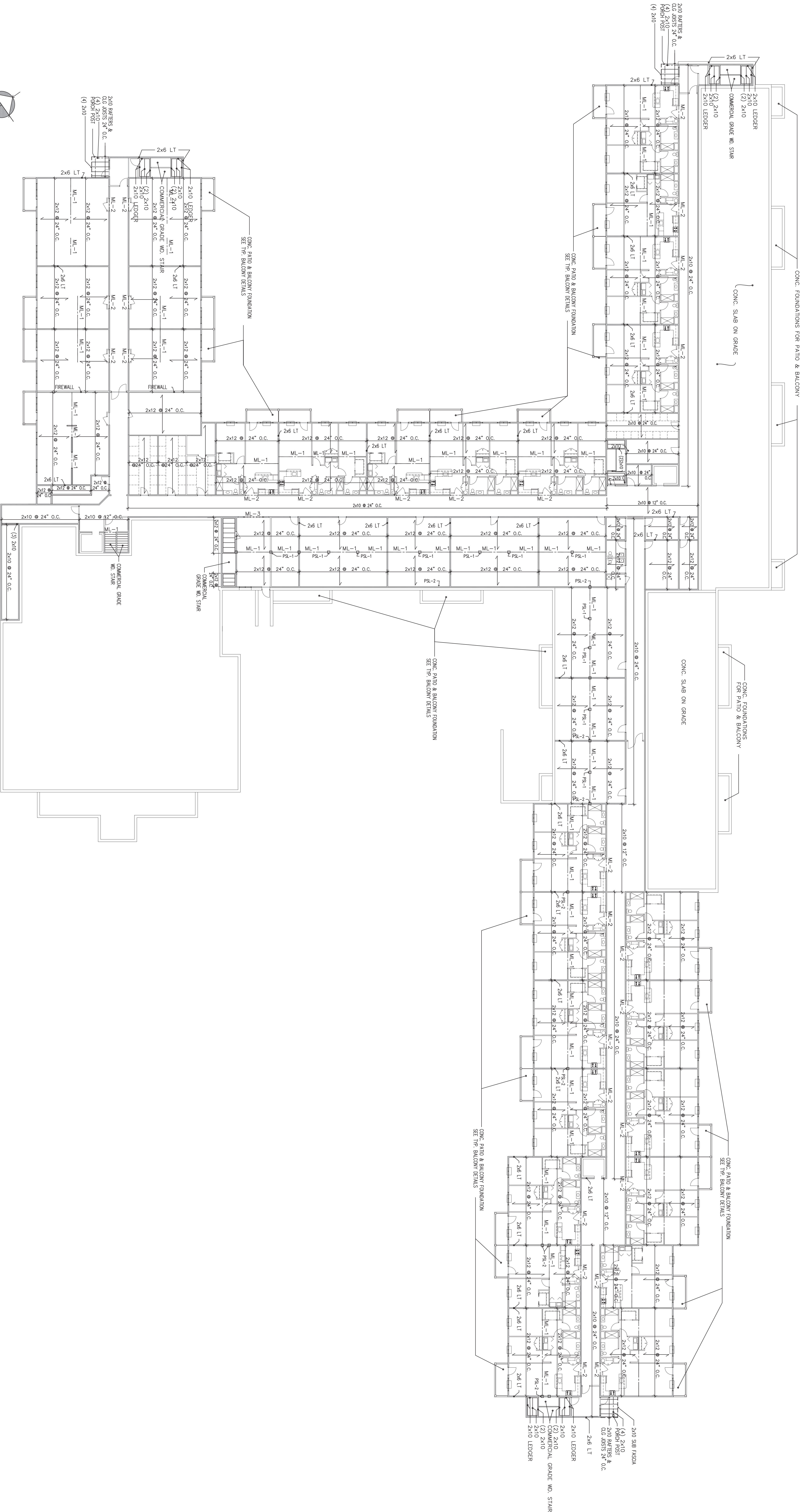


SECTION
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N
ST2



SECTION - TYPICAL





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

PROJECT NO.:
DRAWN BY:
CHECKED BY:
NOTES:
AS NOTED

**HARRIS A. SANDERS
ARCHITECTS, P.C.**
282 WASHINGTON AVENUE, ALBANY, NEW YORK 12210

HIAWATHA TRAILS SENIOR APARTMENTS

DATE:
REVISED:

ST3

PERMIT SET
05-24-21

FIRST FLOOR FRAMING PLAN



PROJECT NO.:
DRAWN BY:
CHECKED BY:
SCALE:
NOTES:

FILE NAME: 20240112210-04
LAYOUTS

DESIGNED BY:
AS NOTED

HARRIS A. SANDERS
ARCHITECTS, P.C.
292 WASHINGTON AVENUE, ALBANY, NEW YORK 12210

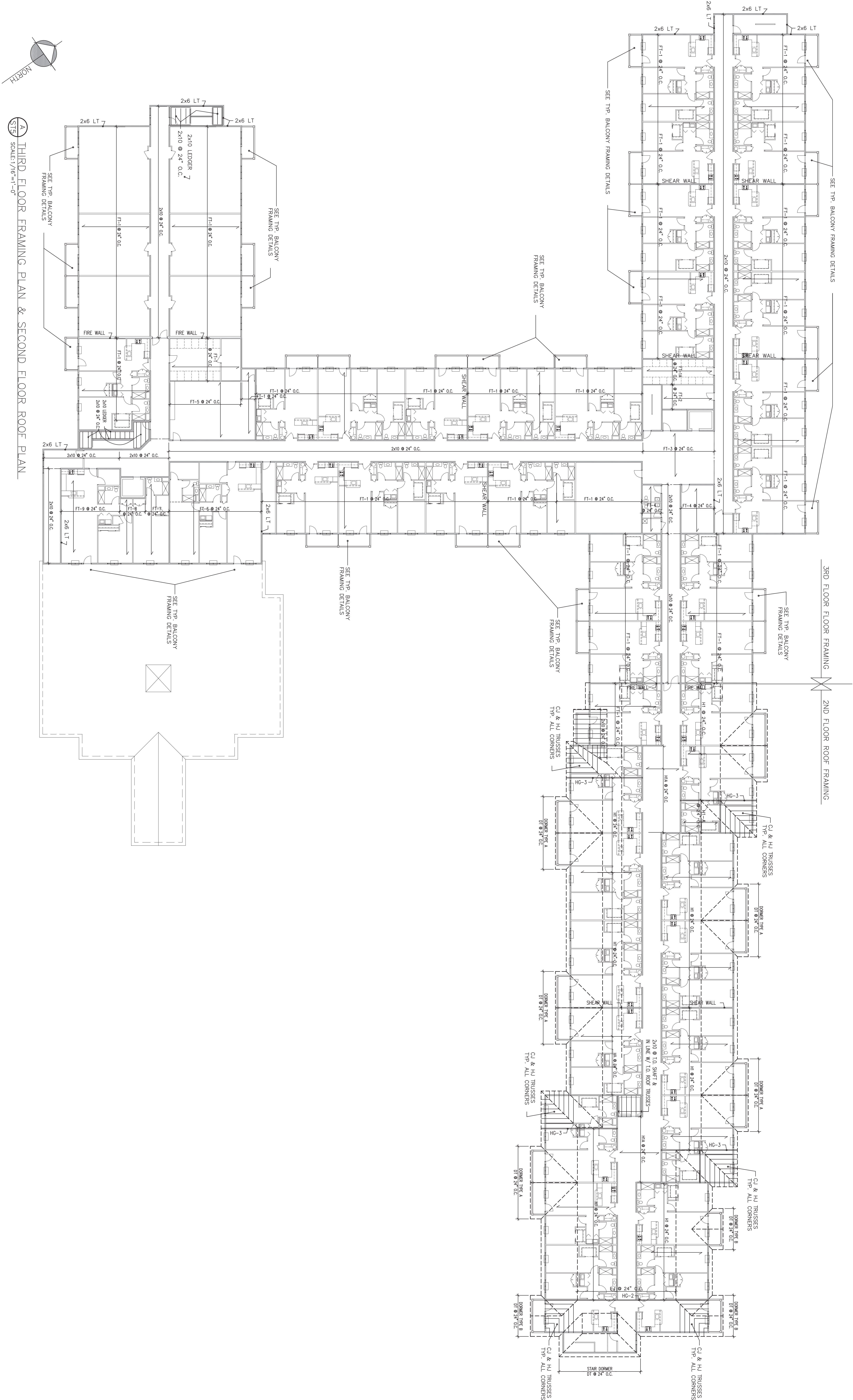
HIAWATHA TRAILS SENIOR APARTMENTS

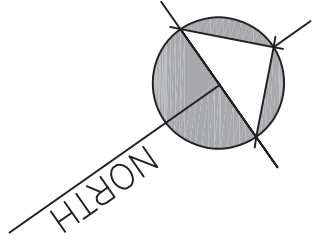
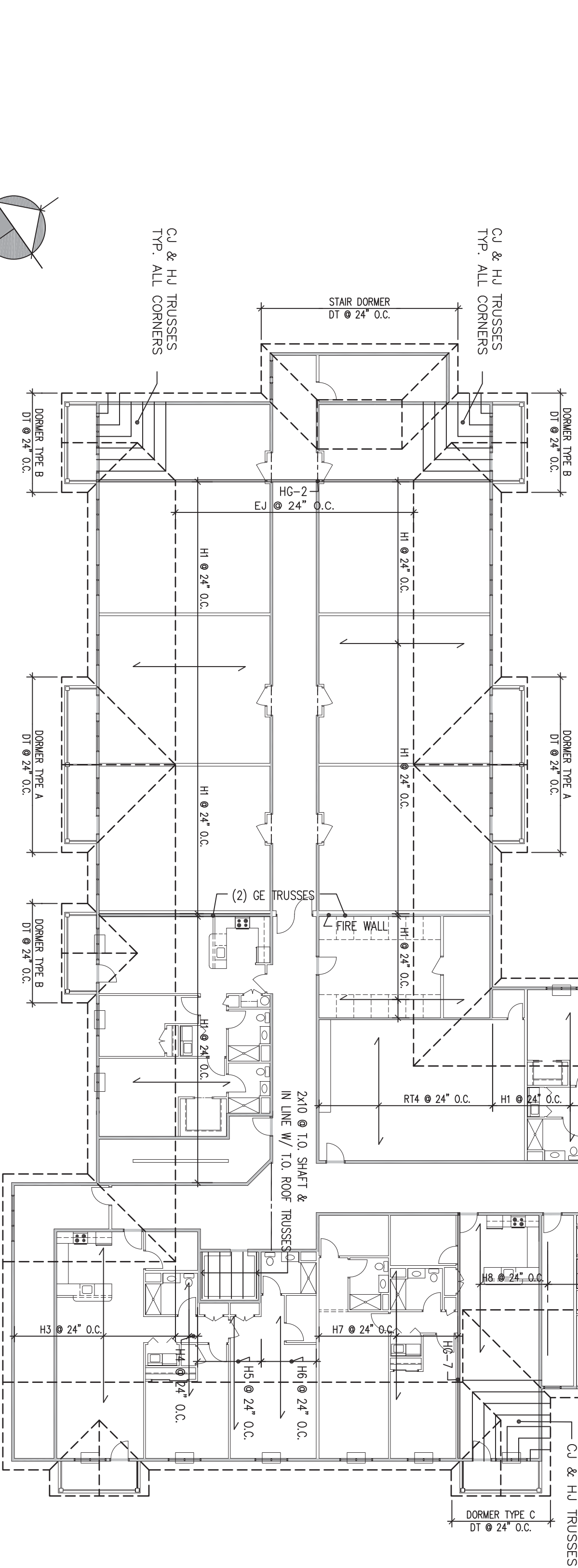
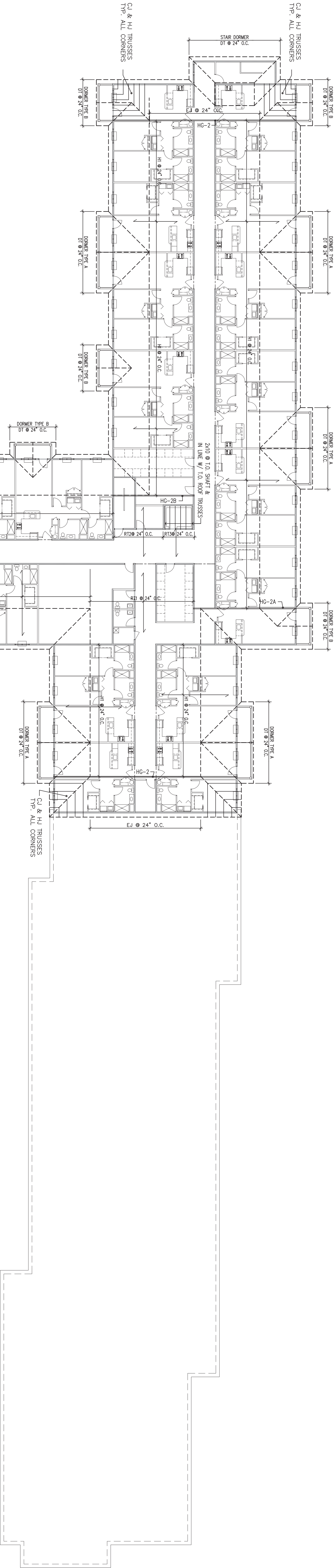
DATE:
REVISED:

REGISTERED ARCHITECT
DANIEL SANDERS
STATE OF NEW YORK
122001

ST5

PERMIT SET
05-24-21





A THIRD FLOOR ROOF FRAMING PLAN
SCALE: 1/16" = 1'-0"

PROJECT NO.: DRAWN BY: CHECKED BY: SCALE: NOTES:	PROJECT NO.: DRAWN BY: CHECKED BY: SCALE: NOTES:
	HARRIS A. SANDERS ARCHITECTS, P.C. 292 WASHINGTON AVENUE, ALBANY, NEW YORK 12210
	HIAWATHA TRAILS SENIOR APARTMENTS

DATE: REVISED:	REGISTERED ARCHITECT DANIEL SANDERS STATE OF NEW YORK 02400
PERMIT SET 05-24-21	ST6

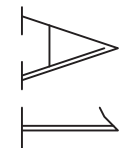
1 1-HOUR FIRE-RATED PARTITION	1/2" gypsum board, alternating studs/vertical reinforcement system R-21 cavity insulation F-21 cavity insulation 2x4 wood studs @ 24" o.c. (17' ft.) W/ 2x4 wood studs @ 24" o.c. (20' & 30' ft.) 5/8" type X GPM BD.
2 2-HOUR FIRE-RATED PARTITION	5/8" type XBD, type X core 2x4 wood studs @ 24" o.c. (17' ft.) 2x4" wood studs @ 24" o.c. (20' & 30' ft.) ONE HOUR FIRE RATING SEE STRUCTURAL DRAWING
3 3-HOUR FIRE-RATED PARTITION	5/8" type XBD, type X core 2x4 wood studs @ 24" o.c. ONE HOUR FIRE RATING SEE STRUCTURAL DRAWING
4 SOUND BARRIER	5/8" type XBD, type X core 2x4 wood studs @ 24" o.c. 2x4" wood studs @ 24" o.c. (20' & 30' ft.) 2x4" wood studs @ 24" o.c. (20' & 30' ft.)
5 5-HOUR FIRE-RATED PARTITION	5/8" type XBD, type X core 2x4 wood studs @ 24" o.c. 2x4" wood studs @ 24" o.c. (20' & 30' ft.) 2x4" wood studs @ 24" o.c. (20' & 30' ft.)
6 UNIT VERTICAL WALL	5/8" type XBD, type X core 2x4 wood studs @ 24" o.c. 2x4" wood studs @ 24" o.c. (20' & 30' ft.) 2x4" wood studs @ 24" o.c. (20' & 30' ft.)
7 UNIT STUD & CONCRETE BLOCK	5/8" type XBD, type X core 2x4 wood studs @ 24" o.c. 2x4" wood studs @ 24" o.c. (20' & 30' ft.) 2x4" wood studs @ 24" o.c. (20' & 30' ft.)
8 LOW PARTITION	5/8" type XBD, type X core 2x4 wood studs @ 24" o.c. 2x4" wood studs @ 24" o.c. (20' & 30' ft.) 2x4" wood studs @ 24" o.c. (20' & 30' ft.)
9 LOCK PARTITION COUNTER	5/8" type XBD, type X core 2x4 wood studs @ 24" o.c. 2x4" wood studs @ 24" o.c. (20' & 30' ft.) 2x4" wood studs @ 24" o.c. (20' & 30' ft.)
10 FINISHED OUT WALL	5/8" type XBD, type X core 2x4 wood studs @ 24" o.c. 2x4" wood studs @ 24" o.c. (20' & 30' ft.) 2x4" wood studs @ 24" o.c. (20' & 30' ft.)
11 FIRE WALL	5/8" type XBD, type X core 2x4 wood studs @ 24" o.c. 2x4" wood studs @ 24" o.c. (20' & 30' ft.) 2x4" wood studs @ 24" o.c. (20' & 30' ft.)

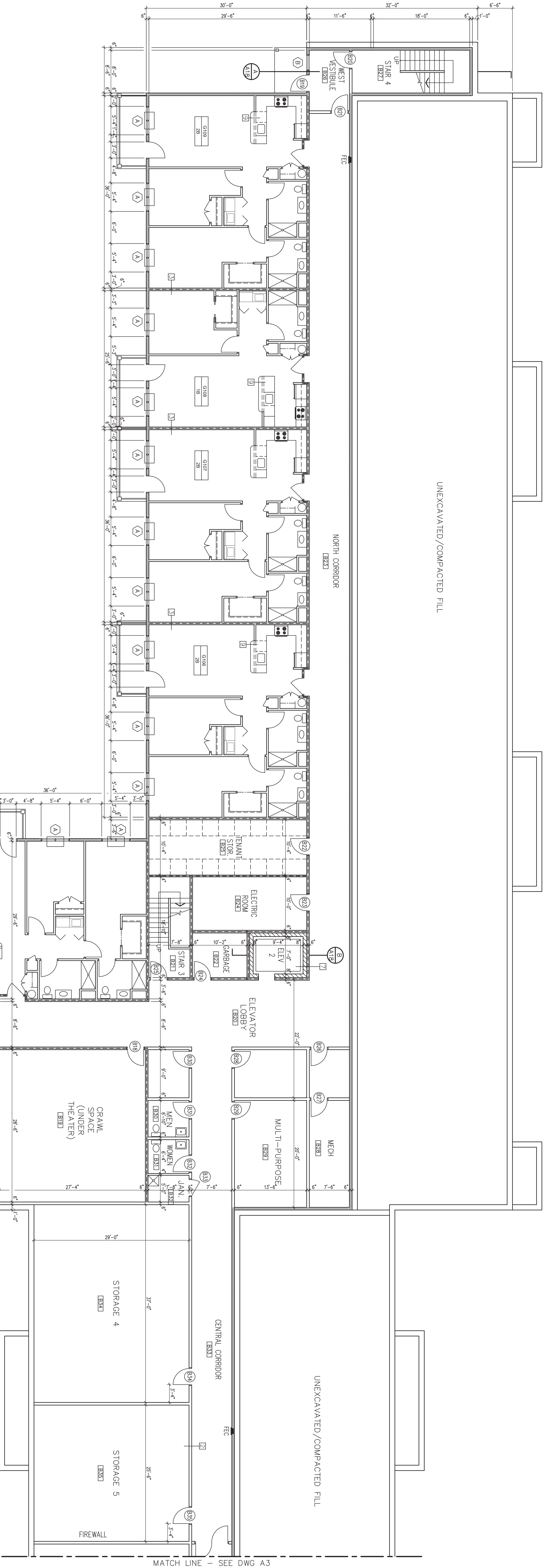


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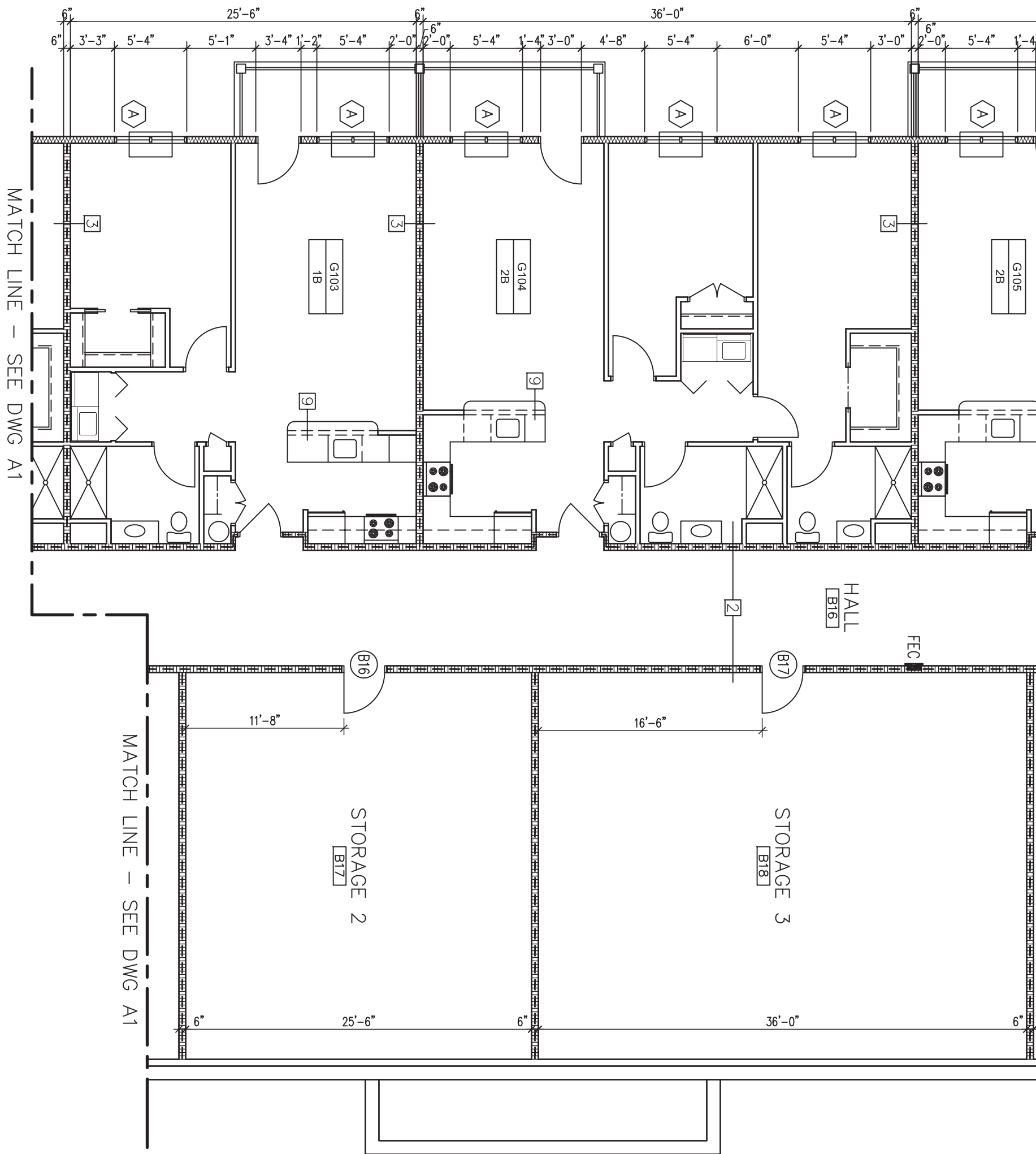
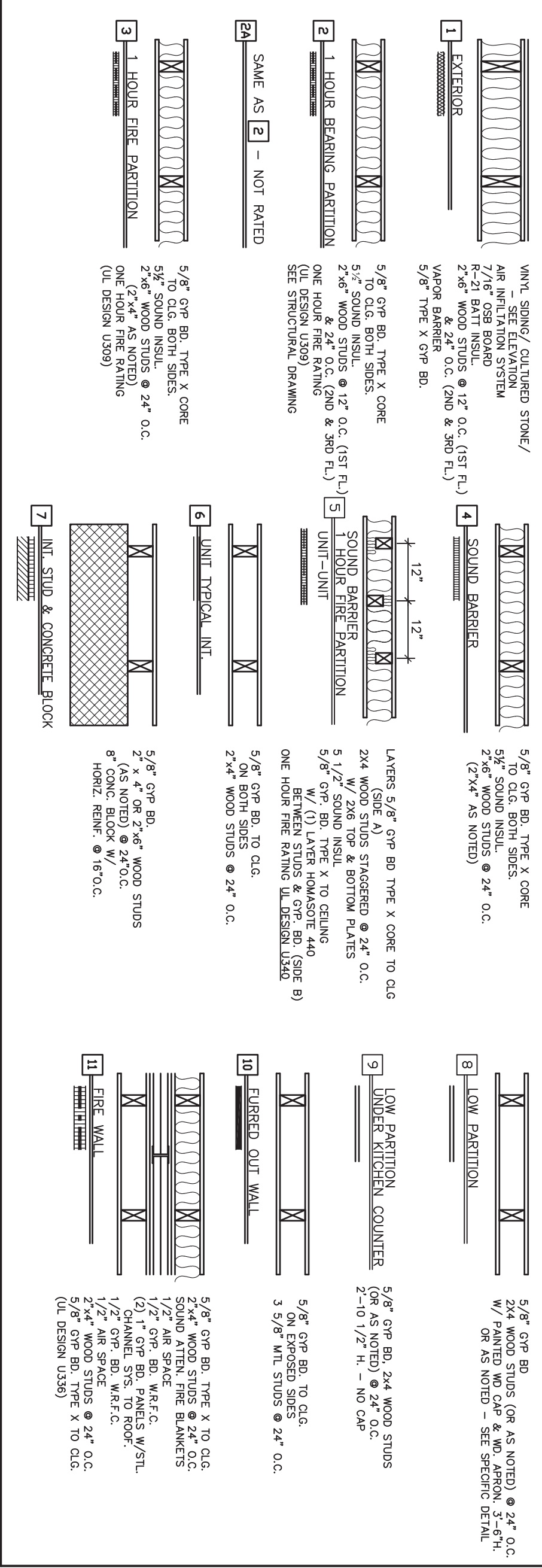
HARRIS A. SANDERS
ARCHITECTS, P.C.
252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210

REVISÉD

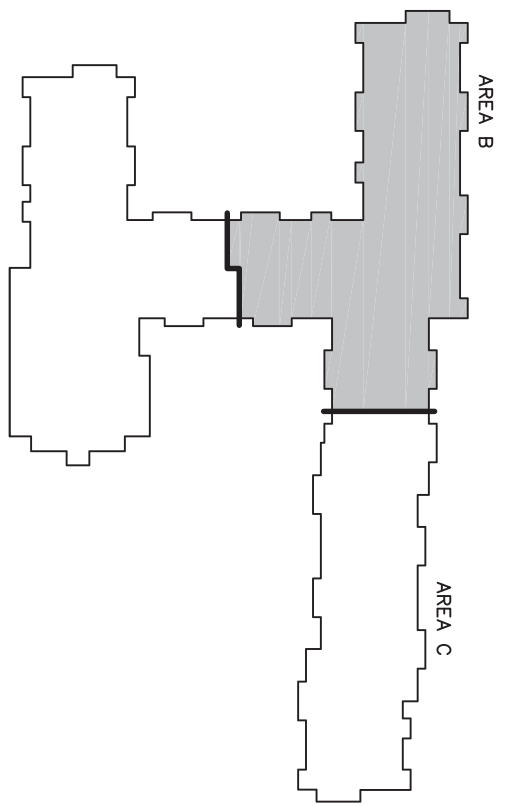




WALL & PARTITION TYPES



KEY PLAN



PERMIT SET
05-24-21

PROJECT NO:
DRAWN BY:
CHECKED BY:
SCALE:
NOTES:

HARRIS A. SANDERS
ARCHITECTS, P.C.
292 WASHINGTON AVENUE, ALBANY, NEW YORK 12210

HIAWATHA TRAILS SENIOR APARTMENTS

DATE:
REVISED:

REGISTERED ARCHITECT
DANIEL J. SANDERS
STATE OF NEW YORK
024000

A2

GROUND FLOOR PARTIAL PLAN – AREA B

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

PROJECT NAME: HIAWATHA TRAILS SENIOR APARTMENTS

WALL & PARTITION TYPES

- 1** FOUNDATION

1/2\"/>

2 1/2\"/>

3 1\"/>

4 SOUND BARRIER

1/2\"/>

5 3\"/>

6 UNIT TYPICAL UNIT

5/8\"/>

7 UNIT CORNER & CONCRETE BLOCK

5/8\"/>

8 LOW PARTITION

5/8\"/>

9 LOW PARTITION, COUNTER

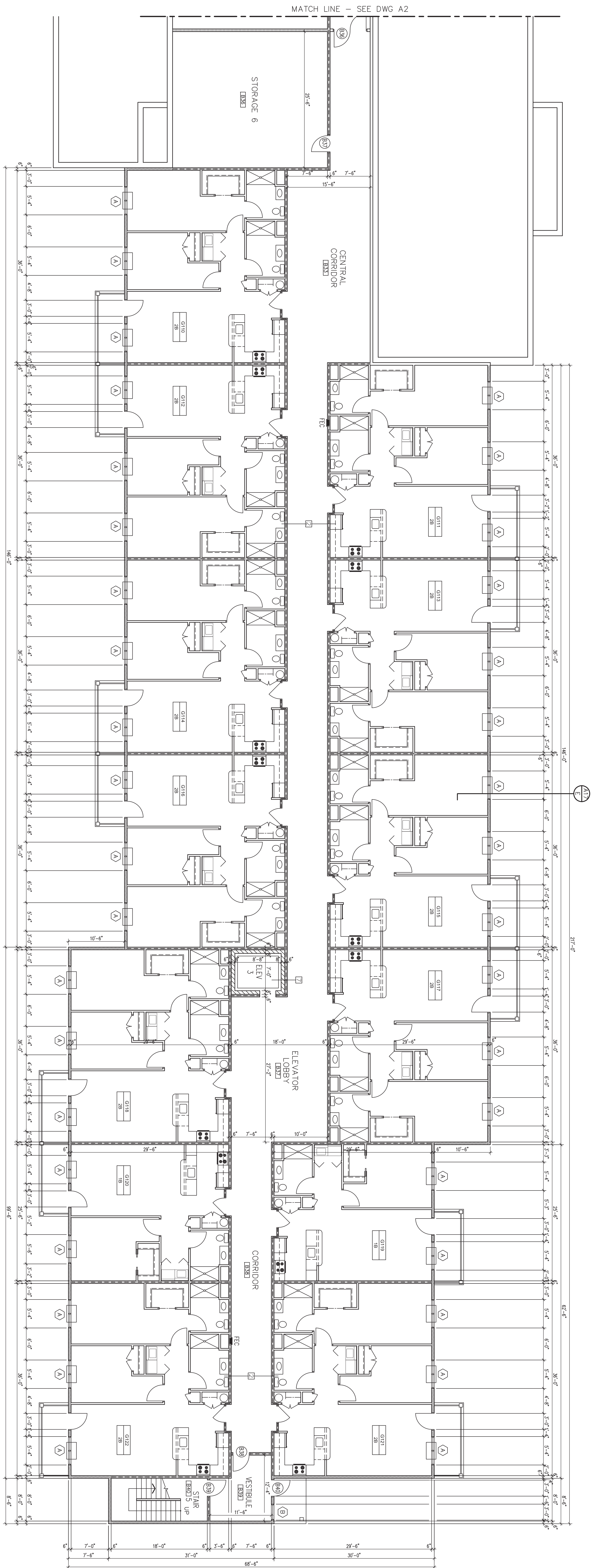
3/8\"/>

10 GLAZED CURT WALL

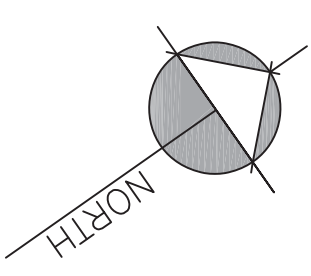
5/8\"/>

11 ROOF WALL

1/2\"/>



KEY PLAN

PERMIT SE
05-24-21

1 GROUND FLOOR PARTIAL PLAN - AREA C
A3 SCALE: 1/8" = 1'-0"

PLOTTED: 04/16/21 11:52:30 AM	PROJECT NO:
FILE NAME: 041621115230.dwg	DESIGNED BY:
LAYERS: _____	DRAWN BY:
	CHECKED BY:
	SCALE:
	AS NOTED
	NOTES:

HARRIS A. SANDERS
ARCHITECTS, P.C.
252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210

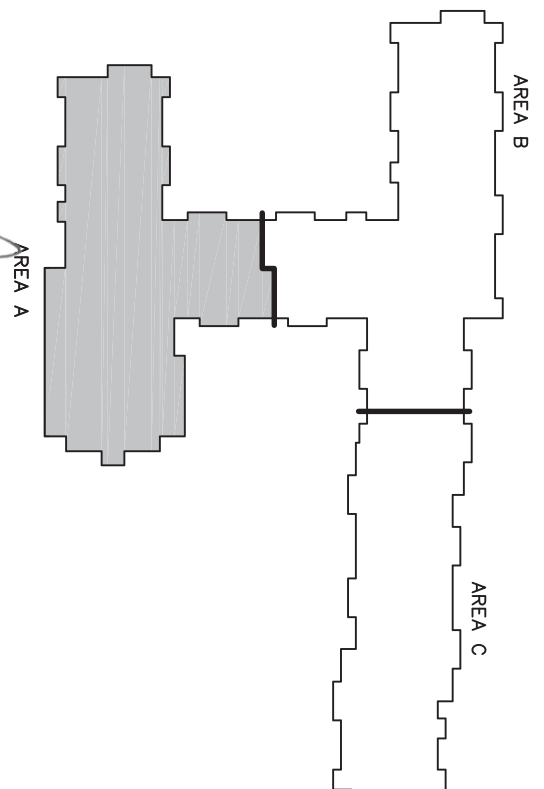
HIAWATHA TRAILS SENIOR APARTMENTS

GROUND FLOOR PARTIAL PLAN – AREA C

DATE:
REVISED

REMOVED



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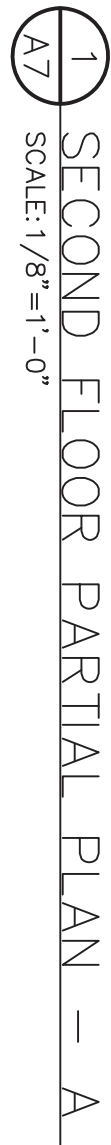
1 FIRST FLOOR
A4 SCALE: 1/8"=1'-0"

FIRST FLOOR PARTIAL PLAN – AREA A

A circular professional seal for Daniel P. Sanders, a Registered Architect in the State of New York. The seal features the text "REGISTERED ARCHITECT" at the top, "DANIEL P. SANDERS" in the center, "STATE OF NEW YORK" at the bottom, and the number "024004" on the left side. The seal is stamped in black ink on a white background.

[illegible]

KEY PLAN



HARRIS A. SANDERS
ARCHITECTS, P.C.

DATE: _____
REVISED _____



1 EXTERIOR

WALL, SET FLAVOUR
 7/8" OF COB BLOCK
 2"x6" WOOD STUDS @ 12" O.C. (151 PL)
 5/8" OF BRICKED JOINT @ 3/4" O.C.
 5/8" OF CONCRETE JOINT

2 INTERIOR

5/8" OF CONCRETE JOINT
 2"x6" WOOD STUDS @ 12" O.C. (151 PL)
 ONE HALF INCH FINISH
 SEE FINISHED DRAWING

3 LOWER FIRE PARTITION

5/8" OF CONCRETE JOINT
 2"x6" WOOD STUDS @ 12" O.C.
 ONE HALF INCH FINISH
 SEE FINISHED DRAWING

4 STONE BRICKER

5/8" OF CONCRETE JOINT
 2"x6" WOOD STUDS @ 12" O.C.
 ONE HALF INCH FINISH
 SEE FINISHED DRAWING

5 STONE BRICKER PARTITION

5/8" OF CONCRETE JOINT
 2"x6" WOOD STUDS @ 12" O.C.
 ONE HALF INCH FINISH
 SEE FINISHED DRAWING

6 UNIT INTERIOR INT.

5/8" OF CONCRETE JOINT
 2"x6" WOOD STUDS @ 12" O.C.
 ONE HALF INCH FINISH
 SEE FINISHED DRAWING

7 UNIT STONE & CONCRETE BLOCK

5/8" OF CONCRETE JOINT
 2"x6" WOOD STUDS @ 12" O.C.
 ONE HALF INCH FINISH
 SEE FINISHED DRAWING

8 LOWER KITCHEN COUNTER

5/8" OF CONCRETE JOINT
 2"x6" WOOD STUDS @ 12" O.C.
 ONE HALF INCH FINISH
 SEE FINISHED DRAWING

9 LOWER KITCHEN COUNTER

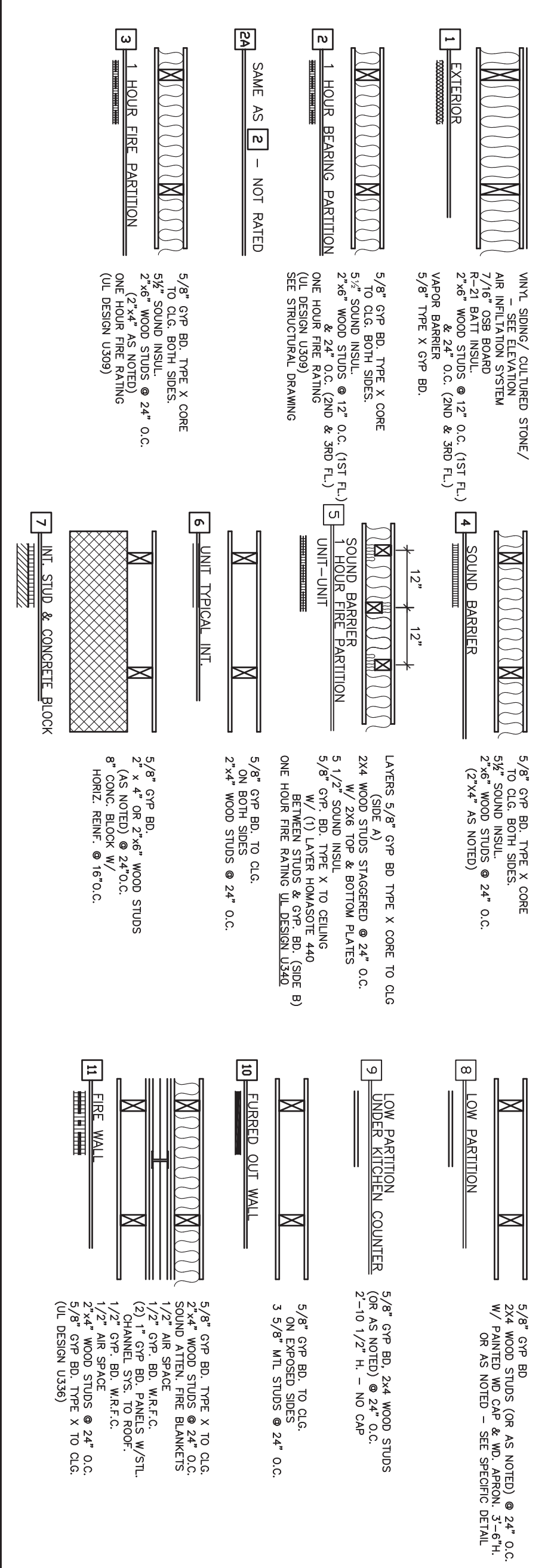
5/8" OF CONCRETE JOINT
 2"x6" WOOD STUDS @ 12" O.C.
 ONE HALF INCH FINISH
 SEE FINISHED DRAWING

10 PARTITION

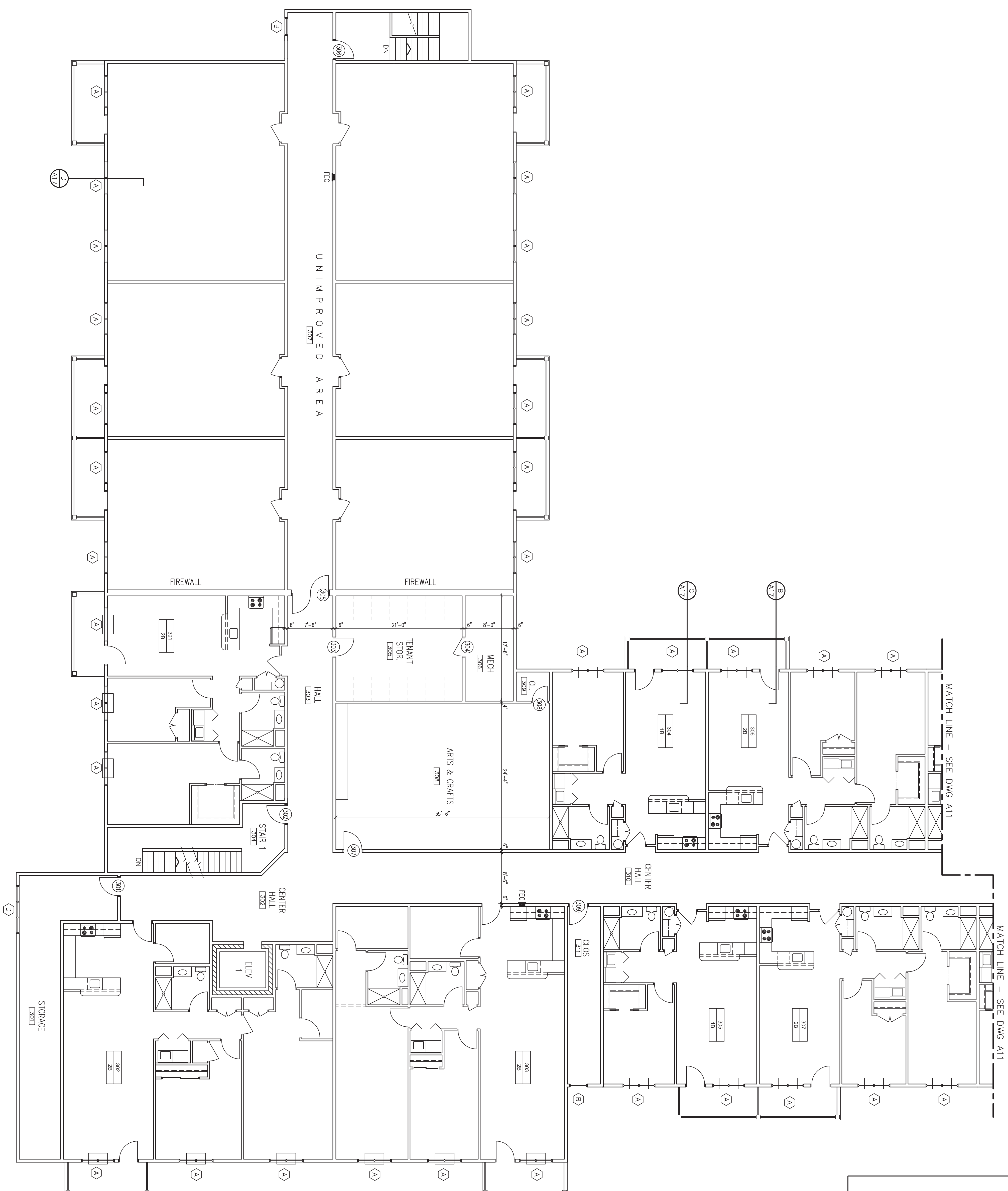
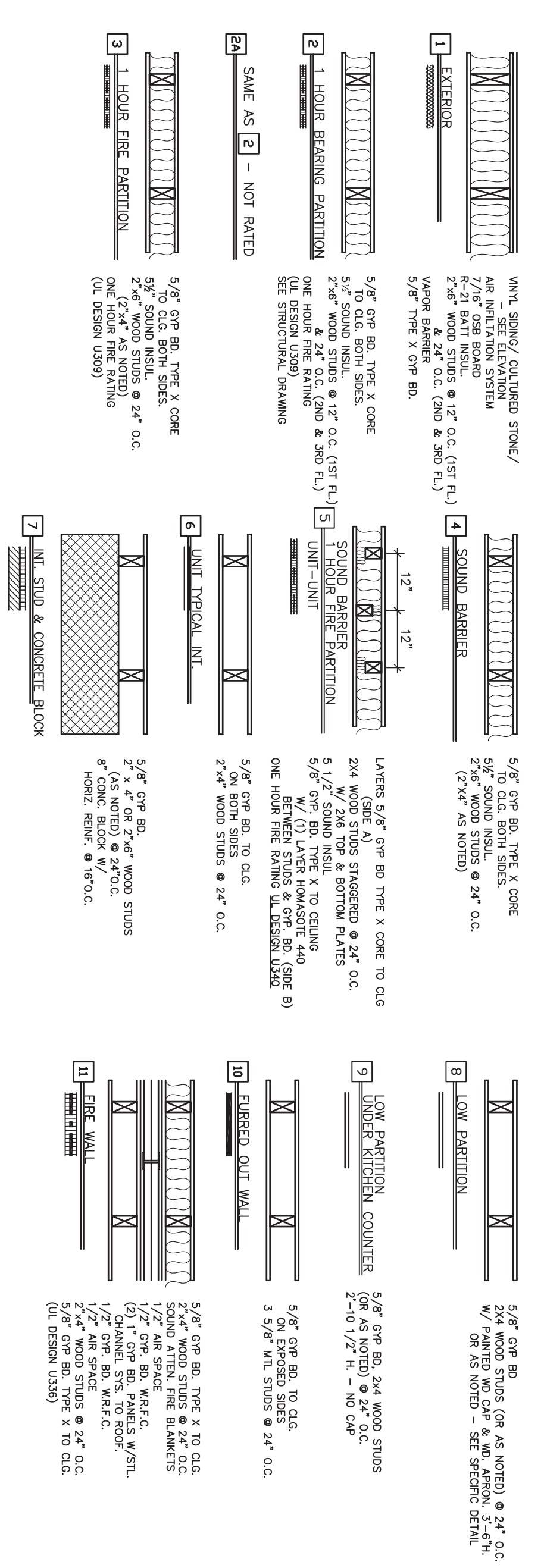
5/8" OF CONCRETE JOINT
 2"x6" WOOD STUDS @ 12" O.C.
 ONE HALF INCH FINISH
 SEE FINISHED DRAWING

11 FIRE WALL

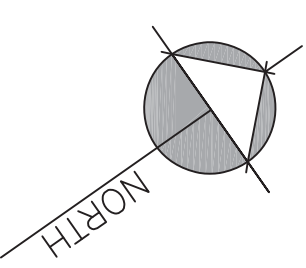
5/8" OF CONCRETE JOINT
 2"x6" WOOD STUDS @ 12" O.C.
 ONE HALF INCH FINISH
 SEE FINISHED DRAWING

PERMIT SE
05-24-21PERMIT SE
05-24-21PERMIT SE
05-24-21PERMIT SE
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05-24-21PERMIT SE
05-24-21PERMIT SE
05-24-21

WALL & PARTITION TYPES



KEY PLAN

PERMIT SE
05-24-21

1 THIRD FLOOR PARTIAL PLAN - A
A10 SCALE: 1/8" = 1'-0"

PLOTTED: 3/24/21 11:55 AM FILE NAME: HARRIS A.SENI.DWG LAYERS:	PROJECT NO: DESIGNED BY: DRAWN BY: CHECKED BY: SCALE: AS NOTED	HARRIS A. SANDERS ARCHITECTS, P.C. 252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210 HIAMATHA TRAILS SENIOR APARTMENTS
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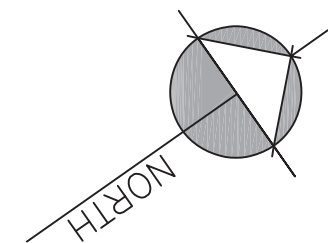
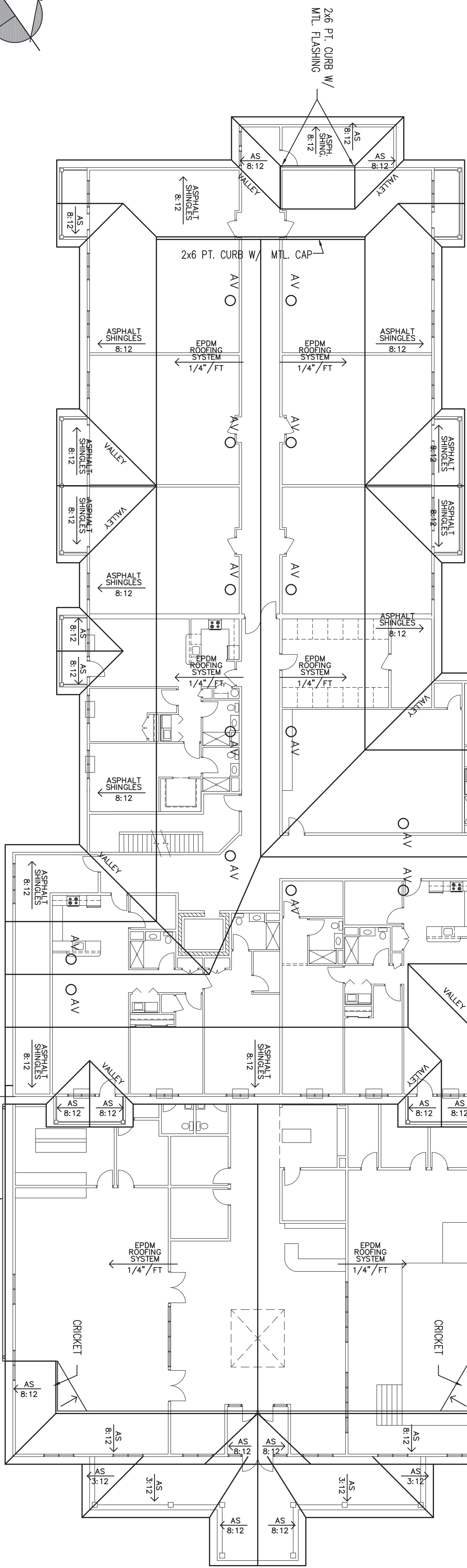
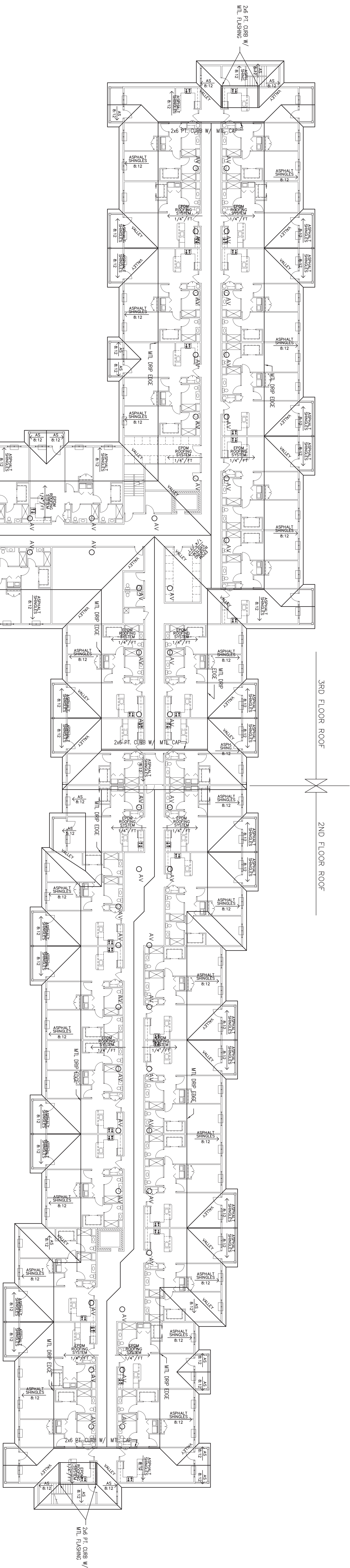
THIRD FLOOR PARTIAL PLAN - AREA A

DATE:
REVISED

REMOVED



A10



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

3RD FLOOR ROOF

ENTRANCE LEVEL ROOF

CUTTER &
DOWNSPOUT

CUTTER &
DOWNSPOUT

3RD FLOOR ROOF

2ND FLOOR ROOF

2x6 PT. CURB W/
MTL FLASHING

PROJECT NO.:
DESIGNED BY:
DRAWN BY:
CHECKED BY:
SCALE: AS NOTED
NOTES:

HARRIS A. SANDERS
ARCHITECTS, P.C.
292 WASHINGTON AVENUE, ALBANY, NEW YORK 12210
HIAWATHA TRAILS SENIOR APARTMENTS

ROOF PLAN

DATE:
REVISED:

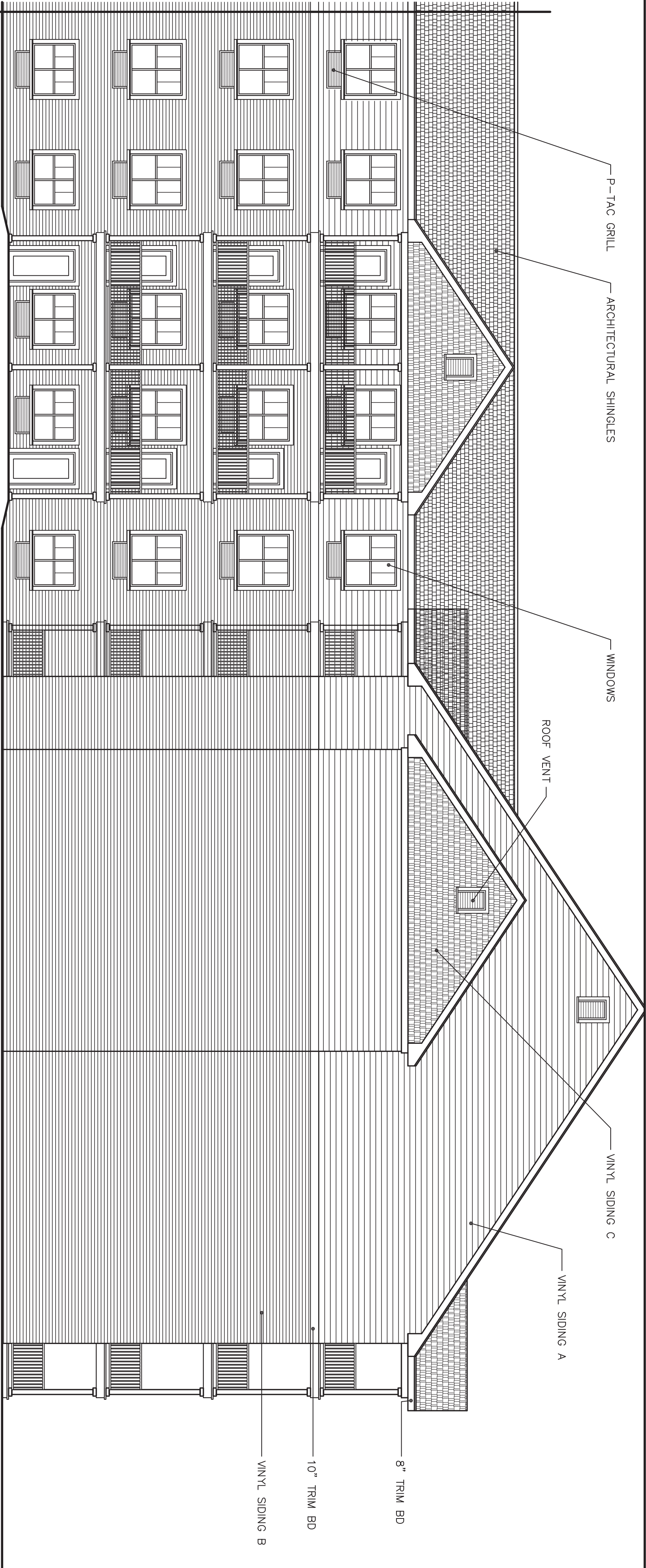
PERMIT SET
05-24-21



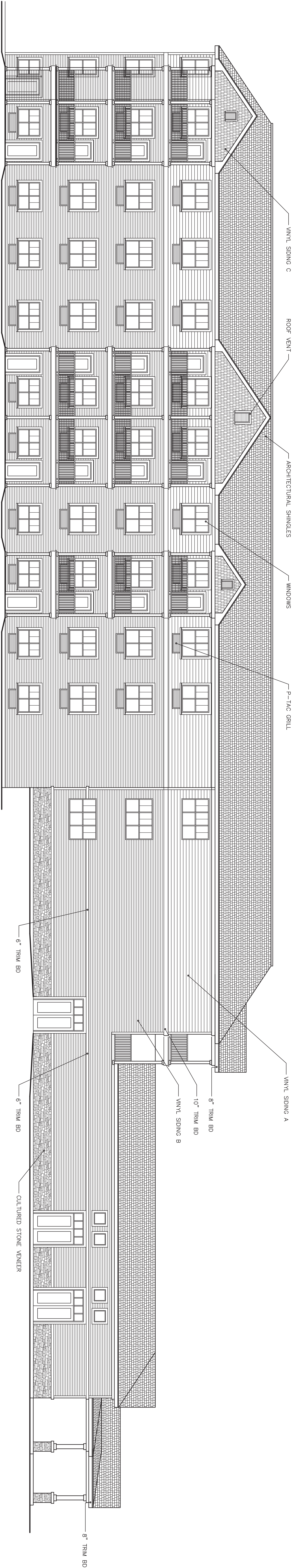
A12

WINDOW SCHEDULE									
WM	SIZE		TYPE	MAT	GLASS	MANUFACTURER	MODEL #	GLASS AREA	VENT AREA
	WIDTH	HEIGHT							
A	5'-4"	5'-4"	TWIN SINGLE HUNG	VINYL	ARGON LOW-E IG	PARADIGM	UNITEL	23.20	11.60
B	3'-0"	5'-4"	SINGLE HUNG	VINYL	ARGON LOW-E IG	PARADIGM	UNITEL	34.8	17.4
C	11'-2"	2'-9"	FOUR FIXED	VINYL	ARGON LOW-E IG	PARADIGM	UNITEL	34.8	17.4
D	8'-0"	5'-4"	THREE SINGLE HUNG	VINYL	ARGON LOW-E IG	PARADIGM	UNITEL	20.34	10.17
E	2'-3"	2'-9"	FIXED	VINYL	ARGON LOW-E IG	PARADIGM	UNITEL	23.81	0

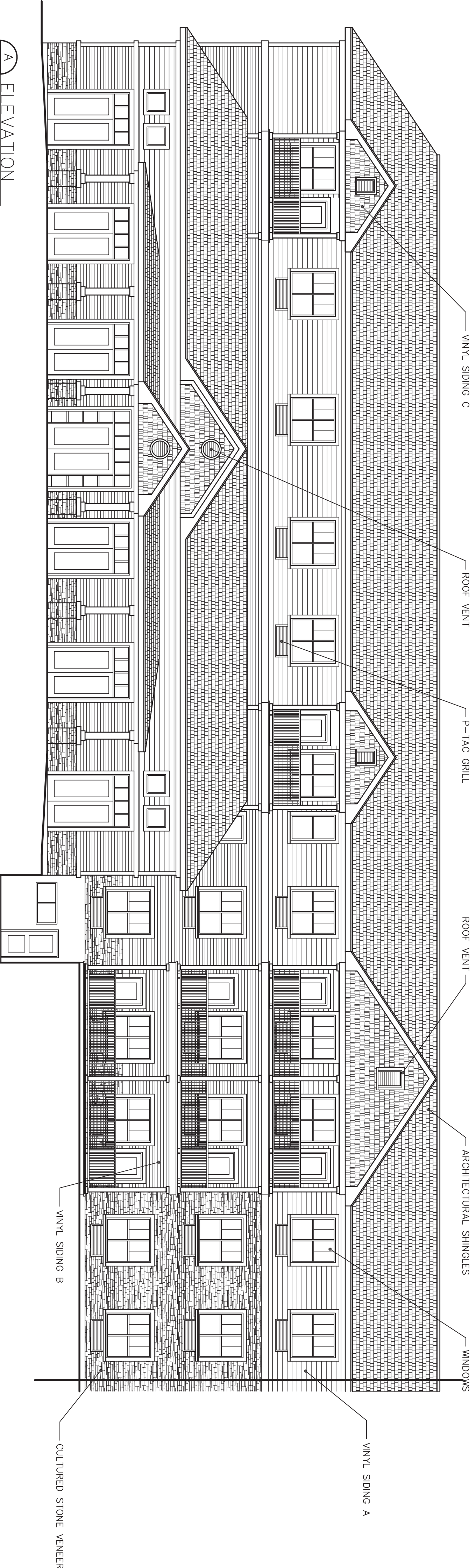
NOTE: DIMENSIONS INDICATED ARE NOMINAL. VERIFY ALL ROUGH OPENING SIZES.



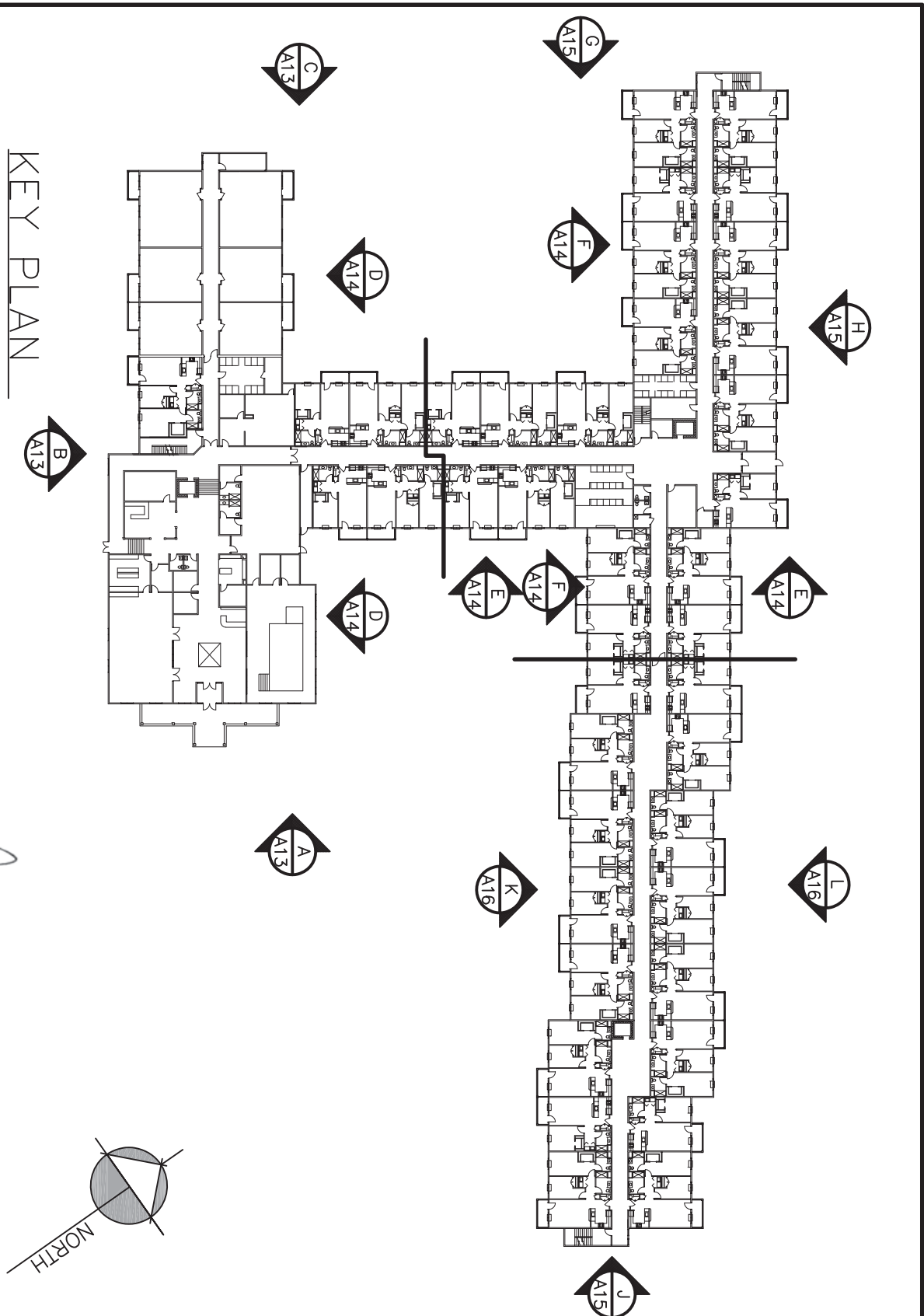
C ELEVATION
A13 SCALE: 1/8"=1'-0"



B ELEVATION
A13 SCALE: 1/8"=1'-0"



A ELEVATION
A13 SCALE: 1/8"=1'-0"



PERMIT SET
05-24-21

PROJECT NO.:
DRAWN BY:
CHECKED BY:
SCALE:
NOTES:

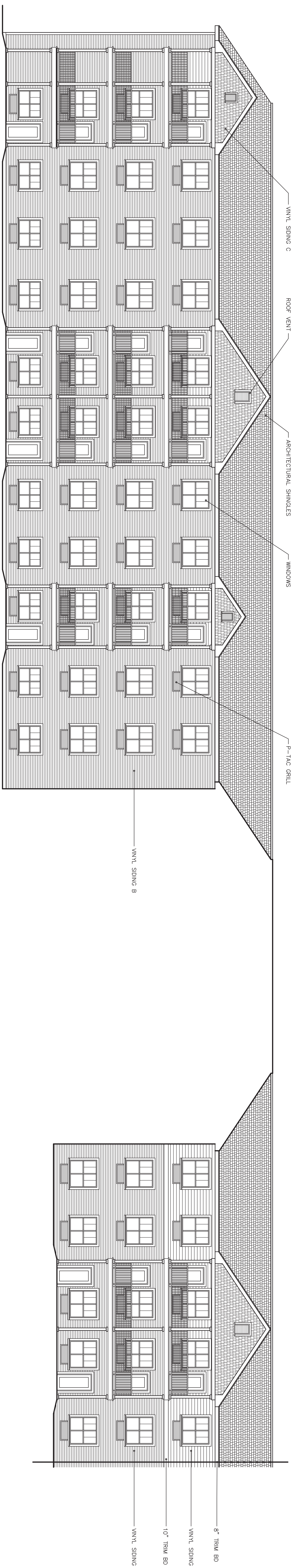
HARRIS A. SANDERS
ARCHITECTS, P.C.
282 WASHINGTON AVENUE, ALBANY, NEW YORK 12210

HIAWATHA TRAILS SENIOR APARTMENTS

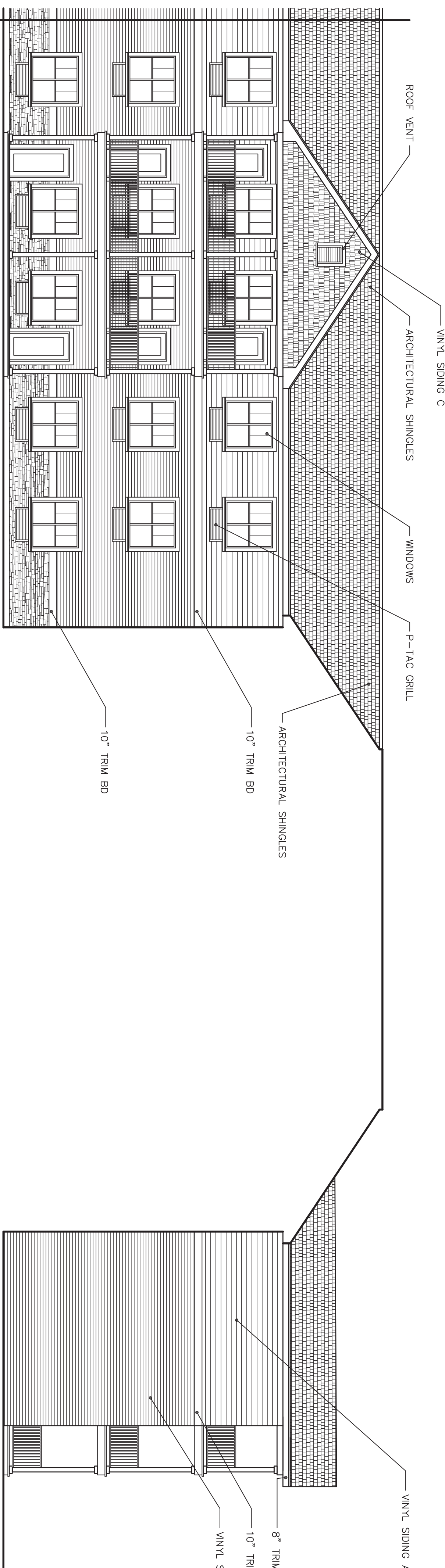
DATE: 03/18/21
REVISED:

REGISTERED ARCHITECT
DANIEL SANDERS
STATE OF NEW YORK
12210

A13



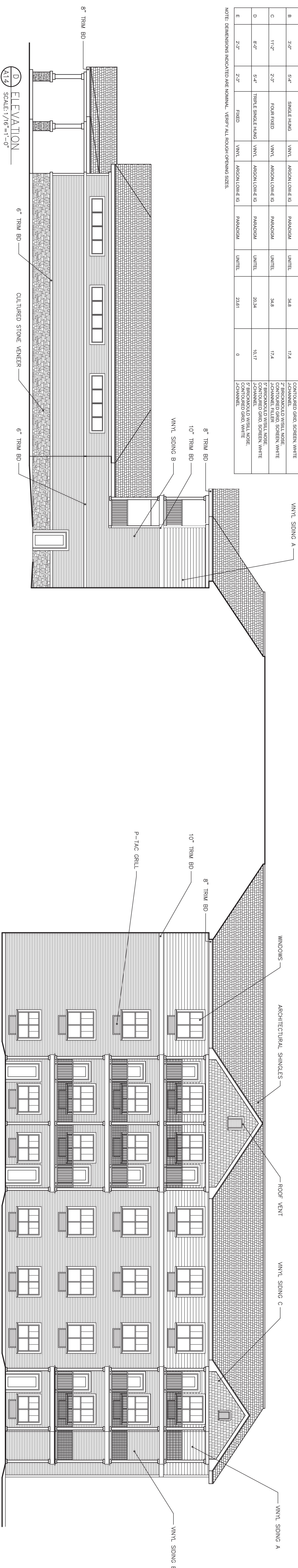
F
A14 ELEVATION
SCALE: 1/16"=1'-0"



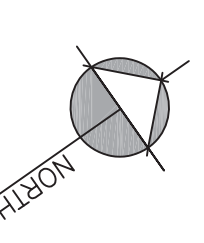
E
ELEVATION
A14 SCALE: 1/16"=1'-0"

WINDOW SCHEDULE										
MK	SIZE		TYPE	MAT	GLASS	MANUFACTURER	MOORE#	GLASS		REMARKS
	WIDTH	HEIGHT						AREA	AREA	
A	5'-4"	5'-4"	TWIN SINGLE HINGE	W/NT	ARGON LOWE B	PARADIGM	UNTEL	22.20	11.60	5 P/RODGM GRD/SCREEN WHITE JOHANNEL TO W/NT L/NGE CONTOURED GRD/SCREEN WHITE
B	3'-0"	5'-4"	SINGLE HINGE	W/NT	ARGON LOWE B	PARADIGM	UNTEL	3.48	17.4	JOHANNEL TO W/NT L/NGE CONTOURED GRD/SCREEN WHITE
C	11'-2"	2'-3"	FOUR P/ED	W/NT	ARGON LOWE B	PARADIGM	UNTEL	3.48	17.4	CONTOURED GRD/SCREEN WHITE JOHANNEL FILTER
D	6'-0"	5'-4"	T/NTS SINGLE HINGE	W/NT	ARGON LOWE B	PARADIGM	UNTEL	20.34	10.17	CONTOURED GRD/SCREEN WHITE JOHANNEL
E	2'-3"	2'-3"	FIXED	W/NT	ARGON LOWE B	PARADIGM	UNTEL	23.61	0	5 P/RODGM GRD/SCREEN JOHANNEL TO W/NT L/NGE JOHANNEL

NOTE: DIMENSIONS INDICATED ARE NOMINAL. VERIFY ALL ROUGH OPENING SIZES.



KEY PLAN



PLOTTED	04/14/21	12:16:36 AM
FILE NAME	Buddy 1st Year 04/14/21 - New FA Building	
LAYERS		
PROJECT NO:		
DESIGNED BY:		

HARRIS A. SANDERS
ARCHITECTS P.C.

252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210

HIAWATHA TRAILS SENIOR APARTMENTS

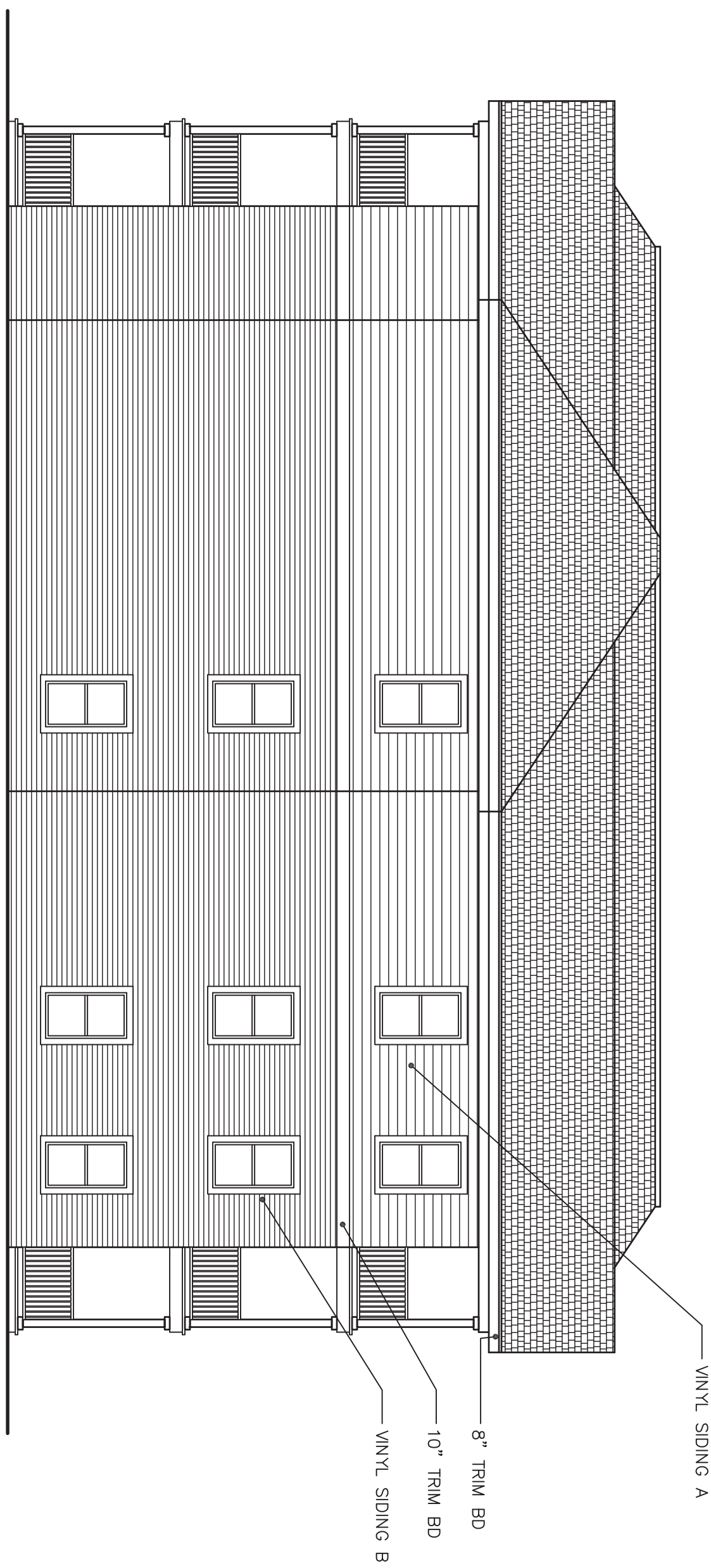
ELEVATIONS

DATE: 03/18/2
REVISED:

REWISE



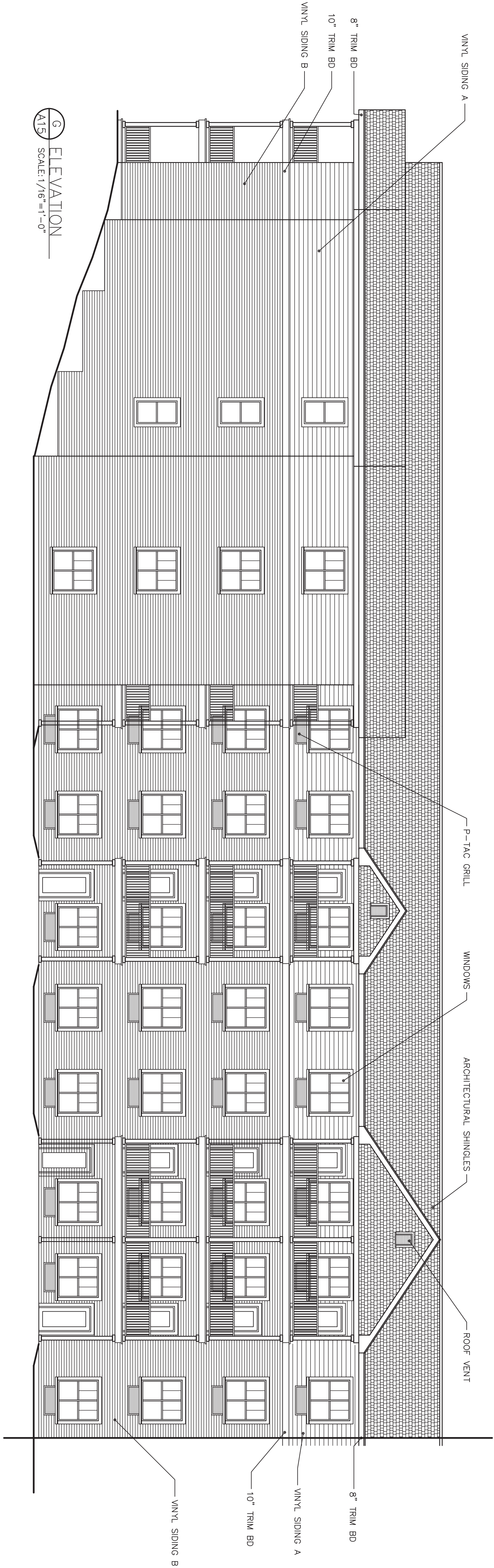
PERMIT SET
05-24-21



J ELEVATION
A15
SCALE: 1/8"=1'-0"



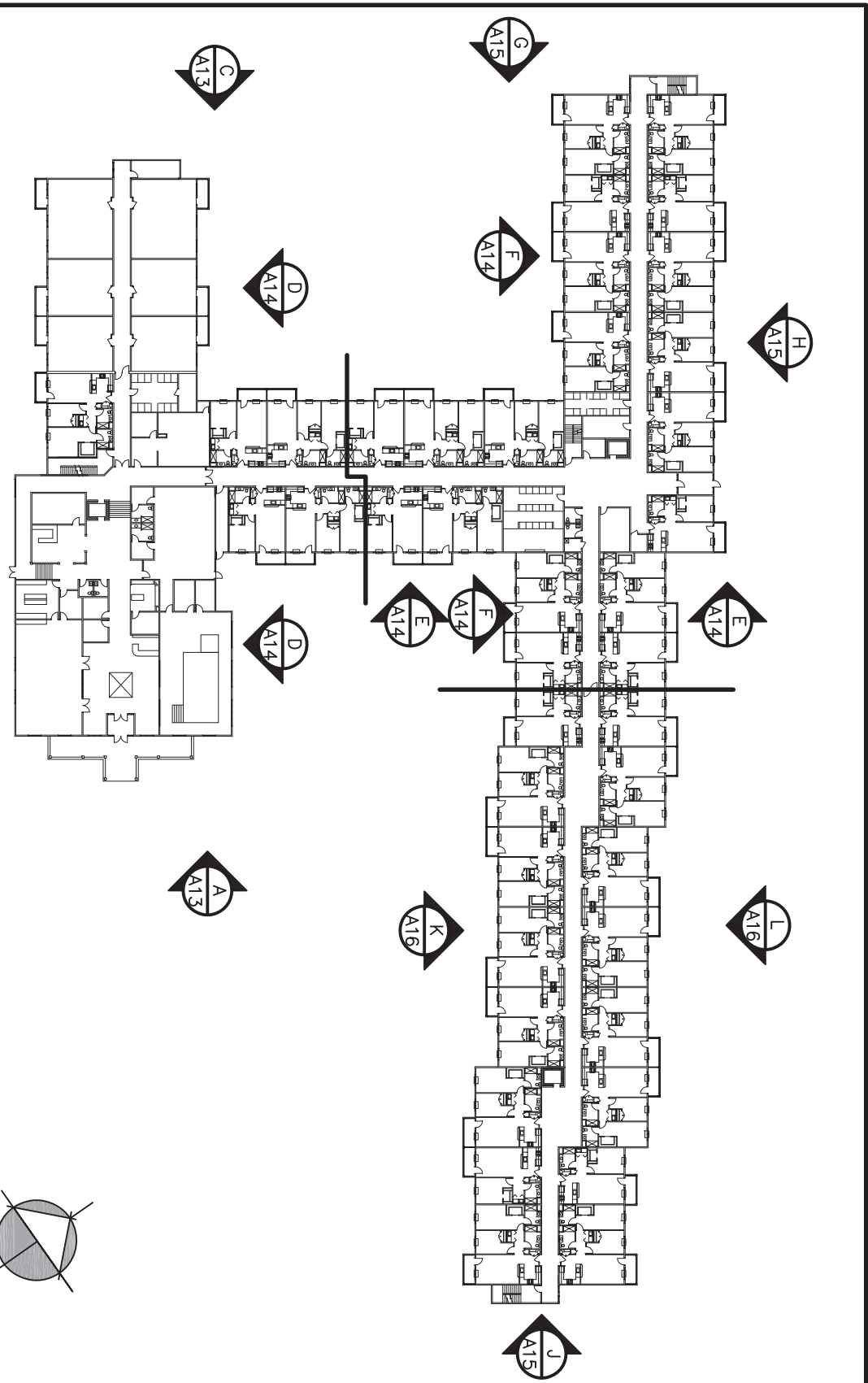
H ELEVATION
A15
SCALE: 1/8"=1'-0"



G ELEVATION
A15
SCALE: 1/8"=1'-0"

WINDOW SCHEDULE									
WM	SIZE		TYPE	MAT	GLASS	MANUFACTURER	MODEL #	GLASS AREA	VINYL AREA
	WIDTH	HEIGHT							
A	5'-4"	5'-4"	TWIN SINGLE HUNG	VINYL	ARGON LOW-E IG	PARADIGM	UNITEL	23.20	11.60
B	3'-0"	5'-4"	SINGLE HUNG	VINYL	ARGON LOW-E IG	PARADIGM	UNITEL	34.8	17.4
C	11'-2"	2'-9"	FOUR FIXED	VINYL	ARGON LOW-E IG	PARADIGM	UNITEL	34.8	17.4
D	8'-0"	5'-4"	TRIPLE SINGLE HUNG	VINYL	ARGON LOW-E IG	PARADIGM	UNITEL	20.34	10.17
E	2'-3"	2'-9"	FIXED	VINYL	ARGON LOW-E IG	PARADIGM	UNITEL	23.81	0

NOTE: DIMENSIONS INDICATED ARE NOMINAL. VERIFY ALL ROUGH OPENING SIZES.

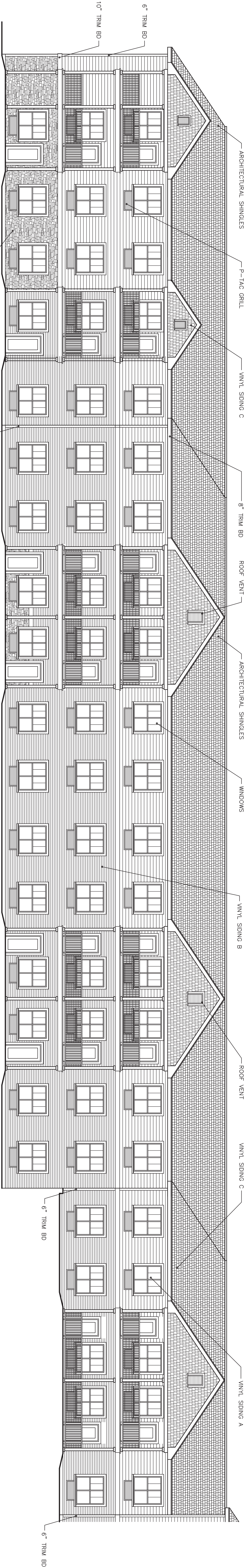


PERMIT SET
05-24-21

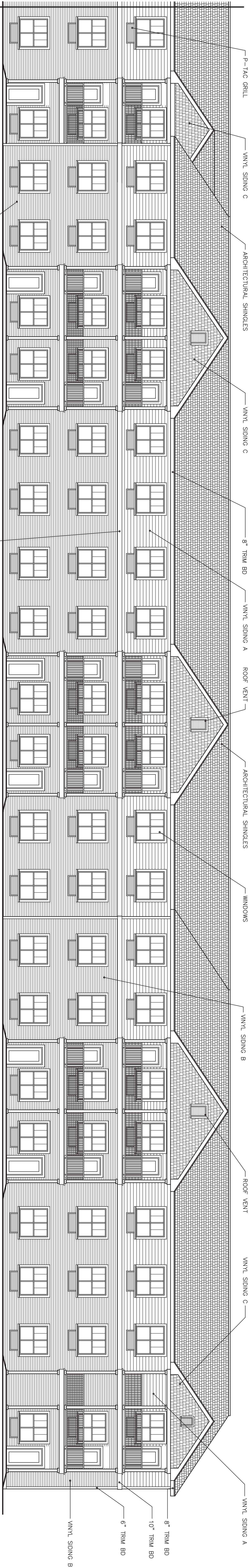
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FILE NAME: 20210524-21	DATE: 03/18/21	DATE: 03/18/21	DATE: 03/18/21	DATE: 03/18/21	DATE: 03/18/21	DATE: 03/18/21
HARRIS A. SANDERS ARCHITECTS, P.C. 292 WASHINGTON AVENUE, ALBANY, NEW YORK 12210						
HIAWATHA TRAILS SENIOR APARTMENTS						

ELEVATIONS

DATE: 03/18/21	REVISED:	DATE: 03/18/21	REVISED:
REGISTERED ARCHITECT HARRIS A. SANDERS STATE OF NEW YORK 024000			
A15			



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



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

WINDOW SCHEDULE						
MK	SIZE	TYPE	MAT	GLASS	MANUFACTURER	MODEL#
	WIDTH	HEIGHT				
A	5'-4"	5'-4"	TWIN SINGLE HUNG	VINYL	ARGON LOW-E IG	PARAGON
B	3'-0"	5'-4"	SINGLE HUNG	VINYL	ARGON LOW-E IG	PARAGON
C	11'-2"	2'-3"	FOUR FIXED	VINYL	ARGON LOW-E IG	PARAGON
D	8'-0"	5'-4"	TURBO SINGLE HUNG	VINYL	ARGON LOW-E IG	PARAGON
E	2'-0"	2'-3"	FIXED	VINYL	ARGON LOW-E IG	PARAGON

GLASS	VENT	REMARKS
AREA	AREA	
23.20	11.80	2" PRISMATIC LOW-E VITRAL LENSE, 1" CHANNEL, GRAB SCREEN, WHITE.
34.8	17.4	2" PRISMATIC LOW-E VITRAL LENSE, 1" CHANNEL, GRAB SCREEN, WHITE.
34.8	17.4	2" PRISMATIC LOW-E VITRAL LENSE, 1" CHANNEL, GRAB SCREEN, WHITE.
20.34	10.17	2" PRISMATIC LOW-E VITRAL LENSE, 1" CHANNEL, GRAB SCREEN, WHITE.
22.61	0	2" PRISMATIC LOW-E VITRAL LENSE, 1" CHANNEL, GRAB SCREEN, WHITE.

NOTE: DIMENSIONS INDICATED ARE NOMINAL. VERIFY ALL ROUGH OPENING SIZES.

PROJECT NO.:
DRAWN BY:
CHECKED BY:
SCALE:
NOTES:

HARRIS A. SANDERS
ARCHITECTS, P.C.
292 WASHINGTON AVENUE, ALBANY, NEW YORK 12210

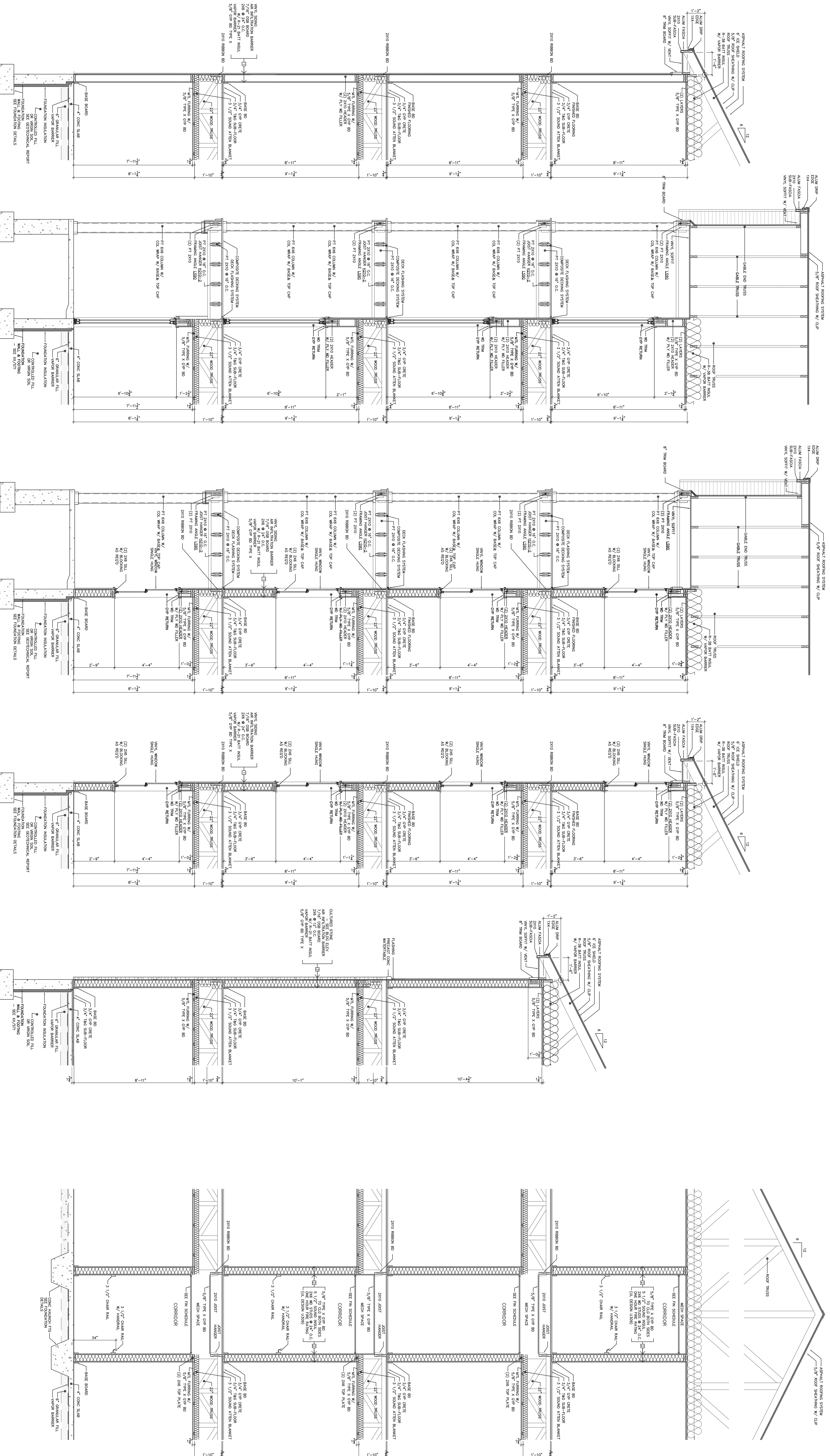
HIAWATHA TRAILS SENIOR APARTMENTS

DATE: 03/18/21
REVISED:

REGISTERED ARCHITECT
STATE OF NEW YORK
A16

05-24-21

PERMIT SET
05-24-21



A SECTION A
SCALE: 3/8"=1'-0"

B SECTION B – BALCONY
SCALE: 3/8"=1'-0"

C SECTION B
SCALE: 3/8"=1'-0"

D SECTION C
SCALE: 3/8"=1'-0"

E SECTION D
SCALE: 1/2"=1'-0"

F SECTION A – BALCONY
SCALE: 3/8"=1'-0"

PROJECT NO: 2024-001

DESIGNED BY: HARRIS A. SANDERS ARCHITECTS, P.C.

CHECKED BY: 282 WASHINGTON AVENUE, ALBANY, NEW YORK 12210

NOTES: AS NOTED

DATE: 03/18/21

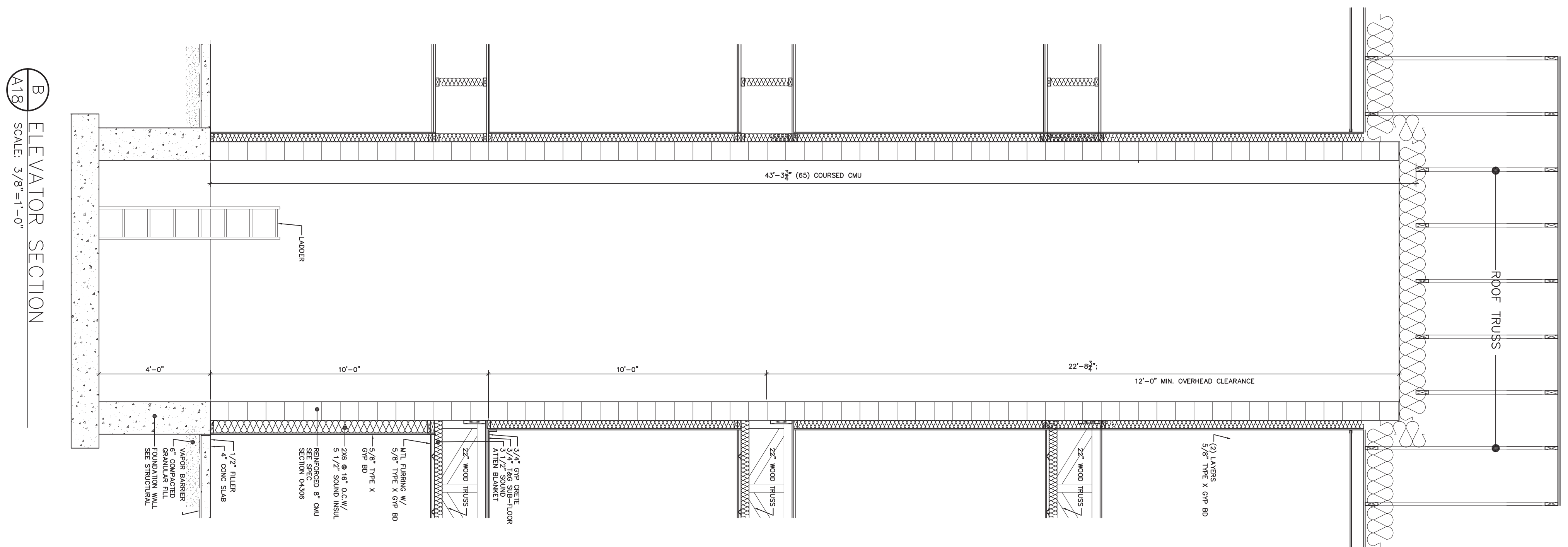
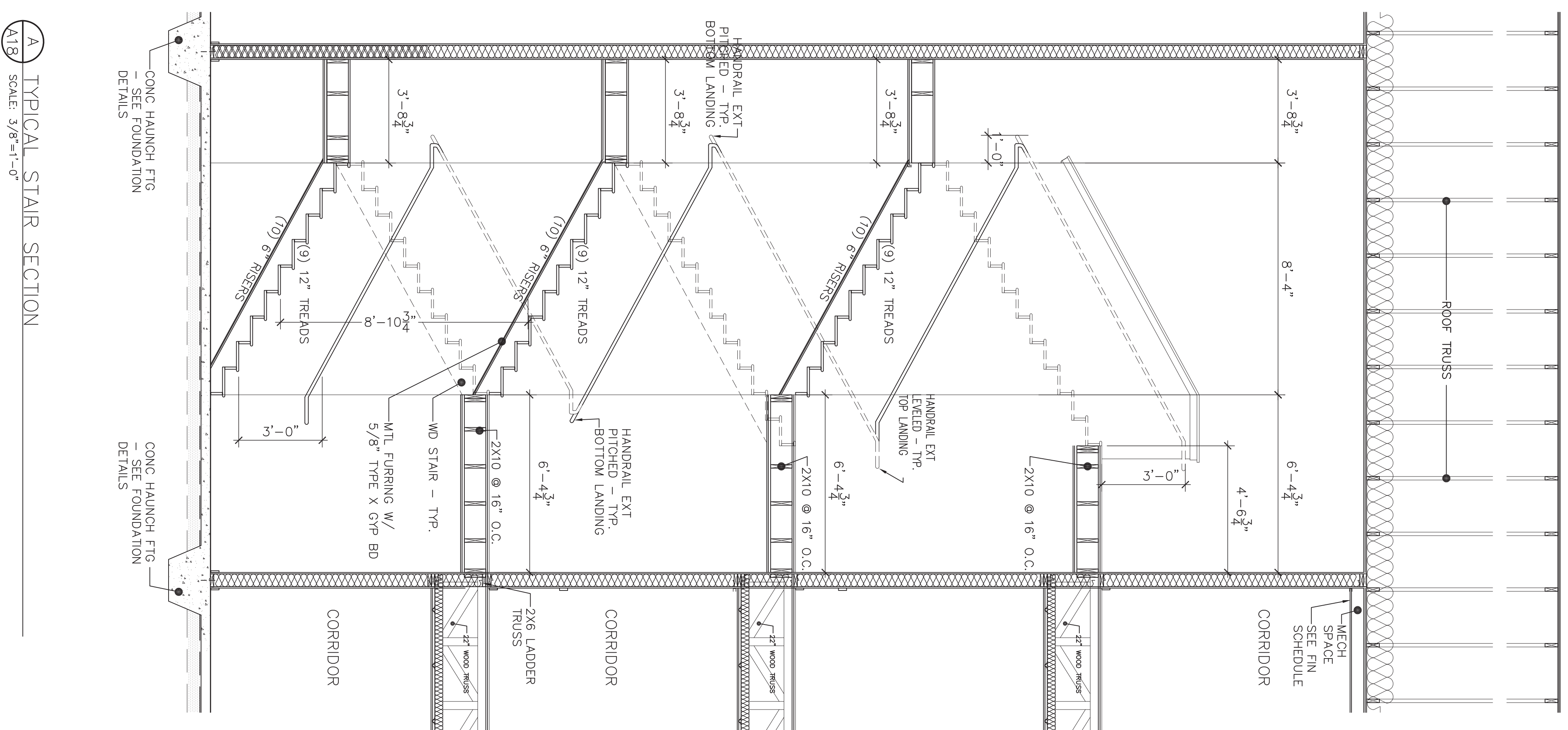
REVIEWED: 05-24-21

SECTION

PERMIT SET

REGISTERED ARCHITECT
STATE OF NEW YORK
02400

A17



PLOTTED: 04/27/21 11:55 AM FILE NAME: 2501 - 10000 DRAWN BY: <u> </u> DATE: <u> </u> FOLDER: <u> </u>	PROJECT NO.: DESIGNED BY: DRAWN BY: CHECKED BY: SCALE: AS NOTED NOTES:
HARRIS A SANDERS ARCHITECTS, P.C. 2501 WASHINGTON AVENUE, ALBANY, NEW YORK 12210 HIAWATHA TRAILS SENIOR APARTMENTS	

STAIR AND ELEVATOR SECTIONS

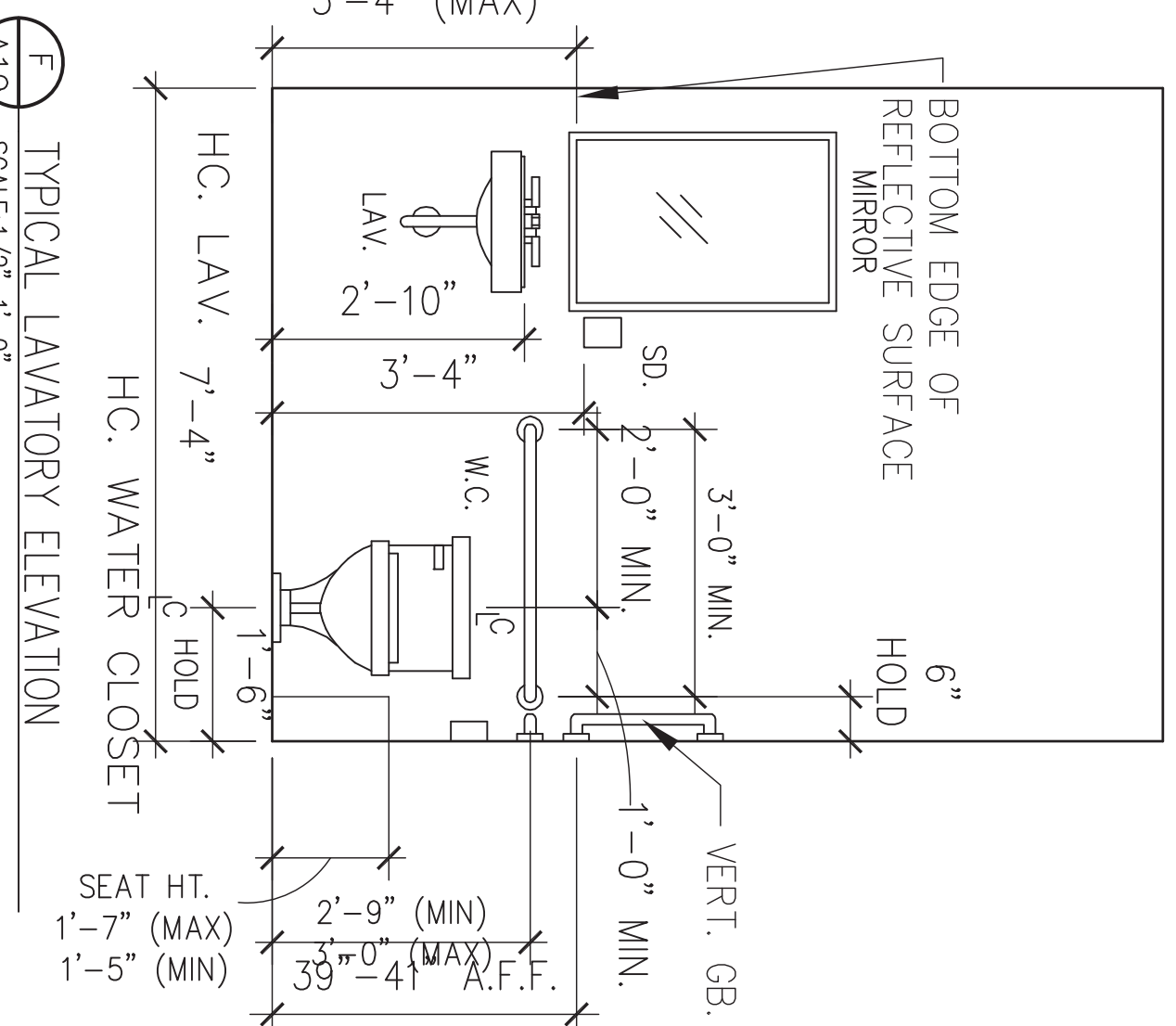
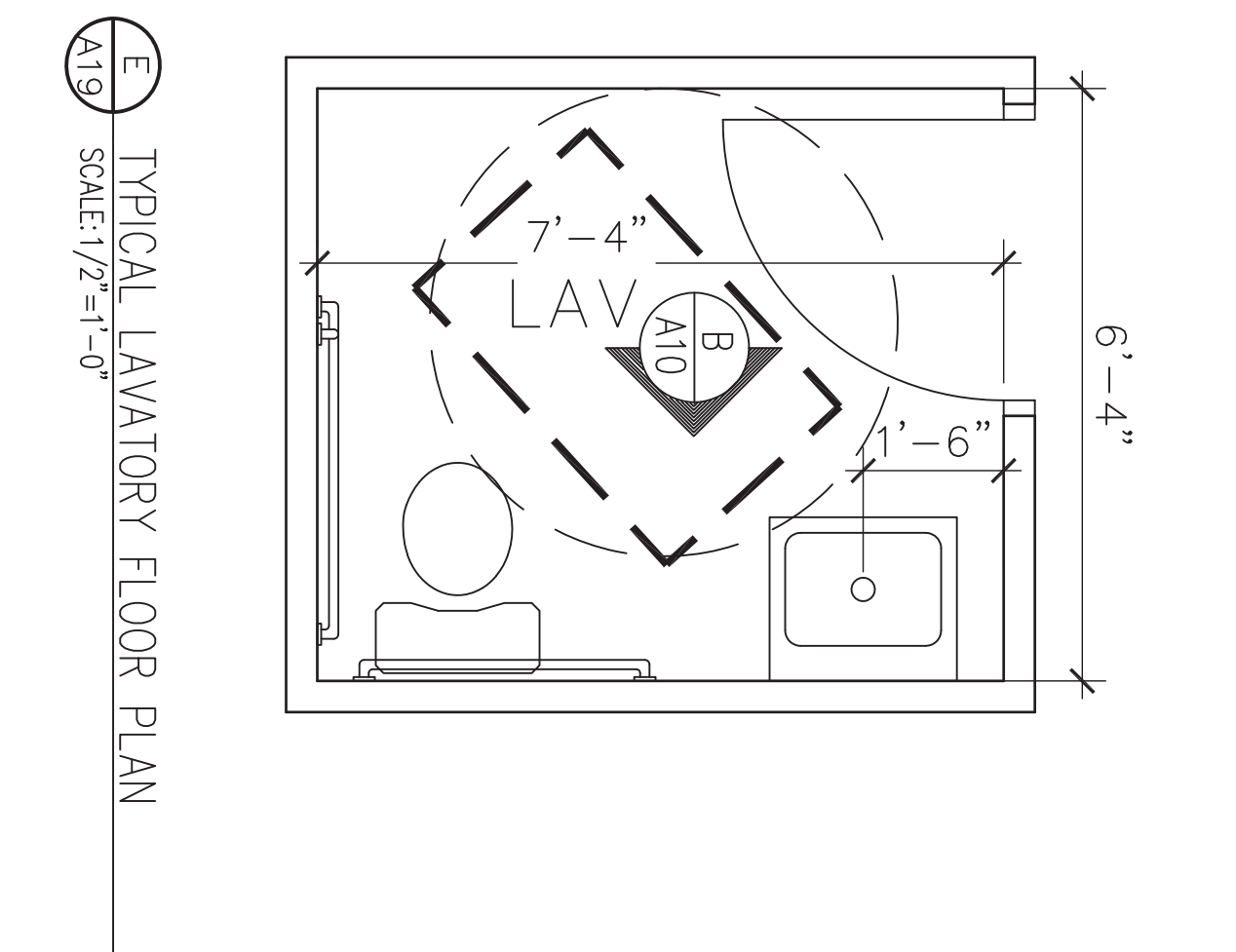
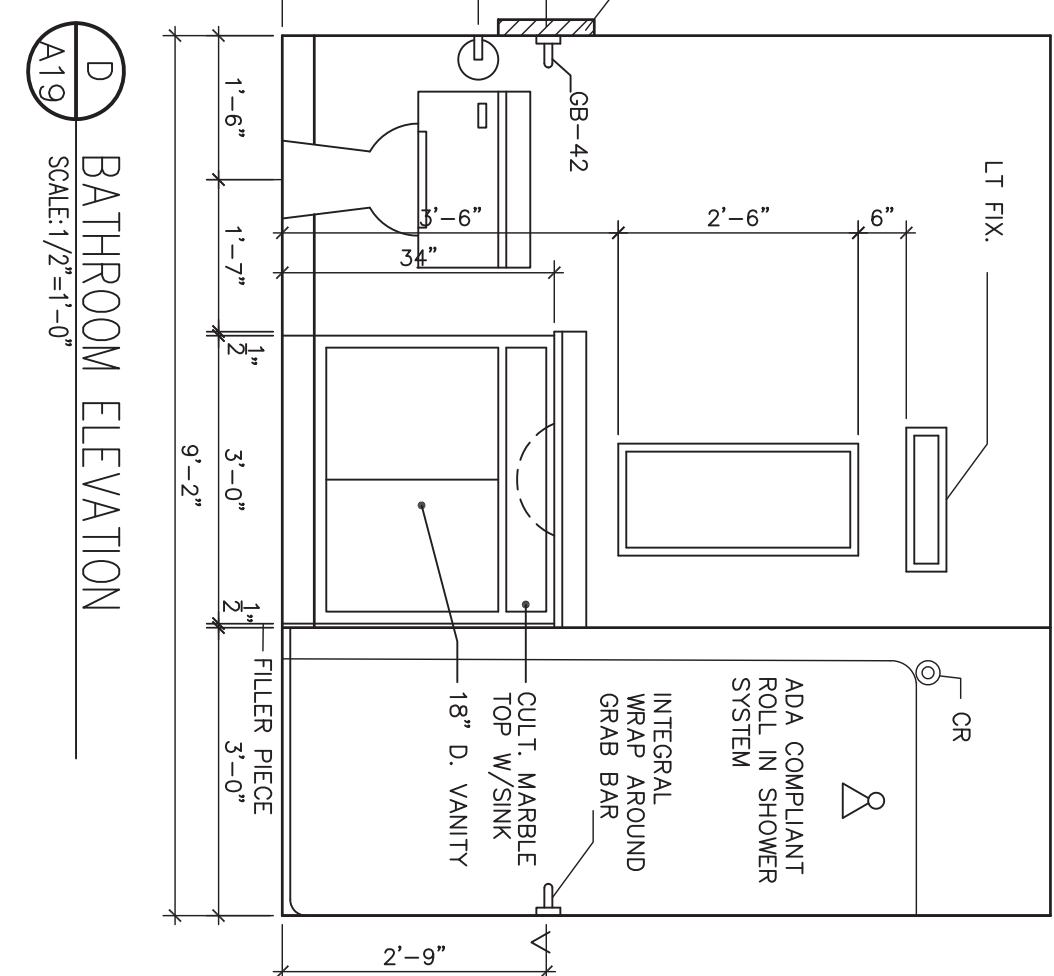
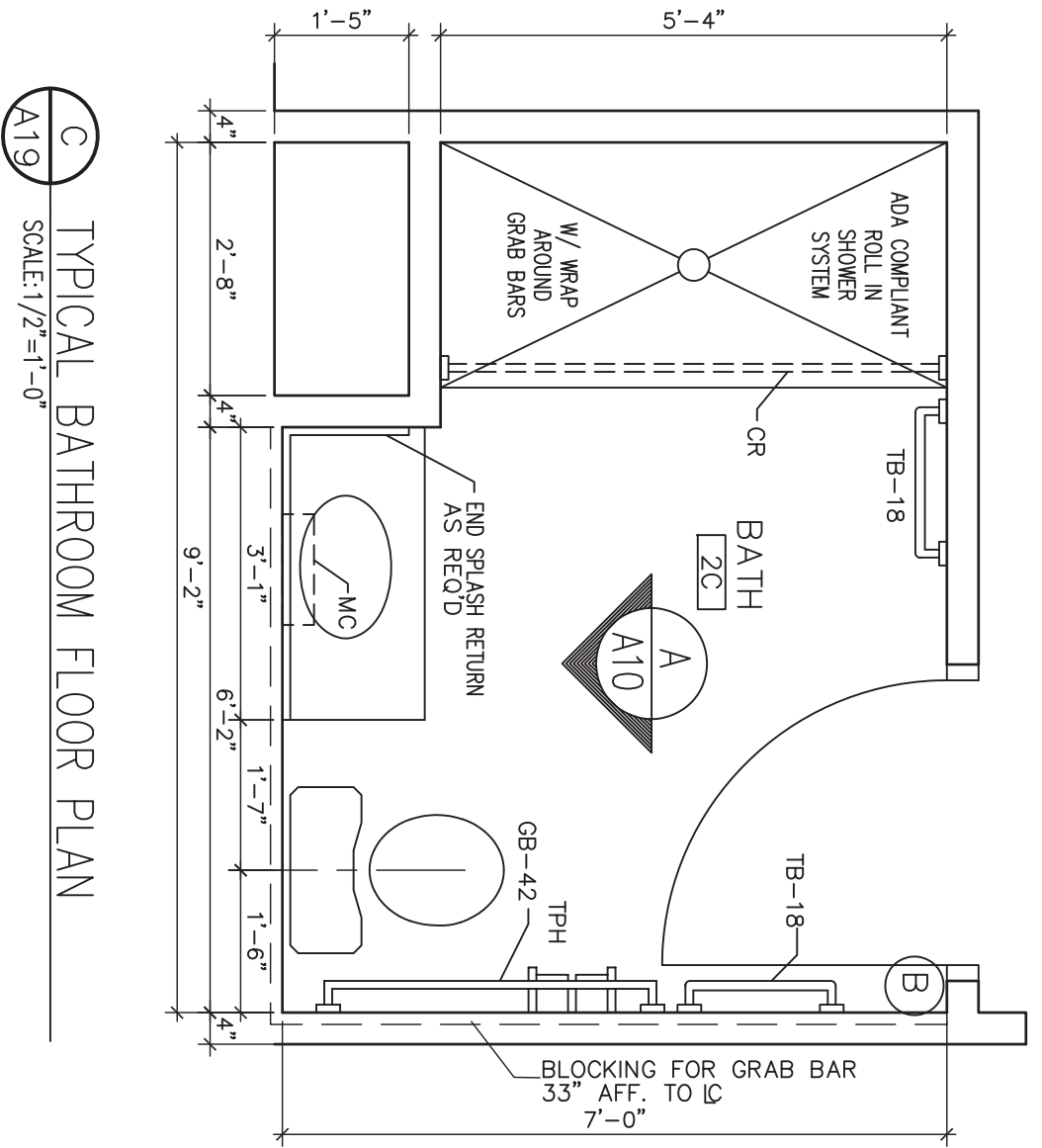
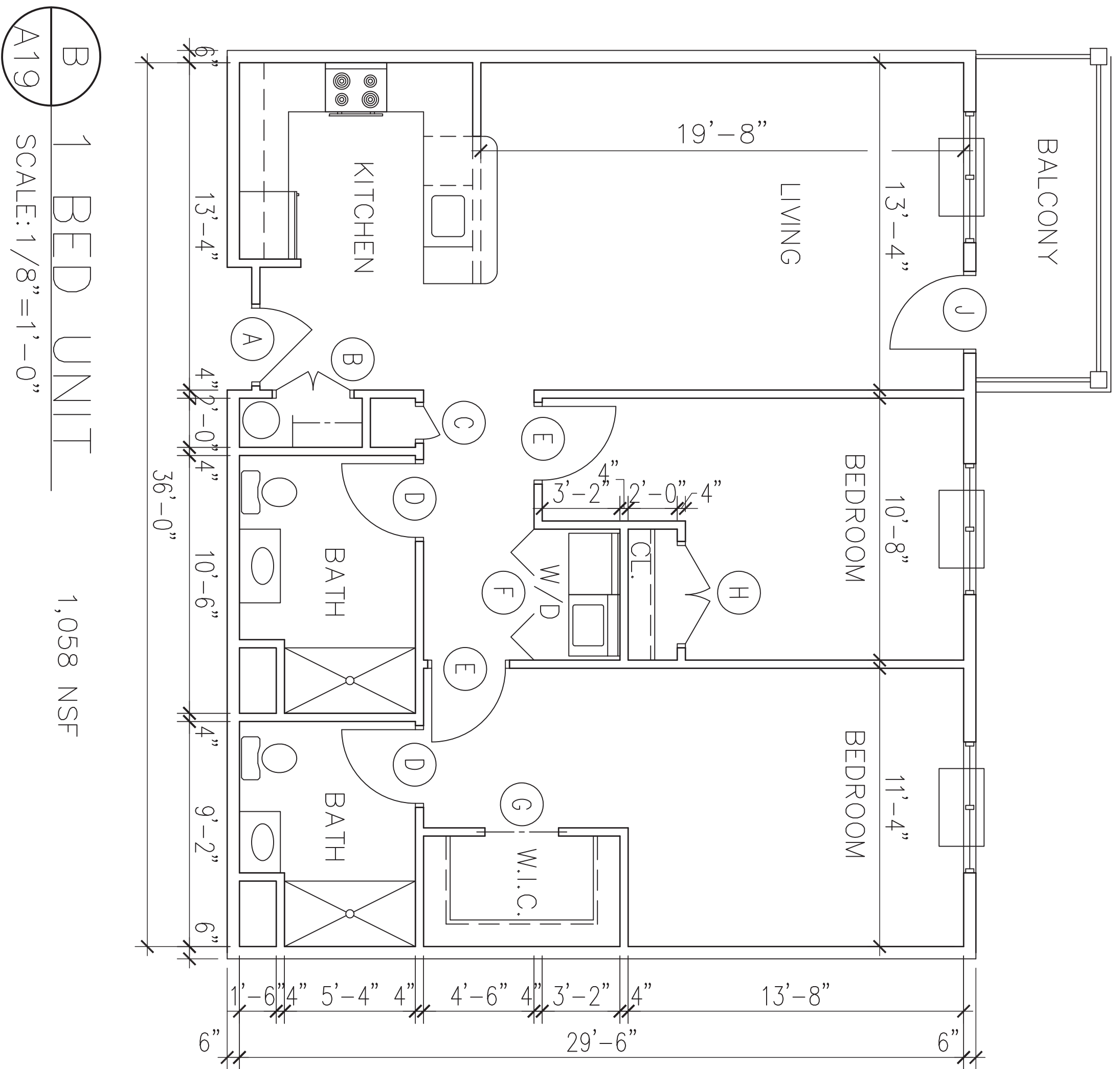
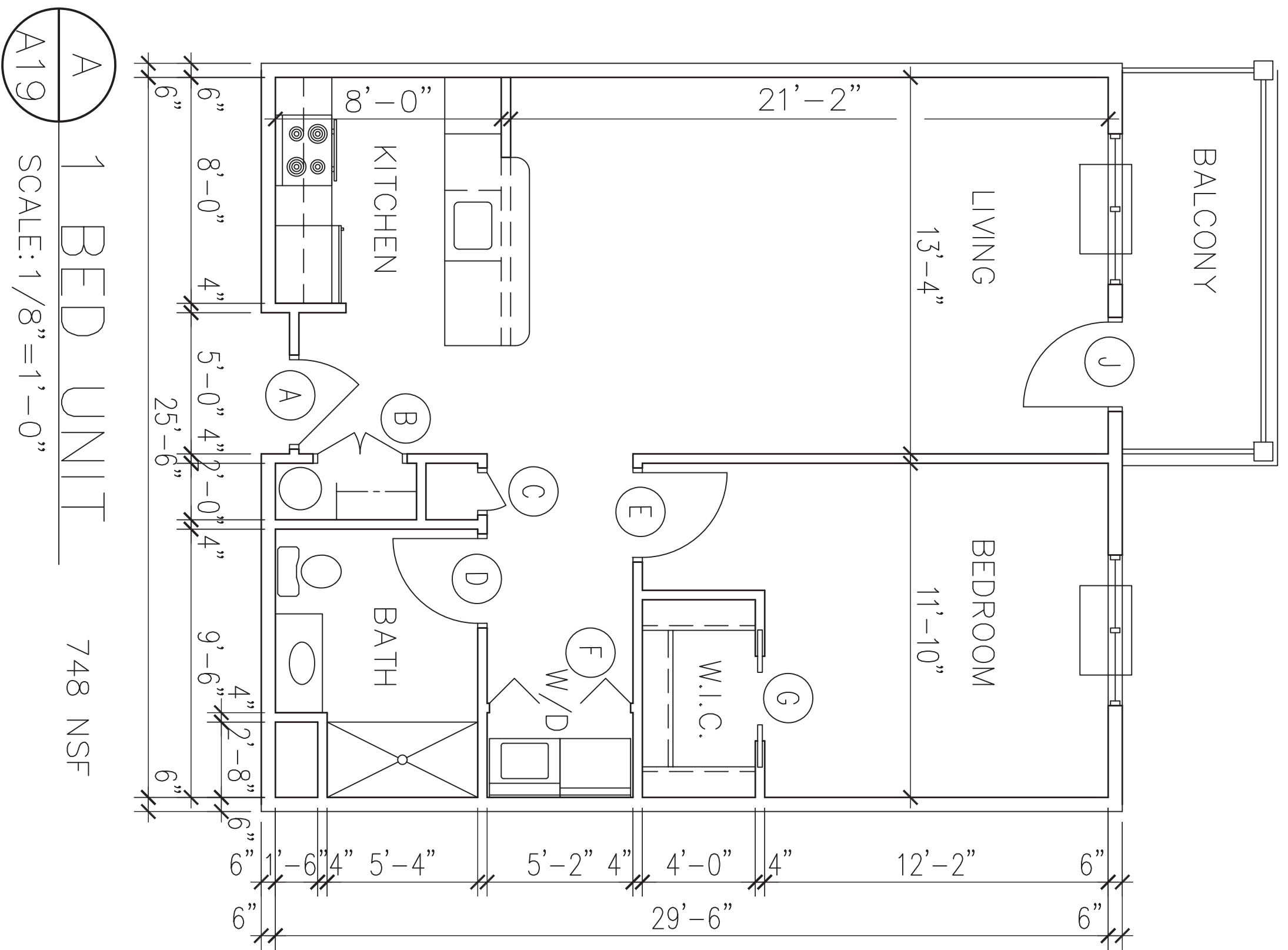
DATE: 07/18/21
REMOVED:

REGISTERED ARCHITECT
DANIEL J. KANGERS
STATE OF NEW YORK
024004

8

A18

SECRET NO.



PROJECT NO:	PROJECT NO:
DESIGNED BY:	DESIGNED BY:
CHECKED BY:	CHECKED BY:
SCALE:	SCALE:
NOTES:	NOTES:

HARRIS A. SANDERS ARCHITECTS, P.C. 282 WASHINGTON AVENUE, ALBANY, NEW YORK 12210	HARRIS A. SANDERS ARCHITECTS, P.C. 282 WASHINGTON AVENUE, ALBANY, NEW YORK 12210
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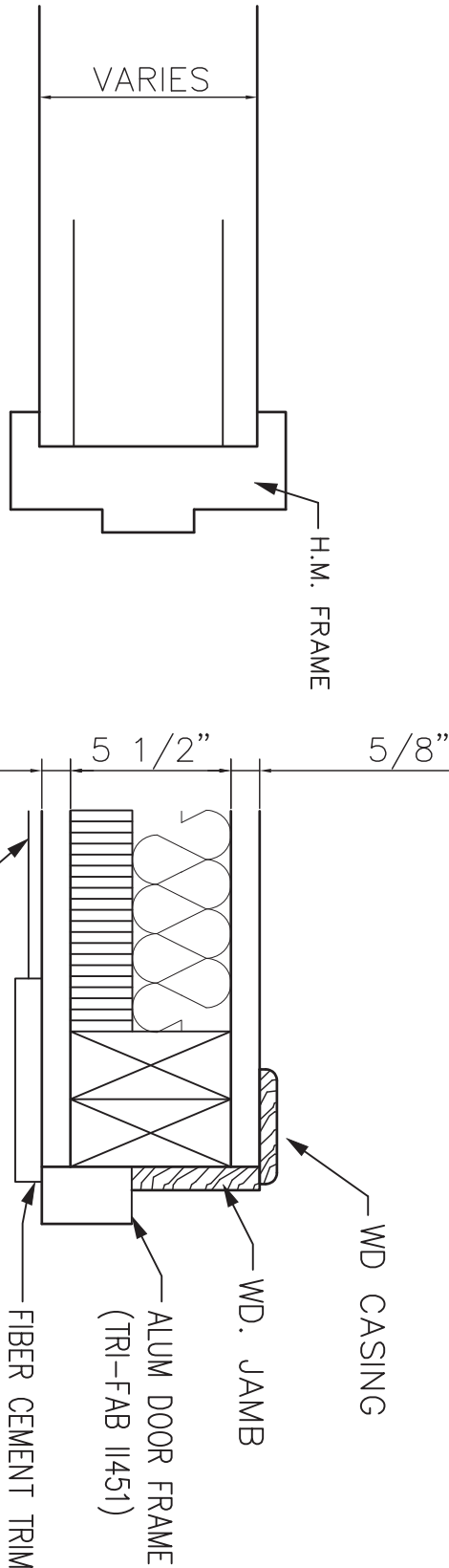
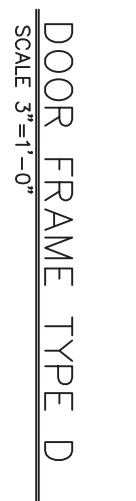
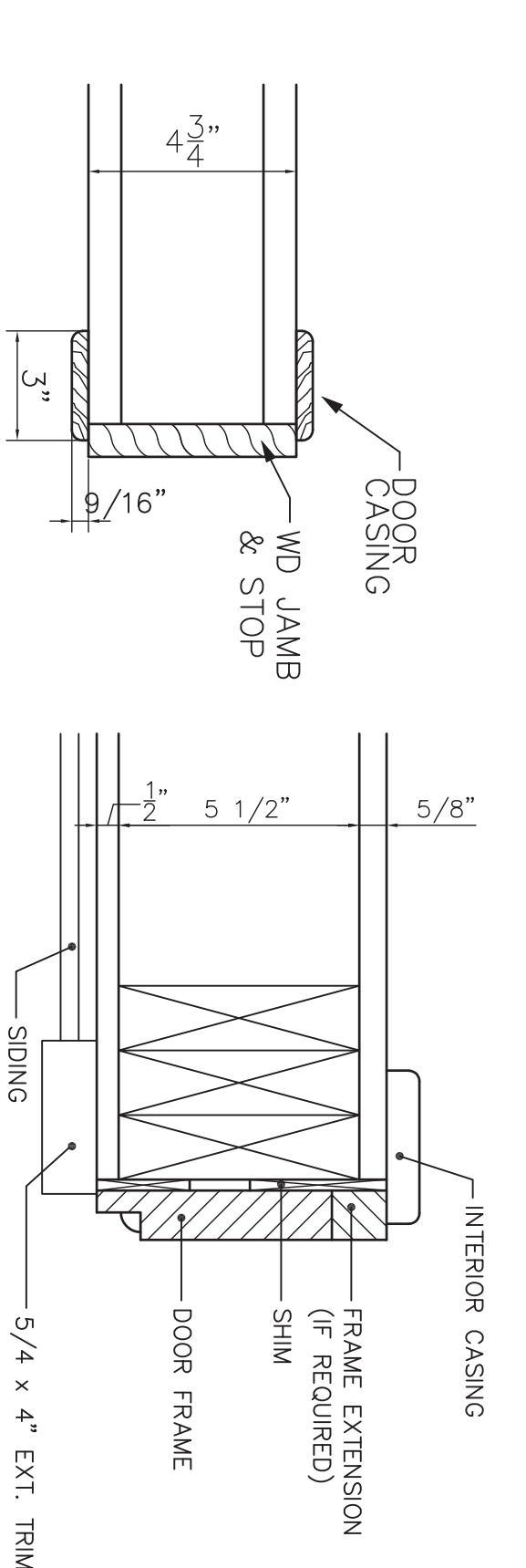
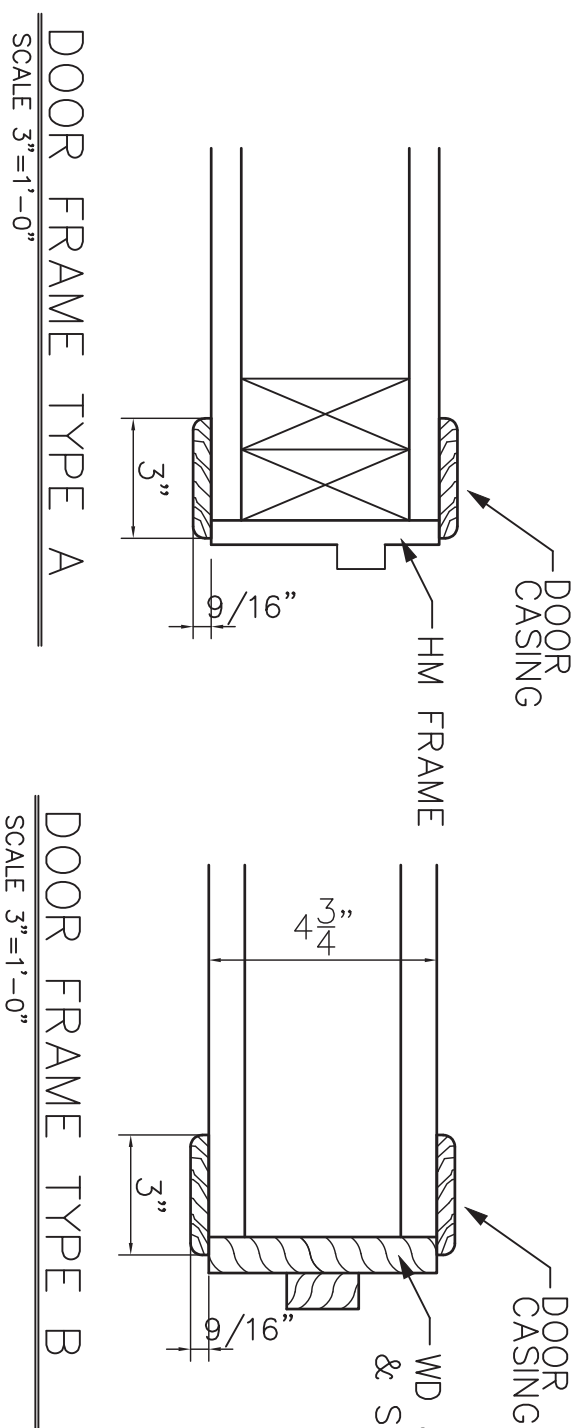
DATE:	DATE:
REVISED:	REVISED:
PERMIT SET 05-24-21	PERMIT SET 05-24-21



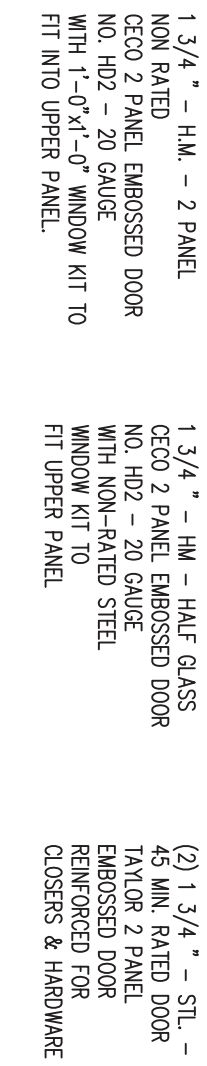
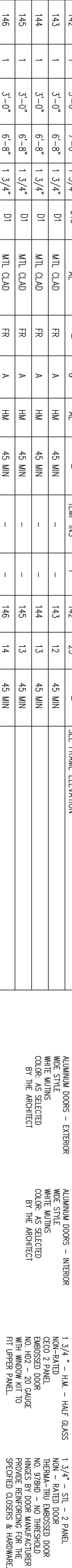
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						MAT	CORE	TYPE	MAT	LABEL	TYPE	THK	MK		SET	LABEL
A	1	3'-0"	6'-6"	1 3/4"	01	MTL. CLAD	FR	A	HM	45 MIN	-	-	B01	9	-	-
B	2	1'-6"	6'-6"	1 3/4"	D2	WD.	HC	B	WD	30 MIN	-	-	B02	10	90 MIN	90 MIN
C	1	1'-6"	6'-6"	1 3/4"	D3	WD.	HC	B	WD	30 MIN	-	-	B03	10	90 MIN	90 MIN
D	1	3'-0"	6'-6"	1 3/4"	D4	WD.	SC	B	WD	30 MIN	-	-	B04	11	90 MIN	90 MIN
E	1	3'-0"	6'-6"	1 3/4"	D4	WD.	SC	B	WD	30 MIN	-	-	-	5	-	-
F	4	1'-6"	6'-6"	1 3/8"	D6	WD.	HC	C	WD	30 MIN	-	-	F	6	-	-
G	2	2'-0"	6'-6"	1 3/8"	D6	WD.	HC	C	WD	30 MIN	-	-	G	7	-	-
H	1	3'-0"	6'-6"	1 3/4"	D7	FIBER GLASS	INS	D	WD	30 MIN	-	-	H	8	-	-
J	1	3'-0"	6'-6"	1 3/4"	D7	FIBER GLASS	INS	D	WD	30 MIN	-	-	J	8	-	-
B01	1	3'-0"	6'-6"	1 3/4"	B8	MTL. CLAD	INS	D	WD	30 MIN	-	-	B01	9	-	-
B02	1	3'-0"	6'-6"	1 3/4"	B9	MTL. CLAD	FR	A	HM	45 MIN	-	-	B02	10	90 MIN	90 MIN
B03	1	3'-0"	6'-6"	1 3/4"	B9	MTL. CLAD	FR	A	HM	45 MIN	-	-	B03	10	90 MIN	90 MIN
B04	2	3'-0"	6'-6"	1 3/4"	D10	HM	FR	E	HM	45 MIN	-	-	B04	11	90 MIN	90 MIN
B05	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	-	12	45 MIN	45 MIN
B06	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	B06	12	45 MIN	45 MIN
B07	1	3'-0"	6'-6"	1 3/4"	D11	HM	FR	F	HM	45 MIN	-	-	B07	10	45 MIN	45 MIN
B08	1	3'-0"	6'-6"	1 3/4"	D11	MTL. CLAD	FR	A	HM	45 MIN	-	-	B08	13	45 MIN	45 MIN
B09	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	B09	13	45 MIN	45 MIN
B10	1	3'-0"	6'-6"	1 3/4"	D12	MTL. CLAD	SC	A	HM	45 MIN	-	-	B10	12	-	-
B11	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	B11	13	45 MIN	45 MIN
B12	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	B12	12	45 MIN	45 MIN
B13	1	3'-0"	6'-6"	1 3/4"	D12	FIBER GLASS	INS	D	WD	30 MIN	-	-	B13	14	45 MIN	45 MIN
B14	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	B14	13	45 MIN	45 MIN
B15	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	B15	13	45 MIN	45 MIN
B16	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	B16	13	45 MIN	45 MIN
B17	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	B17	13	45 MIN	45 MIN
B18	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	B18	13	45 MIN	45 MIN
B19	1	3'-0"	6'-6"	1 3/4"	D8	MTL. CLAD	INS	D	WD	30 MIN	-	-	B19	9	-	-
B20	1	3'-0"	6'-6"	1 3/4"	D9	MTL. CLAD	FR	A	HM	45 MIN	-	-	B20	10	90 MIN	90 MIN
B21	1	3'-0"	6'-6"	1 3/4"	D9	MTL. CLAD	FR	A	HM	45 MIN	-	-	B21	10	90 MIN	90 MIN
B22	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	B22	12	45 MIN	45 MIN
B23	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	B23	12	45 MIN	45 MIN
B24	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	B24	13	45 MIN	45 MIN
B25	1	3'-0"	6'-6"	1 3/4"	D9	MTL. CLAD	FR	A	HM	45 MIN	-	-	B25	10	90 MIN	90 MIN
B26	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	B26	12	45 MIN	45 MIN
B27	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	B27	12	45 MIN	45 MIN
B28	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	B28	13	45 MIN	45 MIN
B29	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	B29	13	45 MIN	45 MIN
B30	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	B30	13	45 MIN	45 MIN
B31	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	B31	14	45 MIN	45 MIN
B32	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	B32	14	45 MIN	45 MIN
B33	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	B33	12	45 MIN	45 MIN
B34	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	B34	13	45 MIN	45 MIN
B35	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	B35	13	45 MIN	45 MIN
B36	2	3'-0"	6'-6"	1 3/4"	D10	HM	FR	E	HM	45 MIN	-	-	B36	11	90 MIN	90 MIN
B37	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	B37	13	45 MIN	45 MIN
B38	1	3'-0"	6'-6"	1 3/4"	D11	HM	FR	E	HM	45 MIN	-	-	B38	10	45 MIN	45 MIN
B39	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	B39	10	45 MIN	45 MIN
B40	1	3'-0"	7'-0"	1 3/4"	D13	AL	INS	G	AL	-	-	-	B40	15	-	-
101	2	3'-0"	7'-10"	1 3/4"	D15	AL	INS	G	AL	-	-	-	16	-	-	-
102	2	3'-0"	7'-0"	1 3/4"	D15A	AL	INS	G	AL	-	-	-	17	-	-	-
103	2	3'-0"	6'-6"	1 3/4"	D16	HM	SC	E	HM	-	-	-	18	-	-	-
104	2	3'-0"	6'-6"	1 3/4"	D16	HM	SC	E	HM	-	-	-	18	-	-	-
105	1	3'-0"	6'-6"	1 3/4"	D17	MTL. CLAD	SC	A	HM	-	-	-	19	-	-	-
106	1	3'-0"	6'-6"	1 3/4"	D17	MTL. CLAD	SC	A	HM	-	-	-	19	-	-	-
107	1	3'-0"	6'-6"	1 3/4"	D18	HM	SC	E	HM	-	-	-	20	-	-	-
108	1	3'-0"	6'-6"	1 3/4"	D18	HM	SC	E	HM	-	-	-	20	-	-	-
109	1	3'-0"	6'-6"	1 3/4"	D17	MTL. CLAD	SC	A	HM	-	-	-	21	-	-	-
110	1	3'-0"	6'-6"	1 3/4"	D17	MTL. CLAD	SC	A	HM	-	-	-	21	-	-	-
111	1	3'-0"	6'-6"	1 3/4"	D17	MTL. CLAD	SC	A	HM	-	-	-	21	-	-	-
112	1	3'-0"	6'-6"	1 3/4"	D17	MTL. CLAD	SC	A	HM	-	-	-	22	14	-	-
113	1	3'-0"	6'-6"	1 3/4"	D17	MTL. CLAD	SC	A	HM	-	-	-	113	14	-	-
114	1	3'-0"	6'-6"	1 3/4"	D17	MTL. CLAD	SC	A	HM	-	-	-	114	14	-	-
115	1	3'-0"	6'-6"	1 3/4"	D19	HM	SC	E	HM	-	-	-	22	-	-	-
116	1	3'-0"	6'-6"	1 3/4"	D17	MTL. CLAD	SC	A	HM	-	-	-	19	-	-	-
117	1	3'-0"	6'-6"	1 3/4"	D17	MTL. CLAD	SC	A	HM	-	-	-	17	14	-	-
118	1	3'-0"	6'-6"	1 3/4"	D17	MTL. CLAD	SC	A	HM	-	-	-	19	-	-	-
119	1	3'-0"	6'-6"	1 3/4"	D17	MTL. CLAD	SC	A	HM	-	-	-	19	-	-	-
120	1	3'-0"	7'-0"	1 3/4"	D13	AL	INS	G	AL	-	-	-	23	-	-	-
121	1	3'-0"	7'-0"	1 3/4"	D14	AL	INS	G	AL	-	-	-	23	-	-	-
122	1	3'-0"	6'-6"	1 3/4"	*	-	-	-	-	-	-	-	122	*	-	-
123	1	3'-0"	6'-6"	1 3/4"	D20	HM	SC	A	HM	-	-	-	123	19	-	-
124	2	3'-0"	6'-6"	1 3/4"	D20	HM	FR	E	HM	45 MIN	-	-	124	24	45 MIN	45 MIN
125	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	125	10	90 MIN	90 MIN
126	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	126	13	45 MIN	45 MIN
127	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	127	13	45 MIN	45 MIN
128	2	3'-0"	6'-6"	1 3/4"	D10	HM	FR	E	HM	45 MIN	-	-	128	11	90 MIN	90 MIN
129	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	129	10	45 MIN	45 MIN
130	1	3'-0"	7'-0"	1 3/4"	D14	AL	-	G	AL	-	-	-	25	-	-	-
131	1	3'-0"	6'-6"	1 3/4"	D17	MTL. CLAD	SC	A	HM	-	-	-	131	19	-	-
132	1	3'-0"	6'-6"	1 3/4"	D17	MTL. CLAD	SC	A	HM	-	-	-	132	19	-	-
133	2	3'-0"	6'-6"	1 3/4"	D20	HM	FR	E	HM	45 MIN	-	-	133	24	45 MIN	45 MIN
134	1	3'-0"	6'-6"	1 3/4"	D13	HM	FR	E	HM	45 MIN	-	-	134	10	45 MIN	45 MIN
135	1	3'-0"	7'-0"	1 3/4"	D13	AL	INS	G	AL	-	-	-	135	15	-	-
136	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	136	10	45 MIN	45 MIN
137	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	137	13	45 MIN	45 MIN
138	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	138	12	45 MIN	45 MIN
139	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	139	13	45 MIN	45 MIN
140	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	140	10	45 MIN	45 MIN
141	1	3'-0"	7'-0"	1 3/4"	D14	AL	-	G	AL	-	-	-	141	15	-	-
142	1	3'-0"	7'-0"	1 3/4"	D13	AL	-	G	AL	-	-	-	142	25	-	-
143	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	143	12	45 MIN	45 MIN
144	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	144	13	45 MIN	45 MIN
145	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	145	13	45 MIN	45 MIN
146	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	146	14	45 MIN	45 MIN
147	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	147	12	45 MIN	45 MIN
148	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	148	14	45 MIN	45 MIN
149	2	3'-0"	6'-6"	1 3/4"	D10	HM	FR	E	HM	45 MIN	-	-	149	11	90 MIN	90 MIN
150	1	3'-0"	6'-6"	1 3/4"	D1	MTL. CLAD	FR	A	HM	45 MIN	-	-	150	10	45 MIN	45 MIN
DOUBLE CORES DOORS – MAG HOLD TO F.A. SYSTEM																

DOOR SCHEDULE

WK	QTY	WIDTH	DOOR			MAT	CORE	FRAME		TYPE	GLASS		HARDWARE		REMARKS
			HGT	THK	TYPE			LABEL	THK		WK	SER.	LABEL		
201	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	201	12	45 MIN	
202	1	3'-0"	6'-6"	1 3/4"	D9	FR	A	HM	90 MIN	-	-	202	10	90 MIN	
203	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	203	13	45 MIN	
204	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	204	13	45 MIN	
205	2	3'-0"	6'-6"	1 3/4"	D10	FR	E	HM	90 MIN	-	-	205	11	90 MIN	
206	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	206	10	45 MIN	
207	1	3'-0"	6'-6"	1 3/4"	D11	FR	E	HM	45 MIN	TEMP	1/4"	207	13	45 MIN	
208	1	3'-0"	6'-6"	1 3/4"	D17	FR	A	HM	-	-	-	208	19	-	
209	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	209	12	45 MIN	
210	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	210	10	45 MIN	
211	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	211	13	45 MIN	
212	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	212	12	45 MIN	
213	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	213	13	45 MIN	
214	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	214	10	45 MIN	
215	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	215	12	45 MIN	
216	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	216	13	45 MIN	
217	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	217	14	45 MIN	
218	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	218	14	45 MIN	
219	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	219	12	45 MIN	
220	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	220	13	45 MIN	
221	2	3'-0"	6'-6"	1 3/4"	D10	FR	E	HM	90 MIN	-	-	221	11	90 MIN	
222	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	222	10	45 MIN	
301	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	301	12	45 MIN	
302	1	3'-0"	6'-6"	1 3/4"	D9	FR	A	HM	90 MIN	-	-	302	10	90 MIN	
303	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	303	13	45 MIN	
304	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	304	13	45 MIN	
305	2	3'-0"	6'-6"	1 3/4"	D10	FR	E	HM	90 MIN	-	-	305	11	90 MIN	
306	1	3'-0"	6'-6"	1 3/4"	D11	FR	A	HM	45 MIN	-	-	306	10	45 MIN	
307	1	3'-0"	6'-6"	1 3/4"	D11	FR	E	HM	45 MIN	TEMP	1/4"	307	13	45 MIN	
308	1	3'-0"	6'-6"	1 3/4"	D17	FR	A	HM	-	-	-	308	19	-	
309	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	309	12	45 MIN	
310	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	310	10	45 MIN	
311	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	311	13	45 MIN	
312	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	312	12	45 MIN	
313	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	313	13	45 MIN	
314	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	314	10	45 MIN	
315	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	315	13	45 MIN	
316	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	316	14	45 MIN	
317	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	317	12	45 MIN	
318	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	318	14	45 MIN	
319	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	319	13	45 MIN	
320	1	3'-0"	6'-6"	1 3/4"	D1	FR	A	HM	45 MIN	-	-	320	12	45 MIN	
DOUBLE CORNER DOORS - MAKE GOOD TO P.A. SYSTEM															



DRAWN BY: CHVILLI, I.C.
CHECKED BY: 252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210

[illegible]

149	3'-0"	D10	E	HM	-	149	11	60 MIN
2	6'-8"	HM	E	HM	-	149	11	DOUBLE EXPRESS DOORS - MAG HOLD TO F.A. SYSTEM
3'	3'-0"	D10	E	HM	-	149	11	60 MIN
4	3'-0"	D10	E	HM	-	149	11	60 MIN
5	3'-0"	D10	E	HM	-	149	11	60 MIN
6	3'-0"	D10	E	HM	-	149	11	60 MIN
7	3'-0"	D10	E	HM	-	149	11	60 MIN
8	3'-0"	D10	E	HM	-	149	11	60 MIN
9	3'-0"	D10	E	HM	-	149	11	60 MIN
10	3'-0"	D10	E	HM	-	149	11	60 MIN
11	3'-0"	D10	E	HM	-	149	11	60 MIN
12	3'-0"	D10	E	HM	-	149	11	60 MIN
13	3'-0"	D10	E	HM	-	149	11	60 MIN
14	3'-0"	D10	E	HM	-	149	11	60 MIN
15	3'-0"	D10	E	HM	-	149	11	60 MIN
16	3'-0"	D10	E	HM	-	149	11	60 MIN
17	3'-0"	D10	E	HM	-	149	11	60 MIN
18	3'-0"	D10	E	HM	-	149	11	60 MIN
19	3'-0"	D10	E	HM	-	149	11	60 MIN
20	3'-0"	D10	E	HM	-	149	11	60 MIN
21	3'-0"	D10	E	HM	-	149	11	60 MIN
22	3'-0"	D10	E	HM	-	149	11	60 MIN
23	3'-0"	D10	E	HM	-	149	11	60 MIN
24	3'-0"	D10	E	HM	-	149	11	60 MIN
25	3'-0"	D10	E	HM	-	149	11	60 MIN
26	3'-0"	D10	E	HM	-	149	11	60 MIN
27	3'-0"	D10	E	HM	-	149	11	60 MIN
28	3'-0"	D10	E	HM	-	149	11	60 MIN
29	3'-0"	D10	E	HM	-	149	11	60 MIN
30	3'-0"	D10	E	HM	-	149	11	60 MIN
31	3'-0"	D10	E	HM	-	149	11	60 MIN
32	3'-0"	D10	E	HM	-	149	11	60 MIN
33	3'-0"	D10	E	HM	-	149	11	60 MIN
34	3'-0"	D10	E	HM	-	149	11	60 MIN
35	3'-0"	D10	E	HM	-	149	11	60 MIN
36	3'-0"	D10	E	HM	-	149	11	60 MIN
37	3'-0"	D10	E	HM	-	149	11	60 MIN
38	3'-0"	D10	E	HM	-	149	11	60 MIN
39	3'-0"	D10	E	HM	-	149	11	60 MIN
40	3'-0"	D10	E	HM	-	149	11	60 MIN
41	3'-0"	D10	E	HM	-	149	11	60 MIN
42	3'-0"	D10	E	HM	-	149	11	60 MIN
43	3'-0"	D10	E	HM	-	149	11	60 MIN
44	3'-0"	D10	E	HM	-	149	11	60 MIN
45	3'-0"	D10	E	HM	-	149	11	60 MIN
46	3'-0"	D10	E	HM	-	149	11	60 MIN
47	3'-0"	D10	E	HM	-	149	11	60 MIN
48	3'-0"	D10	E	HM	-	149	11	60 MIN
49	3'-0"	D10	E	HM	-	149	11	60 MIN
50	3'-0"	D10	E	HM	-	149	11	60 MIN
51	3'-0"	D10	E	HM	-	149	11	60 MIN
52	3'-0"	D10	E	HM	-	149	11	60 MIN
53	3'-0"	D10	E	HM	-	149	11	60 MIN
54	3'-0"	D10	E	HM	-	149	11	60 MIN
55	3'-0"	D10	E	HM	-	149	11	60 MIN
56	3'-0"	D10	E	HM	-	149	11	60 MIN
57	3'-0"	D10	E	HM	-	149	11	60 MIN
58	3'-0"	D10	E	HM	-	149	11	60 MIN
59	3'-0"	D10	E	HM	-	149	11	60 MIN
60	3'-0"	D10	E	HM	-	149	11	60 MIN
61	3'-0"	D10	E	HM	-	149	11	60 MIN

06/17/21 09:26:50 AM
 See the last pages for project details
 PROJECT NO: DESIGNED BY:
 HARRIS A. SANDERS
 ARCHITECTS P C

CHECKED BY: 252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210

AS NOTED	SMALL NOTES:
HIAWATHA TRAILS SENIOR APARTMENTS	

DRAWN BY:
CHECKED BY:

252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210

DRAWN BY:
CHECKED BY:

252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210

DRAWN BY:
CHECKED BY:

252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210

DATE: 06/27/2025 10:00 AM	PROJECT NO:
DRAWN BY:	DESIGNED BY:
CHECKED BY:	AS NOTED
SCALE:	1/4" = 1'-0"
HARRIS A. SANDERS ARCHITECTS, P.C. 252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 	

CHECKED BY:	252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210
SCALE:	
AS NOTED	HTAWMTHA TPATTS SENIOR APARTMENTS

ROOM FINISH SCHEDULE - HIAWATHA TRAILS SENIOR APARTMENTS

RM.		FLOOR		BASE		HGT		MAT		NORTH		EAST		SOUTH		WEST		MAT		CEILING		HGT.		REMARKS	
NO.		DESIGNATION		FLOOR		BASE		HGT		MAT		NORTH		EAST		SOUTH		MAT		TYPE		HGT.		REMARKS	
A		FOYER		SV-1		WDB		-		-		PGB		PGB		PGB		PGB		12		80"		POL & SHELF	
B		CLOSET		SV-1		WDB		-		-		PGB		PGB		PGB		PGB		12		80"		POL & SHELF	
C		KITCHEN		SV-4		WDB		-		-		PGB		PGB		PGB		PGB		12		80"		SEE TYPICAL KITCHEN DETAILS	
D		LIVING/DINING		SV-4		WDB		-		-		PGB		PGB		PGB		PGB		12		80"			
E		HALL		SV-4		WDB		-		-		PGB		PGB		PGB		PGB		12		80"			
F		BEDROOM		SV-4		WDB		-		-		PGB		PGB		PGB		PGB		12		80"		POL & SHELF	
G		CLOSET		SV-4		WDB		-		-		PGB		PGB		PGB		PGB		12		80"		(6) SHELVES	
H		STORAGE CLOSET		SV-4		WDB		-		-		PGB		PGB		PGB		PGB		12		80"		SEE TYPICAL BATHROOM DETAILS	
J		BATH		SV-4		WDB		-		-		PGB		PGB		PGB		PGB		12		80"		SEE TYPICAL BATHROOM DETAILS	
K		LAVATORY		SV-4		WDB		-		-		PGB		PGB		PGB		PGB		12		80"		SHELF OVER WASHER & DRYER	
L		LAVATORY		SV-4		WDB		-		-		PGB		PGB		PGB		PGB		12		80"		CONC. 1ST FL. VCT. 2ND & 3RD FLOORS	
M		MECH		CONC		WDB		-		-		PGB		PGB		PGB		PGB		12		80"		(6) SHELVES	
N		WALK-IN CLOSET (WIC)		SV-4		WDB		-		-		PGB		PGB		PGB		PGB		12		80"		SEE TYPICAL BATHROOM DETAILS	
P		BATH		SV-4		WDB		-		-		PGB		PGB		PGB		PGB		12		80"		SEE TYPICAL BATHROOM DETAILS	
R		PANTRY		SV-4		WDB		-		-		PGB		PGB		PGB		PGB		12		80"		(6) SHELVES	
S		BATH		SV-4		WDB		-		-		PGB		PGB		PGB		PGB		14		80"		SEE TYPICAL BATHROOM DETAILS	
B01		STORAGE		CONC.		VCB		-		-		PGB		PGB		PGB		PGB		5		100"			
B02		ELEV LOBBY		SV-4		WDB		30"		PGB		PGB		PGB		PGB		PGB		1		80"		CPT BORDER, CHAIR RAIL, COVE MOLDING, SEE RCP	
B03		VESTIBULE		WM		WDB		30"		PGB		PGB		PGB		PGB		PGB		26		927/78"		DOUBLE CEILING, CHAIR RAIL, HAND RAIL (1) SIDE	
B04		STAR		SV-4		WDB		-		PGB		PGB		PGB		PGB		PGB		12		80"		CPT TREADS & RISERS, HAND RAILS, SEE STAIR DETAILS	
B05		HALL		SV-4		WDB		30"		PGB		PGB		PGB		PGB		PGB		26		907/78"		DOUBLE CEILING, CHAIR RAIL, HAND RAIL (1) SIDE	
B06		HALL		SV-4		WDB		30"		PGB		PGB		PGB		PGB		PGB		26		907/78"		DOUBLE CEILING, CHAIR RAIL, HAND RAIL (1) SIDE	
B07		TENANT STORAGE		VCT		WDB		-		PGB		PGB		PGB		PGB		PGB		1		80"		STORAGE LOCKERS	
B08		TENANT STORAGE		VCT		WDB		-		PGB		PGB		PGB		PGB		PGB		1		80"		STORAGE LOCKERS	
B09		TENANT STORAGE		VCT		WDB		-		PGB		PGB		PGB		PGB		PGB		1		80"		STORAGE LOCKERS	
B10		MECH		CONC.		WDB		-		PGB		PGB		PGB		PGB		PGB		5		100"		CPT TREADS & RISERS, HAND RAILS, SEE STAIR DETAILS	
B11		STAR		SV-4		WDB		-		PGB		PGB		PGB		PGB		PGB		12		80"		CPT TREADS & RISERS, HAND RAILS, SEE STAIR DETAILS	
B12		LOUNGE		SV-4		WDB		50"		PGB		PGB		PGB		PGB		PGB		1		80"		SEE LOUNGE DETAILS	
B13		LOUNGE		SV-4		WDB		-		PGB		PGB		PGB		PGB		PGB		5		100"			
B14		OFFICE		SV-4		WDB		-		PGB		PGB		PGB		PGB		PGB		5		100"			
B15		STORAGE		CONC.		WDB		-		PGB		PGB		PGB		PGB		PGB		5		100"			
B16		STORAGE		CONC.		WDB		-		PGB		PGB		PGB		PGB		PGB		5		100"			
B17		STORAGE		CONC.		WDB		-		PGB		PGB		PGB		PGB		PGB		5		100"			
B18		STORAGE		CONC.		WDB		-		PGB		PGB		PGB		PGB		PGB		5		100"			
B19		CHAUL SPACE		CONC.		WDB		-		PGB		PGB		PGB		PGB		PGB		5		100"			

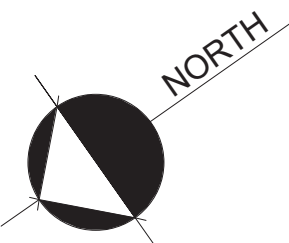
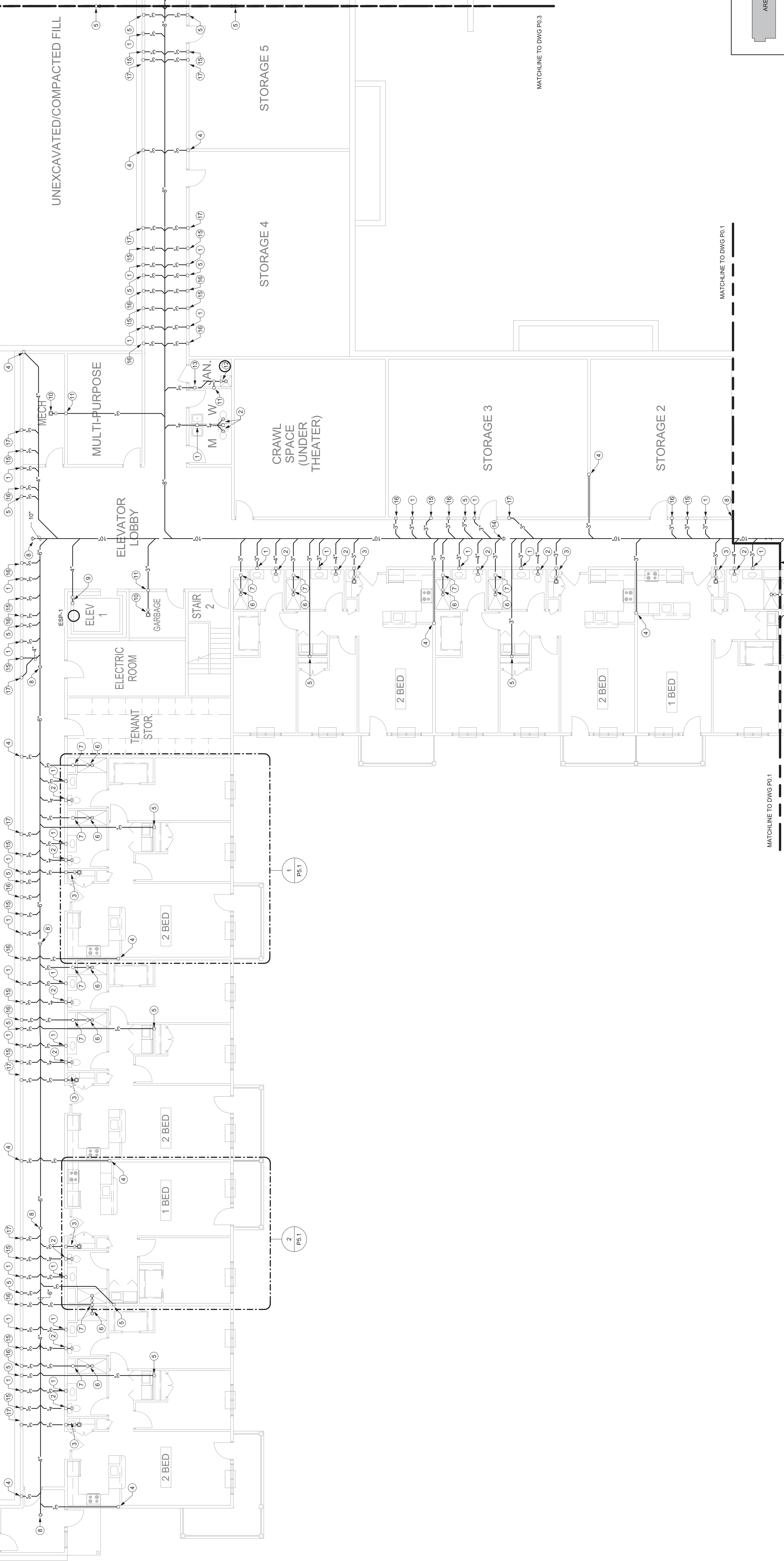
P0.2 DRAWING NOTES

1. 3" WASTE UP FOR LAVATORY STACK
2. 3" SANITARY UP TO TOILET, 3" SANITARY STACK UP TO TOILETS ABOVE
3. 2" P-TRAP UP TO FLOOR DRAIN, 2" WASTE STACK UP TO FLOOR DRAINS ABOVE
4. 3" WASTE UP FOR KITCHEN SINK STACK
5. 3" WASTE UP FOR LAUNDRY STACK
6. 2" WASTE UP FOR LAUNDRY STACK
7. 3" WASTE UP FOR SHOWER STACK
8. 4" ELBOW UP TO DECK PLATE CLEANOUT
9. 4" STANDPIPE WITH P-TRAP FOR ELEVATOR PUMP DISCHARGE
10. 4" P-TRAP UP TO FLOOR DRAIN
11. 2" VENT UP
12. 3" P-TRAP UP TO MOP SINK
13. 3" WASTE UP FOR MOP SINK STACK
14. 6" UP TO DECK PLATE CLEANOUT
15. 3" WASTE UP FOR SHOWERS ABOVE
16. 3" WASTE UP, TRANSITION TO 2" ABOVE SLAB FOR FLOOR DRAIN STACK ABOVE
17. 3" WASTE UP, TRANSITION TO 2" ABOVE SLAB FOR FLOOR DRAIN STACK ABOVE

MATCHLINE TO DWG P0.3

MATCHLINE TO DWG P0.1

UNEXCAVATED/COMPACTED FILL



GROUND FLOOR BELOW SLAB PLUMBING PLAN — AREA B
SCALE: 1/8" = 1'-0"

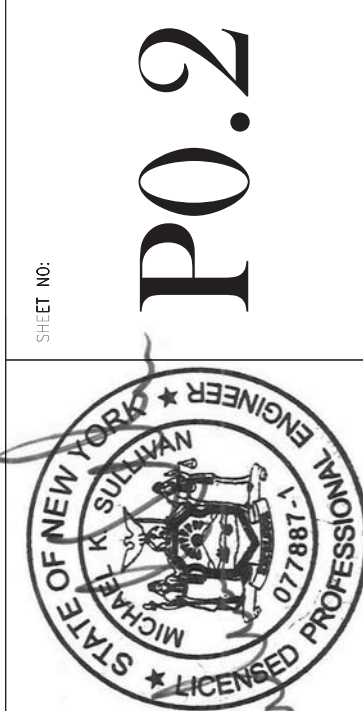
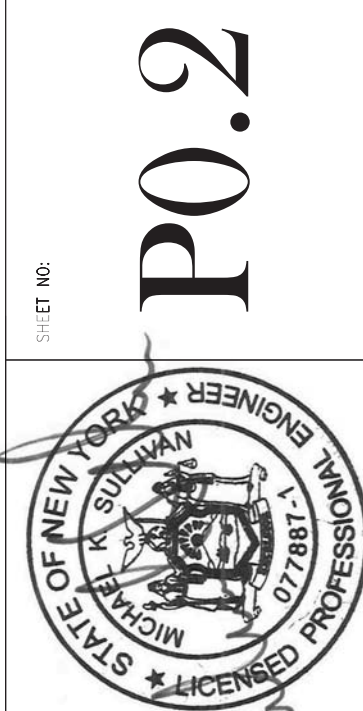
PROJECT NO.: 202055
DESIGNED BY: MJC
DRAWN BY: MJC
CHECKED BY: MJC
SCALE: 1/8" = 1'-0"
HARRIS A. SANDERS
ARCHITECTS, P.C.
252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210
HIAWATHA TRAILS SENIOR APARTMENTS



ISSUED FOR PERMITTING 4/22/2021

DATE: 03/01/2021

GROUND FLOOR BELOW SLAB PLUMBING PLAN - AREA B

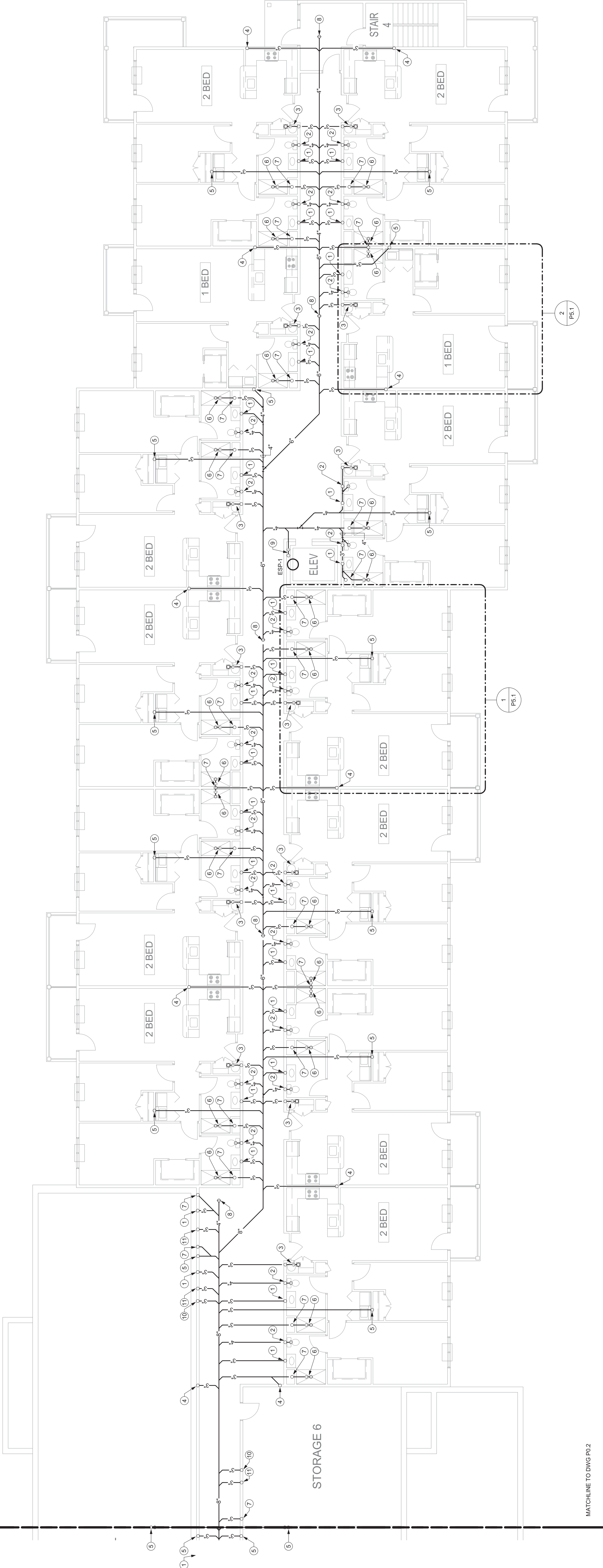


P0.2

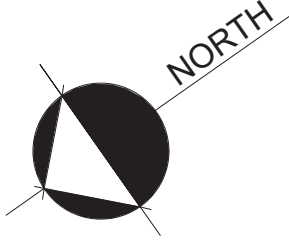
P0.3 DRAWING NOTES

1. 3" WASTE UP FOR LAVATORY STACK.
2. 3" SANITARY UP TO TOILET, 3" SANITARY STACK UP TO TOILETS ABOVE.
3. 2" P-TRAP UP TO FLOOR DRAIN, 2" WASTE STACK UP TO FLOORS ABOVE.
4. 3" WASTE UP FOR KITCHEN SINK STACK.
5. 2" P-TRAP UP TO FLOOR DRAIN, 2" WASTE STACK UP TO FLOORS ABOVE.
6. 2" P-TRAP UP TO SHOWER DRAIN.
7. 3" WASTE UP FOR SHOWER STACK.
8. 4" ELBOW UP TO DECK PLATE CLEANOUT.
9. 4" WASTE UP TO DECK PLATE CLEANOUT, 4" WASTE UP TO DECK PLATE CLEANOUT, 4" WASTE UP TO DECK PLATE CLEANOUT.
10. 3" WASTE UP TRANSITION TO 2" ABOVE SUB FOR FLOOR DRAIN STACK ABOVE.
11. 3" SANITARY STACK UP TO TOILETS ABOVE.

MATCHLINE TO DWG P0.2



MATCHLINE TO DWG P0.2



GROUND FLOOR BELOW SLAB PLUMBING PLAN — AREA C
SCALE: 1/8" = 1'-0"

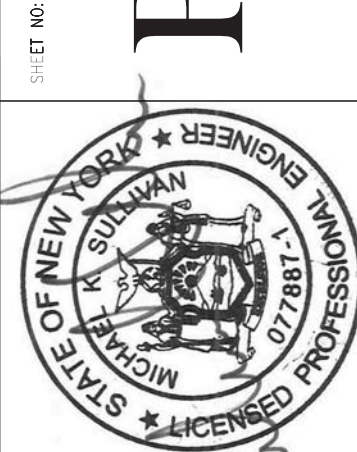
ISSUED FOR PERMITTING 4/22/2021

HARRIS A. SANDERS
ARCHITECTS, P.C.
252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210
HIAWATHA TRAILS SENIOR APARTMENTS

PROJECT NO. 20035
DESIGNED BY: HMC
DRAWN BY: HMC
CHECKED BY: HMC
SCALE: 1/8" = 1'-0"

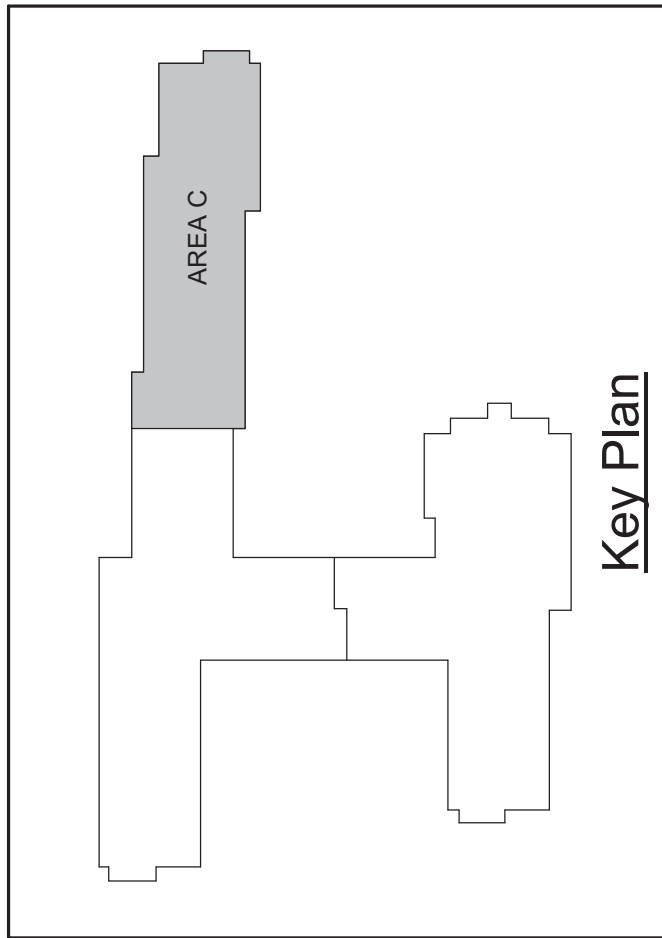


DATE: 03/01/2021



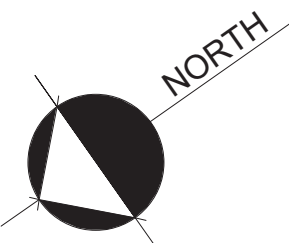
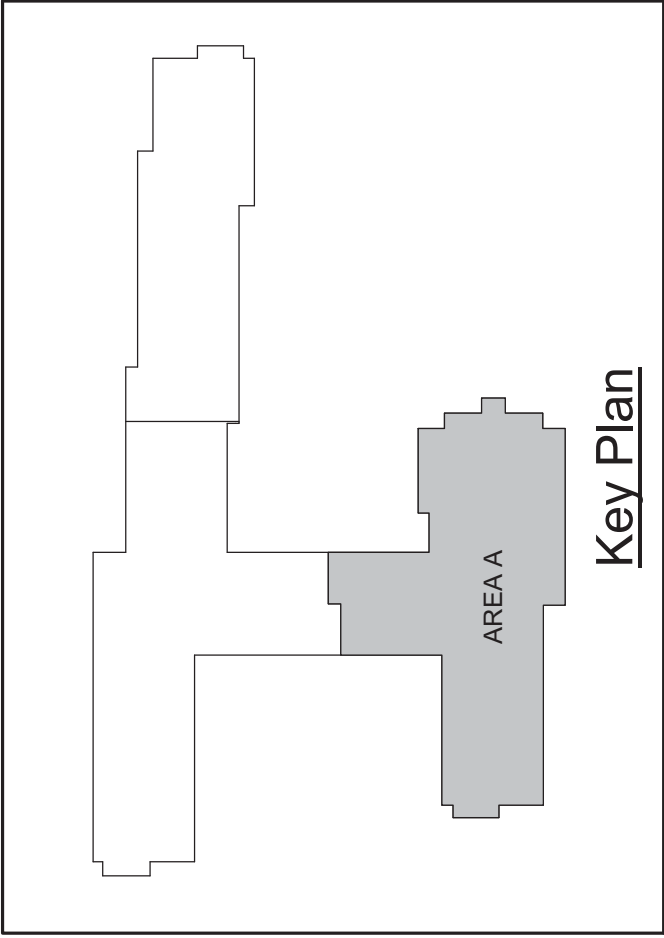
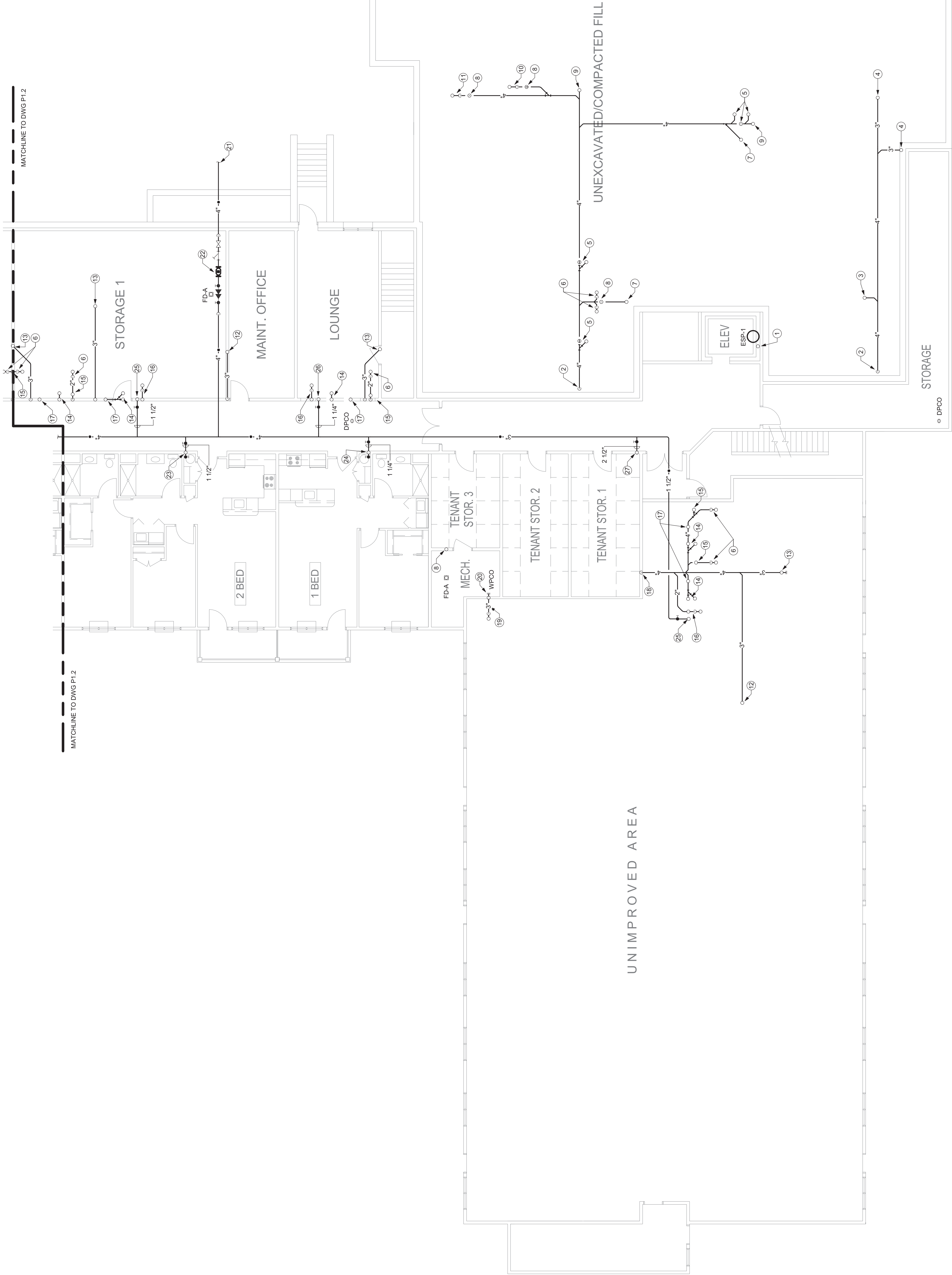
GROUND FLOOR BELOW SLAB PLUMBING PLAN - AREA C

P0.3



P1.1 DRAWING NOTES

1. ROUTE ELEVATOR SUMP PUMP DISCHARGE TO STANDPIPE. SEE DETAIL X/PX.
2. 4" WASTE DOWN, DROP AT 45 DEGREE ANGLE BELOW GROUND FLOOR SLAB.
3. 2" WASTE UP TO BAR SINK.
4. 4" WASTE UP PARTWAY TO 2" ABOVE SLAB TO KITCHEN SINK.
5. 3" WASTE UP TO TOILET FL. 2" ABOVE SLAB TO KITCHEN SINK.
6. 2" P-TRAP UP TO SHOWER DRAIN.
7. 2" WASTE UP TO LAWS ABOVE.
8. 2" VENT UP.
9. 4" WASTE UP TO DEW PLATE CLEANOUT.
10. 2" P-TRAP UP TO FLOOR DRAIN.
11. 4" P-TRAP UP TO FLOOR DRAIN.
12. 3" WASTE UP FOR KITCHEN SINK STACK.
13. 3" WASTE UP FOR LAUNDRY STACK.
14. 3" WASTE UP FOR SHOWER STACK.
15. 3" WASTE UP FOR SHOWER STACK.
16. 2" P-TRAP UP TO FLOOR DRAIN. 2" WASTE STACK UP TO FLOOR DRAINS ABOVE.
17. 3" WASTE UP FOR LAVATORY STACK.
18. 4" SANITARY DOWN.
19. 4" SANITARY DOWN.
20. PROVIDE WALL PLATE CLEANOUT 24" ABOVE FINISH FLOOR.
21. 4" DOMESTIC WATER SERVICE BROUGHT OUT 5' FROM FOUNDATION WALL. SEE CONTINUATION ON SITE PLAN.
22. 4" WATER METER AND 4" RPZ TO BE INSTALLED. SEE DETAIL SPS-1.
23. 1-1/2" CW BRANCH TO RISER. 3/4" CW TO GROUND FLOOR UNIT. 1-1/2" CW UP TO 1ST FLOOR 2 BED UNIT.
24. 1-1/2" CW RISER UP TO 1ST FL. 2 BED UNITS.
25. 1-1/2" CW RISER UP TO 1ST FL. 1 BED UNITS.
26. 1-1/4" CW RISER UP TO 1ST FL. 1 BED UNITS.
27. 2" CW UP TO 1ST FLOOR KITCHEN AREA.





ME
ENGINEERING
MECHANICAL • ELECTRICAL • PLUMBING
2025/07/20/2025 10:00 AM
2025/07/20/2025 10:00 AM

PROJECT NO.: 202505

DESIGNED BY: ME

DRAWN BY: ME

CHECKED BY: ME

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

HARRIS A. SANDERS
ARCHITECTS, P.C.
252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210

HIAWATHA TRAILS SENIOR APARTMENTS

ISSUED FOR PERMITTING 4/22/2021

GROUND FLOOR ABOVE SLAB PLUMBING PLAN - AREA A



STATE OF NEW YORK
HARRIS A. SANDERS
077881
PROFESSIONAL ENGINEER

PI.1

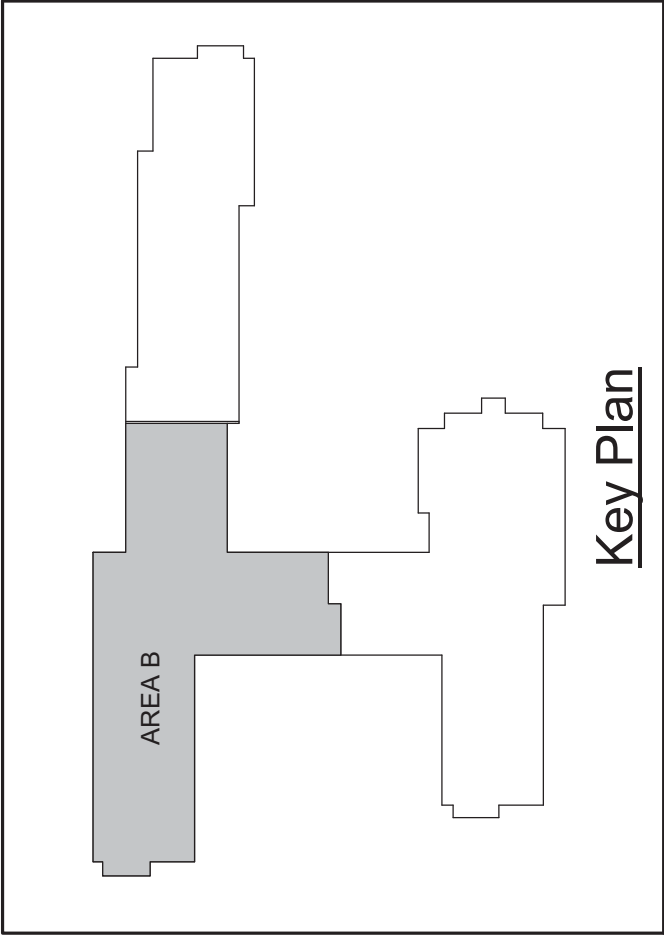
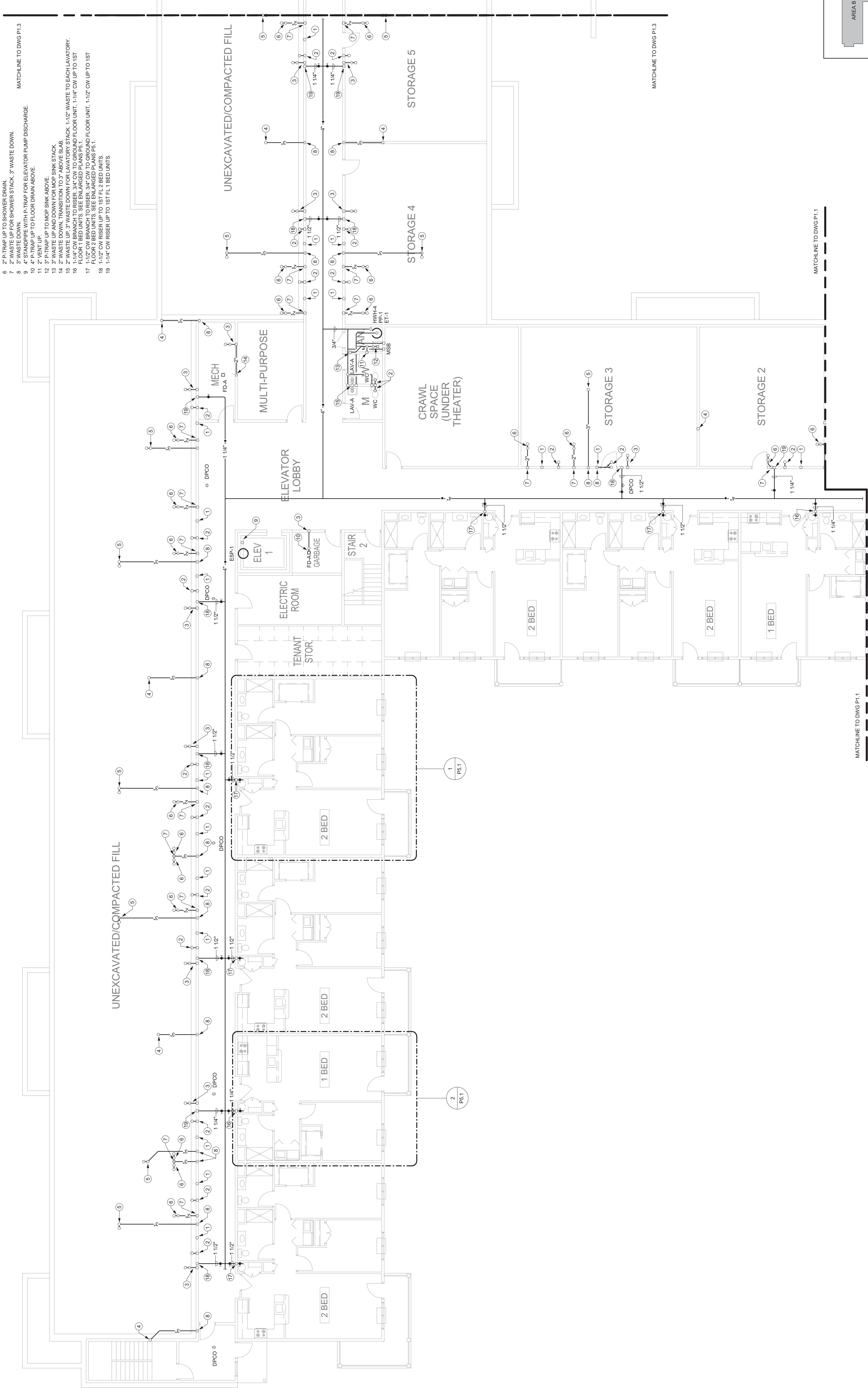
PI.1

DATE: 03/07/2021

PI.1

P1.2 DRAWING NOTES

1. 2" WASTE UP TO LAWS ABOVE, 3" WASTE DOWN.
2. 3" SENTRY UP TO TOILET, 2" SENTRY STACK UP TO TOILETS ABOVE, 4" SENTRY DOWN.
3. 2" TRAP UP TO FLOOR DRAIN, 2" WASTE STACK UP TO FLOOR DRAINS ABOVE, 3" WASTE DOWN.
4. 2" WASTE UP FOR KITCHEN SINK STACK.
5. 2" WASTE UP FOR SINK DRAIN, 2" WASTE DOWN.
6. 2" TRAP UP TO SHOWER DRAIN.
7. 2" WASTE DOWN FOR SHOWER STACK, 3" WASTE DOWN.
8. 3" WASTE DOWN.
9. 4" STANDPIPE WITH P-TRAP FOR ELEVATOR PUMP DISCHARGE.
10. 2" WASTE UP TO FLOOR DRAIN ABOVE.
11. 2" NEW UP.
12. 3" P-TRAP UP TO MOP SINK ABOVE.
13. 3" WASTE UP AND DOWN FOR MOP SINK STACK.
14. 2" WASTE DOWN, TRANSITION TO 3" ABOVE SLAB.
15. 2" WASTE DOWN, TRANSITION TO 3" ABOVE SLAB.
16. 1 1/4" CW BRANCH TO RISER, 3/4" CW TO GROUND FLOOR UNIT, 1 1/4" CW UP TO 1ST FLOOR, 1 BED UNIT.
17. 1 1/4" CW BRANCH TO RISER, 3/4" CW TO GROUND FLOOR UNIT, 1 1/2" CW UP TO 1ST FLOOR, 2 BED UNIT.
18. 1 1/2" CW RISER UP TO 1ST FL, 2 BED UNITS.
19. 1 1/4" CW RISER UP TO 1ST FL, 1 BED UNITS.



ISSUED FOR PERMITTING 4/22/2021

GROUND FLOOR ABOVE SLAB PLUMBING PLAN - AREA B

HARRIS A. SANDERS
ARCHITECTS, P.C.
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HIAWATHA TRAILS SENIOR APARTMENTS

PROJECT NO:	203253
DESIGNED BY:	MJC
DRAWN BY:	MJC
CHECKED BY:	JME
SCALE	1/8" = 1'-0"



M/E ENGINEERING
Mechanical/Electrical Engineering Consultants
Schwartzberg / Rochester / Buffalo / Syracuse
440 STATE STREET, SUITE 402
SYRACUSE, NY 13202
315.486.1100

DATE: 03/01/2021

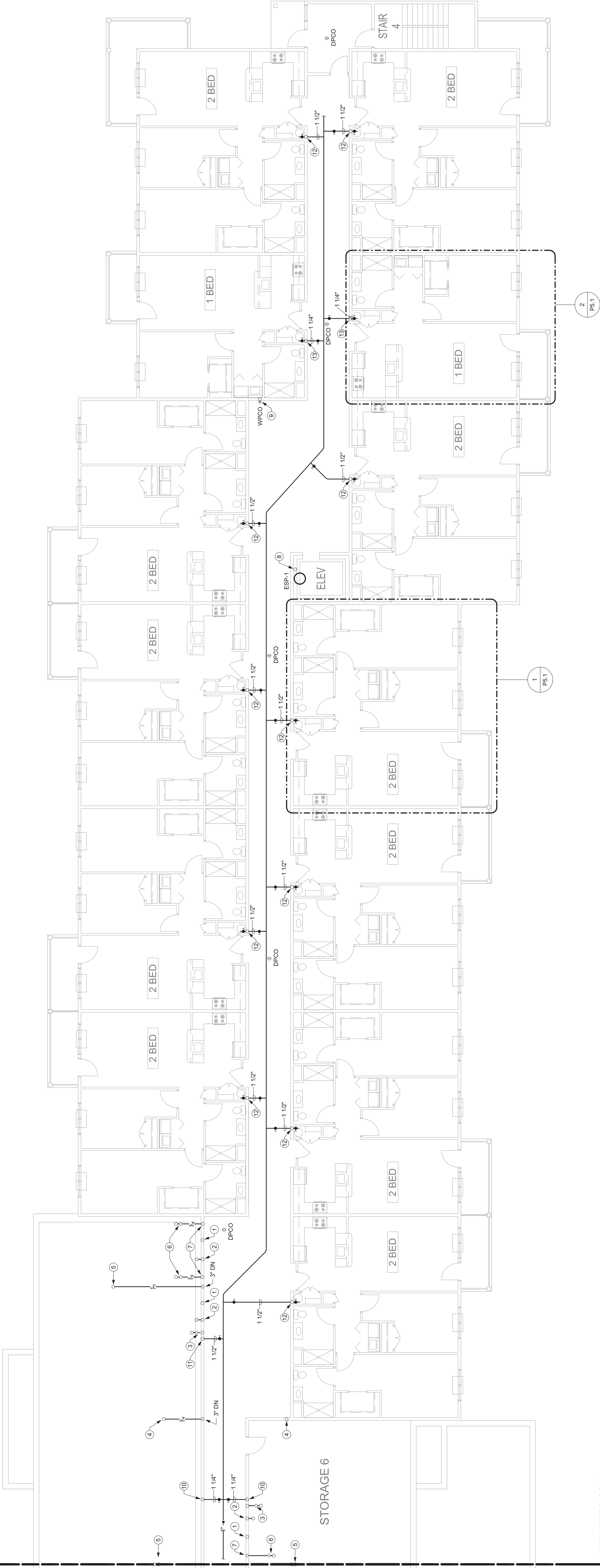


Pl.2

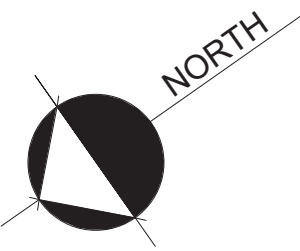
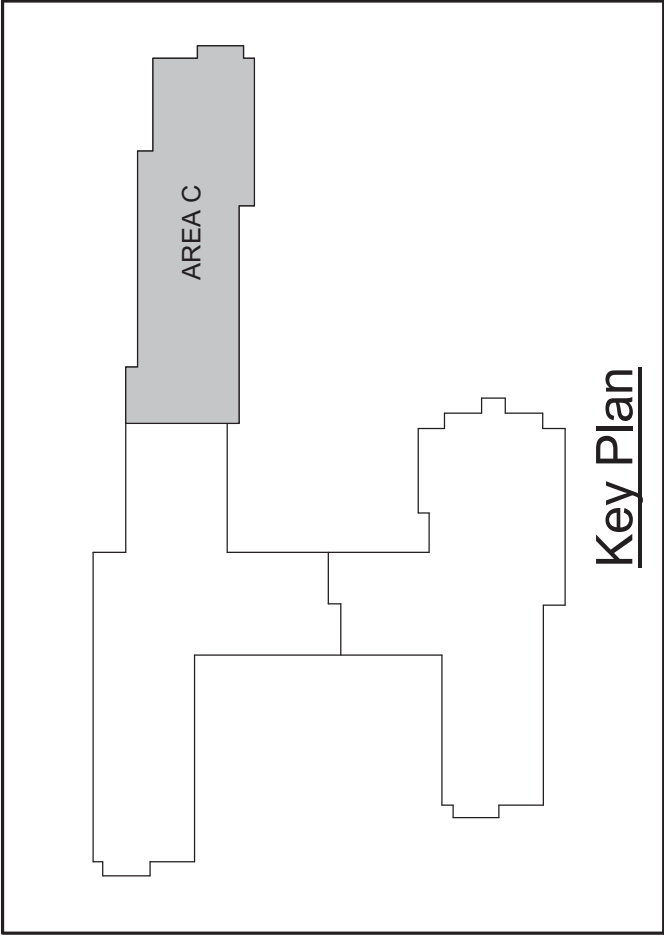
P1.3 DRAWING NOTES

- 2" WASTE UP TO LAVS ABOVE.
- 3" SANITARY UP TO TOILET, 3" SANITARY STACK UP TO TOILETS ABOVE.
- 2" P-TRAP UP TO FLOOR DRAIN, 2" WASTE STACK UP TO FLOOR DRAINS ABOVE.
- 2" WASTE UP FOR KITCHEN SINK, 2" WASTE STACK UP TO FLOOR DRAINS ABOVE.
- 3" WASTE UP FOR KITCHEN SINK, 2" WASTE STACK UP TO FLOOR DRAINS ABOVE.
- 2" P-TRAP UP TO SHOWER DRAIN.
- 2" WASTE UP FOR SHOWER DRAIN.
- 4" STANDPIPE WITH P-TRAP FOR ELEVATOR PUMP DISCHARGE.
- 4" WASTE UP FOR ELEVATOR PUMP DISCHARGE.
- 4" WASTE UP FOR ELEVATOR PUMP DISCHARGE.
- 1 1/2" CW RISER UP TO 1ST FL, 2 BED UNITS.
- 1 1/2" CW RISER UP TO 1ST FL, 2 BED UNITS.
- 1 1/2" CW BRANCH TO RISER, 3/4" CW TO GROUND FLOOR UNIT, 1 1/2" CW UP TO 1ST FLOOR 1 BED UNIT.
- 1 1/4" CW BRANCH TO RISER, 3/4" CW TO GROUND FLOOR UNIT, 1 1/4" CW UP TO 1ST FLOOR 1 BED UNITS. SEE ENLARGED PLANS P4.1.

MATCHLINE TO DWG P1.2



MATCHLINE TO DWG P1.2

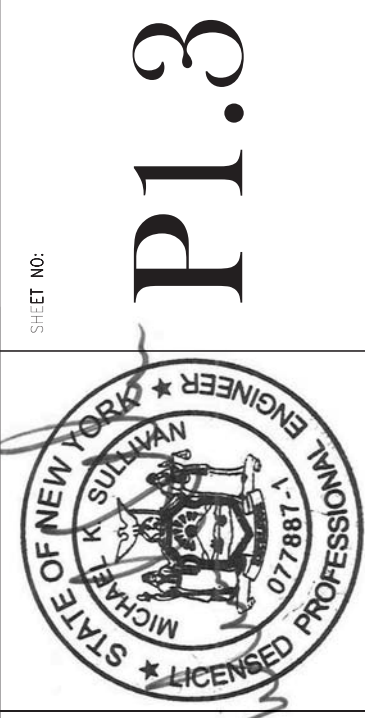


GROUND FLOOR ABOVE SLAB PLUMBING PLAN — AREA C
SCALE: 1/8" = 1'-0"

ISSUED FOR PERMITTING 4/22/2021

PROJECT NO. 200353
DESIGNED BY: MJC
DRAWN BY: MJC
CHECKED BY: MJC
SCALE: 1/8" = 1'-0"
HARRIS A. SANDERS
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252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210
HIAWATHA TRAILS SENIOR APARTMENTS

GROUND FLOOR ABOVE SLAB PLUMBING PLAN - AREA C



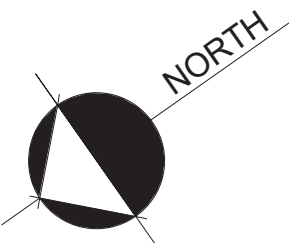
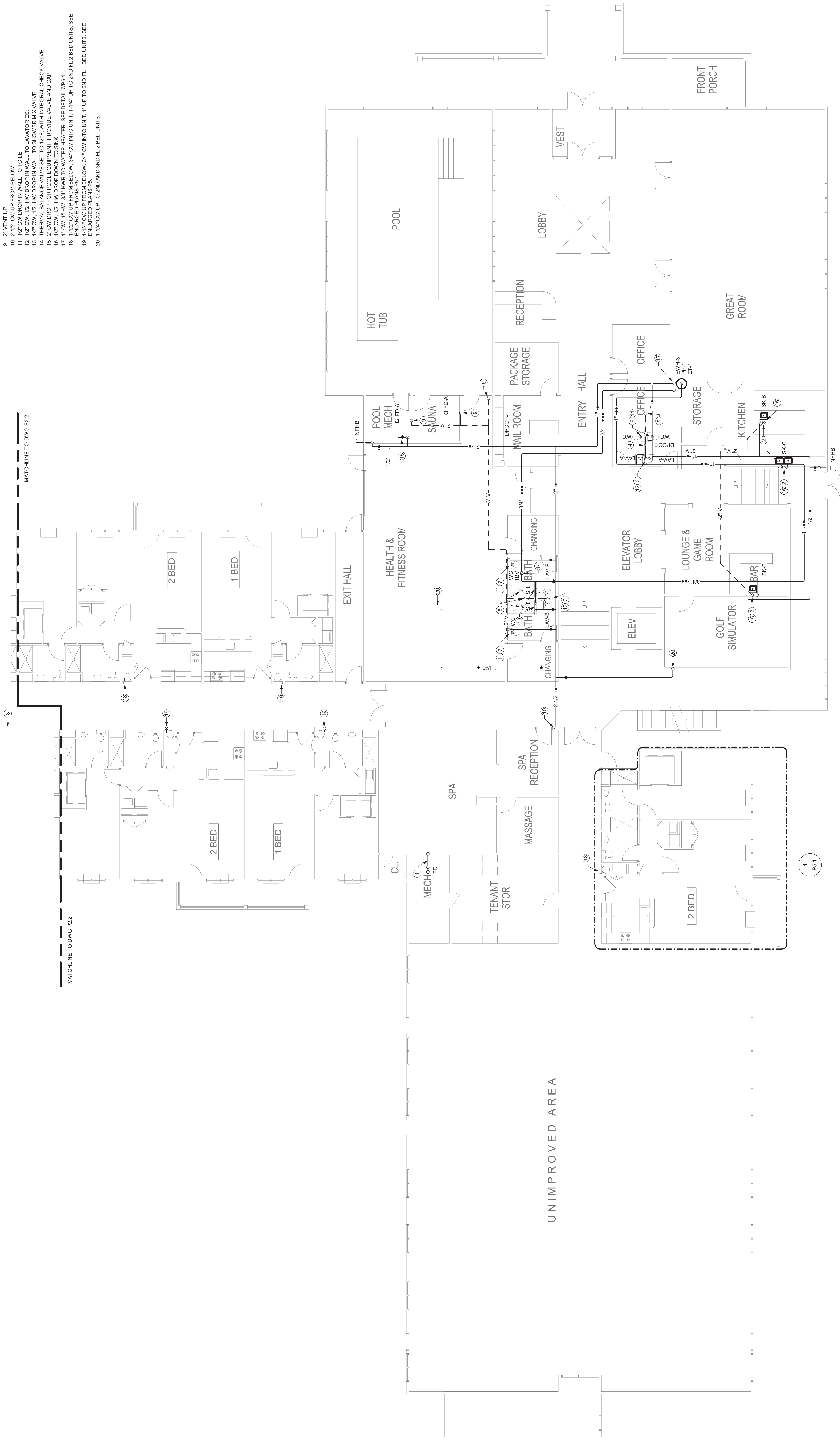
DATE: 03/01/2021

ET NO.

P1.3

P2.1 DRAWING NOTES

1. 2" P-TRAP UP TO FLOOR DRAIN. 2" WASTE STACK UP TO FLOOR DRAINS ABOVE.
2. 2" WASTE DOWN. 2" VENT UP. 1-1/2" WASTE TO SINK.
3. 2" WASTE DOWN. 2" VENT UP. 1-1/2" WASTE TO LAVATORIES.
4. 1" VENT UP FROM BELOW. 1" VENT UP. 1-1/2" WASTE TO LAVATORIES.
5. 3" VENT UP FROM BELOW. 3" VENT UP. 1-1/2" WASTE TO LAVATORIES.
6. 3" VENT UP FROM BELOW. 3" VENT UP. 1-1/2" WASTE TO LAVATORIES.
7. 3" VENT UP FROM BELOW. 3" VENT UP. 1-1/2" WASTE TO LAVATORIES.
8. 2" WASTE TO SHOWERS FROM BELOW. 2" VENT UP.
9. 2" VENT UP FROM BELOW.
10. 2-1/2" CW UP FROM BELOW.
11. 1/2" CW DROP IN WALL TO TOILET.
12. 1/2" CW. 1/2" HW DROP IN WALL TO LAVATORIES.
13. 1/2" CW. 1/2" HW DROP IN WALL TO SHOWER MIX VALVE.
14. 1/2" CW. 1/2" HW DROP IN WALL TO SHOWER MIX VALVE.
15. 2" CW DROP FOR POOL EQUIPMENT. PROVIDE VALVE AND CAP.
16. 1/2" CW. 1/2" HW DROP DOWN TO SINK.
17. 1" CW. 1" HW. 3/4" HWRT TO WATER HEATER. SEE DETAIL 7P6.1
18. 1-1/4" CW UP FROM BELOW. 3/4" CW INTO UNIT. 1-1/4" UP TO 2ND FL. 2 BED UNITS. SEE ENLARGED PLANS P5.1.
19. 1-1/4" CW UP FROM BELOW. 3/4" CW INTO UNIT. 1" UP TO 2ND FL. 1 BED UNITS. SEE ENLARGED PLANS P5.1.
20. 1-1/4" CW UP TO 2ND AND 3RD FL. 2 BED UNITS.



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

PROJECT NO. 202055
DESIGNED BY: MC
DRAWN BY: MC
CHECKED BY: MC
SCALE: 1/8" = 1'-0"

HARRIS A. SANDERS
ARCHITECTS, P.C.
252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210

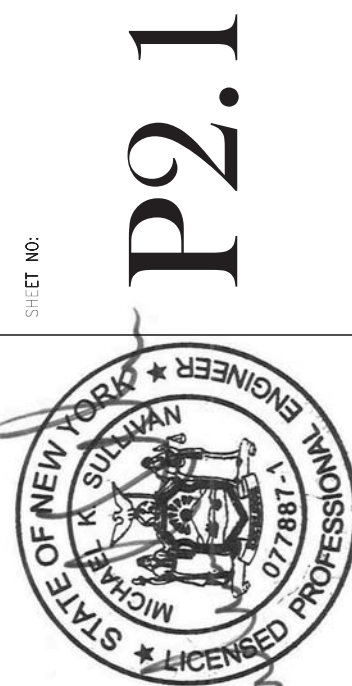
HIAWATHA TRAILS SENIOR APARTMENTS



ISSUED FOR PERMITTING 4/22/2021

DATE: 03/07/2021

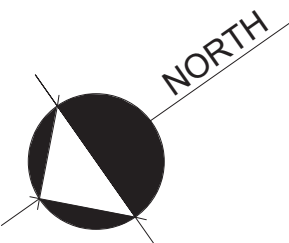
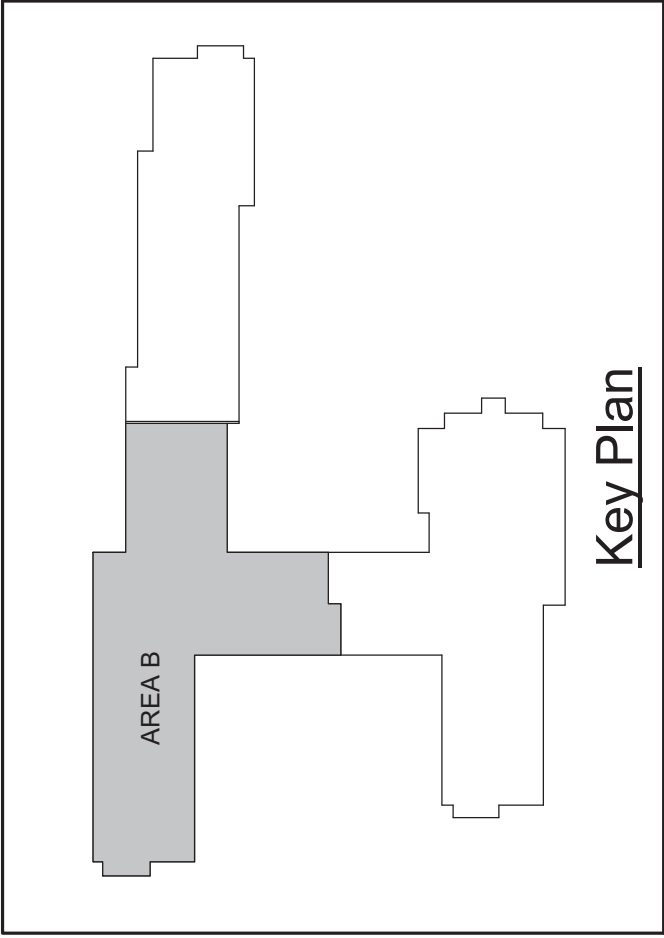
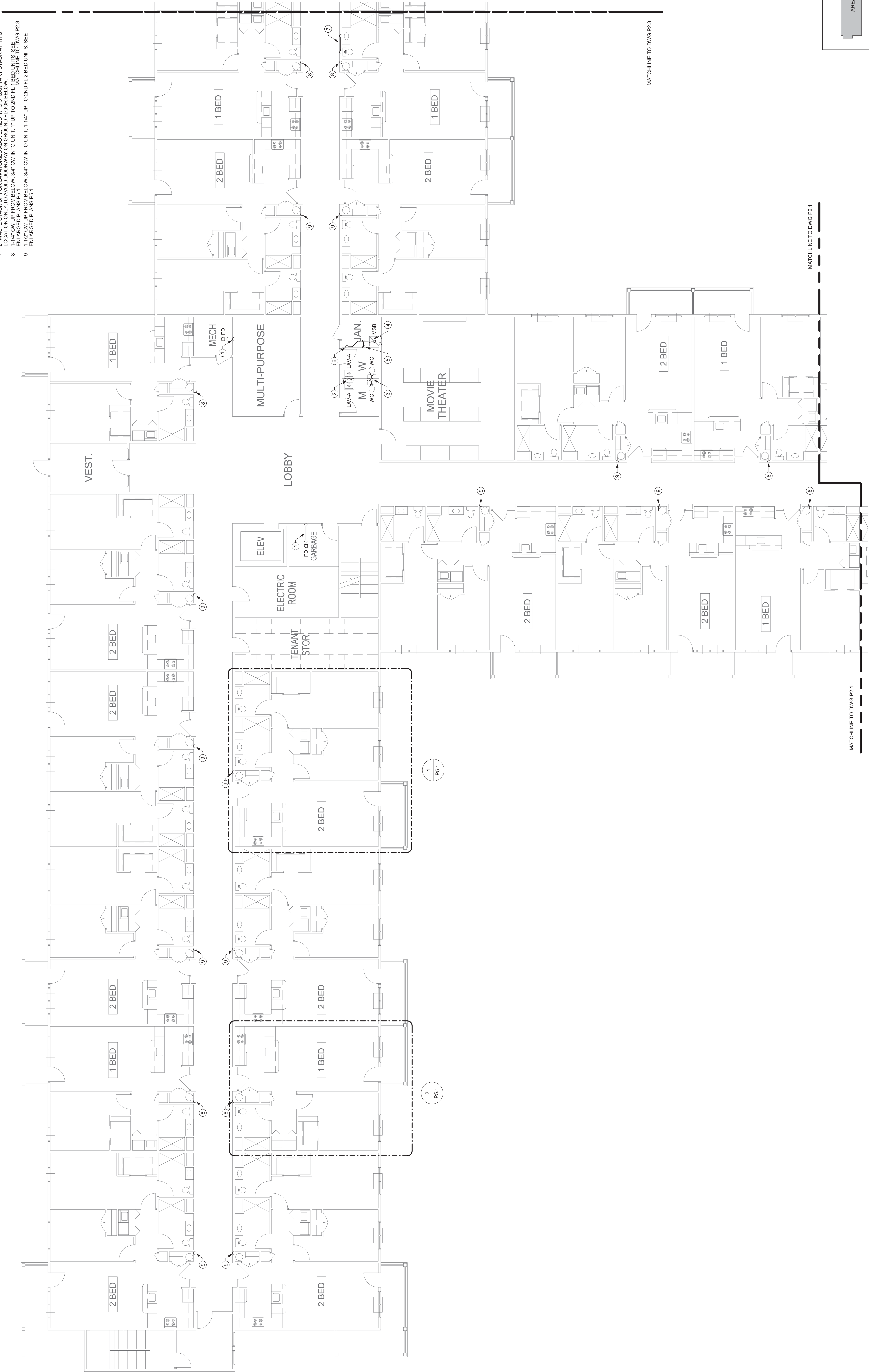
ET NO.



FIRST FLOOR PLUMBING PLAN - AREA A

P2.2 DRAWING NOTES

- 1" P-TRAP UP TO FLOOR DRAIN, 2" WASTE STACK UP TO FLOOR DRAINS ABOVE.
- 2" WASTE DOWN, 2" VENT UP, 1-1/2" WASTE TO LAVATORIES.
- 3" SANITARY UP TO TOILET, 3" SANITARY STACK UP TO TOILETS ABOVE.
- 3" P-TRAP UP TO MOP SINK ABOVE.
- 3" WASTE UP AND DOWN FOR MOP SINK STACK.
- 2" WASTE STACK UP FOR LAVATORIES ABOVE, TIED INTO 3" SANITARY STACK AT THIS LOCATION ONLY TO AVOID DOORWAY ON GROUND FLOOR BELOW.
- 1-1/2" CW UP FROM BELOW, 3/4" CW INTO UNIT, 1-1/4" UP TO 2ND FL. 2 BED UNITS. SEE ENLARGED PLANS P5.1.
- 1-1/2" CW UP FROM BELOW, 3/4" CW INTO UNIT, 1-1/4" UP TO 2ND FL. 2 BED UNITS. SEE ENLARGED PLANS P5.1.



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

ISSUED FOR PERMITTING 4/22/2021

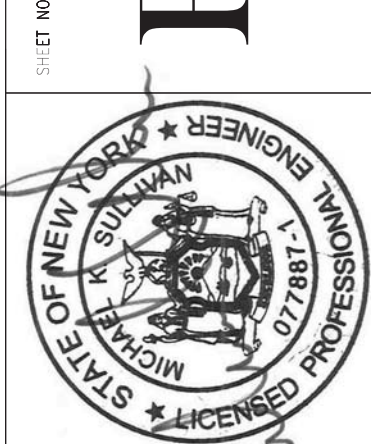


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2020/05/27/2021 10:00 AM

PROJECT NO.: 202055
DESIGNED BY: MJC
DRAWN BY: MJC
CHECKED BY: MJC
SCALE: 1/8" = 1'-0"

HARRIS A. SANDERS
ARCHITECTS, P.C.
252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210
HIAWATHA TRAILS SENIOR APARTMENTS

DATE: 03/07/2021



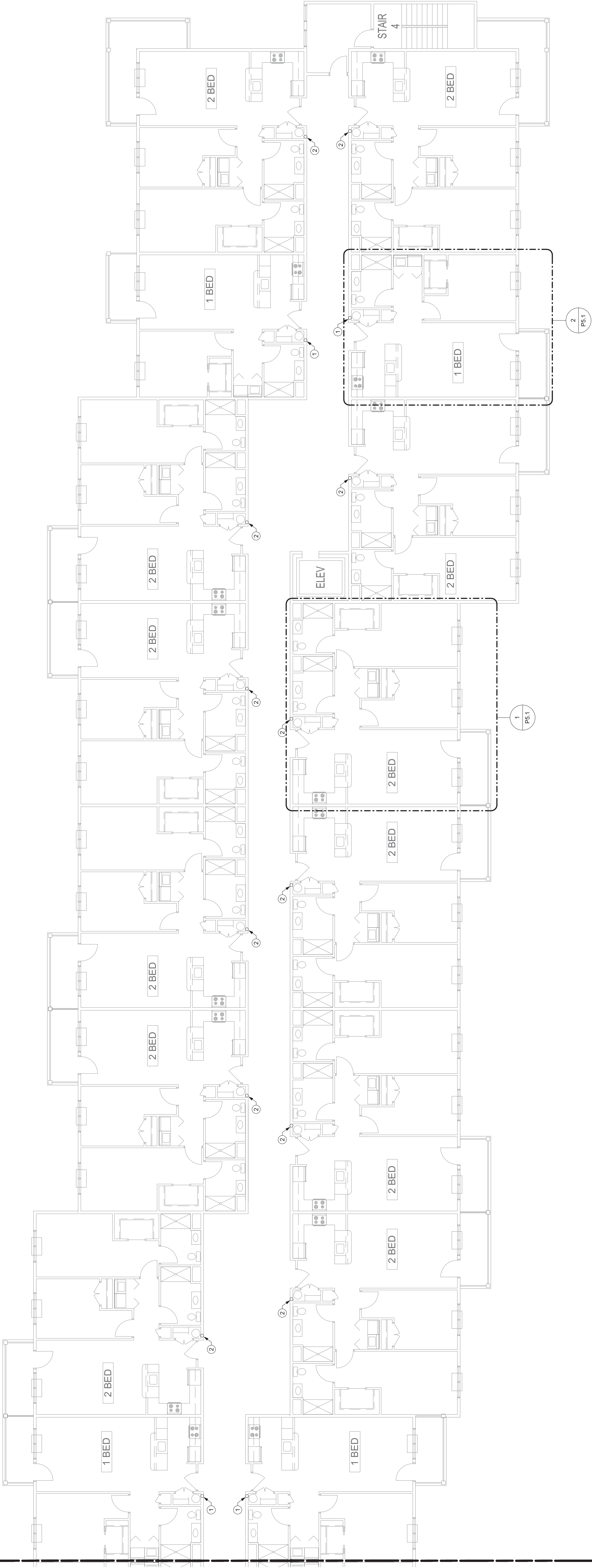
FIRST FLOOR PLUMBING PLAN - AREA B

P2.2

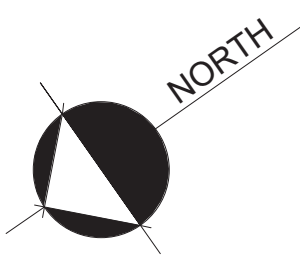
P2.3 DRAWING NOTES

- 1
- 1-1/4" CW UP FROM BELOW, 3/4" CW INTO UNIT, 1" UP TO 2ND FL 1 BED UNITS. SEE ENLARGED PLANS P5.1.
- 2
- 1-1/2" CW UP FROM BELOW, 3/4" CW INTO UNIT, 1-1/4" UP TO 2ND FL 2 BED UNITS. SEE ENLARGED PLANS P5.1.

MATCHLINE TO DWG P2.2



MATCHLINE TO DWG P2.2



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

ISSUED FOR PERMITTING 4/22/2021

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200 WEST 10TH STREET, SUITE 200
ALBANY, NY 12210
518.263.1111

PROJECT NO. 200353

DESIGNED BY: MAC

DRAWN BY: MAC

CHECKED BY: MAC

SCALE 1/8" = 1'-0"

HARRIS A. SANDERS
ARCHITECTS, P.C.
252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210

HIAWATHA TRAILS SENIOR APARTMENTS

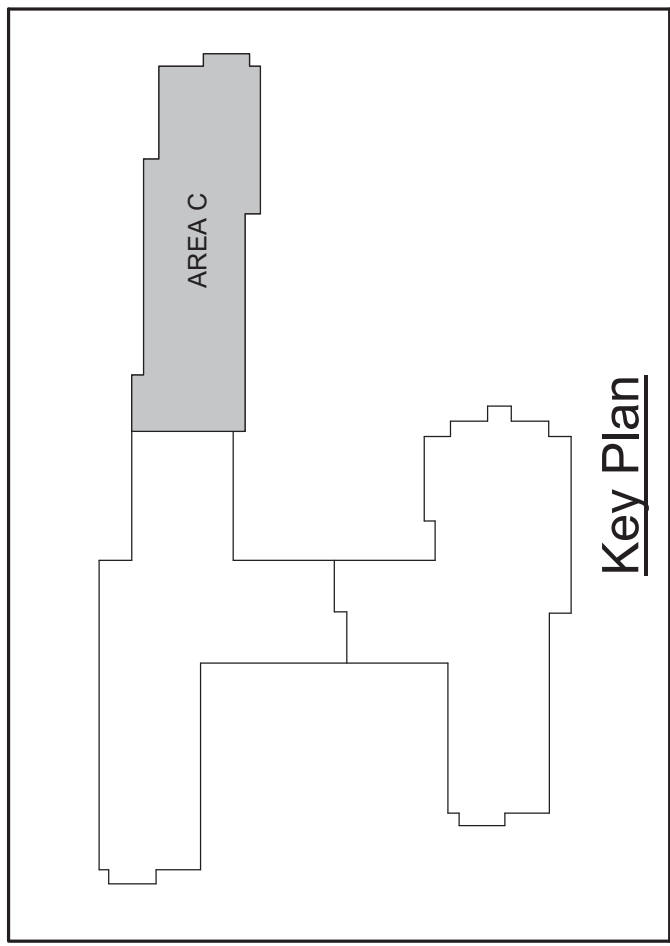
FIRST FLOOR PLUMBING PLAN - AREA C

STATE OF NEW YORK
JULIAN A. GURMAN
LICENSED PROFESSIONAL ENGINEER
027881

DATE: 03/07/2021

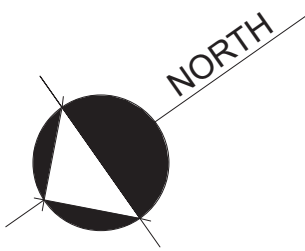
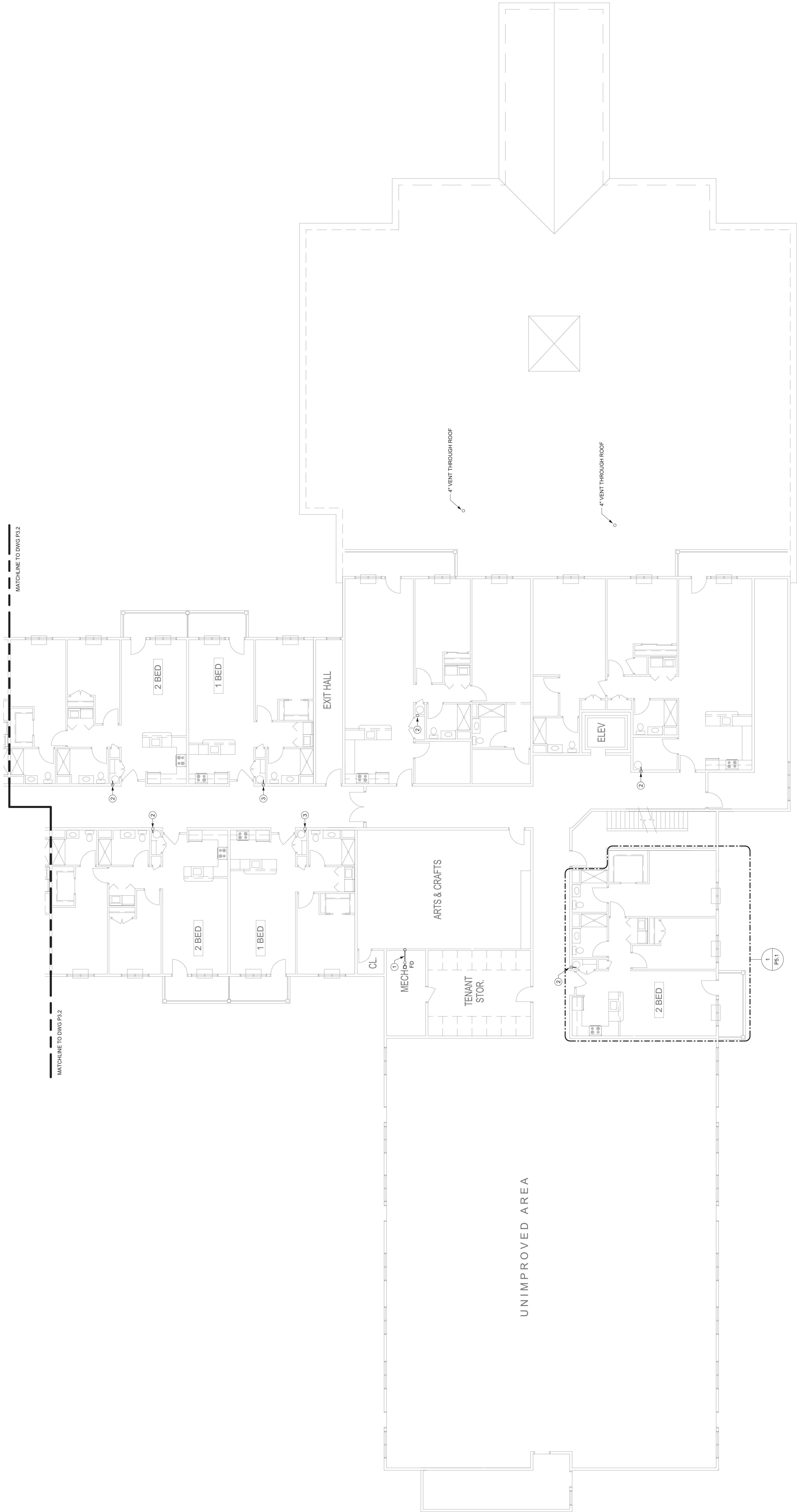
1 OF 16

P2.3



P3.1 DRAWING NOTES

1. 2" P-TRAP UP TO FLOOR DRAIN. 2" WASTE STACK UP TO FLOOR DRAINS ABOVE.
2. 1-1/4" CW UP FROM BELOW. 3/4" CW INTO UNIT. 1" UP TO 3RD FL. 2 BED UNITS. SEE ENLARGED PLANS P5.1.
3. 1-1/4" CW UP FROM BELOW. 3/4" CW INTO UNIT. 3/4" UP TO 3RD FL. 1 BED UNITS. SEE ENLARGED PLANS P5.1.



SECOND FLOOR PLUMBING PLAN — AREA A
SCALE: 1/8" = 1'-0"



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PROJECT NO.: 202055
DESIGNED BY: MC
DRAWN BY: AJS
CHECKED BY: CHS
SCALE: 1/8" = 1'-0"

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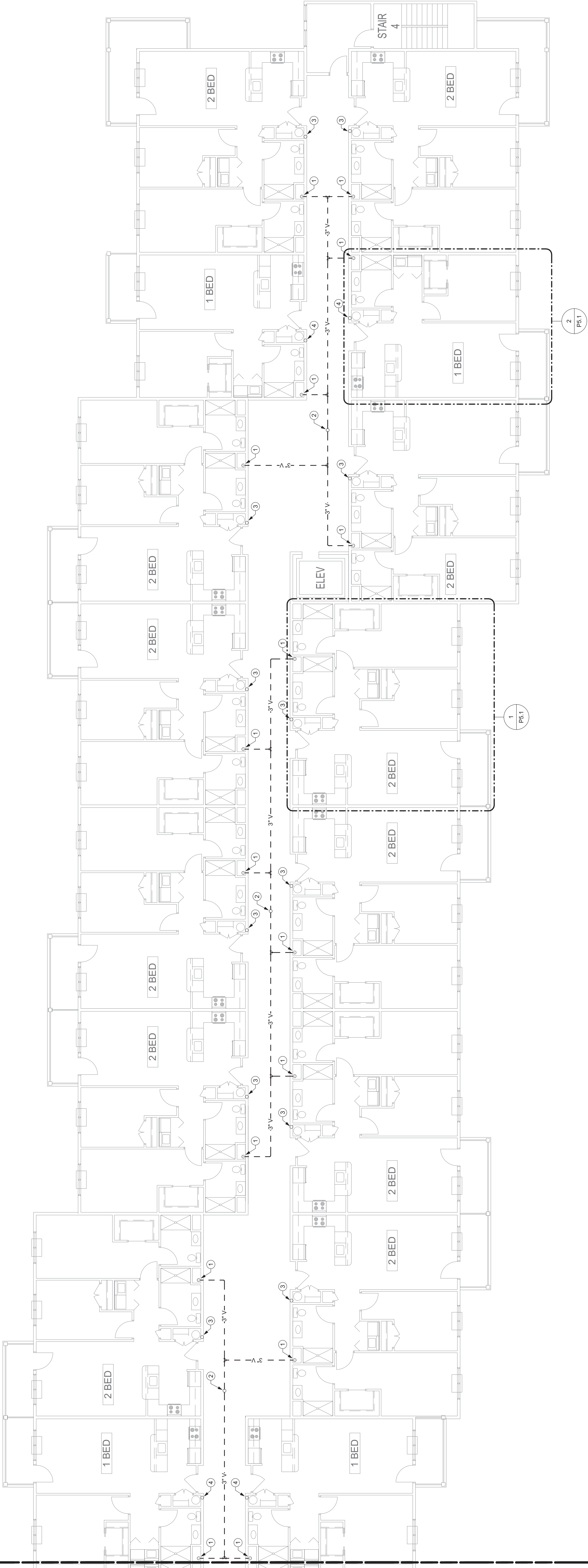
SECOND FLOOR PLUMBING PLAN - AREA A

P3.1

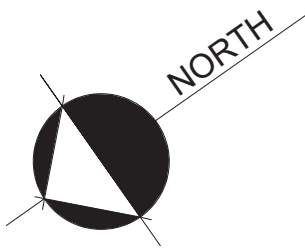
P3.3 DRAWING NOTES

- 1. 3" VENT UP FROM BELOW.
- 2. 4" VENT UP THROUGH ROOF.
- 3. 1" CW UP FROM BELOW, 3/4" CW INTO UNIT. SEE ENLARGED PLANS P5.1.
- 4. 3/4" CW UP FROM BELOW, 3/4" CW INTO UNIT. SEE ENLARGED PLANS P5.1.

MATCHLINE TO DWG P5.2



MATCHLINE TO DWG P5.2



SECOND FLOOR PLUMBING PLAN — AREA C
SCALE: 1/8" = 1'-0"



PROJECT NO. 200353
DESIGNED BY: MJC
DRAWN BY: MJC
CHECKED BY: MJC
SCALE: 1/8" = 1'-0"
HARRIS A. SANDERS
ARCHITECTS, P.C.
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HIAWATHA TRAILS SENIOR APARTMENTS

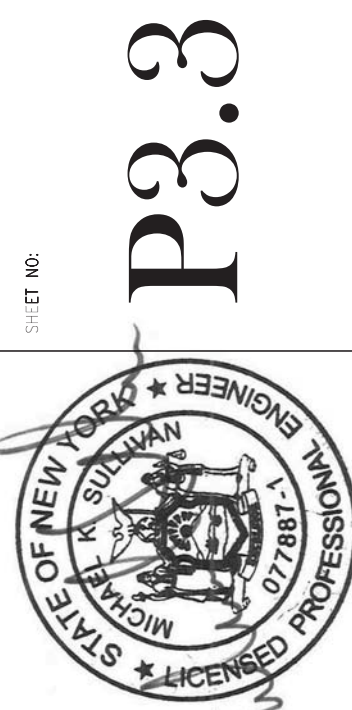


SECOND FLOOR PLUMBING PLAN - AREA C

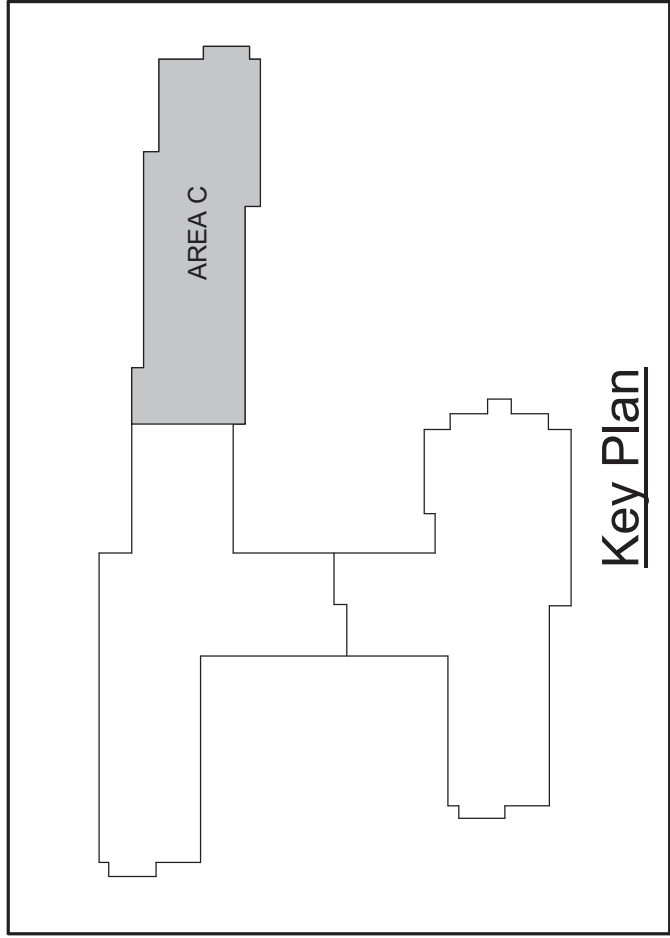
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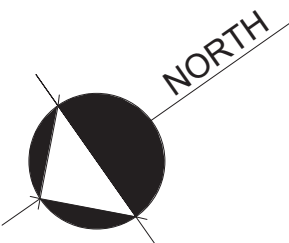
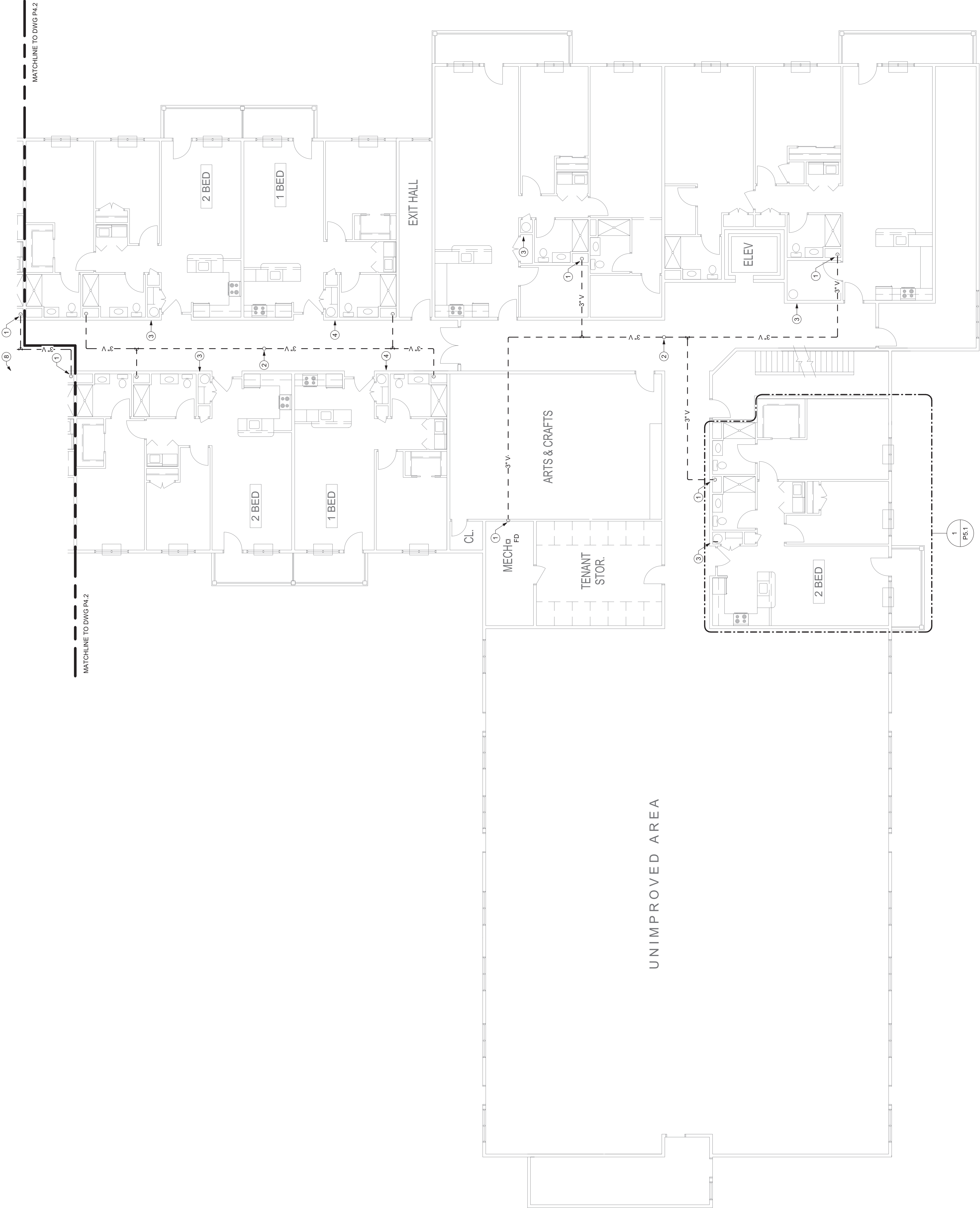


P3.3



P4.1 DRAWING NOTES

- 1. 3" VENT UP FROM BELOW.
- 2. 4" VENT UP THROUGH ROOF. TERMINATE 18" ABOVE ROOF LEVEL.
- 3. 1" CW UP FROM BELOW. 3/4" CW INTO UNIT. SEE ENLARGED PLANS P5.1.
- 4. 3/4" CW UP FROM BELOW. 3/4" CW INTO UNIT. SEE ENLARGED PLANS P5.1.



THIRD FLOOR PLUMBING PLAN — AREA A
SCALE: 1/8" = 1'-0"



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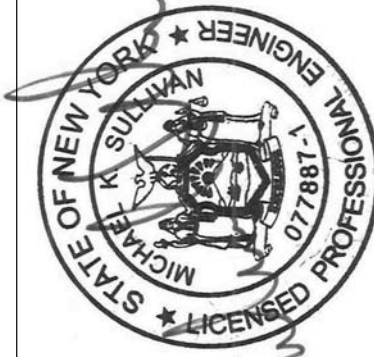
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THIRD FLOOR PLUMBING PLAN - AREA A

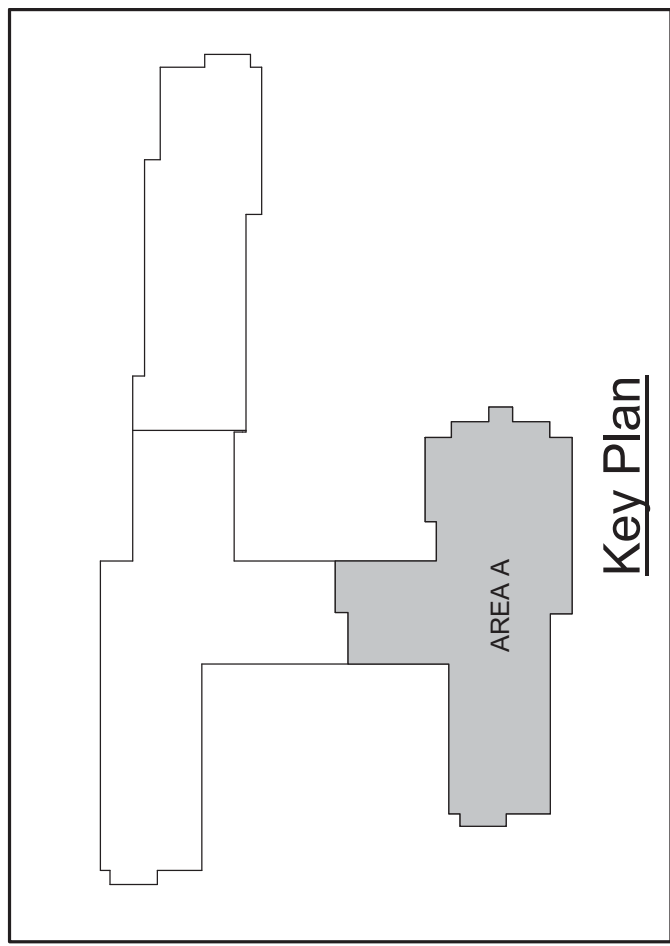
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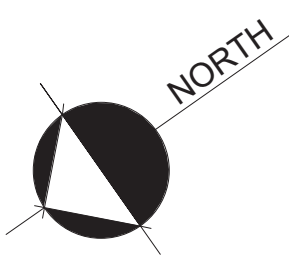
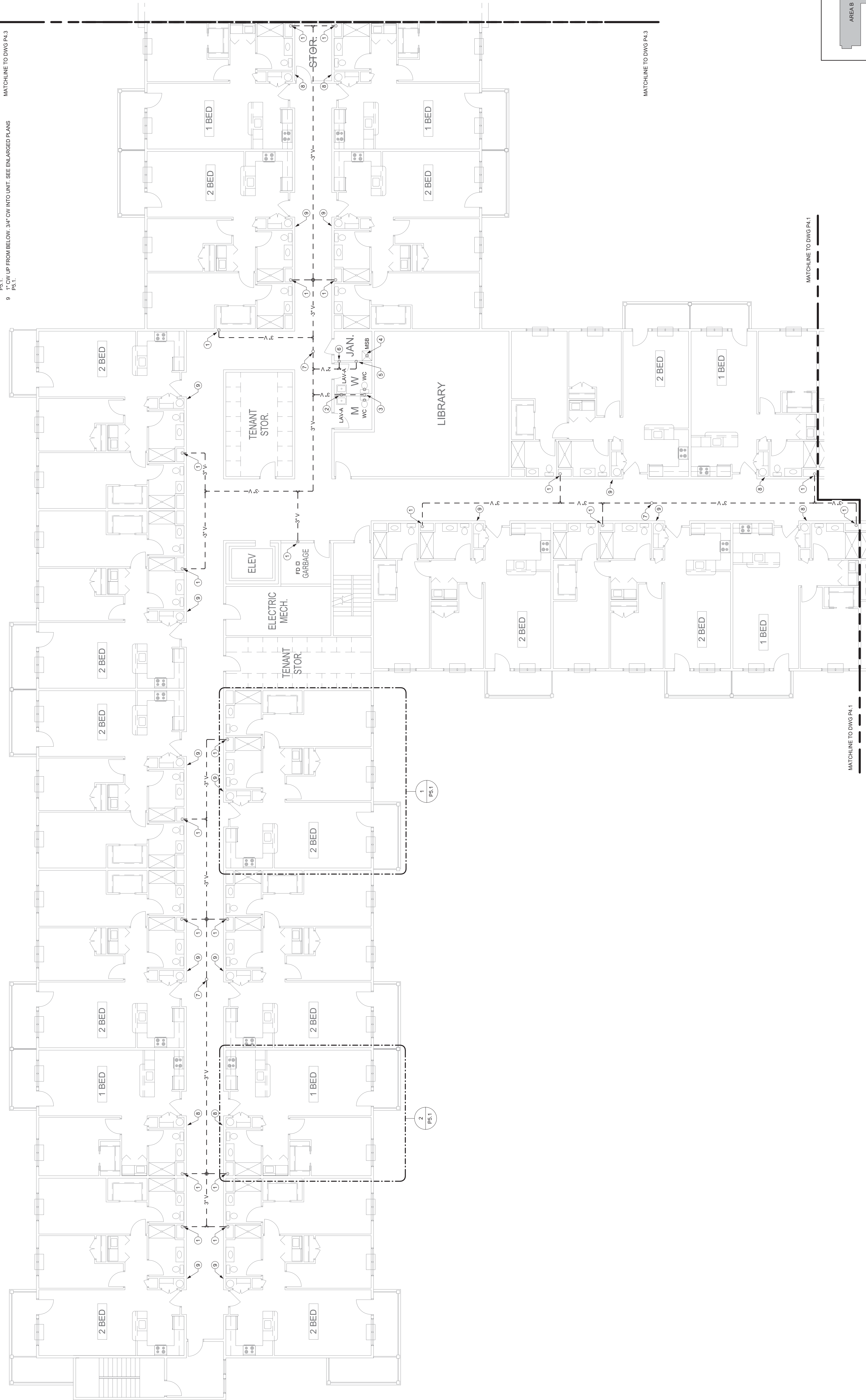


P4.1



P4.2 DRAWING NOTES

1. 3" VENT UP FROM BELOW.
2. 2" WASTE DOWN, 2" VENT UP, 1-1/2" WASTE TO LAVATORIES.
3. 3" SANITARY UP TO TOILET, 3" VENT STACK UP.
4. 1/2" TRAP UP TO MOP SINK.
5. 2" VENT UP.
6. 3" WASTE UP AND DOWN FOR MOP SINK STACK.
7. 4" VENT UP THROUGH ROOF. TERMINATE 18" ABOVE ROOF LEVEL.
8. 3/4" CW UP FROM BELOW, 3/4" CW INTO UNIT. SEE ENLARGED PLANS.
9. 1" CW UP FROM BELOW, 3/4" CW INTO UNIT. SEE ENLARGED PLANS.



THIRD FLOOR PLUMBING PLAN — AREA B
SCALE: 1/8" = 1'-0"





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THIRD FLOOR PLUMBING PLAN - AREA B

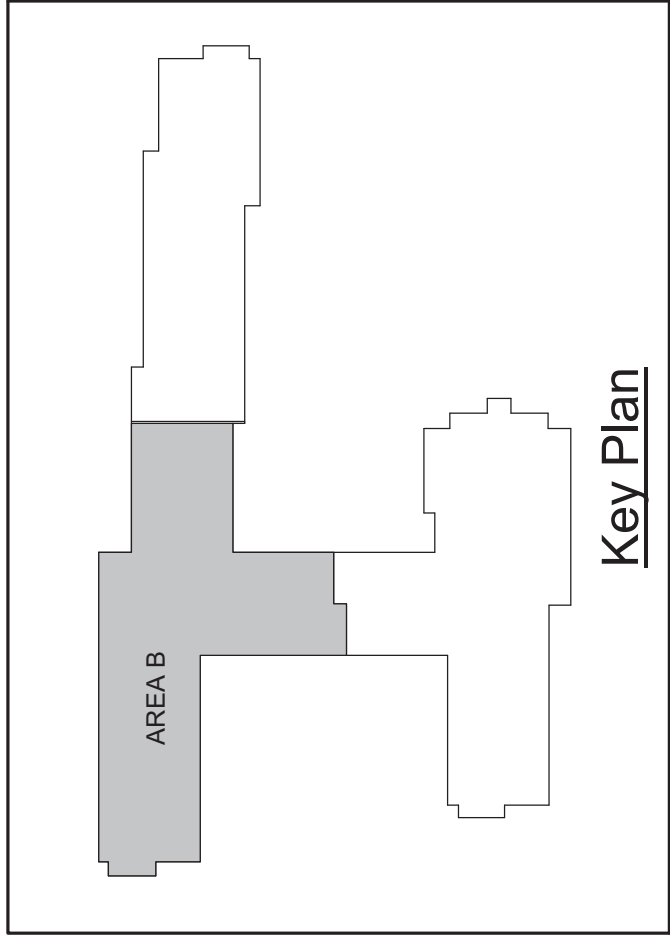
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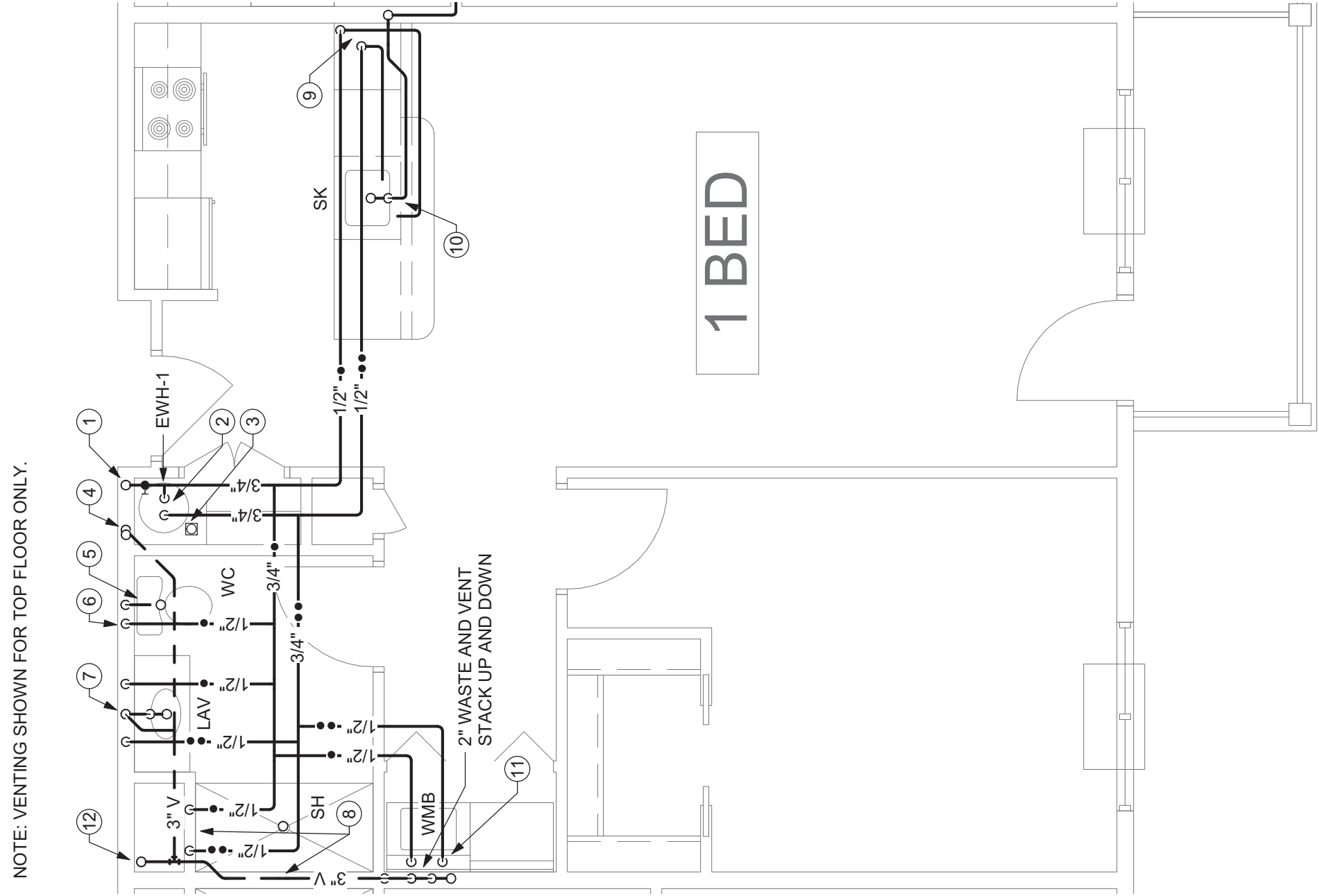


P4.2

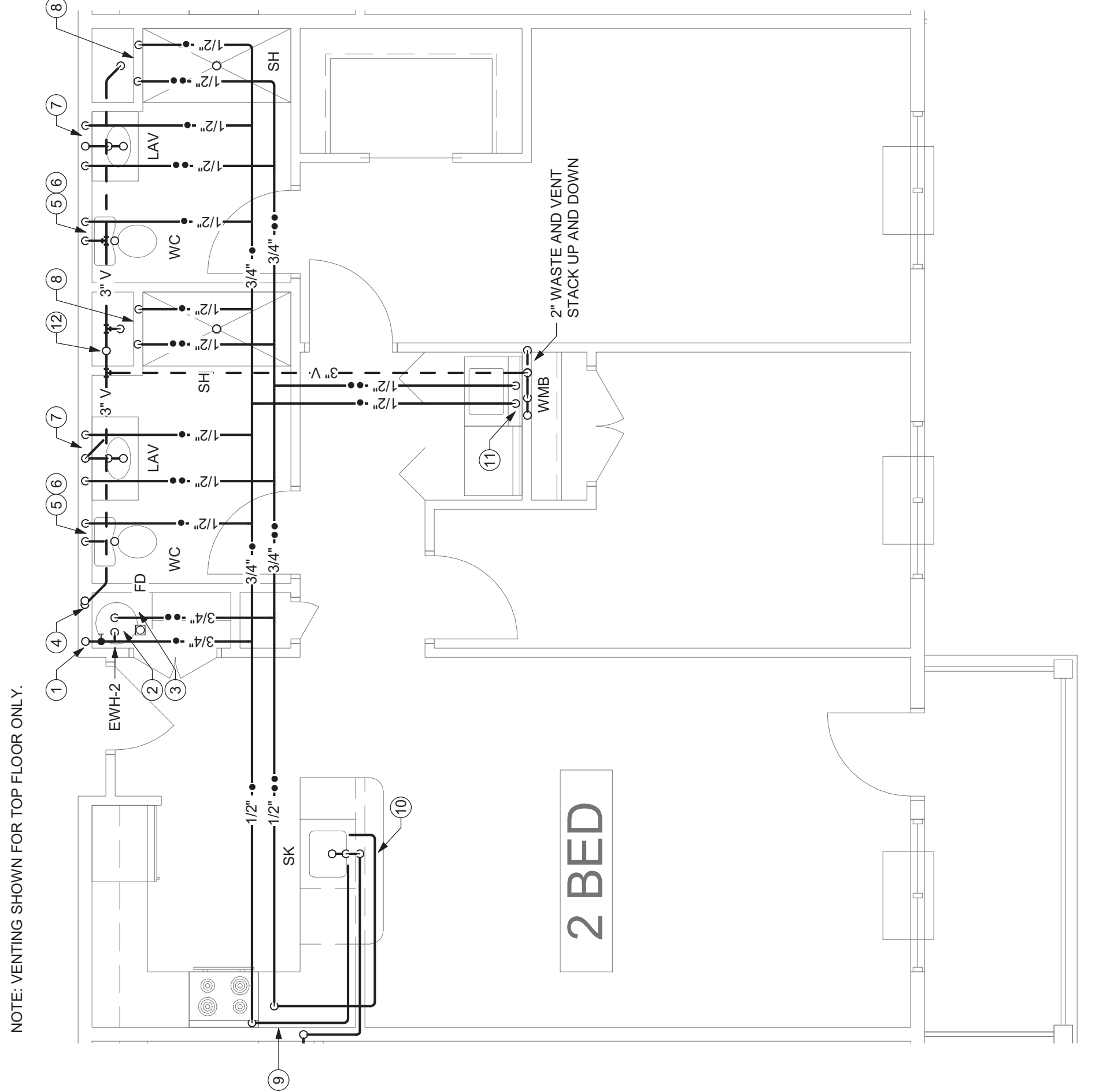


PS.1 DRAWING NOTES

1. COLD WATER MAIN UP AND DOWN. PROVIDE 3/4" CW FEED INTO APARTMENT WITH BALL SERVICE. SEE DETAIL 6PR.1.
2. FLOOR DRAIN. PROVIDE WATER HEATER PAN AND PIPE DRAIN TO FLOOR DRAIN. PROVIDE 1/2" CW DRAIN IN WALL TO FLOOR DRAIN.
3. SANITARY UP TO TOILET. 3" SANITARY STACK UP TO TOILETS ABOVE.
4. 1/2" CW DRAIN IN WALL TO TOILET.
5. 1/2" CW, 1/2" HW DRAIN IN WALL. 1-1/2" WASTE TO LAVATORY. 2" WASTE UP AND DOWN.
6. 1/2" CW, 1/2" HW DRAIN IN WALL TO SHOWER MIX VALVE. 2" WASTE FROM SHOWER TO 2" WASTE STACK UP AND DOWN.
7. 1/2" CW, 1/2" HW DRAIN IN WALL. 1-1/2" WASTE TO SINK. 2" WASTE UP AND DOWN. PIPING SHOWN OFFSET FOR CLARITY. ROUTE PIPING WITHIN WALLS.
8. 1/2" CW, 1/2" HW DRAIN IN WALL TO SINK. PROVIDE AIR ADMITTANCE VALVE ON 1-1/2" WASTE AS HIGH AS POSSIBLE UNDER SINK CABINET.
9. 1/2" CW, 1/2" HW DRAIN IN WALL TO WASHING MACHINE BOX. 2" P-TRAP FROM 2" WASTE STACK TO WASHING MACHINE BOX. 2" VENT STACK UP AND DOWN. SEE DETAILS P5.1.1, P5.1.2 AND P5.1.3 FOR VENT THROUGH ROOF. OR SEE TOP FLOOR PLAN FOR ALTERNATIVE VENTING PLAN.
10. 1/2" CW, 1/2" HW DRAIN IN WALL. 1-1/2" WASTE TO SINK. 2" WASTE UP AND DOWN. PIPING SHOWN OFFSET FOR CLARITY. ROUTE PIPING WITHIN WALLS.
11. 1/2" CW, 1/2" HW DRAIN IN WALL TO WASHING MACHINE BOX. 2" P-TRAP FROM 2" WASTE STACK TO WASHING MACHINE BOX. 2" VENT STACK UP AND DOWN. SEE DETAILS P5.1.1, P5.1.2 AND P5.1.3 FOR VENT THROUGH ROOF. OR SEE TOP FLOOR PLAN FOR ALTERNATIVE VENTING PLAN.
12. 1/2" CW, 1/2" HW DRAIN IN WALL. 1-1/2" WASTE TO SINK. 2" WASTE UP AND DOWN. PIPING SHOWN OFFSET FOR CLARITY. ROUTE PIPING WITHIN WALLS.



2 Enlarged View - 1 BR - MASTER
1/4" = 1'-0"



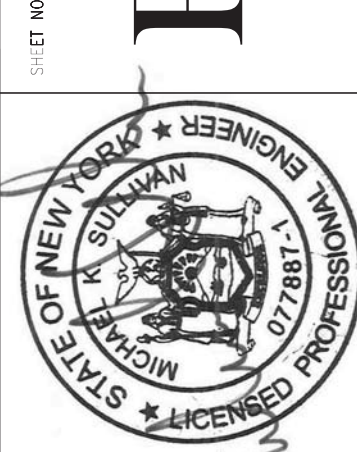
1 Enlarged View - 2 BR - MASTER
1/4" = 1'-0"

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ENLARGED UNIT PLANS

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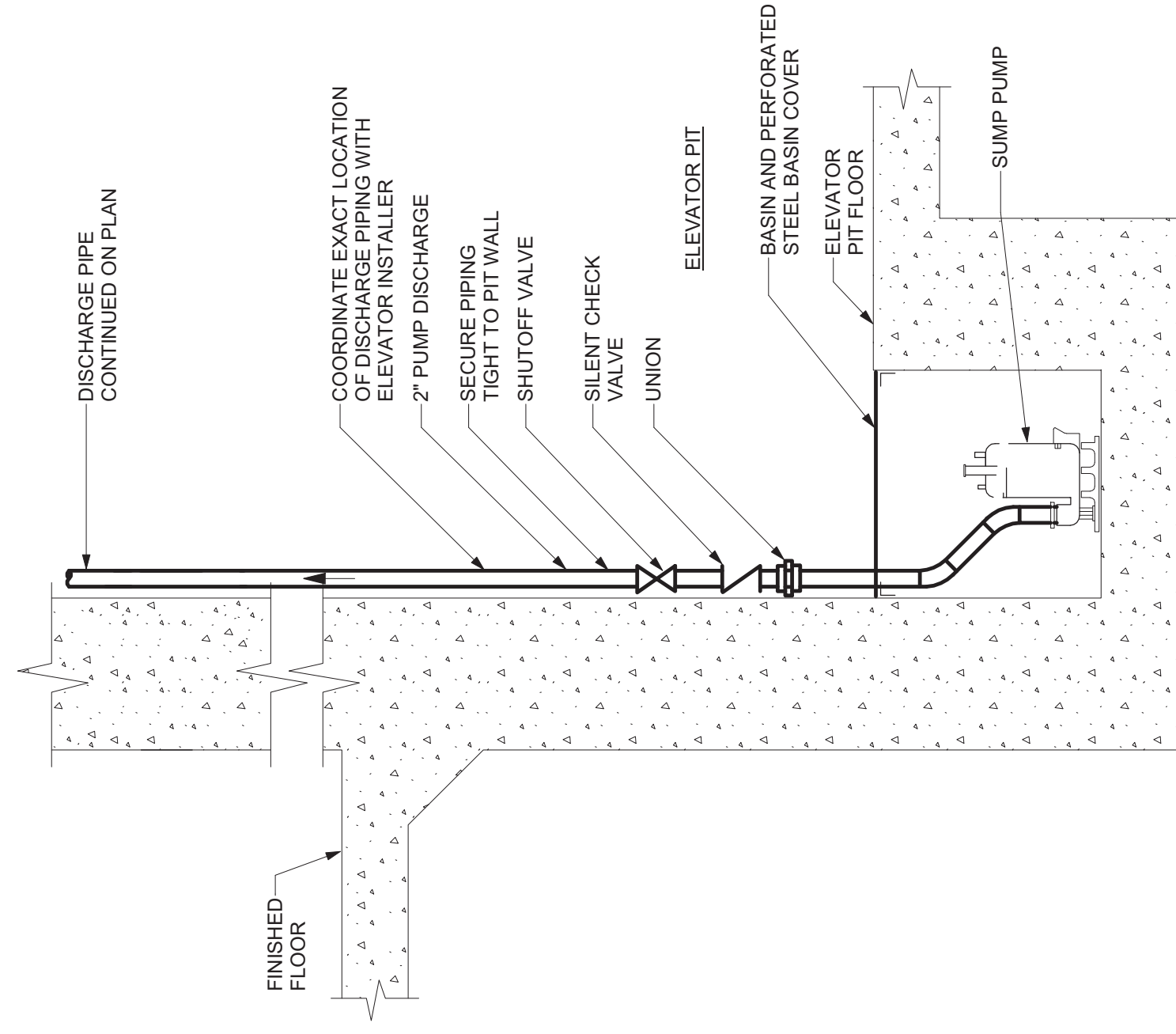
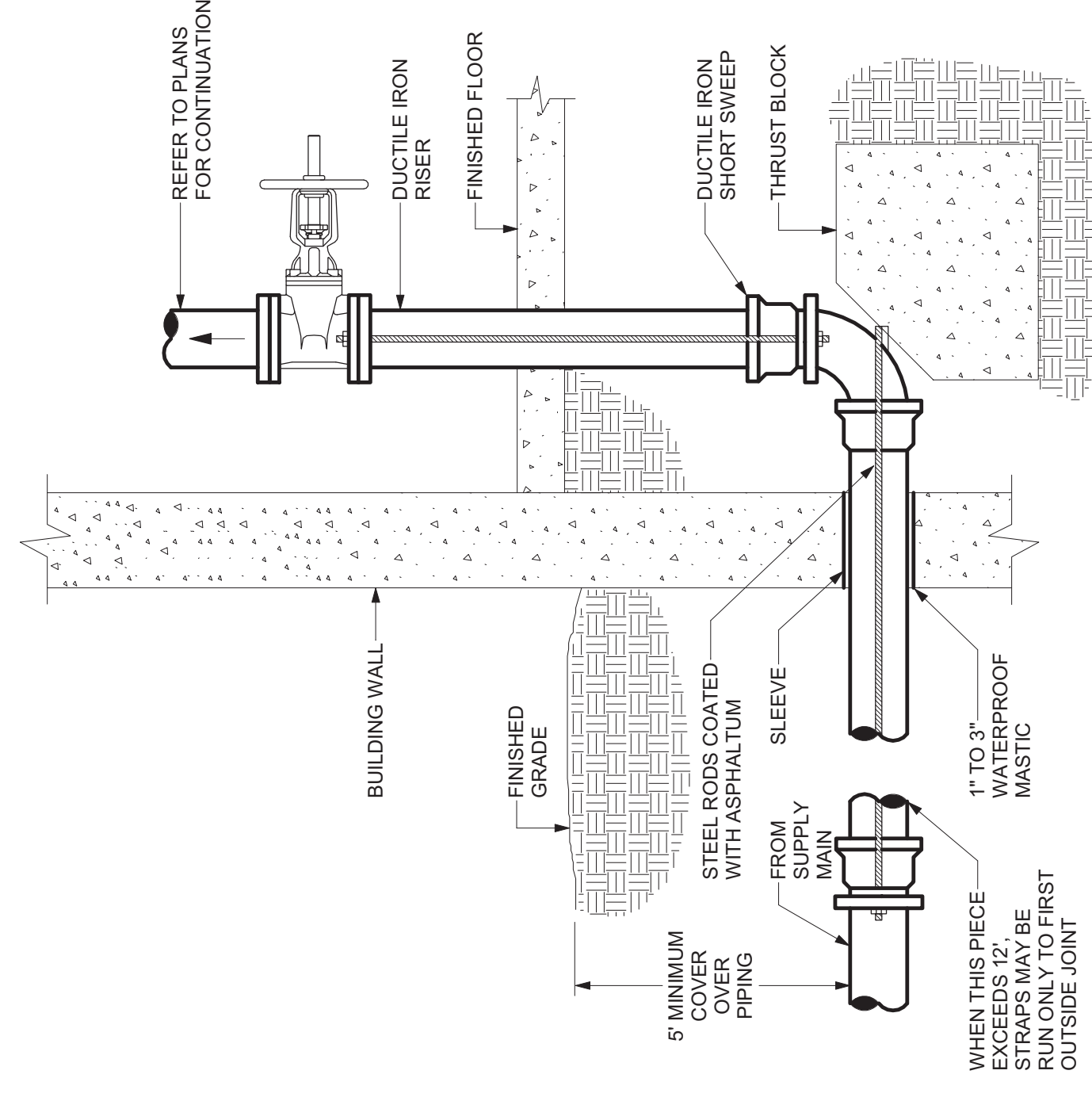
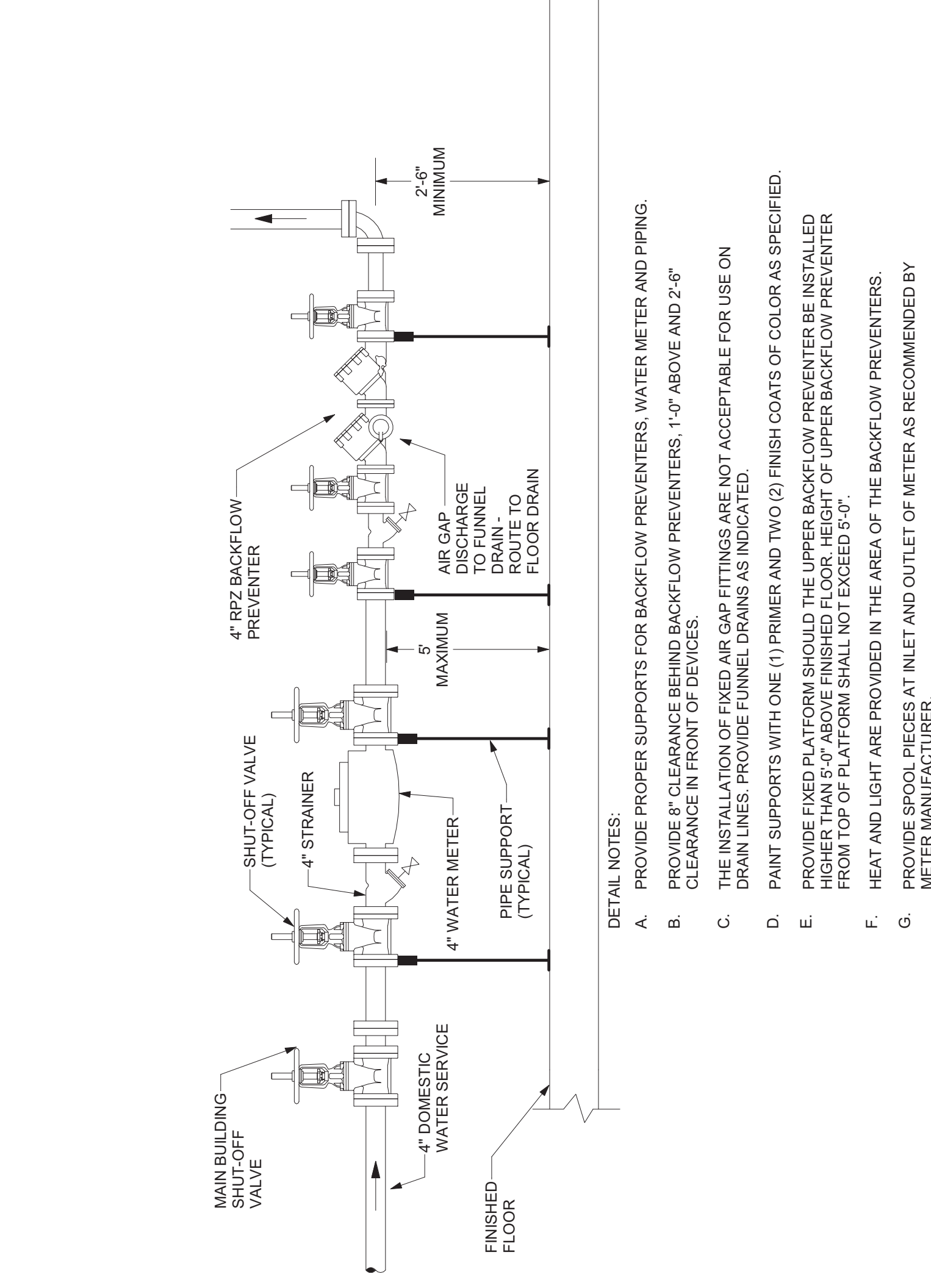
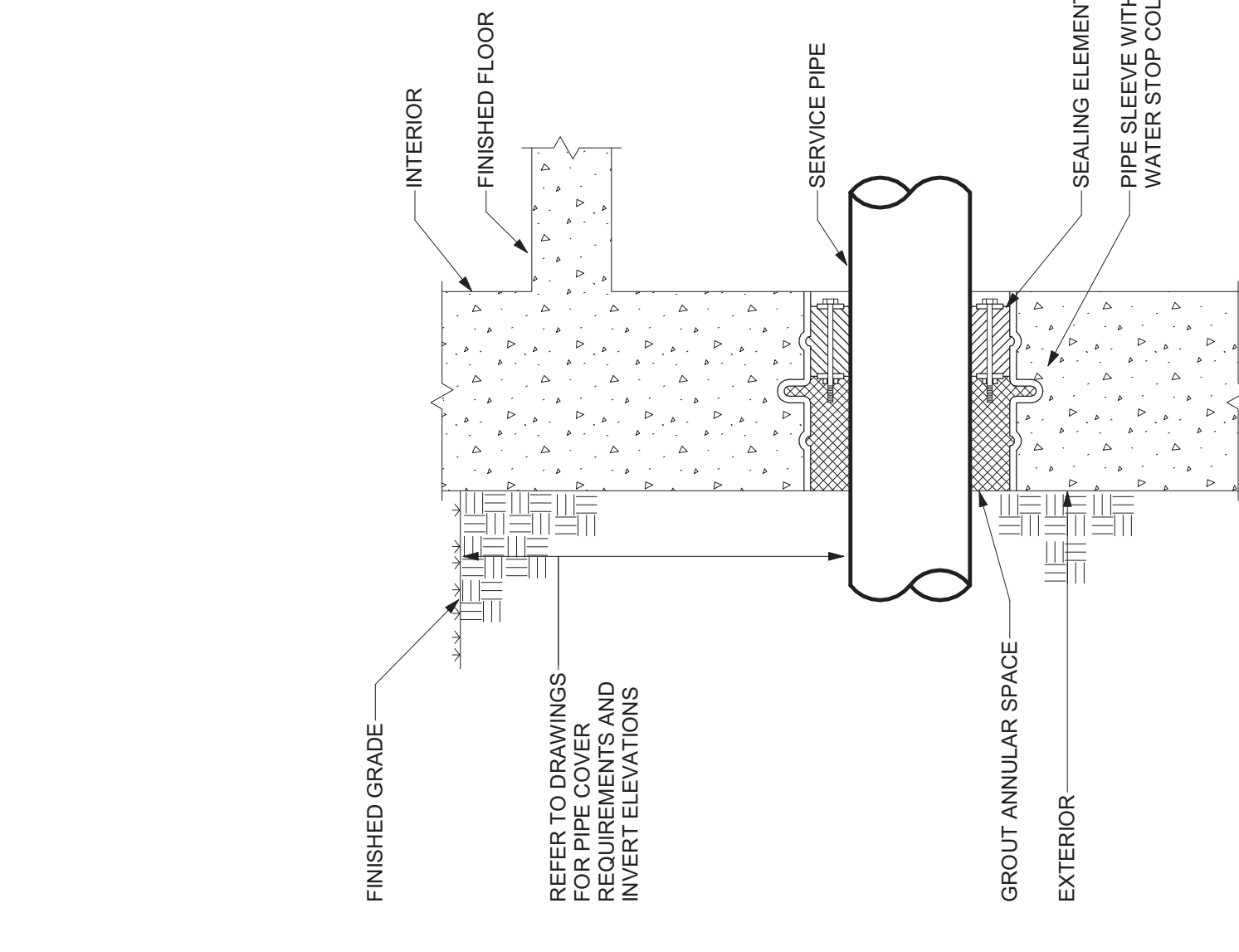
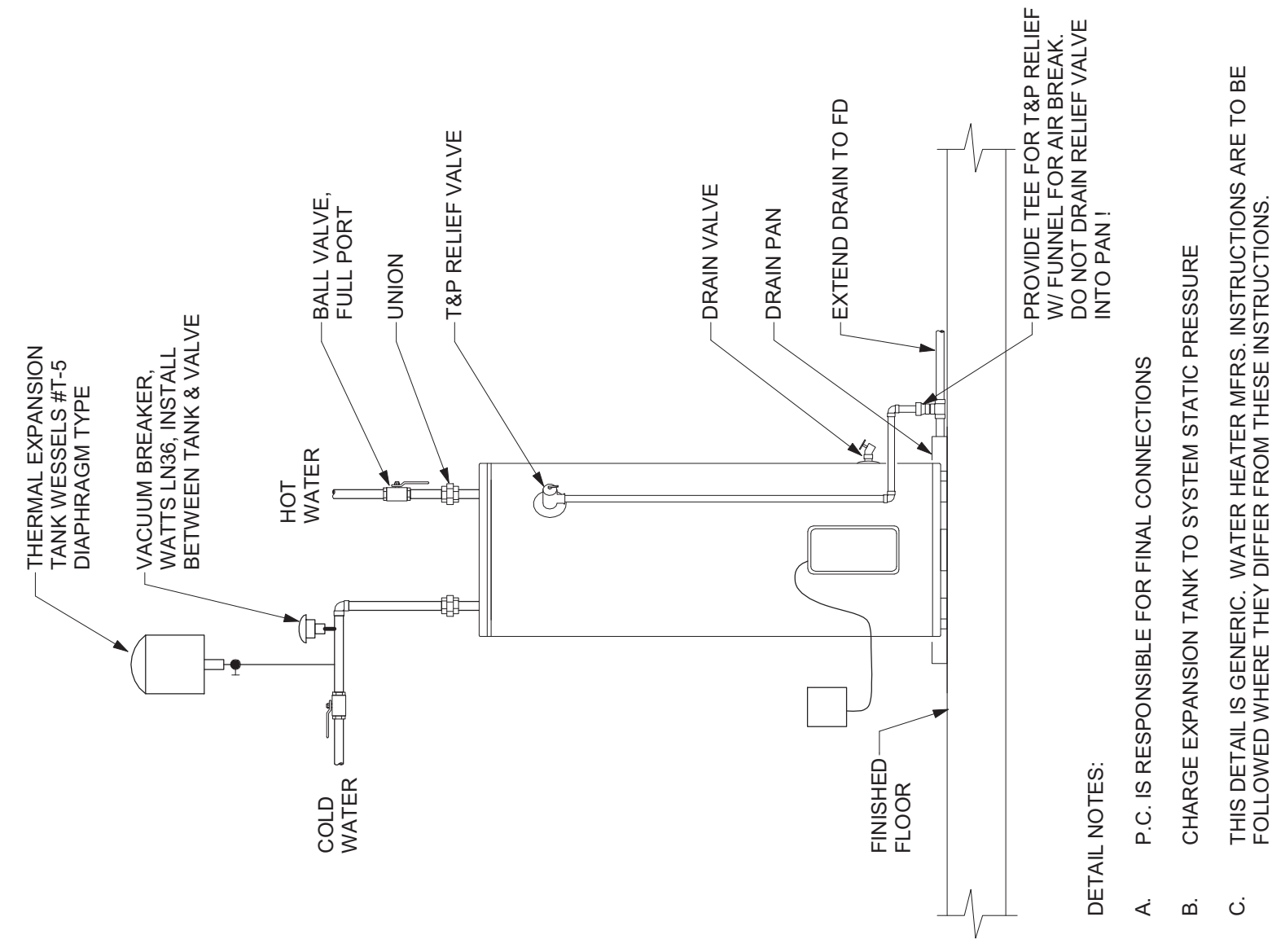
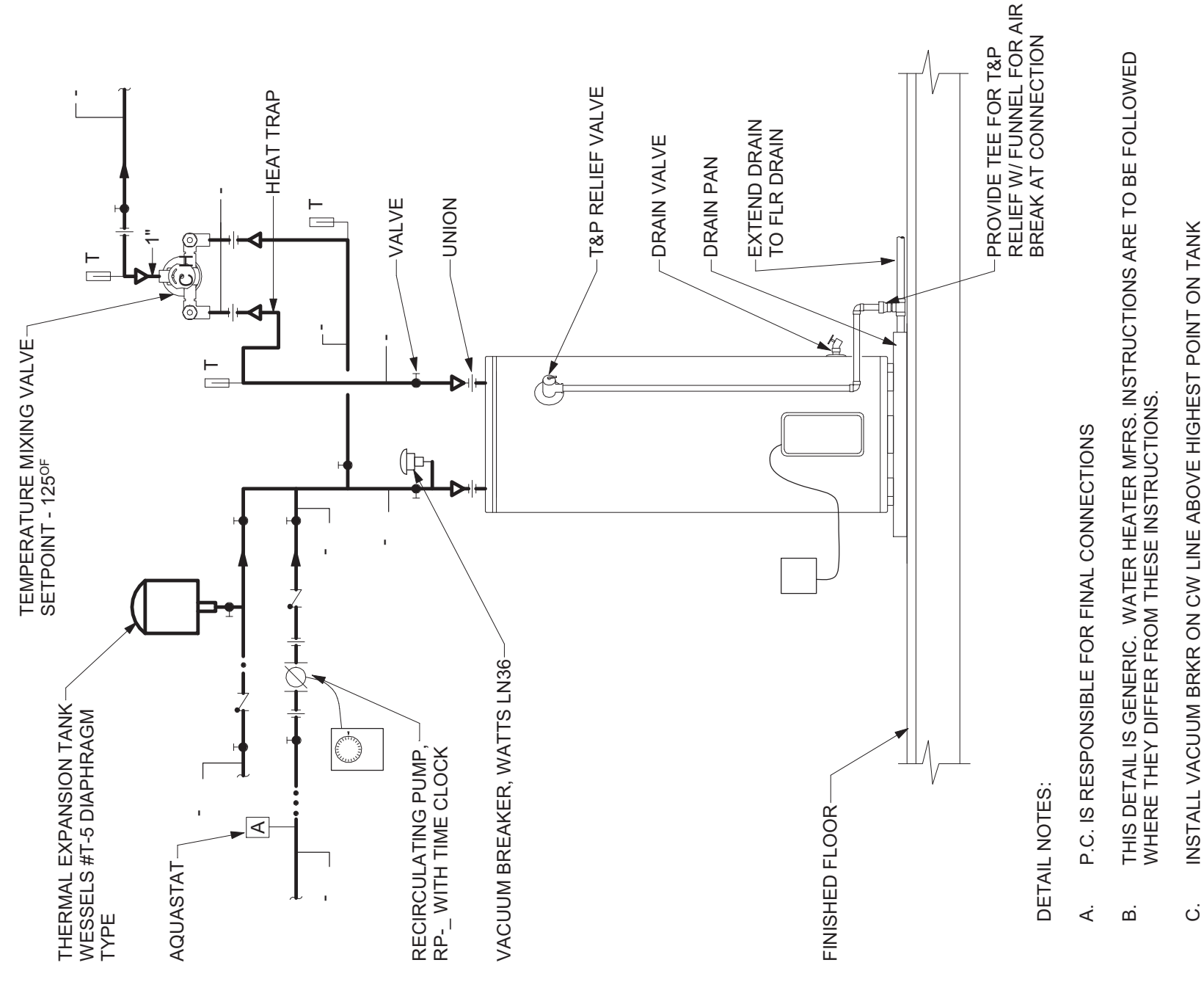
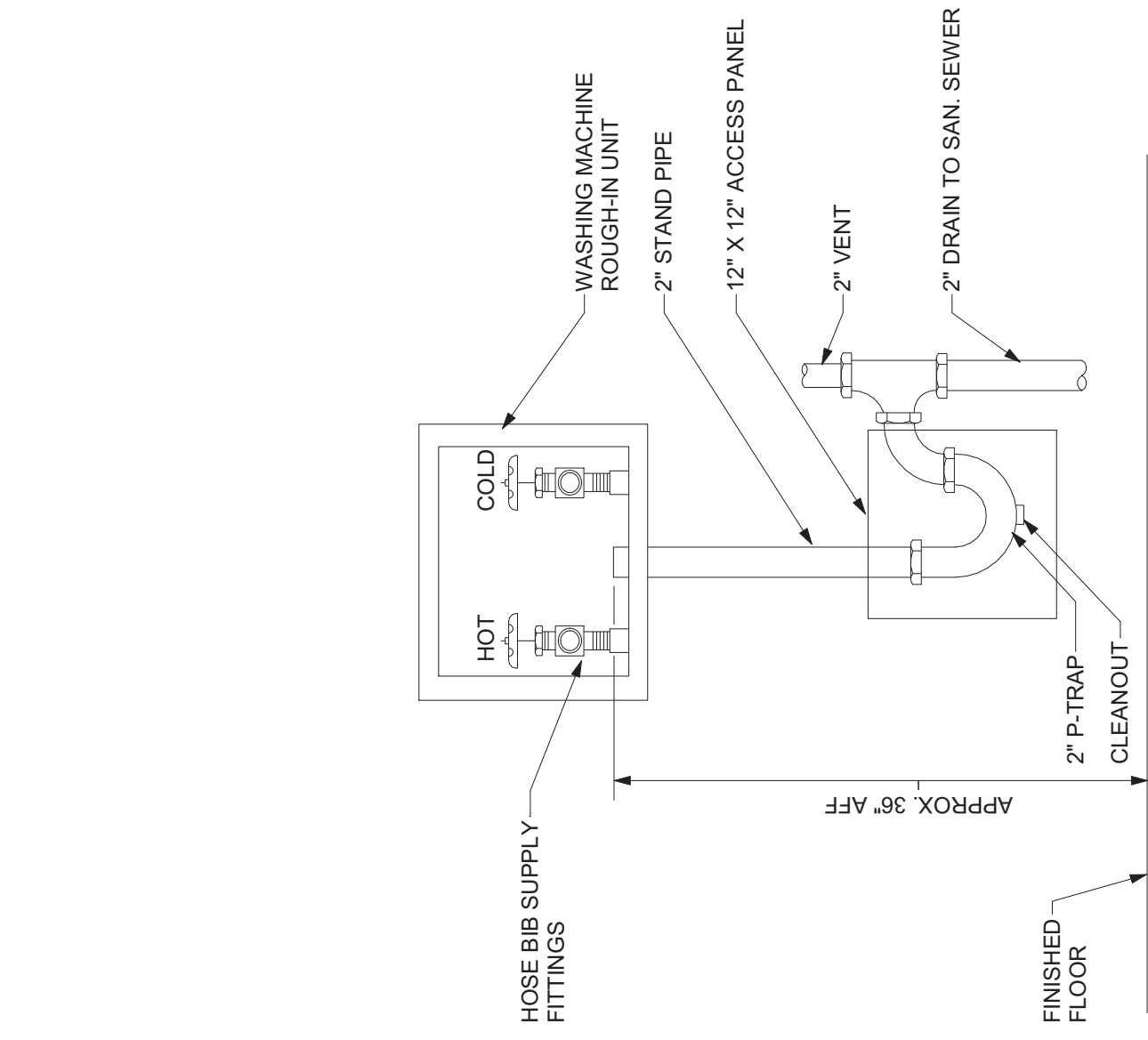
PROJECT NO.: 200355
DESIGNED BY: MJC
DRAWN BY: MJC
CHECKED BY: MJC
SCALE: 1/4" = 1'-0"



DATE: 03/07/2021

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P5.1



[illegible]

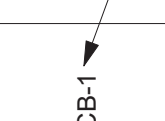
ABBREVIATIONS	
ABBREV.	DESCRIPTION
A	AMPERE
AC	MOUNTED ABOVE COUNTER HEIGHT
AFF	ABOVE FINISHED FLOOR
AF-G	ABOVE FINISHED GRADE
AC	AMPERE INTERRUPTING CURRENT
AL	ALUMINUM
AL	ADJUSTABLE SPEED DRIVE
ASD	AUTOMATIC TRANSFER SWITCH
ATS	AUDIO VISUAL
AV	AMERICAN WIRE GAUGE
AWG	CONDUIT
C	COPPER
CU	ELECTRICAL CONTRACTOR/TRADE
EC	FIRE ALARM CONTROL PANEL
FACP	GROUND
G	GENERAL CONTRACTOR/TRADE
GC	GENERATOR
GEN	GROUND FAULT CIRCUIT INTERRUPTER
GF/GFCI	HAND HOLE
HH	HORSE POWER
HP	HEATING, VENTILATION & AIR CONDITIONING
HVAC	CONTRACTOR/TRADE
J	JUNCTION BOX
JB	KILOVOLT
KV	KILOVOLT-AMPERES
KVA	KILOWATT
KW	LIGHT EMITTING DIODE
LED	MAIN CIRCUIT BREAKER
MCB	MAN LUG ONLY
MLO	MANUAL TRANSFER SWITCH
MTS	NOT APPLICABLE
NA	NORMALLY CLOSED
NC	NATIONAL ELECTRIC CODE
NEC	NOT IN CONTRACT
NIC	NIGHT LIGHT
NL	NOT TO SCALE
NTS	POLE
P	SURFACE METAL RACEWAY
SMR	SPECIFICATION
SPEC	TYPICAL
TP	MOUNTED UNDER COUNTER HEIGHT
UC	UNDERWRITER'S LABORATORY
UL	VOLT
V	WIRE/WATT
W	WEATHERPROOF
WP	

BASIC MATERIALS AND METHODS	
(E)	EXISTING TO REMAIN - INDICATES EXISTING MATERIALS TO REMAIN WITHOUT ANY ELECTRICAL CONNECTIONS UNLESS OTHERWISE NOTED.
(ER)	EXISTING TO BE RELOCATED - INDICATES EXISTING ITEM SHALL BE RELOCATED. AT NEW LOCATION AND RECONNECT ITEM AS REQUIRED.
	EXISTING ELECTRICAL WIRING EQUIPMENT TO BE REMOVED OR RELOCATED
	EXISTING ELECTRICAL WIRING EQUIPMENT OR SOLID LIGHT IS EXISTING TO REMAIN
	HEAVY SOLID IS NEW
	REFERENCE TO DRAWING NOTE
	REFERENCE TO REMOVAL NOTE
	KITCHEN EQUIPMENT TAG
	JUNCTION BOX
	SPECIAL PURPOSE RECEPTACLE - PROVIDE PROPER VOLTAGE, CLASS, CURRENT RATING AND NEMA AND/OR MATCH CAP ON EQUIPMENT BEING FURNISHED BY OTHERS. PROVIDE CORD AND CAP.
	DUPLEX RECEPTACLE 20 AMP, 125 VOLT SUBSCRIPTS INDICATE TYPE
	AC - ABOVE THE COUNTER
	WP - WEATHER PROOF
	GFI - GROUND FAULT INTERRUPTER
	USB - UNIVERSAL SERIAL BUS
	QUAD RECEPTACLE 20 AMP, 125 VOLT
	TOGGLE SWITCH, VOLTAGE AS INDICATED ON FIXTURE SCHEDULE, SUBSCRIPTS INDICATE TYPE
	3 - THREE WAY SWITCH
	4 - FOUR WAY SWITCH
	K - KEYED SWITCH
	LV - LOW VOLTAGE, MOMENTARY CONTACT
	VS - VACUANCY SENSOR
	a-b-c - SWITCHING DESIGNATIONS NUMBER OF LETTERS EQUALS NO. OF GANGED SWITCHES
	CEILING MOUNTED VACUANCY SENSOR
	CEILING MOUNTED OCCUPANCY SENSOR
	FLUSH POKE THROUGH FLOOR MOUNTED COMBINATION OF SCHEDULE, SUBSCRIPT INDICATES TYPE (REFER TO SPECIFICATIONS)
	DIMMER WITH ON/OFF SWITCH
	EMERGENCY POWER OFF BUTTON
	POWER POLE - SUBSCRIPT INDICATES TYPE: D - DATA ONLY
	DUPLEX RECEPTACLE MOUNTED ON TABLE
	POWER CORD REEL
	TIME CLOCK
	ELECTRIC STRIME (PROVIDED BY OTHERS)

FIRE ALARM		SMOKE DETECTOR, SUBSCRIPT INDICATES TYPE:
S	E	FIRE ELEVATOR RECALL
M		FIRE ALARM MODULE
R		FIRE ALARM RELAY
E	15	WALL MOUNTED COMBINATION HORN AND STROBE
	W	# INDICATES STROBE CANDELA
F	15	WALL MOUNTED STROBE ONLY
	W	# INDICATES STROBE CANDELA
C	15	WALL MOUNTED CARBON MONOXIDE COMBINATION
	W	HORN AND STROBE
		# INDICATES STROBE CANDELA
FACP		FIRE ALARM CONTROL PANEL
TRSP		FIRE ALARM TRANSDUCER PANEL
PACP		FIRE ALARM ANNUNCIATION PANEL
DH		DOOR HOLDER

POWER DISTRIBUTION AND CONTROL	
	TRANSFORMER
	208V/120V VOLT PANELBOARD
	EXISTING 208V/120 VOLT PANELBOARD
	400V/277 VOLT DISTRIBUTION PANEL
	NON-FUSED DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	MANUAL MOTOR STARTER
	COMBINATION MAGNETIC STARTER
	EQUIPMENT CONNECTION. REFER TO ELECTRIC SCHEDULE FOR DESCRIPTION. LETTERS AND NUMBERS INDICATE ITEM DESIGNATION ON THE SCHEDULE.
	SINGLE POINT CONNECTION TO EQUIPMENT. SEE SCHEDULE FOR DESCRIPTION. LETTERS AND NUMBERS INDICATE ASSOCIATED EQUIPMENT IDENTIFIER. H - RANGE HOOD
	ENCLOSED CIRCUIT BREAKER
	MANUAL TRANSFER SWITCH

LUMINAIRES	
         	CEILING MOUNTED LUMINAIRE UPPERCASE LETTERS INDICATE FIXTURE TYPE ON LUMINAIRE SCHEDULE LOWER CASE LETTER INDICATE LIGHTING ZONE WALL MOUNTED LUMINAIRE UPPERCASE LETTERS INDICATE FIXTURE TYPE ON LUMINAIRE SCHEDULE LOWER CASE LETTER INDICATE LIGHTING ZONE SITE LIGHT UPPERCASE LETTERS INDICATE FIXTURE TYPE ON LUMINAIRE SCHEDULE LUMINAIRE PROVIDED WITH INTEGRAL 90 MINUTE BATTERY BACKUP SUBSCRIPT INDICATES TYPE: N.L. EMERGENCY LUMINAIRE ILLUMINATED AT ALL TIMES AND NOT CONTROLLED. STRIP LIGHT WALL MOUNTED EMERGENCY LUMINAIRE WITH BATTERY PACK CEILING MOUNTED EXT LUMINAIRE WALL MOUNTED EXT LUMINAIRE

ONE LINE DIAGRAM SYMBOLS	
	FUSED DISCONNECT SWITCH
	THERMAL MAGNETIC MOLDED CASE CIRCUIT BREAKER
	TRANSFORMER, SIZE AND TYPE AS INDICATED
	GROUND CONNECTION
	FEEDER DESIGNATION. REFER TO FEEDER SCHEDULE
	SURGE PROTECTIVE DEVICE
	MANUAL TRANSFER SWITCH
	GENERATOR
	PANEL BOARD SYMBOL PANEL NAME PHASE, AMPACITY, AND MLO/NCB
	SOLID STATE TRIP BREAKER

SYSTEMS	
	TELEVISION OUTLET ONLY. PROVIDE BACKBOX AND (1) CONDUIT SUBBED TO ABOVE ACCESSIBLE AND/OR QUANTITY. SUBSCRIPT INDICATES TYPE (1)-TELEPHONE (MOUNT 48" AFF). #D-QUANTITY OF DATA PORTS/CABLES. IF NO QUANTITY IS INDICATED, PROVIDE (2).
	COMBINATION POWER AND TELEDATA OUTLETS; DETAIL. SUBSCRIPT INDICATES QUANTITY: #P-QUANTITY OF DUPLEX RECEPTACLES; #D-QUANTITY OF DATA PORTS/CABLES. IF NO QUANTITY IS INDICATED, PROVIDE (2).
	FLOOR BOX; SUBSCRIPT INDICATES TYPE (REFER TO SPECIFICATIONS)
	TELEVISION OUTLET; REFER TO TYPICAL COMBINATION POWER AND TELEVISION OUTLET
	WIRELESS ACCESS POINT. PROVIDE (1) CAT5 CABLE FROM IT ROOM. (ACCESS POINT PROVIDED BY OTHERS).
	COAX OUTLET IN I-GANG BOX.
	DATA RACK.
	VIDEO PROJECTOR (MOUNT AND PROJECTOR SCREEN REFER TO TYPICAL). PROVIDE (1) FLUSH MOUNTED DATA RECEPTACLE.
	INTERCOM MASTER STATION
	PUNCH DOWN BLOCK
	COMBINATION AV/ POWER AND TELEDATA OUTLETS; REFER TO TYPICAL. PROVIDE (1) WALL BOX DETAIL. SUBSCRIPT INDICATES QUANTITY: #P-QUANTITY OF DUPLEX RECEPTACLES; #D-QUANTITY OF DATA PORTS/CABLES. IF NO QUANTITY IS INDICATED, PROVIDE (2).
	TOUCH SCREEN MONITOR (FURNISHED BY OWNER); PROVIDE (1) DUPLEX RECEPTACLE AND (1) DATA OUTLET. REFER TO TYPICAL POWER AND TELEDATA OUTLET DETAIL.
	DATA OUTLET (FURNISHED BY OWNER). PROVIDE (1) DUPLEX RECEPTACLE AND (1) DATA OUTLET WITH (2) DATA PORTS/CABLES. REFER TO TYPICAL POWER AND TELEDATA OUTLET DETAIL.
	INTERCOM SUBSTATION
	SECURITY CAMERA A - 80" WALL MOUNT B - 180" WALL MOUNT C - 180" WALL MOUNT D - 180" WALL MOUNT E - 360" CEILING MOUNT
	ACCESS CONTROL DETAIL (REFER TO TYPICAL ACCESS CONTROL DETAIL). SUBSCRIPT INDICATES TYPE: A - REFER TO ACCESS CONTROL DETAIL (TYPE A) B - REFER TO ACCESS CONTROL DETAIL (TYPE B) C - REFER TO ACCESS CONTROL DETAIL (TYPE C)

GENERAL FIRE ALARM NOTES

(APPLY TO ALL DRAWINGS)

A. THE CONTRACTOR SHALL PROVIDE A COMPLETE TEST OF THE EXISTING SYSTEM PRIOR TO MAKING MODIFICATIONS TO ASSESS THE EXISTING SYSTEM'S CAPABILITY AND TO DETERMINE WHERE POSSIBLE, THE CONTRACTOR SHALL HAVE THE OPTION TO REUSE EXISTING DEVICES, BOXES AND WIRING.

B. IN GENERAL, EXISTING INITIATION AND NOTIFICATION APPLICANCE SHALL REMAIN IN PLACE. THE CONTRACTOR SHALL NOT REMOVE OR DISCONNECT ANY PANEL. NEW DEVICES ARE UNLESS UNIFIED BY THE SCOPE OF WORK. NEW DEVICES SHALL NOT TIE TO EXISTING CIRCUITS, OR NEW WIRING SHALL BE INSTALLED AS REQUIRED TO PROVIDE A COMPLETE SYSTEM AS INDICATED.

C. ALL WIRING SHALL BE COPPER, INSTALLED IN A DEDICATED SEGREGATED RMC CONDUIT SYSTEM AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

D. THE COMPLETE FIRE ALARM SYSTEM SHALL BE FULLY TESTED AFTER THE INSTALLATION OF ALL DEVICES, INCLUDING THE CONTROL PANEL, ANNUNCIATOR PANEL, OTHER PANELS, FEATURES AND FUNCTIONS. TESTING SHALL BE WITNESSED BY THE OWNER. A TESTING REPORT TO THE A/E AND THE ENGINEER AS A SUBMITTAL REFLECTING SPECIFICATION SECTION 281010.

GENERAL REMOVAL NOTES

(APPLY TO ALL DRAWINGS):

- A. DISCONNECT AND REMOVE ALL EXISTING ELECTRICAL EQUIPMENT AND MATERIALS THAT ARE NOT TO REMAIN AS A RESULT OF EQUIPMENT/BUILDING DEMOLITION WORK. COORDINATE ALL REQUIREMENTS WITH GENERAL CONTRACTOR. REMOVE ALL EXISTING ELECTRICAL MATERIALS AND WIRING. REMOVAL OF ALL WIRING, WHERE EXISTING DEVICES ARE NOT BEING REUSED, TIED TO THEIR RESPECTIVE ELECTRICAL PANELS. REMOVE ALL EXISTING WIRING, ASSOCIATED WIRING SHALL BE COMPLETELY REMOVED BACK TO THEIR RESPECTIVE ELECTRICAL PANELS. REMOVE ALL EXISTING WIRING, ALL EMPTY AND ABANDONED RACEWAYS, GUT FLUSH WITH FLOOR OR WALL WHERE APPLICABLE AND GUT CONDUIT MATERIAL. SEE EXISTING DRAWING SPECIFICATIONS FOR "HOT WORK PERMIT" REQUIREMENTS.
- B. EXISTING CONDITIONS ARE TAKEN FROM FIELD OBSERVATIONS AND NOT TO BE TAKEN FROM DRAWINGS. ALL REMOVALS SHALL BE GUARANTEED ACCURATE. E SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BID.
- C. COORDINATE ALL WORK WITH OTHER TRADES.
- D. CUTTING, PATCHING AND FIRESTOPPING EXISTING BUILDING FINISHES AND ELEMENTS TO FACILITATE ELECTRICAL REMOVAL WORK SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
- E. PROVIDE A TEST POND TO THE BEGINNING ELECTRICAL REMOVAL WORK. ALL TEST POND AND EVERY SYSTEM TESTED SHALL BE TESTED TO A PASSING STANDARD. ALL SYSTEMS SHALL BE TESTED TO A PASSING STANDARD ON EACH INDIVIDUAL DEVICE ON EACH SYSTEM. SYSTEMS AND DEVICES SHALL BE TESTED TO A PASSING STANDARD PRIOR TO THE BEGINNING OF CONSTRUCTION. TEST THE EXISTING AND NEW DEVICES AND SYSTEMS AFTER CONSTRUCTION TO INDICATE THE QUALITY OF THE CONSTRUCTION. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ALL EXISTING SYSTEMS AND DEVICES TO PRE-CONSTRUCTION CONDITION OR BETTER. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ORGANIZATION TO TEST AND DOCUMENT EACH SYSTEM BOTH PRE AND POST CONSTRUCTION. SUCH SYSTEMS SHALL INCLUDE, BUT ARE NOT LIMITED TO: ELECTRICAL PANELS, ELECTRICAL PANELS, PUBLIC DISTRIBUTION SYSTEM, SECURITY ACCESS CONTROL SYSTEM, PUBLIC ADDRESS SYSTEM, LOCAL AREA NETWORK SYSTEM, TELEPHONE SYSTEM, SECURITY SYSTEM, SECURITY SYSTEM, SECURITY SYSTEM, DETECTION SYSTEM, AUTOMATIC LIGHTING CONTROL SYSTEM AND FIRE ALARM SYSTEM. SUBMIT TEST RESULTS TO THE OWNER AND ENGINEER FOR REVIEW AND APPROVAL.

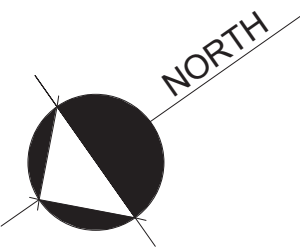
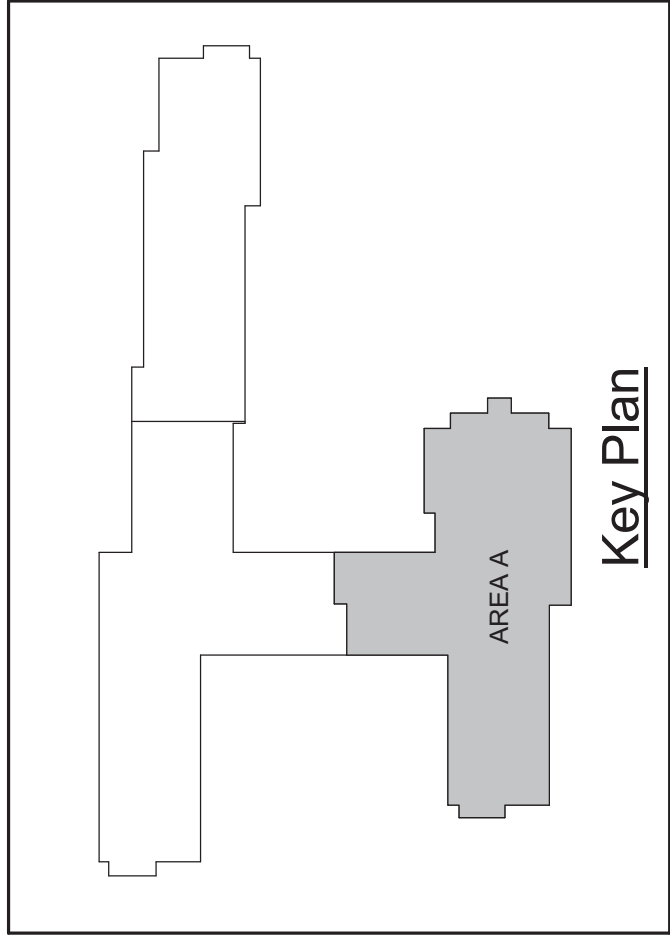
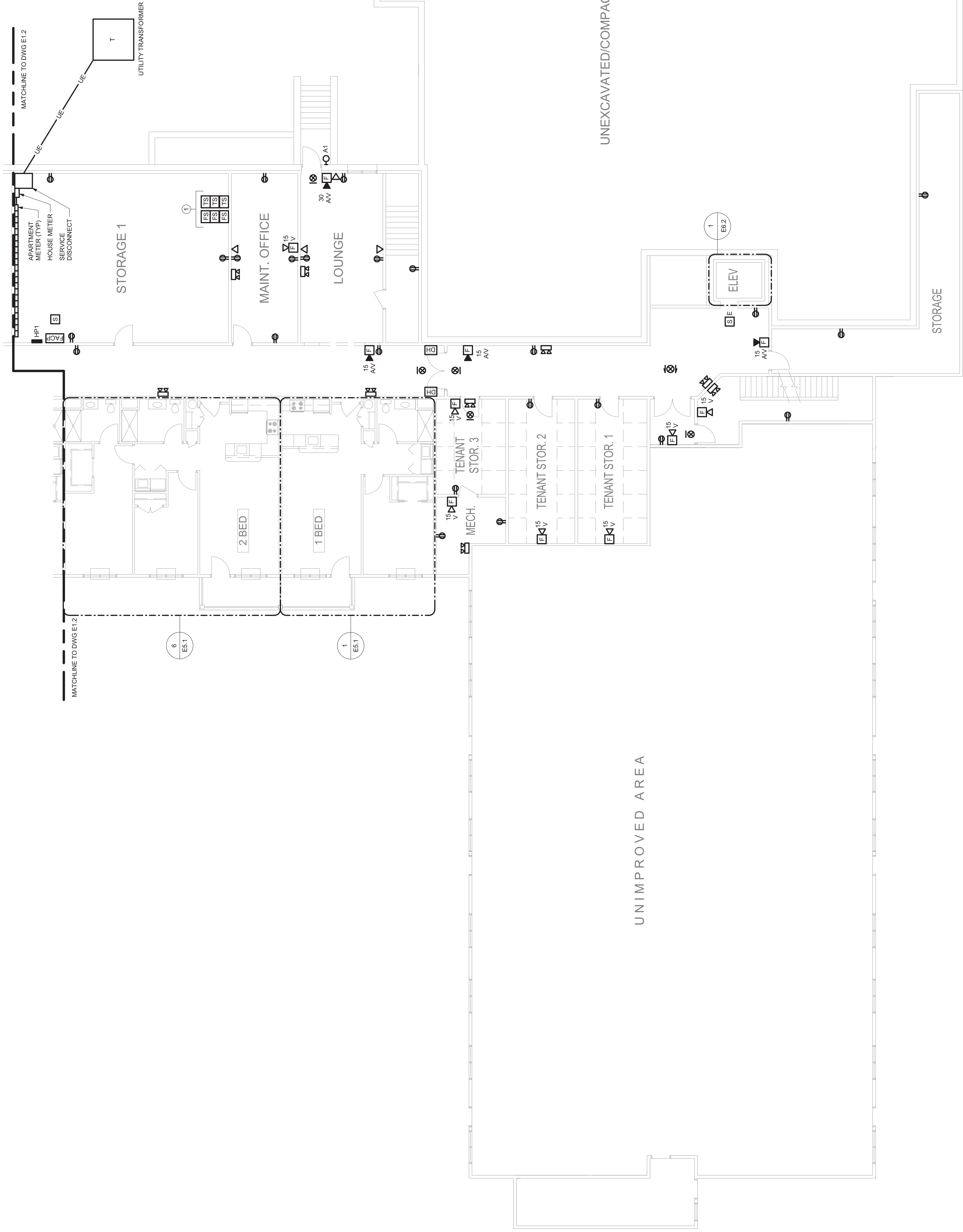
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GENERAL NOTES:

- A. UNLESS OTHERWISE NOTED, ALL BRANCH CIRCUIT WIRING SHALL BE (2#12 WITH 1#12 GROUND, TYPE NM CABLE, CIRCUITED TO 120/240V, 1-PHASE, 3-WIRE, 60 HZ, AND SHALL BE INSTALLED IN UNFINISHED SPACES AND OTHER UNFINISHED SPACES SHALL BE TYPE MC CABLE.
- B. COORDINATE SINGLE POINT OF CONNECTION FOR DATA, PHONE AND CABLE TV WITH SERVICE PROVIDER. PROVIDE CABLEING AND OUTLET PER SERVICE PROVIDER'S INSTRUCTIONS.
- C. REFER TO ONE LINE DIAGRAM, SCHEDULES AND DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- D. FOR STAIRWELLS AND CORRIDORS WHERE LIGHT SWITCHES ARE INSTALLED, THE LIGHTING SHALL BE ON 247 AND BE CONTROLLED BY CIRCUIT BREAKER.
- E. ALL EXTERIOR BUILDING MOUNTED LIGHT FIXTURES SHALL BE CIRCUITED TO PANEL XXX AND CONNECTED TO TIME CLOCK CONTROLS.
- F. REFER TO ENLARGED APARTMENT PLANS FOR TYPICAL DEVICE LAYOUT AND ADDITIONAL INFORMATION AND REQUIREMENTS.

DRAWING NOTES:

1. COORDINATE EXACT LOCATION, CONNECTIONS AND QUANTITY OF DEVICES FOR SPRINKLER SYSTEM WITH SPRINKLER SYSTEM PROVIDER.



GROUND FLOOR POWER & SYSTEMS PLAN — AREA A

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

PROJECT NO. 200355

DESIGNED BY: DAS

DRAWN BY: DAS

CHECKED BY: SEE

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

HARRIS A. SANDERS
ARCHITECTS, P.C.

252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210

HIAWATHA TRAILS SENIOR APARTMENTS



HARRIS A. SANDERS
ARCHITECTS, P.C.

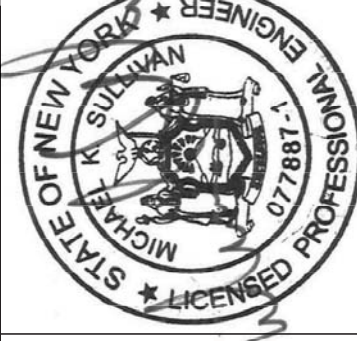
252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210

HIAWATHA TRAILS SENIOR APARTMENTS

ISSUED FOR PERMITTING 4/22/2021

DATE: 03/07/2021

SHEET NO.



GROUND FLOOR ELECTRICAL PLAN - AREA A

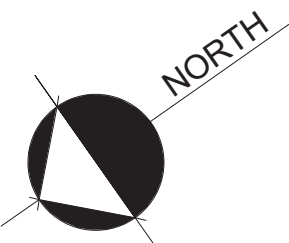
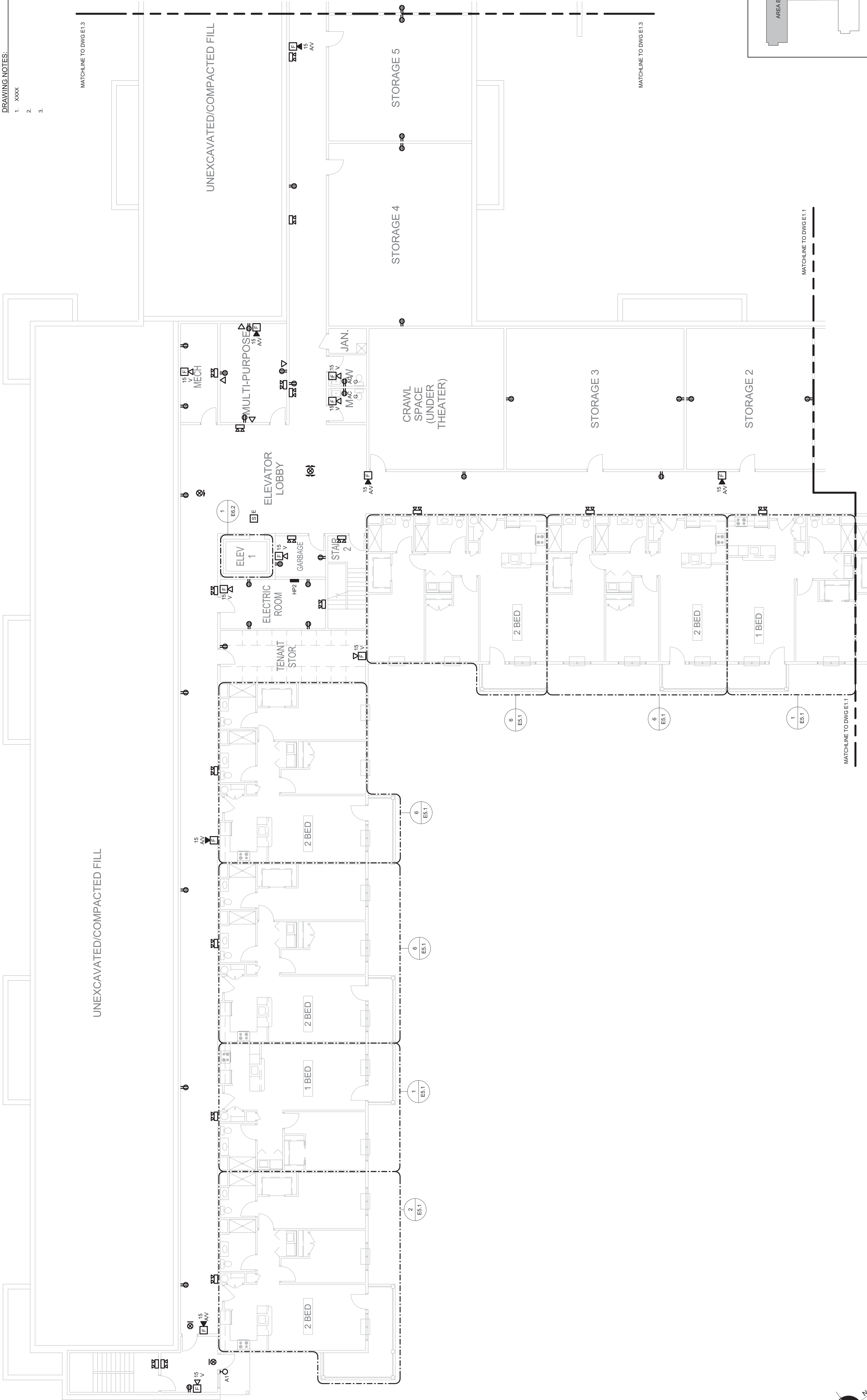
E1.1

GENERAL NOTES:

- A. UNLESS OTHERWISE NOTED, ALL BRANCH CIRCUIT WIRING SHALL BE (2#12 WITH 1#12 GROUND, TYPE NM CABLE, CIRCUITED TO 120V/208V, 60 HZ, SINGLE PHASE, 3 WIRE, 100% CIRCULAR MILS, UNLESS OTHERWISE NOTED) IN UNFINISHED SPACES AND OTHER UNFINISHED SPACES SHALL BE TYPE MC CABLE.
- B. COORDINATE SINGLE POINT OF CONNECTION FOR DATA, PHONE AND CABLE TV) WITH SERVICE PROVIDER. PROVIDE CABLEING AND OUTLET PER SERVICE PROVIDER'S INSTRUCTIONS.
- C. REFER TO ONE LINE DIAGRAM, SCHEDULES AND DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- D. FOR STAIRWELLS AND CORRIDORS WHERE LIGHT SWITCHES ARE INSTALLED, LIGHTING SHALL BE ON 24/7 AND BE CONTROLLED BY CIRCUIT BREAKER.
- E. ALL EXTERIOR BUILDING MOUNTED LIGHT FIXTURES SHALL BE CIRCUITED TO PANEL XXX AND CONNECTED TO TIME CLOCK CONTROLS.
- F. REFER TO ENLARGED APARTMENT PLANS FOR TYPICAL DEVICE LAYOUT AND ADDITIONAL INFORMATION AND REQUIREMENTS.

DRAWING NOTES:

1. xxxx
- 2.
- 3.



GROUND FLOOR POWER & SYSTEMS PLAN — AREA B

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



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2025/05/20/2025 10:00 AM

PROJECT NO.: 200353
DESIGNED BY: DAS
DRAWN BY: DAS
CHECKED BY: SEE
SCALE: 1/8" = 1'-0"

HARRIS A. SANDERS
ARCHITECTS, P.C.
252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210

HIAWATHA TRAILS SENIOR APARTMENTS

ISSUED FOR PERMITTING 4/22/2021

DATE: 03/07/2021

SHEET NO.

E1.2

STATE OF NEW YORK
JULIAN G. SANDERS
LICENSED PROFESSIONAL ENGINEER
027881

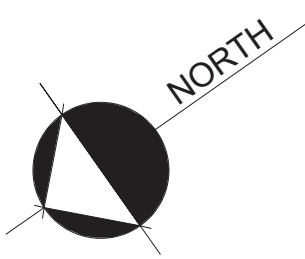
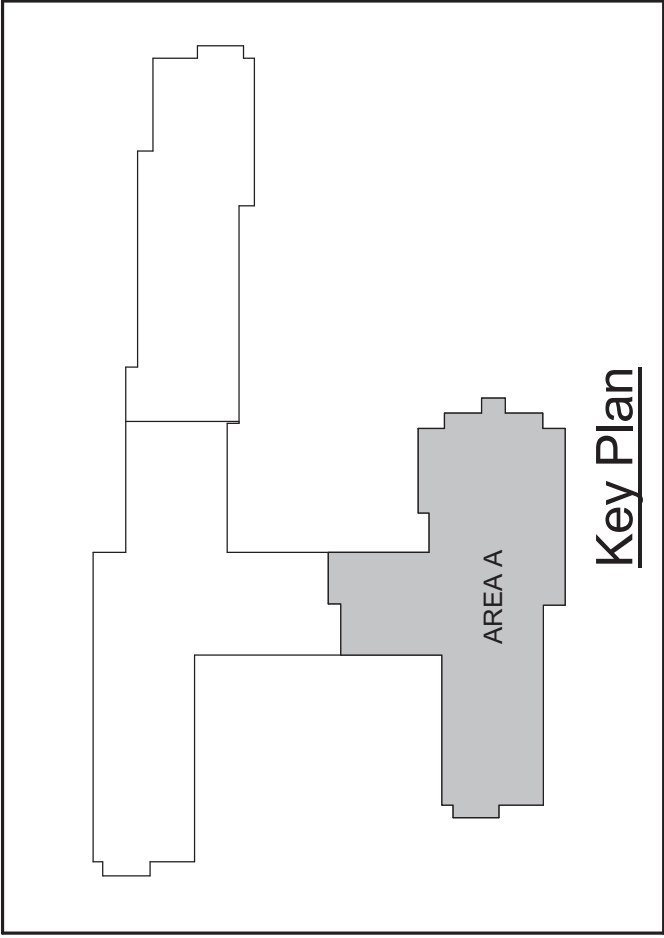
GROUND FLOOR ELECTRICAL PLAN - AREA B

GENERAL NOTES:

- A. UNLESS OTHERWISE NOTED, ALL BRANCH CIRCUIT WIRING SHALL BE (2#12 WITH 1#12 GROUND, TYPE NM CABLE, CIRCUITED TO 120/240V, 1-PHASE, 3-WIRE, 60 HZ, AND SHALL BE INSTALLED IN UNFINISHED SPACES AND OTHER UNFINISHED SPACES SHALL BE TYPE MC CABLE.
- B. COORDINATE SINGLE POINT OF CONNECTION FOR DATA, PHONE AND CABLE TV) WITH SERVICE PROVIDER. PROVIDE CABLEING AND OUTLET PER SERVICE PROVIDER'S INSTRUCTIONS.
- C. REFER TO ONE LINE DIAGRAM, SCHEDULES AND DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- D. FOR STAIRWELLS AND CORRIDORS WHERE LIGHT SWITCHES ARE INSTALLED, LIGHT FIXTURES SHALL BE ON 24/7 AND BE CONTROLLED BY CIRCUIT BREAKER.
- E. ALL EXTERIOR BUILDING MOUNTED LIGHT FIXTURES SHALL BE CIRCUITED TO PANEL XXX AND CONNECTED TO TIME CLOCK CONTROLS.
- F. REFER TO ENLARGED APARTMENT PLANS FOR TYPICAL DEVICE LAYOUT AND ADDITIONAL INFORMATION AND REQUIREMENTS.

DRAWING NOTES:

1. xxxx
2.
3.



FIRST FLOOR POWER & SYSTEMS PLAN — AREA A
SCALE: 1/8" = 1'-0"

ISSUED FOR PERMITTING 4/22/2021



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PROJECT NO.: 200353
DESIGNED BY: DAS
DRAWN BY: DAS
CHECKED BY: SEE
SCALE: 1/8" = 1'-0"

HARRIS A. SANDERS
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252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210
HIAWATHA TRAILS SENIOR APARTMENTS

FIRST FLOOR ELECTRICAL PLAN - AREA A



STATE OF NEW YORK
JULIAN G. SANDERS
LICENSE NO. 027881
PROFESSIONAL ENGINEER

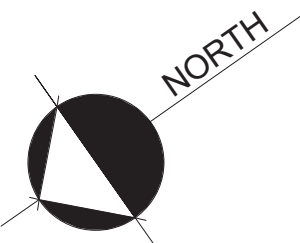
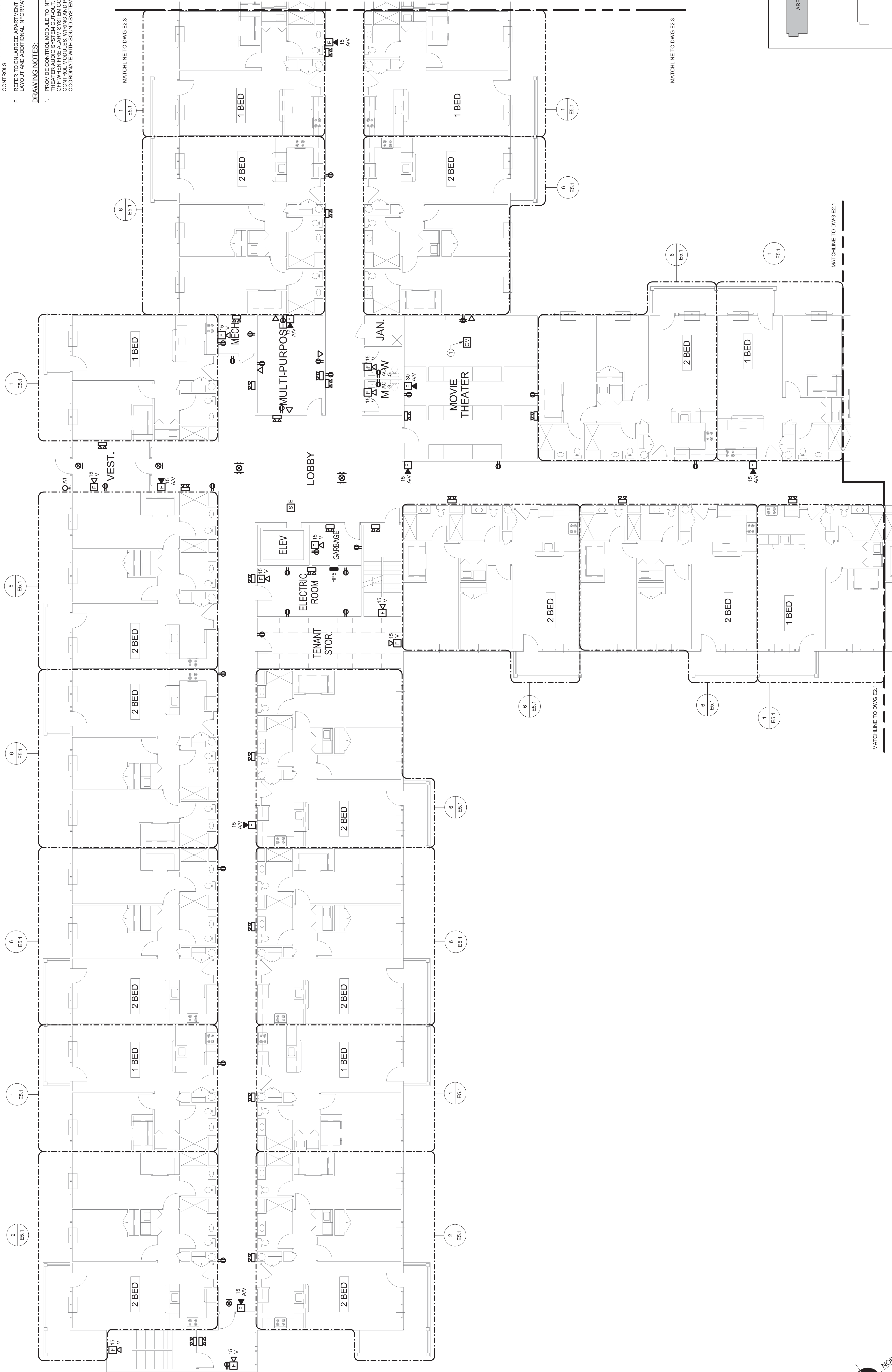
DATE: 03/01/2021
SHEET NO.: E2.1

GENERAL NOTES:

- UNLESS OTHERWISE NOTED, ALL BRANCH CIRCUIT WIRING SHALL BE (2#12 WITH 1#12 GROUND, TYPE NM CABLE, CIRCUITED TO 120V AC, 60 HZ, AND BE INSTALLED IN UNFINISHED SPACES AND OTHER UNFINISHED SPACES SHALL BE TYPE MC CABLE.
- COORDINATE SINGLE POINT OF CONNECTION FOR DATA, PHONE AND CABLE TV) WITH SERVICE PROVIDER. PROVIDE CABELING AND OUTLET PER SERVICE PROVIDER'S INSTRUCTIONS.
- REFER TO ONE LINE DIAGRAM, SCHEDULES AND DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- FOR STAIRWELLS AND CORRIDORS WHERE LIGHT SWITCHES ARE INSTALLED, LIGHT SWITCHES SHALL BE ON 24/7 AND BE CONTROLLED BY CIRCUIT BREAKER.
- ALL EXTERIOR BUILDING MOUNTED LIGHT FIXTURES SHALL BE CIRCUITED TO PANEL XXX AND CONNECTED TO TIME CLOCK CONTROLS.
- REFER TO ENLARGED APARTMENT PLANS FOR TYPICAL DEVICE LAYOUT AND ADDITIONAL INFORMATION AND REQUIREMENTS.

DRAWING NOTES:

- PROVIDE CONTROL MODULE TO INTERFACE WITH ANE THEATER AUDIO SYSTEM. AUDIO SYSTEM SHALL SHUT OFF WHEN FIRE ALARM SYSTEM GOES INTO ALARM. PROVIDE ALL WIRING AND INSTALLATION PER MANUFACTURER'S INSTRUCTIONS. COORDINATE WITH SOUND SYSTEM INSTALLER.



FIRST FLOOR POWER & SYSTEMS PLAN — AREA B
SCALE: 1/8" = 1'-0"

ISSUED FOR PERMITTING 4/22/2021



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2020/04/22/2021 10:00 AM

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

HARRIS A. SANDERS
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252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210
HIAWATHA TRAILS SENIOR APARTMENTS

DATE: 03/01/2021

ISSUED FOR PERMITTING 4/22/2021

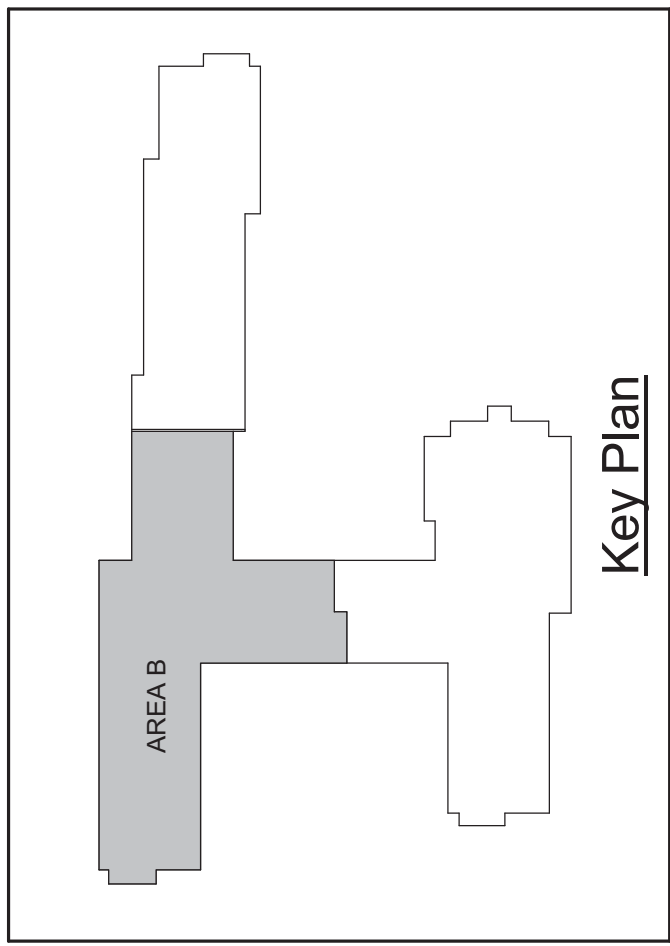
FIRST FLOOR ELECTRICAL PLAN - AREA B



STATE OF NEW YORK
HARRIS A. SANDERS
LICENSED PROFESSIONAL ENGINEER
027881

SHEET NO.

E2.2

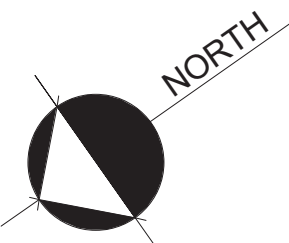
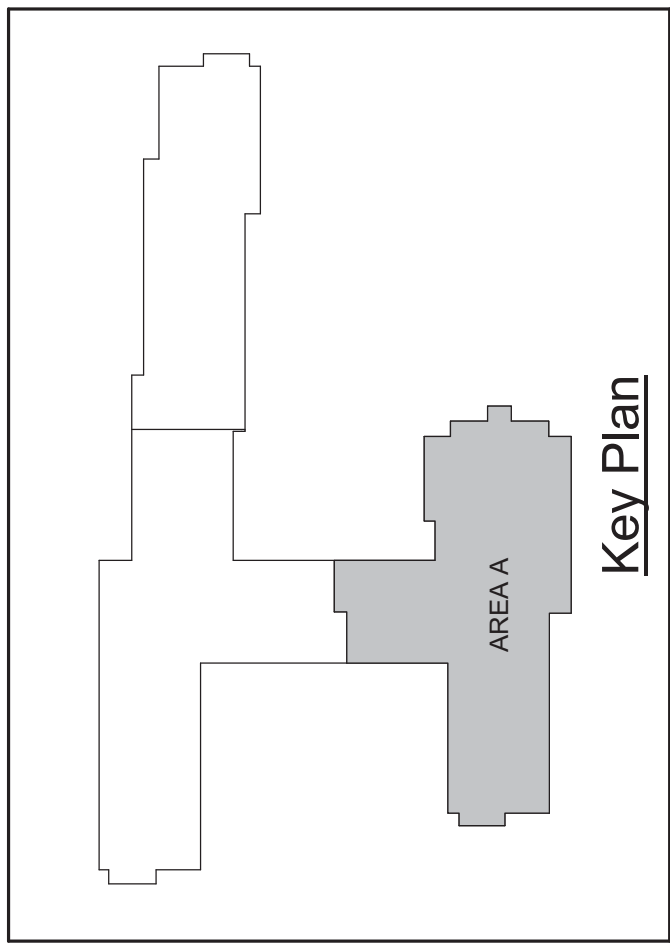
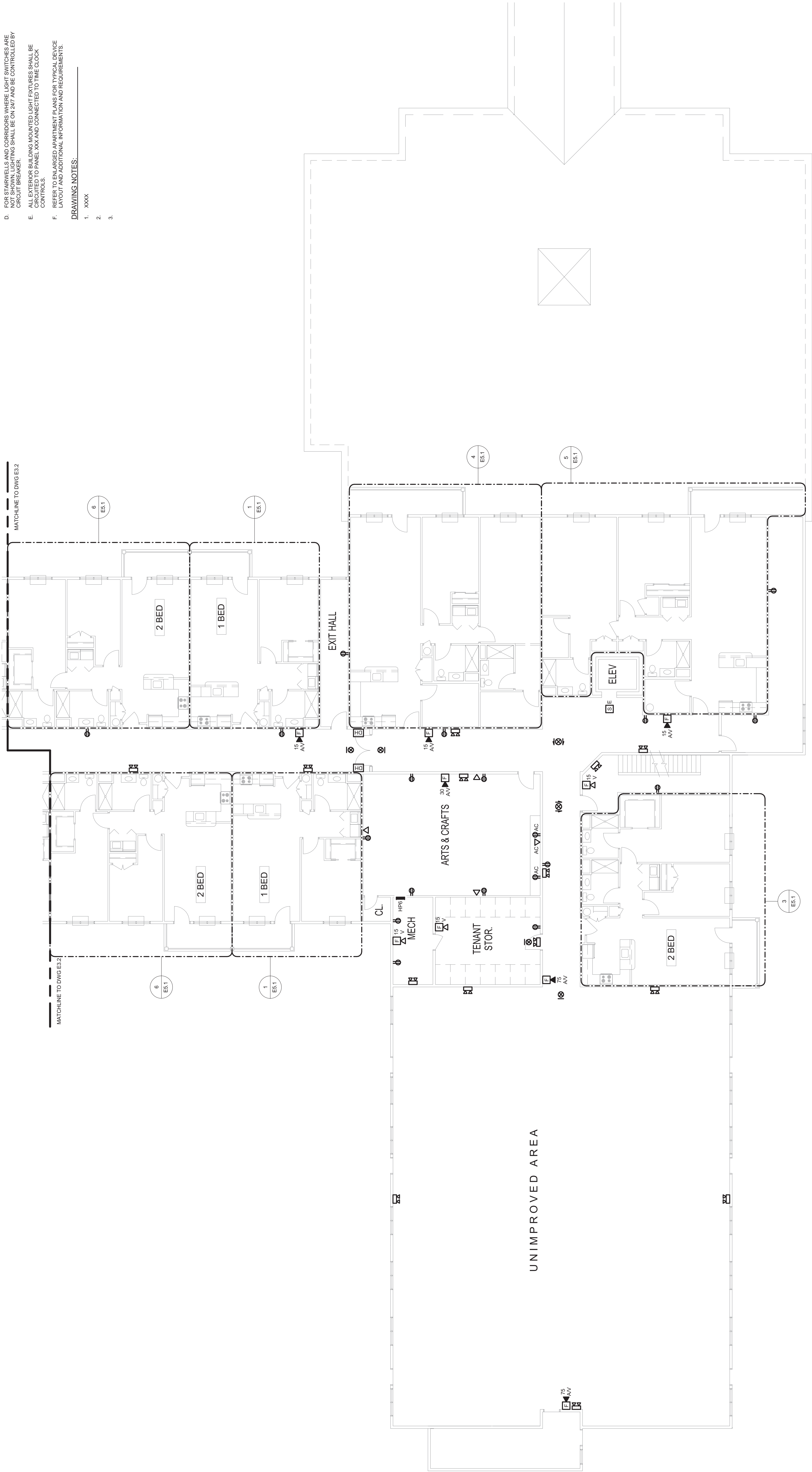


GENERAL NOTES:

- A. UNLESS OTHERWISE NOTED, ALL BRANCH CIRCUIT WIRING SHALL BE (2#12 WITH 1#12 GROUND, TYPE NM CABLE, CIRCUITED TO 120V AC, 60 HZ, SINGLE PHASE, 3 WIRE) AND SHALL BE INSTALLED IN UNFINISHED SPACES AND OTHER UNFINISHED SPACES SHALL BE TYPE MC CABLE.
- B. COORDINATE SINGLE POINT OF CONNECTION FOR DATA, PHONE AND CABLE TV WITH SERVICE PROVIDER. PROVIDE CABELING AND OUTLET PER SERVICE PROVIDER'S INSTRUCTIONS.
- C. REFER TO ONE LINE DIAGRAM, SCHEDULES AND DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- D. FOR STAIRWELLS AND CORRIDORS WHERE LIGHT SWITCHES ARE INSTALLED, LIGHT FIXTURES SHALL BE ON 247 AND BE CONTROLLED BY CIRCUIT BREAKER.
- E. ALL EXTERIOR BUILDING MOUNTED LIGHT FIXTURES SHALL BE CIRCUITED TO PANEL XXX AND CONNECTED TO TIME CLOCK CONTROLS.
- F. REFER TO ENLARGED APARTMENT PLANS FOR TYPICAL DEVICE LAYOUT AND ADDITIONAL INFORMATION AND REQUIREMENTS.

DRAWING NOTES:

1. xxxx
- 2.
- 3.



SECOND FLOOR POWER & SYSTEMS PLAN — AREA A

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

PROJECT NO.: 200353

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

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

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PROJECT NO.: 200353

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

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HIAWATHA TRAILS SENIOR APARTMENTS

HARRIS A. SANDERS

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HIAWATHA TRAILS SENIOR APARTMENTS

ME

ENGINEERING

MECHANICAL ENGINEERING

MECHANICAL ENGINEERING

MECHANICAL ENGINEERING

MECHANICAL ENGINEERING

MECHANICAL ENGINEERING

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MECHANICAL ENGINEERING

MECHANICAL ENGINEERING

PROJECT NO.: 200353

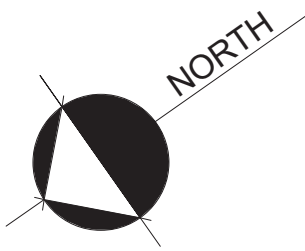
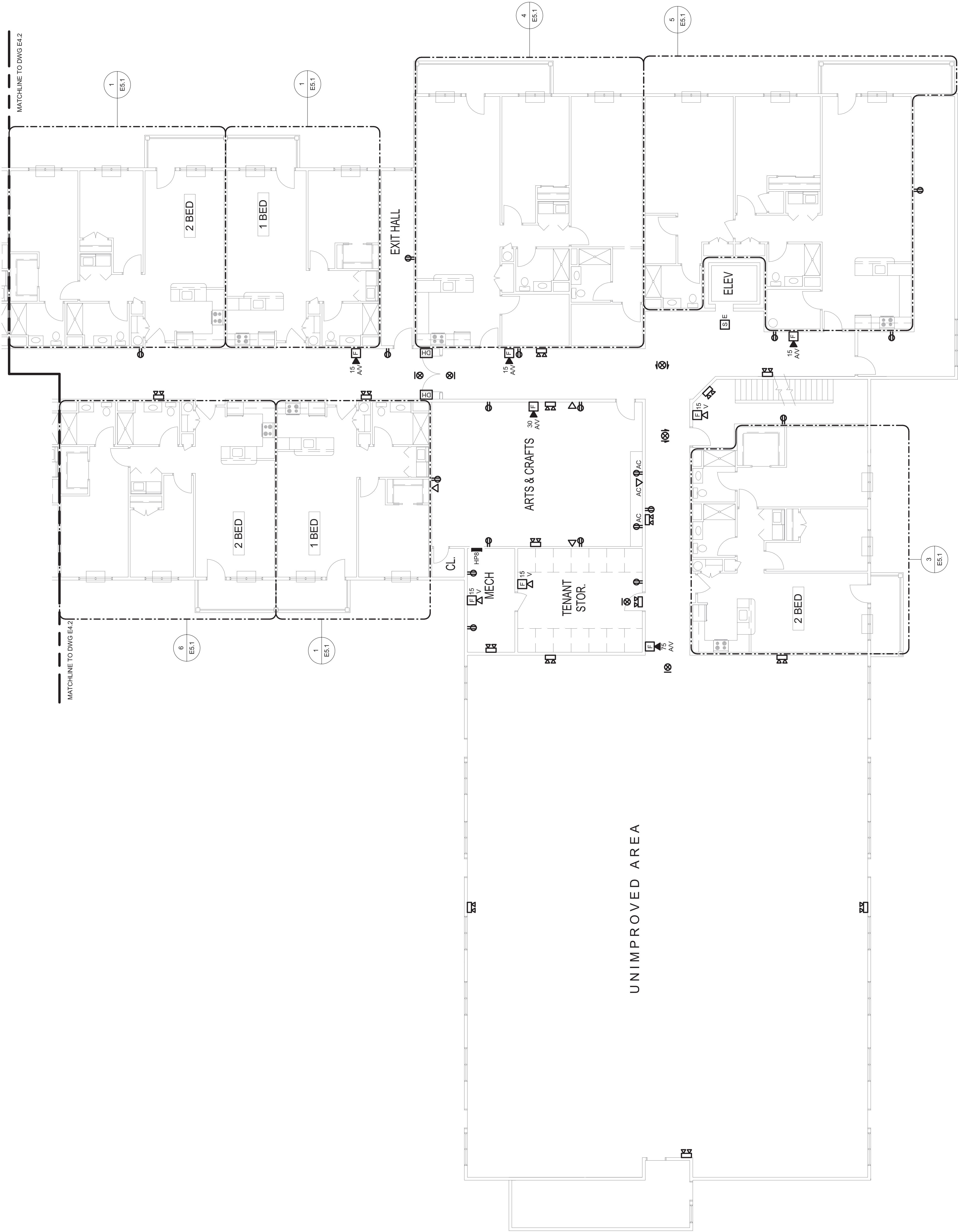
DESIGNED BY: DAS

GENERAL NOTES:

- A. UNLESS OTHERWISE NOTED, ALL BRANCH CIRCUIT WIRING SHALL BE (2#12 WITH 1#12 GROUND, TYPE NM CABLE, CIRCUITED TO 120V AC, 60 HZ, SINGLE PHASE) AND SHALL BE INSTALLED IN UNFINISHED SPACES AND OTHER UNFINISHED SPACES SHALL BE TYPE MC CABLE.
- B. COORDINATE SINGLE POINT OF CONNECTION FOR DATA, PHONE AND CABLE TV) WITH SERVICE PROVIDER. PROVIDE CABELING AND OUTLET PER SERVICE PROVIDER'S INSTRUCTIONS.
- C. REFER TO ONE LINE DIAGRAM, SCHEDULES AND DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- D. FOR STAIRWELLS AND CORRIDORS WHERE LIGHT SWITCHES ARE INSTALLED, ALL LIGHTS SHALL BE ON 247 AND BE CONTROLLED BY CIRCUIT BREAKER.
- E. ALL EXTERIOR BUILDING MOUNTED LIGHT FIXTURES SHALL BE CIRCUITED TO PANEL XXX AND CONNECTED TO TIME CLOCK CONTROLS.
- F. REFER TO ENLARGED APARTMENT PLANS FOR TYPICAL DEVICE LAYOUT AND ADDITIONAL INFORMATION AND REQUIREMENTS.

DRAWING NOTES:

1. xxxx
- 2.
- 3.



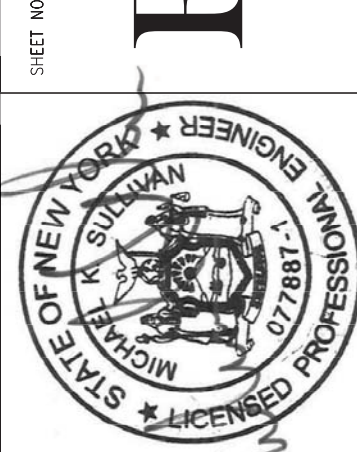
THIRD FLOOR POWER & SYSTEMS PLAN — AREA A

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



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HIAWATHA TRAILS SENIOR APARTMENTS



DATE: 03/01/2021

SHEET NO.

E4.1

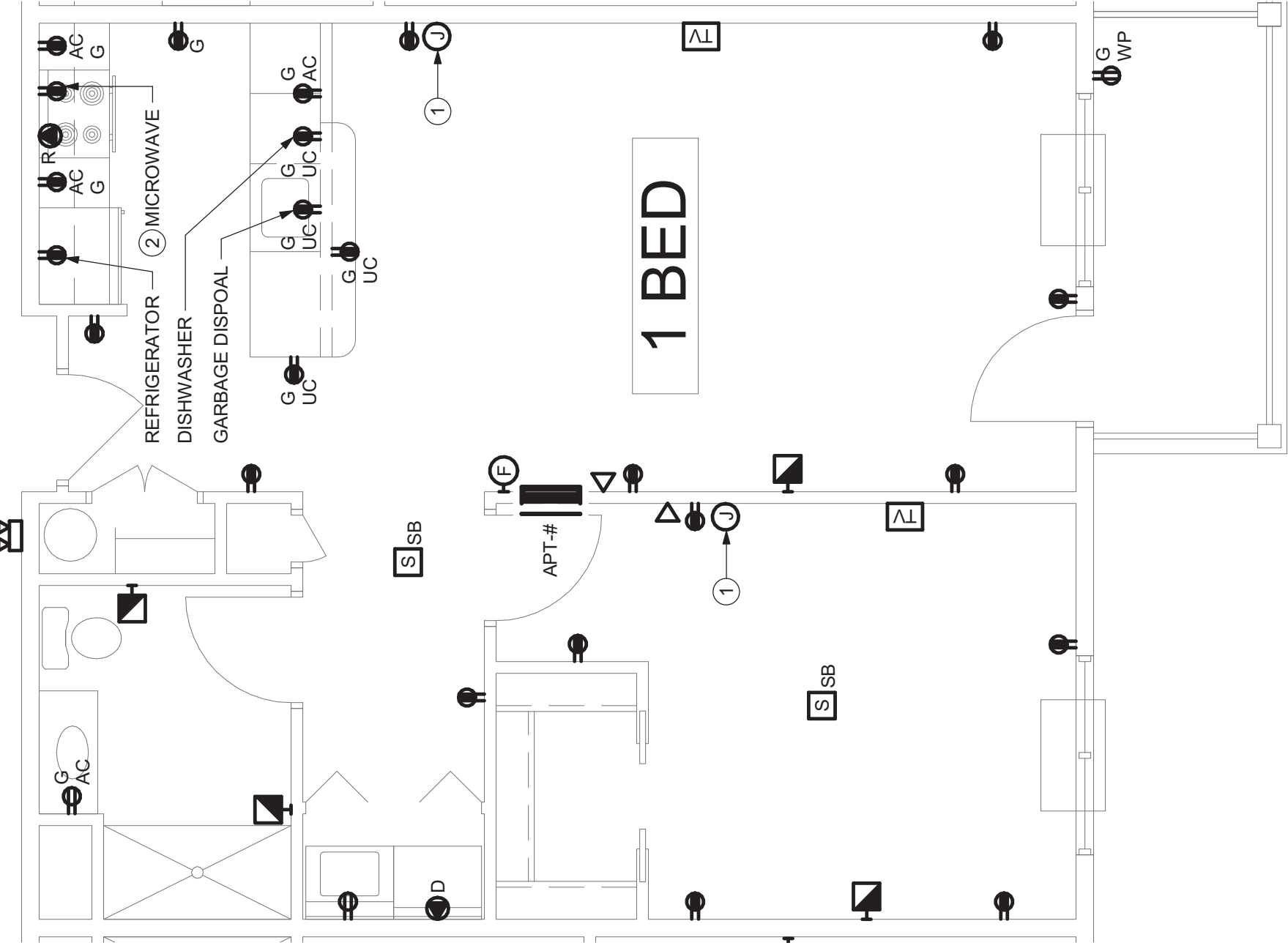
ISSUED FOR PERMITTING 4/22/2021

GENERAL NOTES:

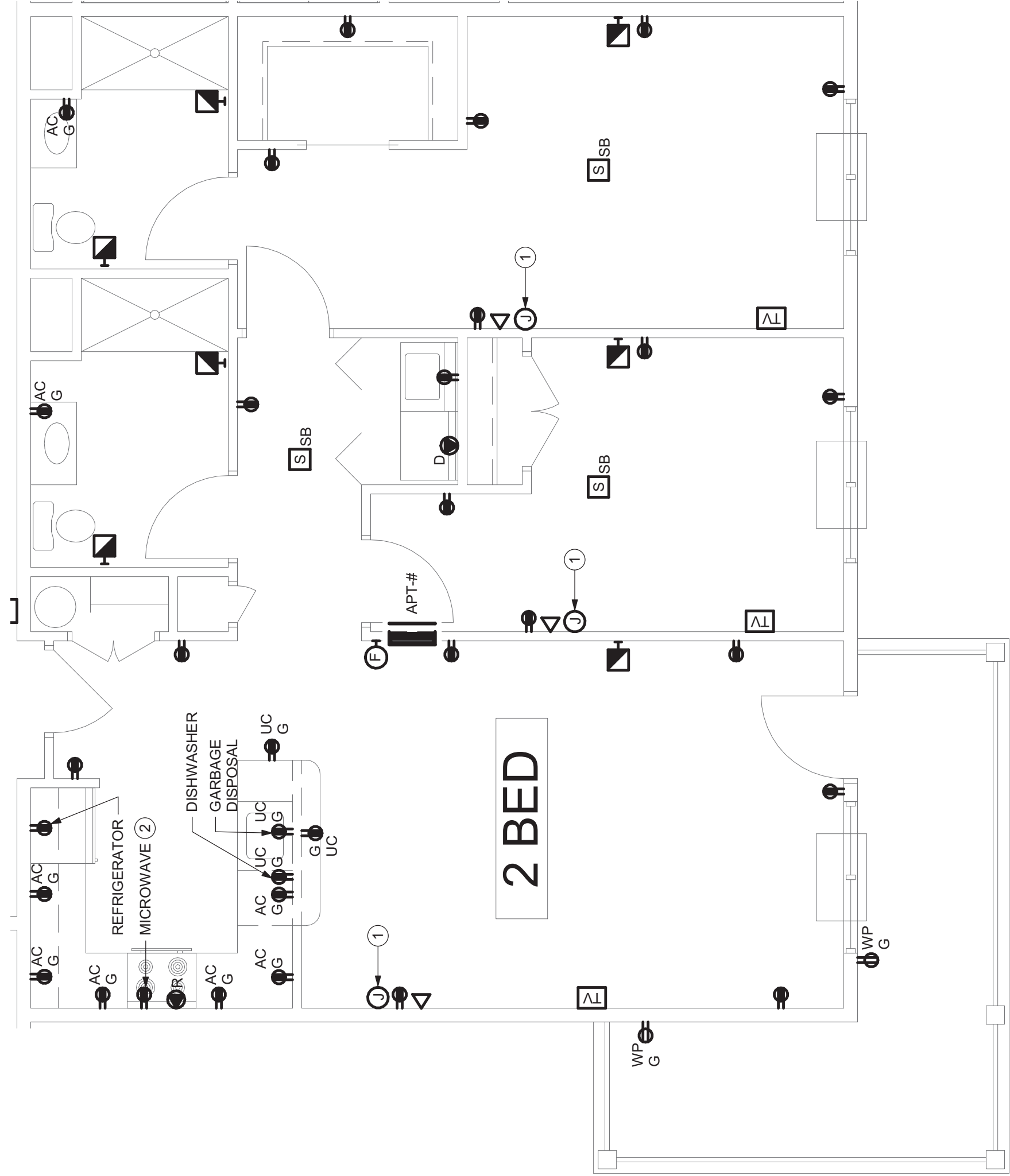
- A. UNLESS OTHERWISE NOTED, ALL BRANCH CIRCUIT WIRING SHALL BE (2#12 WITH 1#12 GROUND, TYPE NM-CABLE, CIRCUITED TO THE MAIN ELECTRICAL PANEL) AND SHALL BE INSTALLED IN UNFINISHED SPACES AND OTHER UNFINISHED SPACES SHALL BE TYPE MC CABLE.
- B. COORDINATE SINGLE POINT OF CONNECTION FOR DATA, PHONE AND CABLE TV) WITH SERVICE PROVIDER. PROVIDE CABLEING AND OUTLET PER SERVICE PROVIDER'S INSTRUCTIONS.
- C. REFER TO ONE LINE DIAGRAM, SCHEDULES AND DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- D. PROVIDE PROVISIONS IN ALL NON-ACCESSIBLE APARTMENTS SO THAT FUTURE WALL MOUNTED VISUAL NOTIFICATION DEVICES MAY BE INSTALLED. PROVIDE ALL REQUIRED WALL BOXES, WIRING AND CONDUIT IN EACH LOCATION AS SHOWN.
- E. ALL APARTMENT RECEPTACLES SHALL BE TAMPER-RESISTANT PER NEC REQUIREMENTS.
- F. IN APARTMENT XXX, PROVIDE HORNSTROBE DEVICES IN BEDROOM AND LIVING/DINING IN LIEU OF PROVISIONS ONLY.

DRAWING NOTES:

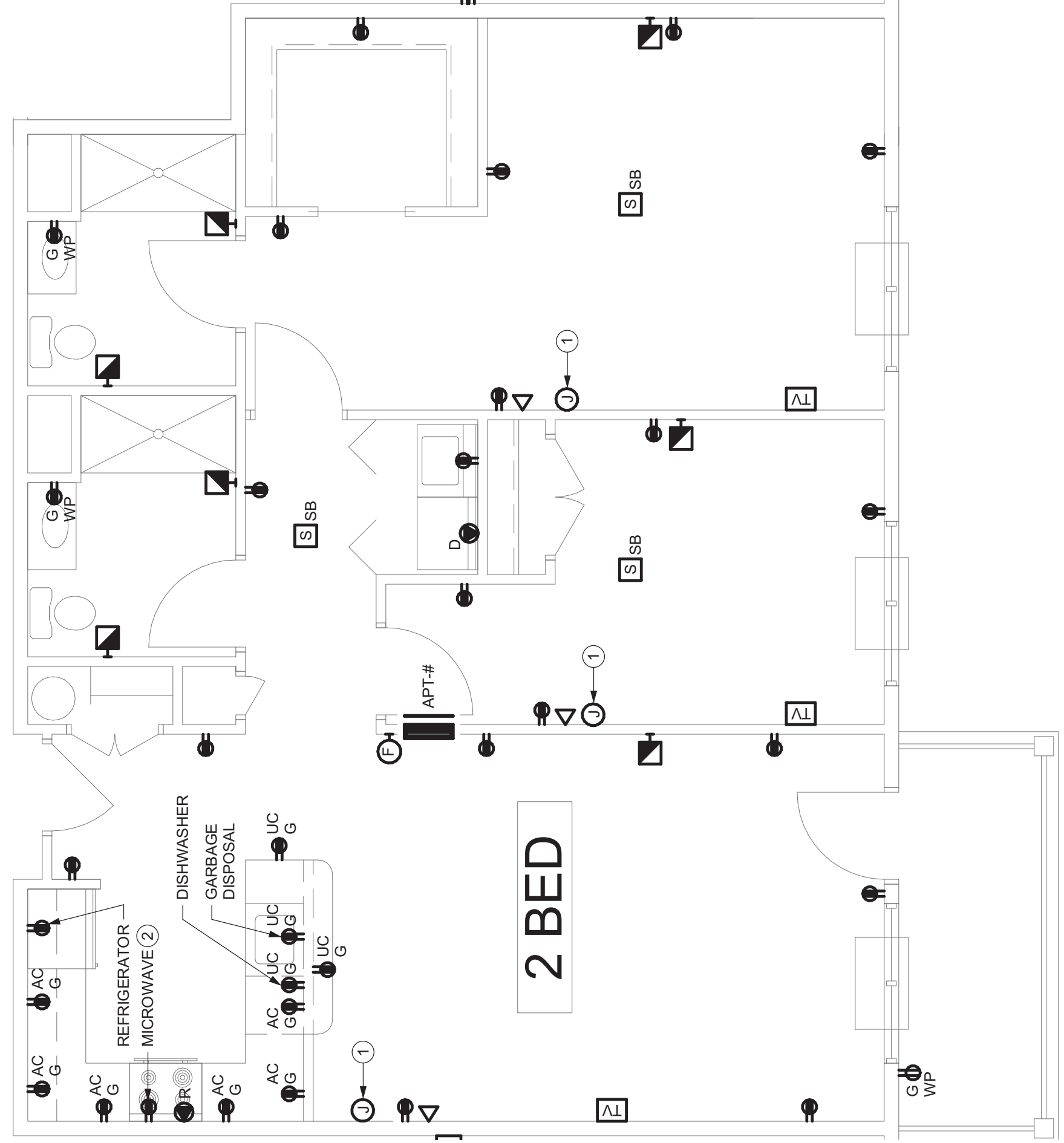
- 1. PROVIDE PROVISIONS IN ALL NON-ACCESSIBLE APARTMENTS SO THAT FUTURE WALL MOUNTED VISUAL NOTIFICATION DEVICES MAY BE INSTALLED. PROVIDE ALL REQUIRED WALL BOXES, WIRING AND CONDUIT IN EACH LOCATION.
- 2. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECTURAL DRAWINGS.



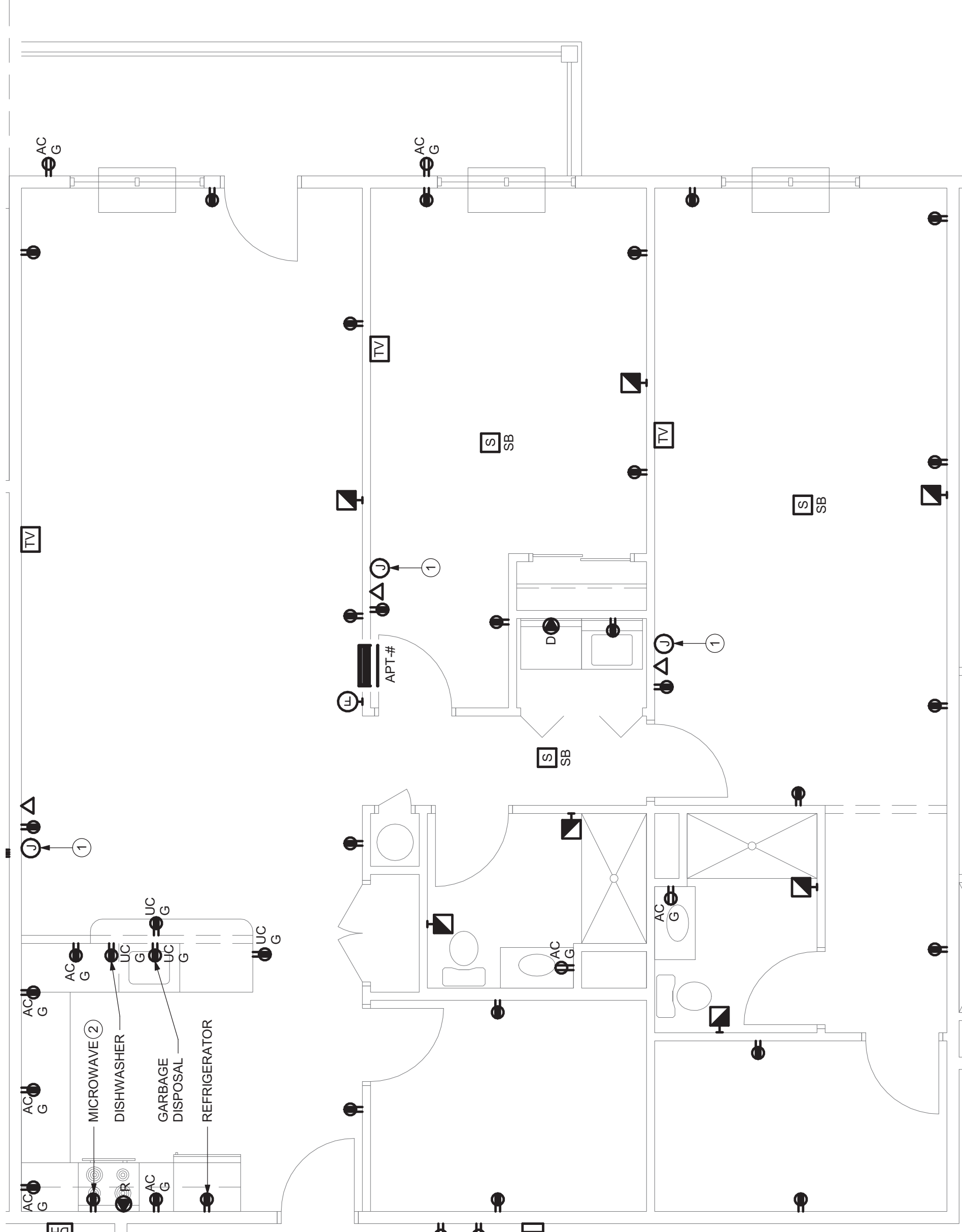
TYPICAL ENLARGED APARTMENT PLAN – TYPE 1A
SCALE: 1/4" = 1'-0"



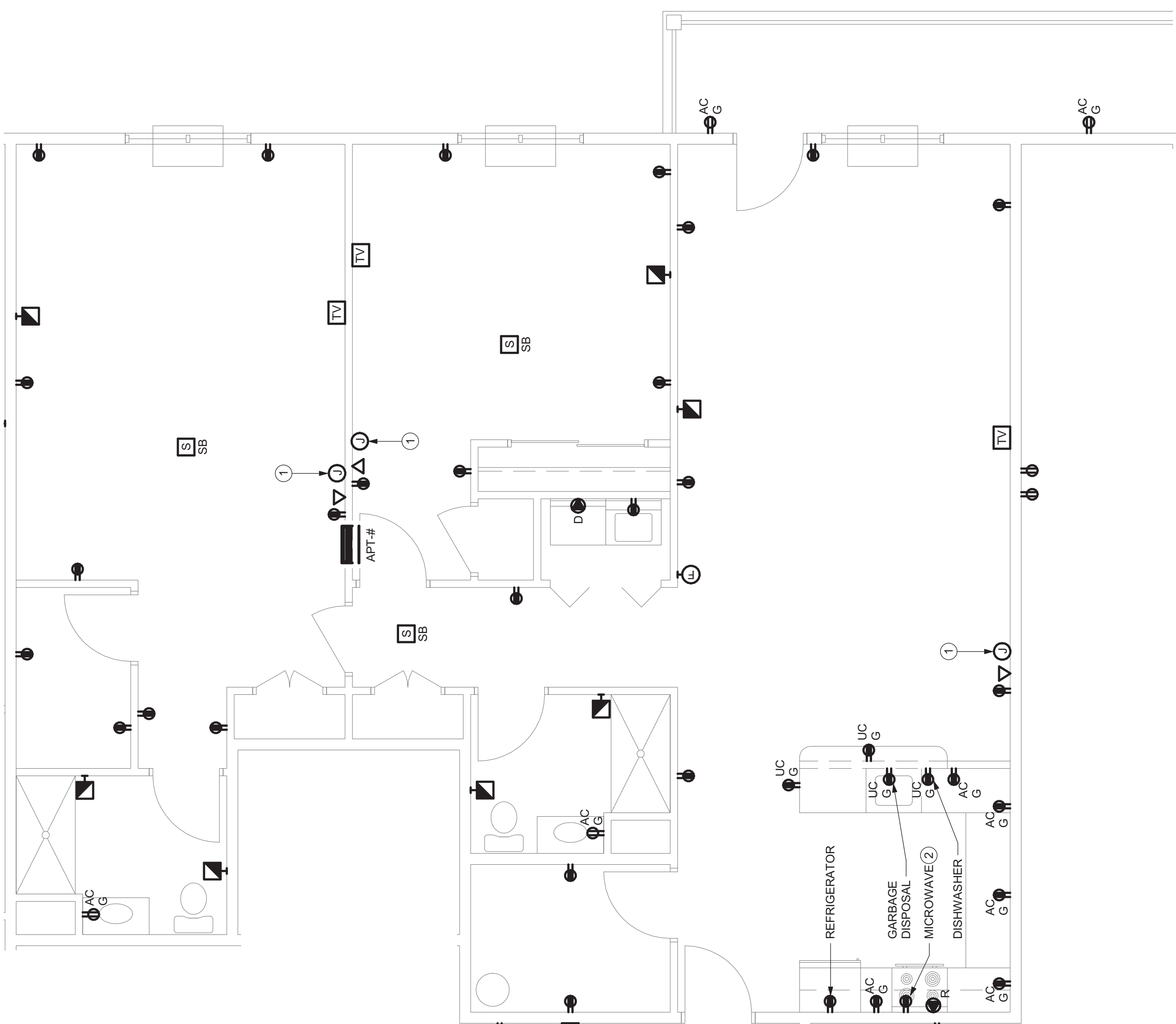
TYPICAL ENLARGED APARTMENT PLAN – TYPE 2A
SCALE: 1/4" = 1'-0"



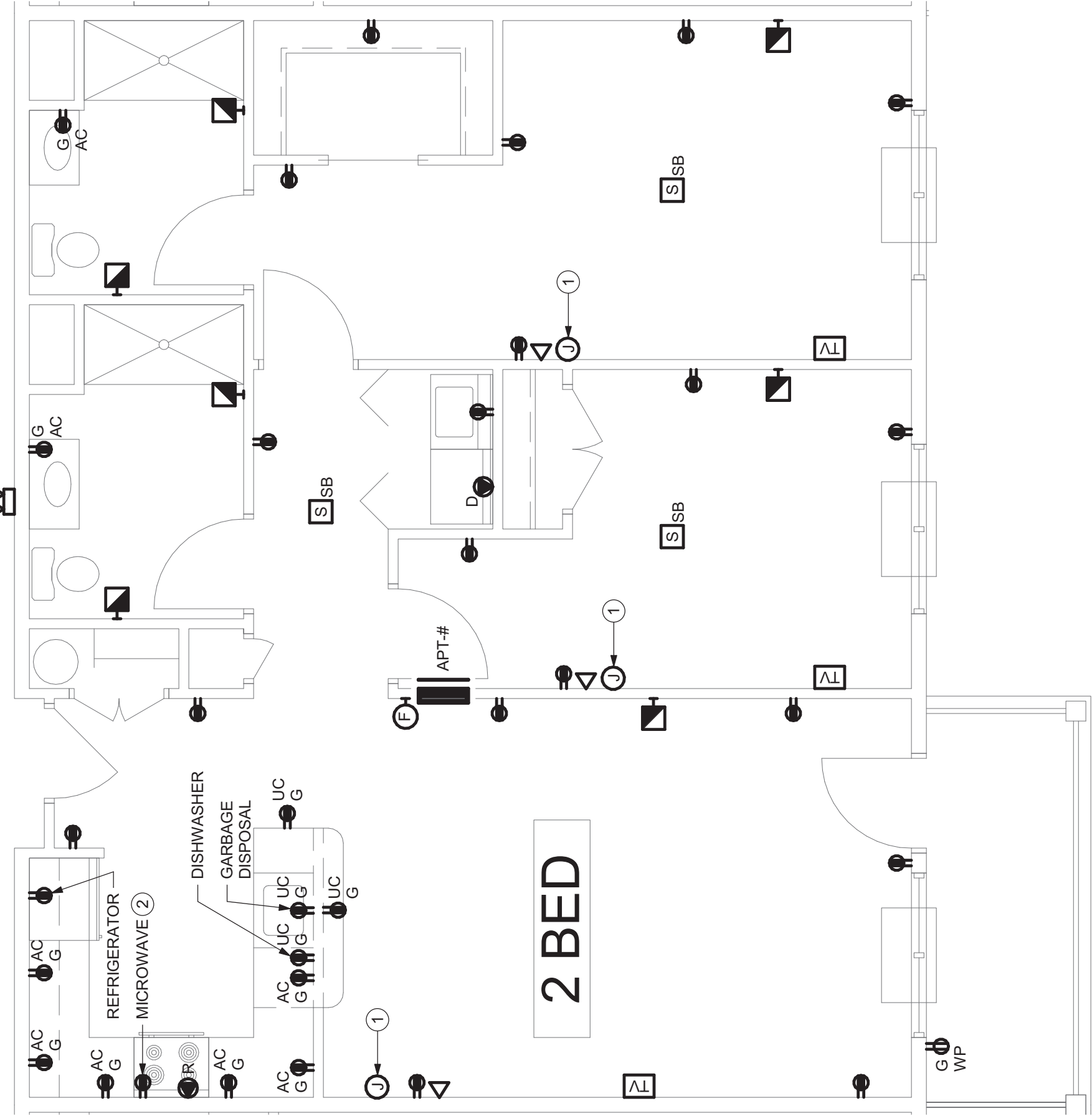
TYPICAL ENLARGED APARTMENT PLAN – TYPE 2B
SCALE: 1/4" = 1'-0"



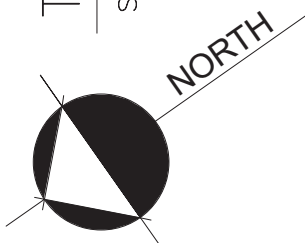
TYPICAL ENLARGED APARTMENT PLAN – TYPE 2C
SCALE: 1/4" = 1'-0"



TYPICAL ENLARGED APARTMENT PLAN – TYPE 2D
SCALE: 1/4" = 1'-0"



TYPICAL ENLARGED APARTMENT PLAN – TYPE 2E
SCALE: 1/4" = 1'-0"



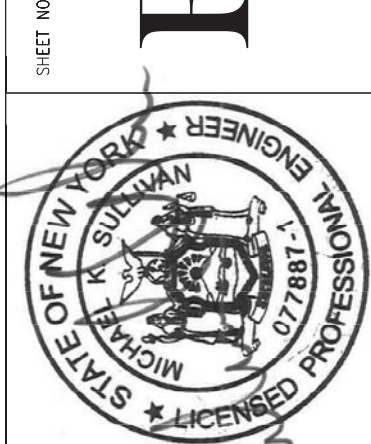
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HIAWATHA TRAILS SENIOR APARTMENTS

PROJECT NO.: 200355
DESIGNED BY: DAS
DRAWN BY: DAS
CHECKED BY: SEE
SCALE: 1/4" = 1'-0"

ISSUED FOR PERMITTING 4/22/2021

ENLARGED PLANS

DATE: 03/01/2021



SHEET NO.
E5.1

GENERAL NOTES:

- A. UNLESS OTHERWISE NOTED, ALL BRANCH CIRCUIT WIRING SHALL BE (2#12 WITH 1#12 GROUND, TYPE NM CABLE, CIRCUITED TO 120V AC, 60 HZ, SINGLE PHASE) AND SHALL BE INSTALLED IN UNFINISHED SPACES AND OTHER UNFINISHED SPACES SHALL BE TYPE MC CABLE.
- B. COORDINATE SINGLE POINT OF CONNECTION FOR DATA, PHONE AND CABLE TV) WITH SERVICE PROVIDER. PROVIDE CABELING AND OUTLET PER SERVICE PROVIDER'S INSTRUCTIONS.
- C. REFER TO ONE LINE DIAGRAM, SCHEDULES AND DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- D. PROVIDE PROVISIONS IN ALL NON-ACCESSIBLE APARTMENTS SO THAT ALL ELECTRICAL EQUIPMENT, INCLUDING ALL REQUIRED WALL BOXES, WIRING AND CONDUIT IN EACH LOCATION AS SHOWN.
- E. ALL APARTMENT RECEPTACLES SHALL BE TAMPER-RESISTANT PER NEC REQUIREMENTS.
- F. IN APARTMENT XXX, PROVIDE HORN/STROBE DEVICES IN BEDROOM AND LIVING/DINING IN LIEU OF PROVISIONS ONLY.

DRAWING NOTES:

1. COORDINATE EXACT LOCATION IN FIELD WITH ARCHITECT AND OWNERS REPRESENTATIVE PRIOR TO ROUGH-IN.
2. NURSE CALL CONSOLE LOCATION. COORDINATE EXACT LOCATION WITH ARCHITECT AND OWNERS REPRESENTATIVE PRIOR TO ROUGH-IN. PROVIDE 120V DEDICATED RECEPTACLE AND (2) DATA CONNECTIONS.



ENLARGED ACTIVITY AREA PLAN

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

PROJECT NO: 200353

DESIGNED BY: DAS

DRAWN BY: DAS

CHECKED BY: SEE

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

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HIAWATHA TRAILS SENIOR APARTMENTS

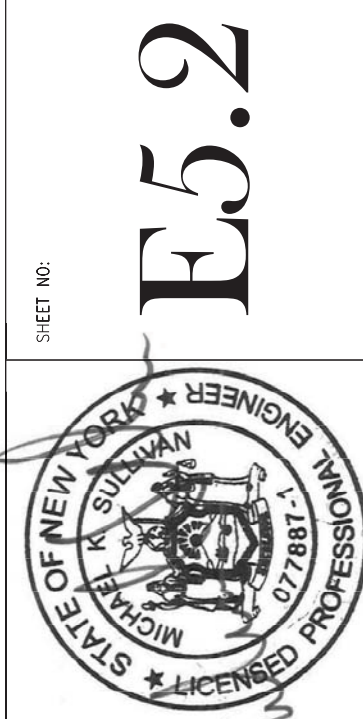
ISSUED FOR PERMITTING 4/22/2021

0' 2' 4' 8'

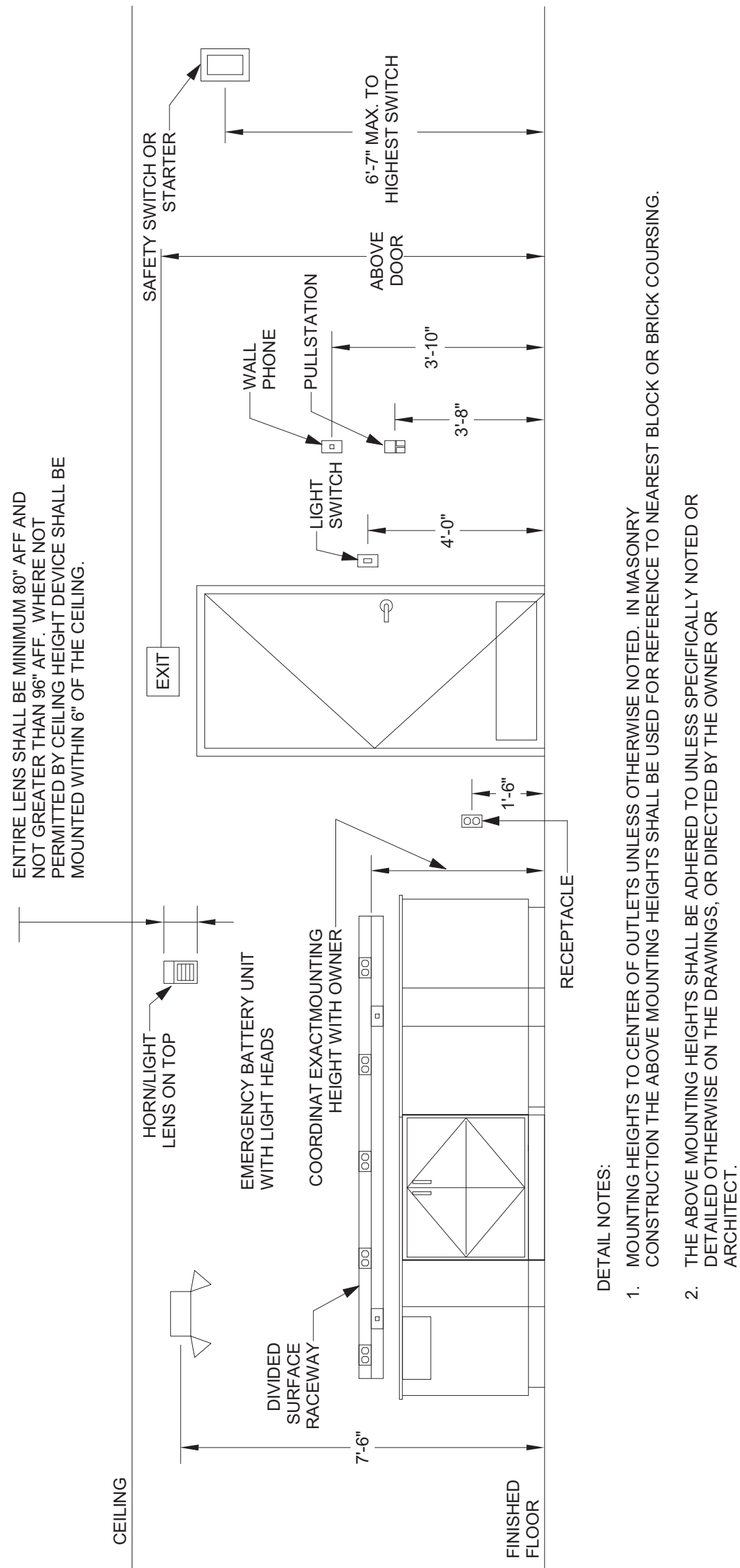
ENLARGED PLAN

DATE: 03/01/2021

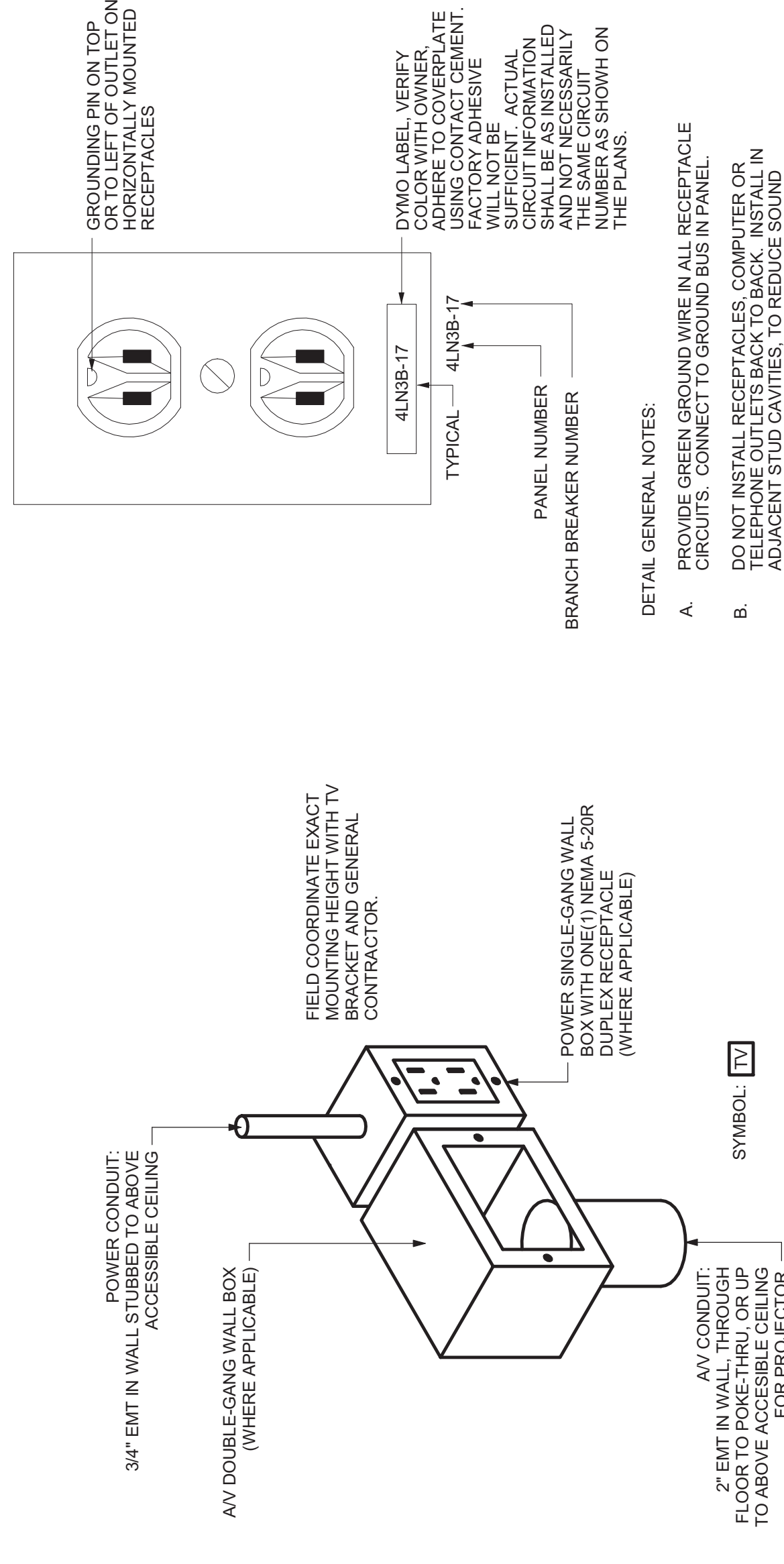
SHEET NO:



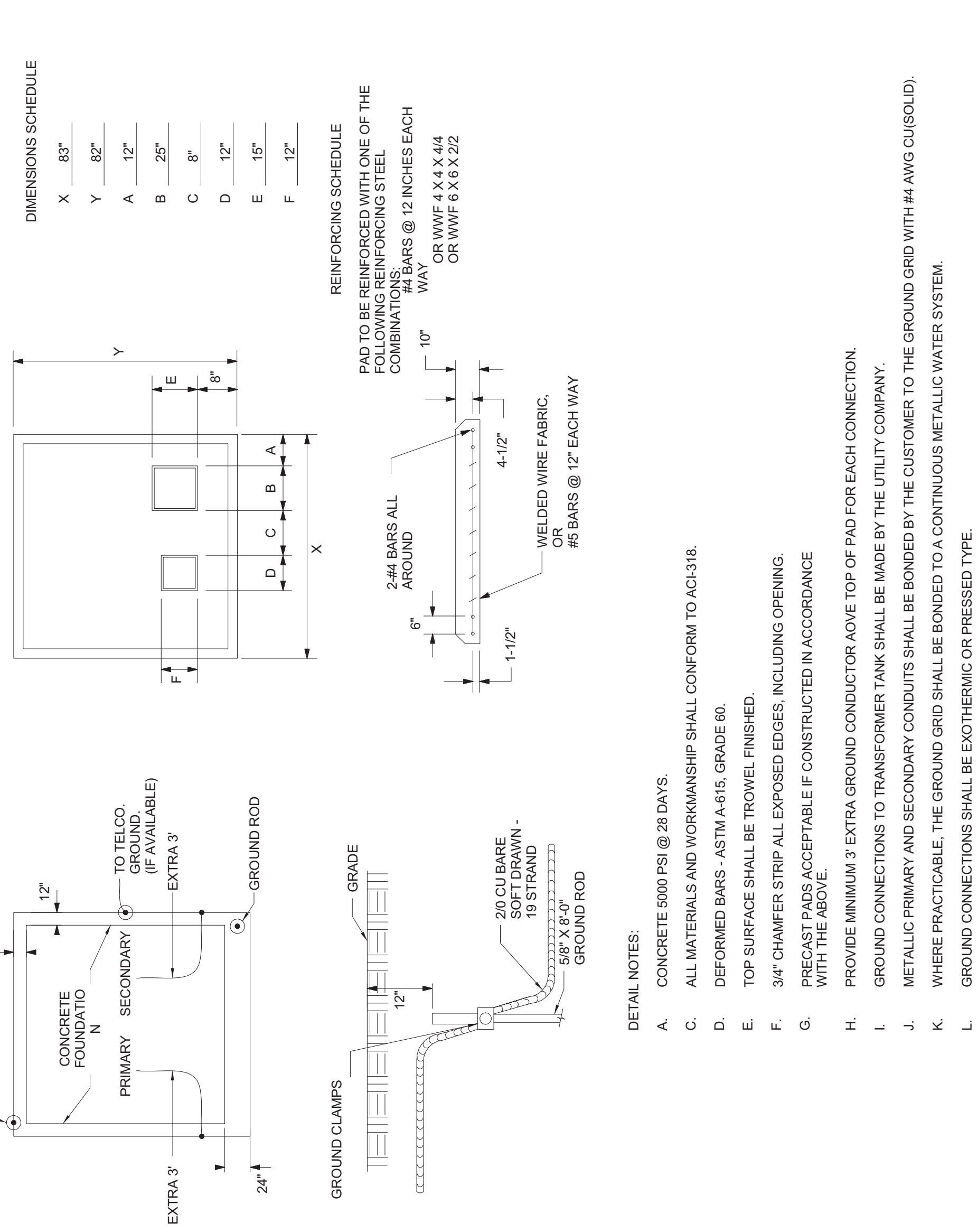
E5.2



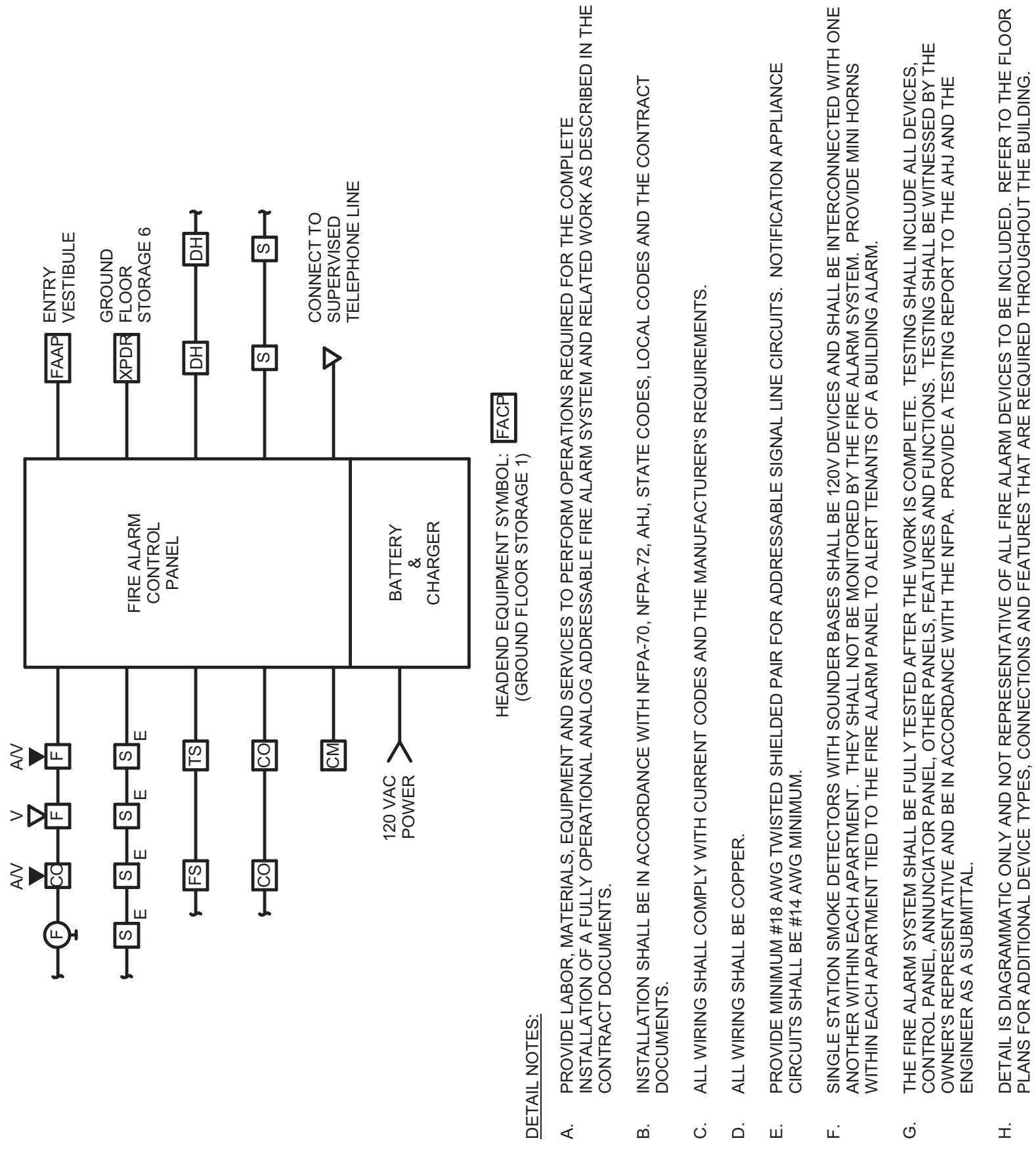
1 TYPICAL MOUNTING HEIGHTS
NO SCALE



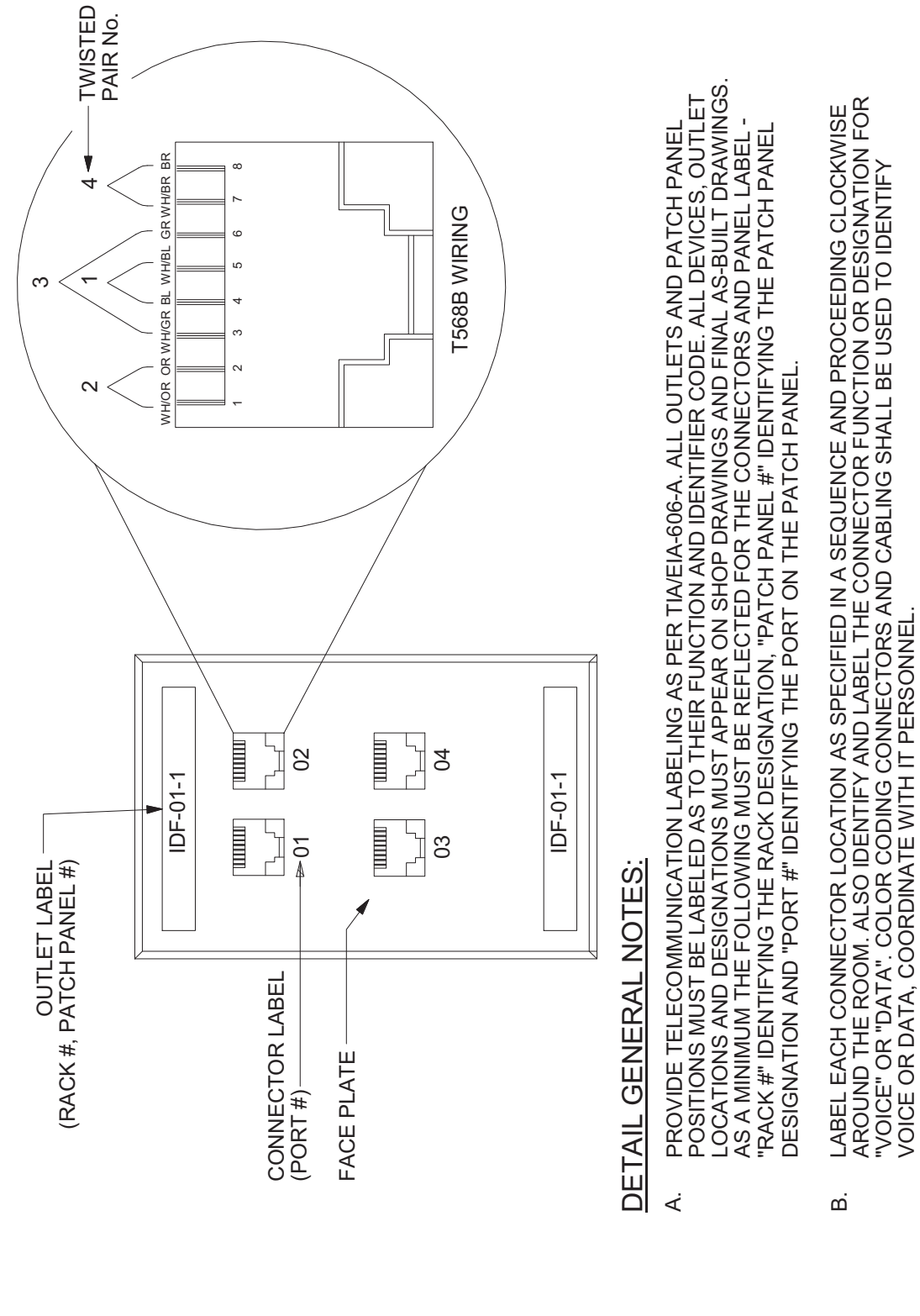
5 TYPICAL COMBINATION POWER & TELEVISION OUTLET DETAIL
NO SCALE



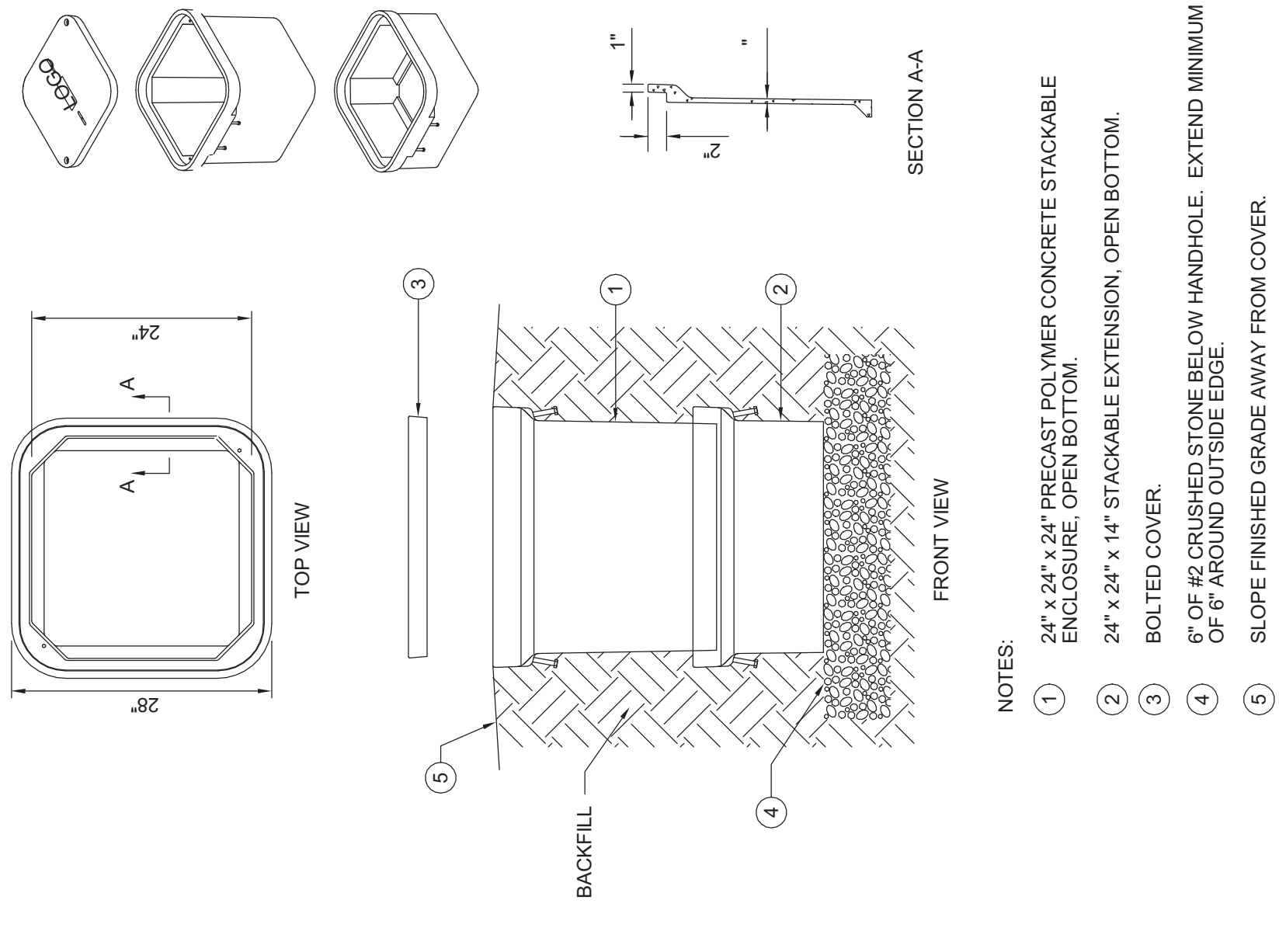
10 UTILITY TRANSFORMER PAD DETAIL
NONE



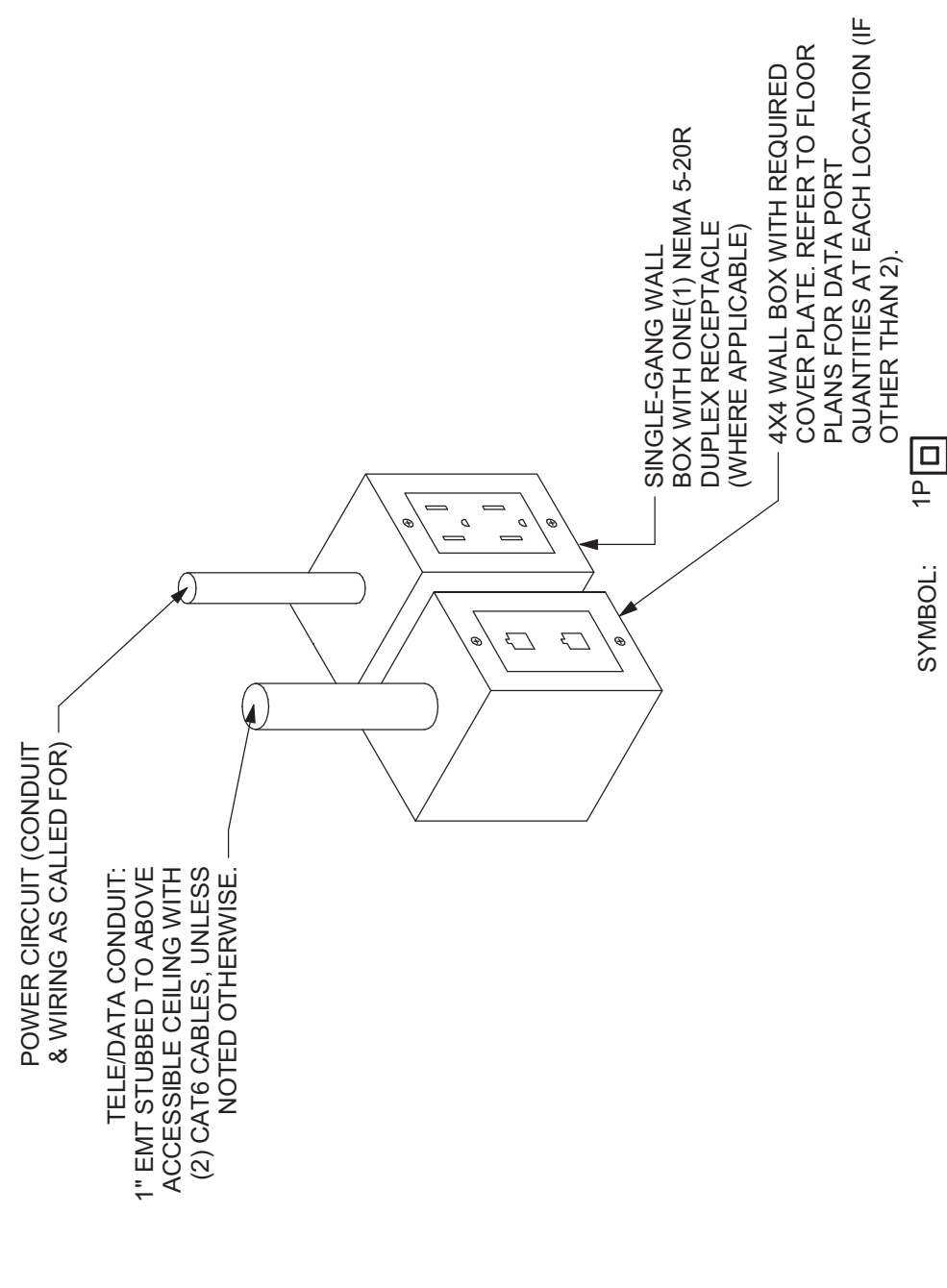
2 FIRE ALARM BLOCK DIAGRAM
NO SCALE



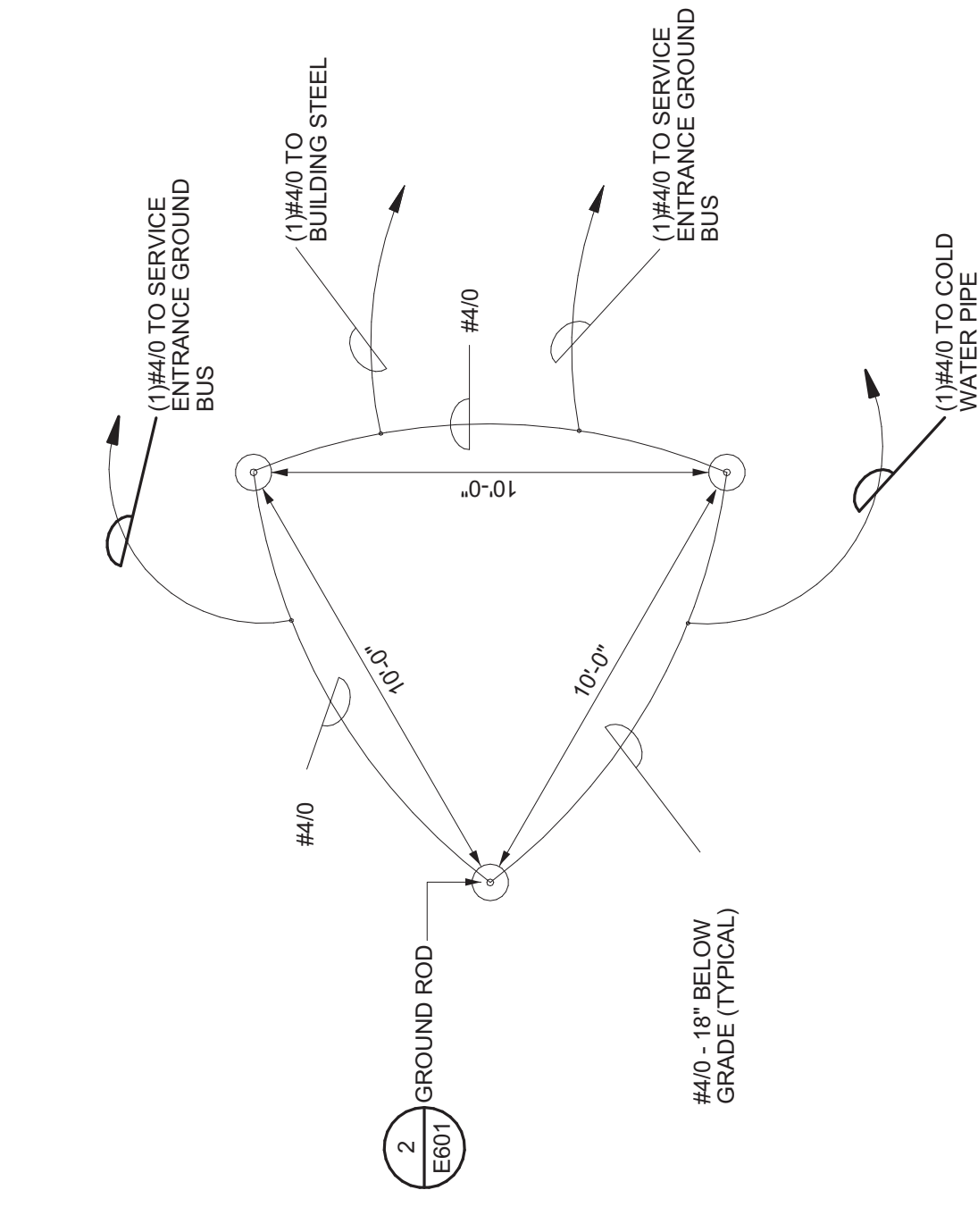
7 TYPICAL TELEDATA COVERPLATE DETAIL
NO SCALE



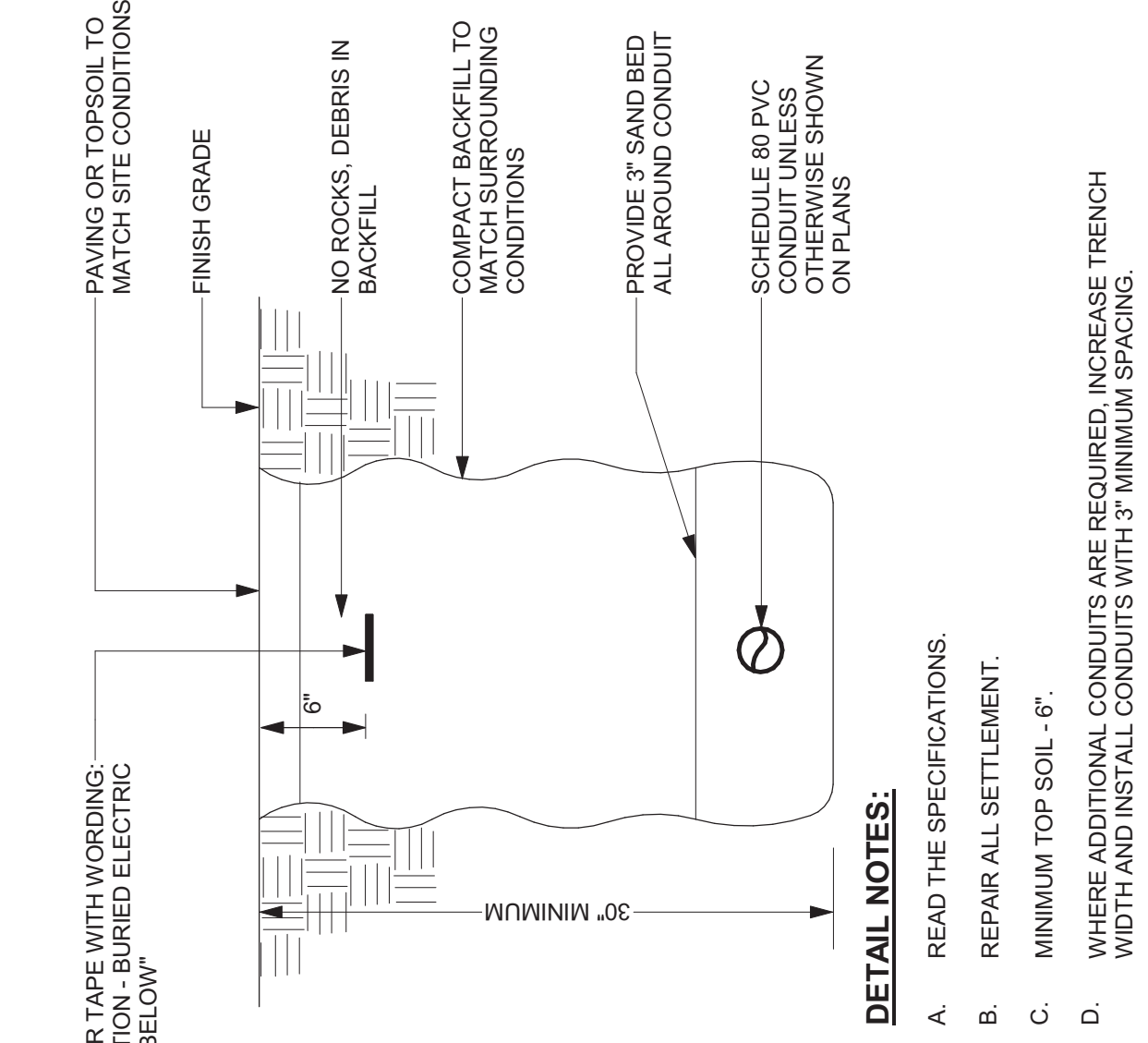
8 TYPICAL EQUIPMENT GROUND BAR DETAIL
NO SCALE



3 TYPICAL COMBINATION POWER & TELE/DATA OUTLET DETAIL
NO SCALE



9 TYPICAL GROUNDING SYSTEM DETAIL
NONE



13 TYPICAL UNDERGROUND CONDUIT DETAIL
NO SCALE

PROJECT NO. 200253

DESIGNED BY: DAS

DRAWN BY: DAS

CHECKED BY: SEE

SCALE: NTS

ME ENGINEERING

MECHANICAL / ELECTRICAL / PLUMBING

200 WEST 10TH STREET, SUITE 200, NEW YORK, NY 10014

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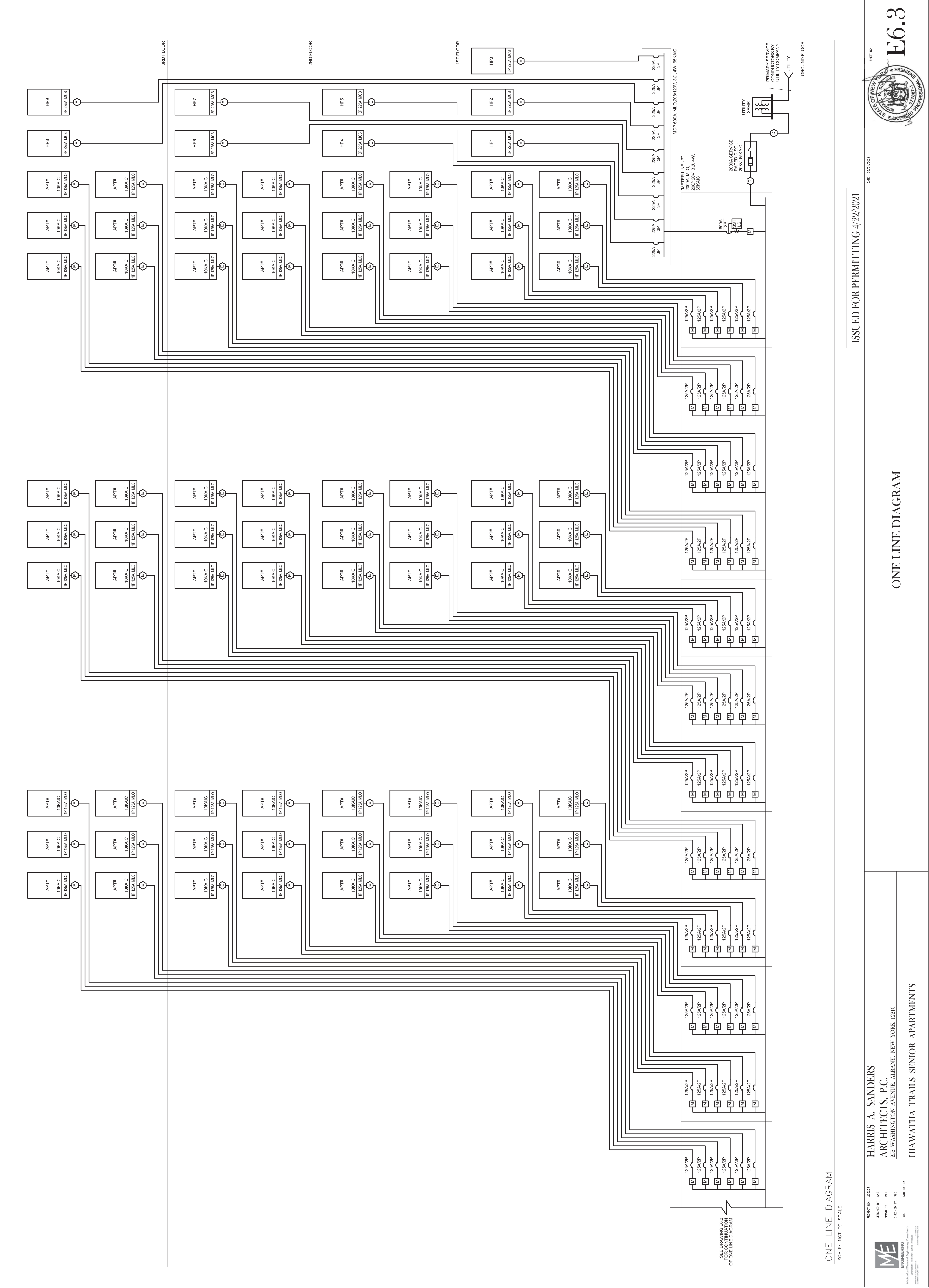
HIAWATHA TRAILS SENIOR APARTMENTS

ISSUED FOR PERMITTING 4/22/2021

DATE: 03/07/2021

SHEET NO.

E6.1



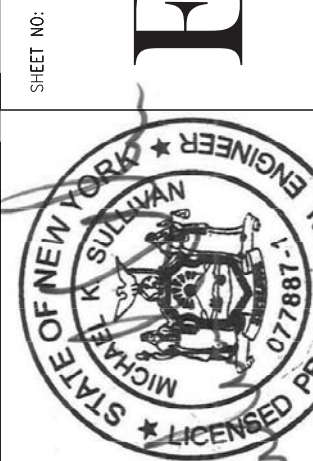
ONE LINE DIAGRAM

SCALE: NOT TO SCALE

ISSUED FOR PERMITTING 4/22/2021

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HIWAATHA TRAILS SENIOR APARTMENTS

PROJECT NO.: 200155
DESIGNED BY: DAS
DRAWN BY: DAS
CHECKED BY: SEE
SCALE: NOT TO SCALE



DATE: 03/01/2021

SHEET NO.

LUMINAIRE SCHEDULE							
TYPE	DESCRIPTION	MFR. & CATALOG No.	LAMP	VOLTAGE	MOUNTING	UNIT WATTS	REFERENCE NOTES
A1	EXTERIOR WALL MOUNTED LED FIXTURE WITH FORWARD THROW DISTRIBUTION AND 50 MINUTES OF BATTERY BACK UP	LITHONIA LIGHTING LST LED SERIES OR APPROVED EQUAL	LED 4000K 1500 LUMENS	120V	WALL	12W	2, 3, 4
	SURFACE MOUNTED EXIT SIGN WITH RED LED LIGHT SOURCE, 120V, 1500 LUMENS, FINISH AND 50 MINUTES OF BATTERY BACK UP	BECHHELLI EXIT SIGN, XCL SERIES OR APPROVED EQUAL	LED	120V	CEILING OR WALL	4W	2, 3, 4, 5
	LED EMERGENCY LIGHTING UNIT, LOW PROFILE, WHITE THERMOPLASTIC HOUSING, 120V, 1500 LUMENS, BATTERY BACKUP AND ADJUSTABLE HEADS	BECHHELLI PACO (PEH) SERIES OR APPROVED EQUAL	LED	120V	SURFACE / WALL 6" 8" AFF	18W	2, 3, 4

REFERENCE NOTES:

1. PROVIDE INTEGRAL REMOTE HEADS WHERE LOCATED AT DOORS.
2. CONFIRM ALL FINISH COLORS WITH THE ARCHITECT.
3. VERIFY CEILING TYPE WITH ARCHITECTURAL PLANS AND PROVIDE REQUIRED MOUNTING.
4. COORDINATE MOUNTING HEIGHTS WITH ARCHITECTURAL PLANS.
5. REFER TO FLOOR PLANS FOR MOUNTING TYPE AND NUMBER OF FACES FOR EACH EXIT SIGN.

[illegible]

APARTMENT PANELBOARD DIRECTORY - 2 BEDROOM																		
PROJECT:	PROJECT NO:	DATE:	LOCATION:	HAWAITHA TRAILS SENIOR APARTMENTS				HAWAITHA TRAILS SENIOR APARTMENTS				TYPE:						
				APT #	PANEL NAME:	VOLTAGE:	LINE TO LINE	PHASE:	BRANCH									
FACILITY:	FACILITY:	FACILITY:	FACILITY:	203/253	425/2021	125A	125A	Y...	1	WIRE	3	MAIN LGUS	MAIN CKT...	MOUNTING:	FLUSH			
				10k	10k	10k	10k	10k	10k	10k	10k						10k	10k
LOCATION:	LOCATION:	LOCATION:	LOCATION:	TYPICAL 2 BEDROOM APARTMENTS				METER STACK										
				10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	10k	
DESCRIPTION	CKT NO	TRIP	LTG. VA	RECEP. VA	HVAC VA	LNDRY VA	RANGE VA	SM APP VA	SH APP VA	RANGE VA	LNDRY VA	HVAC VA	RECEP. VA	LTG. VA	TRIP	CKT NO	DESCRIPTION	
LIGHTING	1a	20A/1P	894				1000	1000	4000	4000					50A/2P	2a	DISHWASHER	
REFRIGERATOR	1b	20A/1P					1000	1000	4000	4000					50A/2P	40	RANGE	
MICROWAVE	1c	20A/1P			2080		750					1468			20A/2P	68		
PTAC-2A	1d	30A/2P			2080							1468			20A/2P	68	PTAC-2B	
	1e	30A/2P			2080							1468			20A/2P	68		
PTAC-2C	1f	20A/2P			1468							1350			20A/1P	120	HHW-B	
	1g	20A/2P			1468							1350			15A/1P	144	(2) TEE-B	
GARBAGE DISPOSAL	1h	20A/1P			1468		1140					40			200	20A/1P	160	NURSE CALL
	1i	30A/2P			1500						500				20A/1P	180	WASHER	
DRYER	1j	30A/2P			1500										900	20A/1P	200	REC. BEDROOM 1
REC. EXTERIOR	19a	20A/1P		360								1260			20A/1P	22a	REC. BEDROOM 2	
REC. BATHROOMS	21b	20A/1P		360								1260			20A/1P	24b	REC. LIVING ROOM	
REC. KITCHEN	25a	20A/1P																
REC. KITCHEN	25b	20A/1P					540									26a		
REC. KITCHEN	27a	20A/1P					540									28b		
REC. KITCHEN	28a	20A/1P														30a		