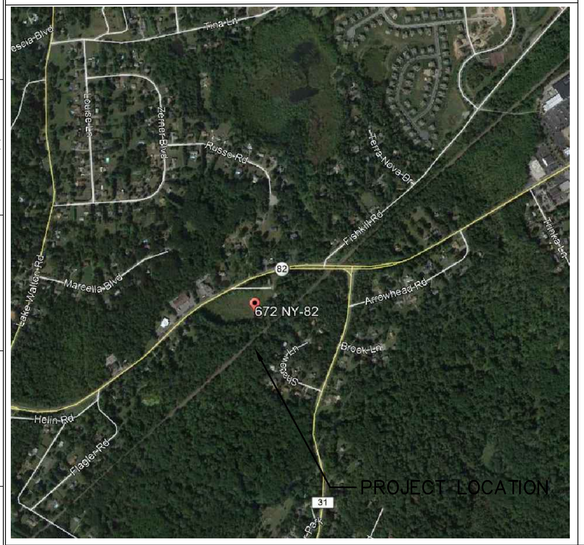
HOPEWELL SENIOR LIVING



672 ROUTE 82
HOPEWELL JUNCTION, NEW YORK

Site Location Map



Abbreviations

A.B.	ANCHOR BOLT
AC	ACOUSTICAL
ACT	ACOUSTICAL CEILING TILE
ADJ	ADJACENT
AFF	ABOVE FINISH FLOOR
ALUM	ALUMINUM
ANOD	ANODIZED
A.P.	ACCESS PANEL
ARCH	ARCHITECT
ASPH	ASPHALT
APPROX	APPROXIMATE
	AT
BLDG	BUILDING
BLK	BLOCK
BOTT	BOTTOM
BRK	BRICK
CBL	CONC BLOCK
CLG	CEILING
C.T.	CERAMIC TILE
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CONT	CONTINUOUS
C.J.	CONTROL JOINT
L	CENTERLINE
CB	CATCH BASIN
DET	DETAIL
DIA./O	DIAMETER
DN	DOWN
DR	DRAIN
DWG	DRAWING
ELEC	ELECTRIC
EL/ELEV	ELEVATION
EQUIP.	EQUIPMENT
EXIST	EXISTING
EXP. JT.	EXPANSION JOINT
EXTER	EXTERIOR
FIN FL	FINISHED FLOOR
FD	FLOOR DRAIN
FDN.	FOUNDATION
FGL	FIBERGLASS
FL	FLOOR
GA	GAGE/GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GL	GLASS
GWB	GYPSUM WALL BOARD
HC	HUNG CEILING
HDWE	HARDWARE
HM	HOLLOW METAL
HOR.	HORIZONTAL
HP	HIGH POINT
H+V	HEATING + VENTILATING
I.D.	INSIDE DIAMETER
INSUL	INSULATION
JAN.	JANITOR
JT.	JOINT
LAM	LAMINATE
MAS.	MASONRY
MATL	MATERIAL
MECH.	MECHANICAL
MIN	MINIMUM
MO	MASONRY OPENING
MAX	MAXIMUM
MET	METAL
N.I.C.	NOT IN CONTRACT
NTS	NOT TO SCALE
NO.	NUMBER
OPNG	OPENING
OC	ON CENTER
PARTN	PARTITION
P+D	PLUMBING + DRAINAGE
POLY	POLYURETHANE
PL	PLATE
P.T.	PRESSURE TREATED
PTD	PAINTED
R	RISER OR RADIUS
RD	ROOF DRAIN
REINF	REINFORCED
REQD	REQUIRED
RM	ROOM
SC	SOLID CORE
SECT	SECTION
SIM	SIMILAR
SPEC	SPECIFICATION
STL	STEEL
SAD	SADDLE
STOR	STORAGE
T	TREAD OR TOP
TC	TOP OF CURB
TEL	TELEPHONE
T&G	TONGUE AND GROOVE
THK	THICK
TW	TOP OF WALL
TYP	TYPICAL
VB	VAPOR BARRIER
VERT	VERTICAL
VCT	VINYL COMPOSITION TILE
VWF	VINYL WALL FABRIC
W	WIDE
WAINS	WAINSCOT
WH	WEEP HOLE
WWF	WELDED WIRE FABRIC
W/	WITH
WD	WOOD

Symbols

- 1 / A-1 — SECTION LETTER OR NUMBER; BUILDING SECTION; DRAWING NUMBER
- 1 / A-1 — WALL SECTION
- 1 / A-1 — DETAIL
- D1 — DOOR NUMBER
- W1 — WINDOW NUMBER
- 100 — ROOM OR SPACE NUMBER
- ELEVATION MARK* ELEVATIONS
- TW / 1'-0" — ABBREVIATION OF POINT TAKEN ELEVATION MARK* PLANS
- F*1 — FOUNDATION TYPE
- 1 / 2 / 3 / 4 / A-1 — DIRECTION + NUMBER OF ELEVATION INTERIOR ELEVATION; DRAWING FOUND ON

Material Legend

- * CONCRETE
- * CONCRETE BLOCK
- * BRICK
- * INSULATION
- * WOOD
- * METAL / STEEL
- * POUROUS FILL
- * EARTH
- * EXISTING TO REMAIN
- * EXISTING TO BE REMOVED
- * NEW STUD WALLS OR PARTITIONS (PLAN)

Drawing List

TS TITLE SHEET
CS1 CODE NOTES
CS2 GENERAL NOTES AND CODE NOTES

LIFE SAFETY
LS101 LIFE SAFETY PLAN: GROUND FLOOR
LS102 LIFE SAFETY PLAN: SECOND FLOOR
LS103 LIFE SAFETY PLAN: THIRD FLOOR

STRUCTURAL
S100 GENERAL NOTES
S101 GENERAL NOTES
S200 PARTIAL FOUNDATION PLAN
S201 PARTIAL FOUNDATION PLAN
S202 PARTIAL FOUNDATION PLAN
S203 PARTIAL GRND FP W/ CEILING FRAMING (ABOVE)
S204 PARTIAL GRND FP W/ CEILING FRAMING (ABOVE)
S205 PARTIAL GRND FP W/ CEILING FRAMING (ABOVE)
S206 PARTIAL 2ND FP W/ CEILING FRAMING (ABOVE)
S207 PARTIAL 2ND FP W/ CEILING FRAMING (ABOVE)
S208 PARTIAL 2ND FP W/ CEILING FRAMING (ABOVE)
S209 PARTIAL 3RD FP W/ CEILING FRAMING (ABOVE)
S210 PARTIAL 3RD FP W/ CEILING FRAMING (ABOVE)
S211 PARTIAL 3RD FP W/ CEILING FRAMING (ABOVE)
S212 PARTIAL ROOF PLAN
S213 PARTIAL ROOF PLAN
S214 PARTIAL ROOF PLAN
S215 TYPICAL FOUNDATION @ UNITS
S216 TYPICAL DECK FRAMING @ UNITS
S217 TYPICAL DECK FRAMING @ UNITS
S300 STRUCTURAL DETAILS
S301 STRUCTURAL DETAILS
S302 STRUCTURAL DETAILS
S303 STRUCTURAL DETAILS
S304 STRUCTURAL DETAILS
S305 STRUCTURAL DETAILS
S306 STRUCTURAL DETAILS
S307 STRUCTURAL DETAILS
S308 STRUCTURAL DETAILS
S309 STRUCTURAL DETAILS
S310 STRUCTURAL DETAILS
S400 PERMANENT TRUSS RESTRAINED / BRACING

ARCHITECTURAL
A101 PROPOSED GROUND FLOOR PLAN
A102 PROPOSED SECOND FLOOR PLAN
A103 PROPOSED THIRD FLOOR PLAN
A104 PROPOSED ATTIC PLAN
A105 PROPOSED ROOF PLAN
A110 PROPOSED PARTIAL GROUND FLOOR PLAN – RIGHT WING
A111 PROPOSED PARTIAL GROUND FLOOR PLAN – CENTER SECTION
A112 PROPOSED PARTIAL GROUND FLOOR PLAN – LEFT WING
A113 REFLECTED CEILING PLAN: PARTIAL GROUND FLOOR – RIGHT WING
A114 REFLECTED CEILING PLAN: PARTIAL GROUND FLOOR – CENTER SECTION
A115 REFLECTED CEILING PLAN: PARTIAL GROUND FLOOR – LEFT WING
A120 PROPOSED PARTIAL SECOND FLOOR PLAN – RIGHT WING
A121 PROPOSED PARTIAL SECOND FLOOR PLAN – CENTER SECTION
A122 PROPOSED PARTIAL SECOND FLOOR PLAN – LEFT WING
A123 REFLECTED CEILING PLAN: PARTIAL SECOND FLOOR – RIGHT WING
A124 REFLECTED CEILING PLAN: PARTIAL SECOND FLOOR – CENTER SECTION
A125 REFLECTED CEILING PLAN: PARTIAL SECOND FLOOR – LEFT WING
A130 PROPOSED PARTIAL THIRD FLOOR PLAN – RIGHT WING
A131 PROPOSED PARTIAL THIRD FLOOR PLAN – CENTER SECTION
A132 PROPOSED PARTIAL THIRD FLOOR PLAN – LEFT WING
A133 REFLECTED CEILING PLAN: PARTIAL THIRD FLOOR – RIGHT WING
A134 REFLECTED CEILING PLAN: PARTIAL THIRD FLOOR – CENTER SECTION
A135 REFLECTED CEILING PLAN: PARTIAL THIRD FLOOR – LEFT WING
A201 PROPOSED EXTERIOR ELEVATIONS
A202 PROPOSED ENLARGED NORTHEAST ELEVATIONS
A203 PROPOSED ENLARGED SOUTHEAST ELEVATIONS
A301 BUILDING SECTION
A302 BUILDING SECTION
A303 BUILDING SECTION
A304 STAIR SECTION AND ENLARGED PLANS
A400 ENLARGED TYPICAL PLAN AND RCP – UNIT A
A410 ENLARGED TYPICAL PLAN AND RCP – UNIT B
A420 ENLARGED TYPICAL PLAN AND RCP – UNIT C
A430 ENLARGED TYPICAL PLAN AND RCP – UNIT D
A440 ENLARGED TYPICAL PLAN AND RCP – UNIT E
A450 ENLARGED TYPICAL PLAN AND RCP – UNIT F
A460 INTERIOR ELEVATIONS
A470 MILLWORK DETAILS AND SECTIONS
A501 DETAILS
A502 FIREPLACE DETAILS
A503 DETAILS
A504 DETAILS
A600 DOOR AND WINDOW SCHEDULE. DOOR, FRAME AND WINDOW TYPES
A601 FINISH SCHEDULES

FIRE PROTECTION
FP 1.0 FIRE PROTECTION FIRST FLOOR
FP 1.1 FIRE PROTECTION SECOND FLOOR
FP 1.2 FIRE PROTECTION THIRD FLOOR

PLUMBING
P101 PLUMBING NOTES, LEGEND, SCHEDULE & DETAILS
P102 SANITARY RISER DIAGRAMS (1 OF 2)
P103 SANITARY RISER DIAGRAMS (2 OF 2)
P201 FIRST FLOOR SANITARY DRAINAGE PLAN
P202 SECOND FLOOR SANITARY DRAINAGE PLAN
P203 THIRD FLOOR SANITARY DRAINAGE PLAN
P301 FIRST FLOOR WATER & GAS DISTRIBUTION PLAN
P302 SECOND FLOOR WATER DISTRIBUTION PLAN
P303 THIRD FLOOR WATER DISTIRBUTION PLAN
P401 FIRST FLOOR ROOF DRAINAGE PLAN
P402 SECOND FLOOR ROOF DRAINAGE PLAN
P403 THIRD FLOOR ROOF DRAINAGE PLAN
P404 ROOF DRAINAGE PLAN
P501 ENLARGED APARTMENT PLUMBING PLANS (1 OF 2)
P502 ENLARGED APARTMENT PLUMBING PLANS (2 OF 2)

MECHANICAL
M101 MECHANICAL NOTES & EQUIPMENT SCHEDULES
M102 MECHANICAL EQUIPMENT SCHEDULES
M103 MECHANICAL LEGEND & DETAILS
M201 PARTIAL FIRST FLOOR HVAC PLAN –LEFT SECTION
M202 PARTIAL FIRST FLOOR HVAC PLAN –CENTER SECTION
M203 PARTIAL FIRST FLOOR HVAC PLAN –RIGHT SECTION
M301 PARTIAL SECOND FLOOR HVAC PLAN –LEFT SECTION
M302 PARTIAL SECOND FLOOR HVAC PLAN –CENTER SECTION
M303 PARTIAL SECOND FLOOR HVAC PLAN –RIGHT SECTION
M401 PARTIAL THIRD FLOOR HVAC PLAN –LEFT SECTION
M402 PARTIAL THIRD FLOOR HVAC PLAN –CENTER SECTION
M403 PARTIAL THIRD FLOOR HVAC PLAN –RIGHT SECTION
M501 PARTIAL ROOF HVAC PLAN –CENTER SECTION
M601 ENLARGED APARTMENT HVAC PLANS (1 OF 2)
M602 ENLARGED APARTMENT HVAC PLANS (2 OF 2)

ELECTRICAL
E101 ELECTRIC NOTES, LEGEND, SCHEDULES & DETAILS
E102 ELECTRIC ONE–LINE DIAGRAM
E103 GROUNDING DETAILS & METER SET ELEVATIONS
E104 ELECTRIC DETAILS & CALCULATIONS
E105 ELECTRIC PANEL SCHEDULES (1 OF 2)
E106 ELECTRIC PANEL SCHEDULES (2 OF 2)
E201 PARTIAL FIRST FLOOR LIGHTING PLAN –LEFT SECTION
E202 PARTIAL FIRST FLOOR LIGHTING PLAN –CENTER SECTION
E203 PARTIAL FIRST FLOOR LIGHTING PLAN –RIGHT SECTION
E204 PARTIAL SECOND FLOOR LIGHTING PLAN –LEFT SECTION
E205 PARTIAL SECOND FLOOR LIGHTING PLAN –CENTER SECTION
E206 PARTIAL SECOND FLOOR LIGHTING PLAN –RIGHT SECTION
E207 PARTIAL THIRD FLOOR LIGHTING PLAN –LEFT SECTION
E208 PARTIAL THIRD FLOOR LIGHTING PLAN –CENTER SECTION
E209 PARTIAL THIRD FLOOR LIGHTING PLAN –RIGHT SECTION
E301 PARTIAL FIRST FLOOR POWER DISTRIBUTION & FIRE ALARM PLAN –LEFT SECTION
E302 PARTIAL FIRST FLOOR POWER DISTRIBUTION & FIRE ALARM PLAN –CENTER SECTION
E303 PARTIAL FIRST FLOOR POWER DISTRIBUTION & FIRE ALARM PLAN –RIGHT SECTION
E304 PARTIAL SECOND FLOOR POWER DISTRIBUTION & FIRE ALARM PLAN –LEFT SECTION
E.305 PARTIAL SECOND FLOOR POWER DISTRIBUTION & FIRE ALARM PLAN –CENTER SECTION
E.306 PARTIAL SECOND FLOOR POWER DISTRIBUTION & FIRE ALARM PLAN –RIGHT SECTION
E.307 PARTIAL THIRD FLOOR POWER DISTRIBUTION & FIRE ALARM PLAN –LEFT SECTION
E.308 PARTIAL THIRD FLOOR POWER DISTRIBUTION & FIRE ALARM PLAN –CENTER SECTION
E.309 PARTIAL THIRD FLOOR POWER DISTRIBUTION & FIRE ALARM PLAN –RIGHT SECTION
E.310 PARTIAL ROOF POWER DISTRIBUTION & FIRE ALARM PLAN –CENTER SECTION
E.401 ENLARGED APARTMENT ELECTRIC PLANS (1 OF 2)
E.402 ENLARGED APARTMENT ELECTRIC PLANS (2 OF 2)
E.403 ENLARGED UTILITY ROOM ELECTRIC PLANS

POOL
1–4 OVERALL POOL AREA LAYOUT
2–4 SWIMMING POOL PLAN & SECTION VIEW
3–4 MECHANICAL ROOM PLAN VIEW
4–4 DETAILS

No.	REVISION/SUBMISSION	DATE
	ISSUED FOR BID	11/12/21

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

DRAWING
TITLE SHEET

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11–12–21

DRAWING NUMBER: TS

FILE P:\2018\18105-SEGRET EAST FISHKILL APARTMENTS

BUILDING CODE OF NEW YORK STATE ANALYSIS (2020)

CLIMATE AND GEOGRAPHIC DESIGN CRITERIA:

GROUND SNOW LOAD (FIG. 1608.2)	WIND – SPEED (FIG. 1609)	SEISMIC DESIGN CATEGORY	SUBJECT TO DAMAGE FROM:				WINTER DESIGN TEMPERATURE	ICE SHIELD UNDERLAYMENT REQUIRED	FLOOD HAZARDS
			WEATHERING	FROST DEPTH	TERMITE	DECAY			
40 PSF	120 MPH	B	SEVERE	48"	MODERATE TO HEAVY	SLIGHT TO MODERATE	2 DEG. F	YES	ADOPTED 7/18/90 CURRENT FIRM 9/8/99

INTERNATIONAL BUILDING CODE
Publication Date: 2020

REQUIRED	PROPOSED
CHAPTER 3 – USE & OCCUPANCY CLASSIFICATION:	
OCCUPANCY : R–2, RESIDENTIAL, APARTMENT HOUSE W/ A–3 USES	R–2
CHAPTER 4 – SPECIAL REQUIREMENTS BASED ON USE & OCCUPANCY CLASSIFICATION:	SECTION 420.2 – SEPARATION WALLS REQUIRED TO BE FIRE PARTITIONS (708) SECTION 420.3 – HORIZONTAL ASSEMBLIES REQUIRED. (711) SECTION 420.4 – AUTOMATIC SPRINKLER SYSTEM REQUIRED (903.2.8) SECTION 420.5 – FIRE ALARM/SMOKE REQUIRED (907.2.9)
CHAPTER 5 – GENERAL BUILDING HEIGHT & AREAS:	
GROUP R2 TABLE 504.3 – 70 FT. MAX. HT. (R–S) (V–A) TABLE 504.4 – 4 STORIES MAX TABLE 506.2 – 36,000 SF. TABULAR AREA PER FL. I_f AREA INCREASE FACTOR DUE TO FRONTAGE PER SEC. 506.3.3 W = 30 $I_f = [F/P - 0.25]W/30$ $= [1-0.25]30/30$ $= [0.75]1$ $= 0.75$ 506.2.3 SINGLE OCCUPANCY, MULTI–STORY ALLOWABLE AREA INCREASE $A_a = [A + (NS \times I)] \times S$ $A_a = 26,250 \times 3$ $A_a = 78,750$ SF. FOR V–A $A_a = [36,000 + (12,000 \times 0.75)] \times 3$ $A_a = [36,000 + 9,000] \times 3$ $A_a = 45,000 \times 3$ $A_a = 135,000$ MAX SINGLE STORY = 45,000 SF.	UNDER 70 FT. – 3 STORIES – 32,000 SF. (3) 39,200 SF. (2) 41,115 SF. (1) TOTAL GROSS AREA = 112,315 SF. MAX. ALLOWED = 135,000 SF.
FIRE SPRINKLERS – REQUIRED	FIRE SPRINKLERS – PROVIDED
TABLE 508.4 REQUIRED SEPARATION OF OCCUPANCIES – 1 HR	1 HR SEPARATION PROVIDED (A–R) (S)
CHAPTER 6 – TYPES OF CONSTRUCTION: CONSTRUCTION CLASSIFICATION	CONSTRUCTION TYPE CLASSIFIED: – TYPE 5A
TABLE 601 FIRE RESISTANCE RATING REQ'D FOR BLDG. ELEMENTS \ TYPE 5 A STRUCTURAL FRAME 1 HR BEARING WALLS EXTERIOR 1 HR INTERIOR 1 HR NON–BEARING WALLS & PARTITIONS INTERIOR 0 HR FLOOR CONSTRUCTION 1 HR INCLUDING SECONDARY MEMBERS ROOF CONSTRUCTION 1 HR INCLUDING SECONDARY MEMBERS	DESIGN COMPLIES
TABLE 602 FIRE RESISTANCE RATING REQ'D FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCES	ALL PERIMETER BUILDING WALLS EXCEED 30'–0" FROM ADJACENT BUILDINGS AND HAVE NO FIRE RATING REQUIREMENT.
CHAPTER 7 – FIRE RESISTANCE RATED CONSTRUCTION:	NON SEPARATED BUILDING, NO FIRE RATED CONSTRUCTION REQUIRED.

	REQUIRED	PROPOSED
FIRE PARTITIONS SECTION 708	1/2 HR FIRE RATING @ OCCUPANCY SEPARATION	1 HOUR RATING PROVIDED AT CORRIDORS.
FLOOR & ROOF ASSEMBLIES SECTION 711	1/2 HR FIRE RESISTANCE RATING SEPARATING DWELLING & SLEEPING UNITS.	1 HOUR FIRE RESISTANCE RATING PROVIDED
SHAFT ENCLOSURES SECTION 713	1 HR FIRE RESISTANCE RATING FOR SHAFT ENCLOSURES CONNECTING LESS THAN 4 STORIES 1 HR. FIRE RATING FOR STAIR SHAFT ENCLOSURE	1 HR FIRE RESISTANCE RATING PROVIDED 2 HR. FIRE RATING PROVIDED

CHAPTER 8 INTERIOR FINISHES (803.13) MIN CLASS C INTERIOR FINISH MATERIALS	INTERIOR WALL AND CEILING FINISH CLASS REQUIREMENTS PER OCCUPANCY
GROUP (SPRINKLERED) R–2	EXIT ENCLOSURES AND EXIT PASSAGE WAYS / CORRIDORS / ROOMS AND ENCLOSED SPACES CLASS C / CLASS C / CLASS C
CHAPTER 9– FIRE PROTECTION SYSTEMS	AUTOMATIC FIRE SPRINKLERS PROVIDED THROUGHOUT ENTIRE BUILDING STANDPIPE SYSTEM NOT REQUIRED PER SEC. 905.3.1 TAB 906.3(1) FIRE EXTINGUISHER LOCATIONS MAX. TRAVEL DISTANCE : 75 FT (FIRE RATED CABINET, SEMI RECESSED) FIRE ALARM 907.2.9.1 MANUAL FIRE ALARM SYSTEM REQUIRED (>16 D.U.) SMOKE DETECTION 907.2.9.3 AUTOMATIC SMOKE DETECTION SYSTEM REQUIRED @ INTERIOR CORRIDORS @ BEDROOM @ CEILING OUTSIDE OF SLEEPING AREA STAIRWAYS – 3 PROVIDED
CHAPTER 10 – MEANS OF EGRESS:	
SECTION 1004 – EXITS – OCCUPANT LOAD – R–2 RESIDENTIAL 200 GROSS SQ. FT. PER OCC. FIRST FLOOR: 41,115 SQ. FT. / 200 = 206 OCC. SECOND FLOOR: 39,200 SQ. FT. / 200 = 196 OCC. THIRD FLOOR: 32,000 SQ. FT. / 200 = 160 OCC. EXCERCISE – 50 GROSS SQ. FT. PER OCC.: 1,200 SQ. FT. / 50 = 24 OCC. POOL – 50 GROSS SQ. FT. PER OCC.: 840 SQ. FT. / 50 = 17 OCC.	FIRST FLOOR 6 EXITS, (34 OCC/EXIT) SECOND FLOOR 4 EXITS, (49 OCC/EXIT) THIRD FLOOR 3 EXITS, (53 OCC/EXIT) TOTAL OCCUPANT LOAD : 603
SECTION 1005.3.1 MEANS OF EGRESS SIZING – STAIRWAY CAPACITY	53 OCC. MAX./EGRESS x 0.3 INCH CAPACITY FACTOR = 15.9" MIN. STAIR WIDTH = 44" / 48" PROVIDED

REQUIRED	PROPOSED
SECTION 1005.3.2 OTHER EGRESS COMPONENTS – .2 PER OCCUPANT CUMULATIVE MAX STAIR DOOR OCCUPANT LOAD IS 136 X .2" PER OCC. = 27.2" MIN. WIDTH REQUIRED SECTION 1010.1.1: DOORS MIN. 32" WIDE 80" TALL	36" PROVIDED AT EACH STAIR EXIT DOOR
SECTION 1006.2.1: R–2 USE, 2 EXITS REQUIRED PER FLOOR	2 EXITS PROVIDED MIN.
SECTION 1010.1.1 – DOOR WIDTH	32" MINIMUM
SECTION 1010.1.2.1 – DOOR SWING	DOORS SWING OUT IN DIRECTION OF EGRESS TRAVEL EXCEPT WHERE SERVING AN OCCUPANT LOAD OF LESS THAN 50
SECTION 1011.2 – MINIMUM STAIR WIDTH	44" MIN WHERE SERVING AN OCCUPANT LOAD OF MORE THAN 50.
SECTION 1017 – EXIT TRAVEL DISTANCE	PROVIDED – COMPLIES, 250 FT. MAX. WITH A SPRINKLER SYSTEM
SECTION 1020 TABLE 1020.1 – CORRIDOR FIRE RATING	1/2 HOUR FIRE RATING WITH A SPINKLER SYSTEM. 1 HOUR PROVIDED.
CORRIDOR WIDTH TABLE 1020.2 – NOT LESS THAN 36" REQUIRED	60" MIN. PROVIDED
SECTION 1020.4 – CORRIDOR DEAD ENDS	50'–0" MAX. W/ A SPINKLER SYSTEM. NONE PROVIDED.

INTERNATIONAL ENERGY CONSERVATION CODE
PUBLICATION DATE: 2020

	REQUIRED	PROPOSED
CLIMATE ZONE 5A (TABLE C402.1.3)		
ROOF DECK – R–30 CI		
WOOD FRAME WALLS – R–13 + R–7.5 CI OR R–20 + R–3.8 CI		
UNHEATED SLABS / VERT. FOUNDATION – R–10 FOR 24" BELOW		
OPAQUE DOORS	0.37 U FACTOR	
FIXED FENESTRATION	0.38 U FACTOR	
OPERABLE FENESTRATION	0.45 U FACTOR	
SOLAR HEAT GAIN COEFFICIENT	0.38	
ENTRANCE DOOR	0.77 U FACTOR	

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DRAWING
CODE NOTES

SEAL: REGISTERED ARCHITECT MICHAEL J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11–12–21

DRAWING NUMBER
CS1

FILE P:\2018\18105-SEGRETI EAST FISHKILL APARTMENTS

GENERAL PROJECT NOTES

1.) ALL MATERIALS, ASSEMBLIES, CONSTRUCTION AND EQUIPMENT SHALL CONFORM TO THE REGULATIONS OF THE BUILDING CODE OF NEW YORK STATE (2020 EDITION), NEC AND ALL APPLICABLE STATE AND LOCAL CODES AND SHALL CONFORM TO GENERALLY ACCEPTED STANDARDS.

2.) NO DRAWINGS ARE TO BE SCALED: USE DIMENSIONS ONLY.

3.) CONTRACTOR IS TO OBTAIN AND PAY FOR ALL REQUIRED LOCAL PERMITS AND INSPECTIONS (INCLUDING BUILDING DEPT. SUBMISSIONS). NO WORK IS TO COMMENCE UNTIL ALL PERMITS ARE OBTAINED. THIS IS TO INCLUDE THE FINAL CERTIFICATE OF OCCUPANCY.

4.) THOSE ITEMS NOT NOTED, BUT IMPLIED AS NECESSARY FOR THE PERFORMANCE OF THE CONTRACT ARE CONSIDERED PART OF THE WORK.

5.) ALL MATERIAL AND WORKMANSHIP IS TO BE GUARANTEED BY THE CONTRACTOR TO BE FREE OF DEFECTS FOR A PERIOD OF ONE YEAR, THE CONTRACTOR AGREES TO CORRECT WITHOUT CHARGE SUCH CONDITIONS AS MAY OCCUR DURING THE GUARANTEE PERIOD.

6.) ALL WORK IS TO BE EXECUTED BY MECHANICS SKILLED IN THEIR TRADES.

7.) ALL CHANGES AND OR SUBSTITUTIONS ARE TO BE APPROVED IN WRITING BEFORE BEING INCORPORATED INTO THE WORK.

8.) ALL TRADES TO COOPERATE WITH EACH OTHER TO FACILITATE THE PROGRESS OF THE ENTIRE JOB.

9.) CONTRACTOR IS TO PROTECT THE PUBLIC AND PREMISES DURING THE PERIOD OF CONSTRUCTION WITH ADEQUATE SHORING, BRACING, FENCING, LIGHTING, ETC. .

10.) CONTRACTOR IS TO REMOVE ALL RUBBISH FROM THE SITE RESULTING FROM HIS WORK DURING THE PROGRESS OF CONSTRUCTION AND SHALL LEAVE THE PREMISES IN A CONDITION SATISFACTORY TO THE OWNER PRIOR TO THE FINAL INSPECTION, AND ON A DAILY BASIS.

GENERAL NOTES:

1. ALL MANUFACTURER LISTED MATERIALS AND ASSEMBLIES ARE "BASIS OF DESIGN" AND CONSIDER "OR EQUIVALENT" AS APPROVED BY ARCHITECT AND OWNER. IN THE EVENT OF INCONSISTENCIES WITHIN OR BETWEEN PARTS OF THE CONTRACT DOCUMENTS, OR BETWEEN THE CONTRACT DOCUMENTS AND APPLICABLE STANDARDS, CODES AND ORDINANCES, THE CONTRACTOR SHALL:
   (1) PROVIDE THE BETTER QUALITY OR GREATER QUANTITY OF WORK
   OR
   (2) COMPLY WITH THE MORE STRINGENT REQUIREMENT; EITHER OR BOTH IN ACCORDANCE WITH THE ARCHITECT'S INTERPRETATION.
2. VERIFY ALL DIMENSIONS IN FIELD FOR FIT OF UNITS SPECIFIED. MODIFY DIMENSIONS ON SHOP DRAWING AS REQUIRED, PRIOR TO SUBMITTAL OR RELEASE FOR PURCHASE OR FABRICATION.
3. ALL ARCHITECTURAL CASEWORK & WOODWORK IS TO BE INSTALLED ON TOP OF NEW FLOOR FINISHES. (CARPET, SHEET VINYL., ETC.)
4. THE DESIGN OF THE PROJECT IS IN ACCORDANCE WITH THE 2020 NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE.
5. EACH CONTRACTOR TO BE RESPONSIBLE FOR APPLIED FINISHES FOR THEIR WORK.
6. IN AREA OF WORK EACH CONTRACTOR TO BE RESPONSIBLE FOR ALL ADJACENT FINISHED WORK OF OTHER TRADES. EACH CONTRACTOR IS TO PROTECT HIS OWN WORK.
7. ALL CONTRACTORS ARE TO COORDINATE THEIR WORK IN ACCORDANCE WITH DRAWINGS.
8. ALL PENETRATIONS THROUGH RATED WALLS ARE TO BE FIRE-STOPPED BY TRADE MAKING THE PENETRATION, WITH APPROVED MATERIALS AS REQUIRED.
9. ALL DIMENSIONS SHOWN ON DRAWINGS ARE SUBJECT TO VERIFICATION OF ACTUAL DIMENSIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL DIMENSIONS IN THE FIELD TO INSURE PROPER AND ACCURATE FIT OF MATERIALS AND ITEMS TO BE INSTALLED.
10. THE CONTRACTOR SHALL CAREFULLY STUDY AND COMPARE THE CONTRACT DOCUMENTS WITH EACH OTHER AND THE INFORMATION FURNISHED BY THE OWNER, AND SHALL AT ONCE REPORT TO THE ARCHITECT ERRORS, INCONSISTENCIES OR OMISSIONS DISCOVERED. IF THE CONTRACTOR PERFORMS ANY CONSTRUCTION WITHOUT SUCH NOTICE TO THE ARCHITECT, THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR SUCH PERFORMANCE AND SHALL BEAR AN APPROPRIATE AMOUNT OF THE ATTRIBUTABLE COSTS FOR CORRECTION.
11. EQUIPMENT LINES OR PIPING AND/OR CONDUIT ARE SHOWN DIAGRAMMATICALLY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION AND ORDERLY ARRANGEMENT OF THE VARIOUS LINES OF PIPING AND CONDUIT INCLUDED IN THE WORK OF HIS CONTRACT. HE SHALL COORDINATE THE WORK OF SEVERAL CONTRACTORS AND PREVENT ALL INTERFERENCE'S BETWEEN EQUIPMENT, LINES OF PIPING, ARCHITECTURAL FEATURES, AND AVOID ANY UNSIGHTLY ARRANGEMENTS IN THE EXPOSED AREAS.
12. ALL WORK SHALL BE EXECUTED IN A THOROUGH, SUBSTANTIAL, WORKMANLIKE MANNER, IN COMPLETE ACCORDANCE WITH THE MANUFACTURER'S MOST RECENT RECOMMENDATIONS UNLESS OTHERWISE SPECIFIED OR PERMITTED BY THE ARCHITECT.

HEALTH & SAFETY GENERAL NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF CHEMICAL FUMES, GASES, AND OTHER CONTAMINATES PRODUCED BY WELDING, GASOLINE OR DIESEL ENGINES, ROOFING, PAVING, PAINTING, ETC., TO ENSURE THEY DO NOT ENTER OCCUPIED PORTIONS OF THE BUILDING OR AIR INTAKES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ACTIVITIES AND MATERIALS WHICH RESULT IN "OFF-GASSING" OF VOLATILE ORGANIC COMPOUNDS SUCH AS GLUES, PAINTS, FURNITURE, CARPETING, WALL COVERING, DRAPERY, ETC., ARE SCHEDULED, CURED OR VENTILATED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS BEFORE A SPACE CAN BE OCCUPIED.

DOORS & FRAMES

1. CENTER LINE OF ALL PANIC DEVICES. PUSH BARS SHALL BE 38" (3'-2") ABOVE FINISHED FLOOR (MAXIMUM).
2. CLEAN AND CAULK THE FULL PERIMETER OF ALL GLASS, FRAMES, AND PANEL EDGES OF NEW FRAMES AND LITES.
3. ALL NEW FRAMES IN GYPSUM BOARD PARTITIONS TO HAVE THREE (3) ANCHORS PER JAMB MINIMUM INTO STUD AND FRAME.
4. ALL DOOR FRAMES SHALL BE PROVIDED WITH SILENCERS.
5. EXTERIOR METAL DOORS AND FRAMES ARE TO BE INSULATED ALUMINUM.

PLUMBING

1. CONTRACTOR TO PROVIDE AND INSTALL ALL NEW PLUMBING FIXTURES AS INDICATED (SEE PLANS, SPEC, AND SCHEDULE) WITH ALL REQUIRED PIPING, TRAPS, VENTING, CLEANOUTS, ETC., AS SHOWN OR AS REQUIRED PER CODE.
2. ALL EXPOSED PIPING BELOW NEW SINKS/LAVATORIES ARE TO BE INSULATED/PROTECTED TO MEET ALL ADA REQUIREMENTS.
3. CONTRACTOR TO COORDINATE HIS WORK IN SPECIAL ROOMS WITH CASEWORK ROUGH-IN REQUIREMENTS OF THAT TRADE AND TO COORDINATE HIS WORK IN KITCHEN AREAS WITH ROUGH-IN REQUIREMENTS.

ARCHITECTURAL CASEWORK & EQUIPMENT

1. CONTRACTOR IS TO PROVIDE ALL ROUGH-IN INFORMATION ON SHOPS (LOCATION & SIZE) SO AS NOT TO DELAY THE WORK OF OTHER TRADES. THE WORK OF OTHER TRADES IS BUILT INTO THE STRUCTURE, CASEWORK SHOPS MUST BE SUBMITTED AND APPROVED PRIOR TO STRUCTURE FINALIZATION..
2. CONTRACTOR SHALL INSTALL ALL ARCHITECTURAL CASEWORK FOR ALL ROOMS SHOWN ON PLANS OR CALLED FOR IN SCHEDULES. INSTALL ALL TOPS, BACK SPLASHES, FILLERS, BLOCKING, ETC.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PIPE CHASES OR OTHER OBSTRUCTIONS IN FIELD FOR PROPER INSTALLATION OF CABINETWORK AND ALTER WORK AS NECESSARY FOR PROPER FIT.
4. PROVIDE AND INSTALL NEW CONCEALED, FIRE RETARDANT BLOCKING AT ALL NEW ACCESSORIES/CASEWORK AS REQUIRED.

GENERAL CODE NOTES

PENETRATIONS:

ALL THROUGH PENETRATIONS AND MEMBRANE PENETRATIONS OF HORIZONTAL ASSEMBLIES AND FIRE RESISTANCE RATED WALL ASSEMBLIES WILL BE PROTECTED AS PER SECTION 714, EQUAL TO THE PROTECTION OF THE RATED ASSEMBLY.

SIGNAGE:

SIGNAGE REQUIRED BY THE CODE SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR INCLUDING BUT NOT LIMITED TO STAIR IDENTIFICATION SIGNS AS PER SECTION 1023.8, 1023.9, 1023.10; AND ACCESSIBILITY SIGNAGE REQUIRED BY SECTION 1111 AND SECTION 1013 FOR EXIT SIGNAGE OF THE CODE.

EMERGENCY ESCAPE AND RESCUE:

AS PER SECTION 1030 EACH SLEEPING ROOM SHALL HAVE AT LEAST ONE EXTERIOR EMERGENCY EGRESS RESCUE OPENING, EACH TO HAVE A NET CLEAR OPENING OF A MINIMUM OF 5.7 SQ FT. THE NET CLEAR HEIGHT OF OPENING SHALL BE NO LESS THAN 24", THE NET CLEAR WIDTH OF THE OPENING SHALL BE NO LESS THAN 20" AND THE BOTTOM OF THE CLEAR OPENING SHALL NOT BE GREATER THAN 44" ABOVE FINISH FLOOR.

WINDOW GUARDS:

AS PER SECTION 1015.8, THE OPERABLE WINDOWS IN THE RESIDENTIAL UNITS ARE REQUIRED TO BE INSTALLED WITH EITHER ONE OF TWO OPTIONS FOR THIS PROJECT:
A. EITHER A WINDOW FALL PREVENTION DEVICE THAT COMPLIES WITH ASTM F2090 (AS PER ITEM 3 OF 1015.8) OR
B. OPERABLE WINDOWS THAT ARE PROVIDED WITH WINDOW OPENING DEVICES THAT COMPLY WITH ASTM F2090 AND SECTION 1015.8.1 (ITEM 3 OF 1015.8) AND THAT DO NOT CONFLICT WITH THE EMERGENCY EGRESS OPERATION AS PER 1030.2

ACCESSIBLE DWELLING UNIT AND SLEEPING UNIT REQUIREMENTS:

TOTAL # UNITS: 84
PER TABLE 1107.6.1.1 – 5 SHOULD BE TYPE B UNITS, BUT SECTION 1107.6.2.2.2 – AT FOUR OR MORE DWELLING UNITS IN A SINGLE STRUCTURE, EVERY DWELLING UNIT SHALL BE A TYPE B UNIT.

AREAS OF REFUGE – NOT REQUIRED

AS PER SECTION 1009.3 EXCEPTION 5 AND SECTION 1009.4 EXCEPTION 2 AREAS OF REFUGE ARE NOT REQUIRED IN SPRINKLERED BUILDING, HOWEVER EACH STAIRWELL WILL HAVE A COMPLIANT AREA OF REFUGE.

No.	REVISION/SUBMISSION	DATE
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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

DRAWING
GENERAL NOTES AND CODE NOTES

REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

SEAL	DRAWN BY	PROJECT NUMBER
	TS	18105
	CHECKED BY	DATE
	DP	11-12-21
	DRAWING NUMBER	
	CS2	

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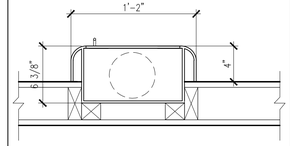


A-1 GROUND FLOOR PLAN
1/16"=1'-0"

N PROJECT NORTH

FEC NOTES & DETAILS

1. CONTRACTOR TO PROVIDE AND INSTALL NEW SURFACE MOUNTED FIRE EXTINGUISHER CABINET TO BE JL INDUSTRIES AMBASSADOR MODEL 1013. SEMI RECESSED MODEL TO BE ADA COMPLIANT MODEL# 1012W10 WITH ROUNDED EDGES.
2. CONTRACTOR TO PROVIDE AND INSTALL NEW FIRE EXTINGUISHER CABINETS, FIRE EXTINGUISHER TO BE PROVIDED AND INSTALLED BY CONTRACTOR. PROVIDE FIRE-RATED BLOCKING AS REQUIRED FOR INSTALLATION. CUT AND PATCH AS REQUIRED FOR A COMPLETE INSTALLATION ALL NEW FIRE EXTINGUISHERS TO BE 1 HOUR RATED WHERE SHOWN IN RATED WALLS/PARTITIONS.



1 SEMI RECESSED FEC DETAIL
1 1/2" = 1'-0"
SURFACE MOUNTED FEC SIMILAR

LEGEND

- 2-HR RATED FIRE BARRIER
- 1-HR RATED FIRE BARRIER
- 30 MIN RATED FIRE BARRIER
- 56' / EXIT — DISTANCE TO EXIT / EXIT LOCATION
- FEC — LOCATION OF NEW SEMI RECESSED FIRE EXTINGUISHER (FIRE RATED CABINET) (SM FEC) DENOTES SURFACE MOUNT

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

DRAWING
LIFE SAFETY PLAN: GROUND FLOOR

SEAL: REGISTERED ARCHITECT MICHAEL J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11-12-21

DRAWING NUMBER
LS101

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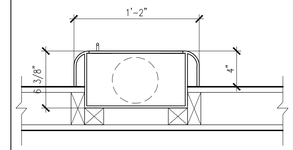


A–1 SECOND FLOOR PLAN
1/16"=1'–0"

PROJECT NORTH

FEC NOTES & DETAILS

1. CONTRACTOR TO PROVIDE AND INSTALL NEW SURFACE MOUNTED FIRE EXTINGUISHER CABINET TO BE JL INDUSTRIES AMBASSADOR MODEL 1013. SEMI RECESSED MODEL TO BE ADA COMPLIANT MODEL# 1012W10 WITH ROUNDED EDGES.
2. CONTRACTOR TO PROVIDE AND INSTALL NEW FIRE EXTINGUISHER CABINETS, FIRE EXTINGUISHER TO BE PROVIDED AND INSTALLED BY CONTRACTOR. PROVIDE FIRE–RATED BLOCKING AS REQUIRED FOR INSTALLATION. CUT AND PATCH AS REQUIRED FOR A COMPLETE INSTALLATION ALL NEW FIRE EXTINGUISHERS TO BE 1 HOUR RATED WHERE SHOWN IN RATED WALLS/PARTITIONS.



1 SEMI RECESSED FEC DETAIL
1 1/2" = 1'–0"
SURFACE MOUNTED FEC SIMILAR

LEGEND

- 2–HR RATED FIRE BARRIER
- 1–HR RATED FIRE BARRIER
- 30 MIN RATED FIRE BARRIER
- 56' — DISTANCE TO EXIT
- EXIT — EXIT LOCATION
- FEC — LOCATION OF NEW SEMI RECESSED FIRE EXTINGUISHER (FIRE RATED CABINET) (SM FEC) DENOTES SURFACE MOUNT

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

DRAWING
LIFE SAFETY PLAN: SECOND FLOOR

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11–12–21

DRAWING NUMBER
LS102

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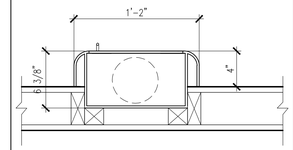


A–1 | THIRD FLOOR PLAN
1/16"=1'–0"

PROJECT NORTH

FEC NOTES & DETAILS

1. CONTRACTOR TO PROVIDE AND INSTALL NEW SURFACE MOUNTED FIRE EXTINGUISHER CABINET TO BE JL INDUSTRIES AMBASSADOR MODEL 1013. SEMI RECESSED MODEL TO BE ADA COMPLIANT MODEL# 1012W10 WITH ROUNDED EDGES.
2. CONTRACTOR TO PROVIDE AND INSTALL NEW FIRE EXTINGUISHER CABINETS, FIRE EXTINGUISHER TO BE PROVIDED AND INSTALLED BY CONTRACTOR. PROVIDE FIRE–RATED BLOCKING AS REQUIRED FOR INSTALLATION. CUT AND PATCH AS REQUIRED FOR A COMPLETE INSTALLATION ALL NEW FIRE EXTINGUISHERS TO BE 1 HOUR RATED WHERE SHOWN IN RATED WALLS/PARTITIONS.



1 SEMI RECESSED FEC DETAIL
1 1/2" = 1'-0"
SURFACE MOUNTED FEC SIMILAR

LEGEND

- 2–HR RATED FIRE BARRIER
- 1–HR RATED FIRE BARRIER
- 30 MIN RATED FIRE BARRIER
- 56' / EXIT — DISTANCE TO EXIT / EXIT LOCATION
- FEC — LOCATION OF NEW SEMI RECESSED FIRE EXTINGUISHER (FIRE RATED CABINET) (SM FEC) DENOTES SURFACE MOUNT

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

DRAWING
LIFE SAFETY PLAN: THIRD FLOOR

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
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DRAWING NUMBER
LS103

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SYMBOL & ABBREVIATIONS

SYMBOL	ABBREVIATION	DESCRIPTION
–	ADD'L	ADDITIONAL
–	ARCH	ARCHITECT
–	BFE	BOTTOM OF FOOTING/FNDN. ELEVATION
–	BOTT	BOTTOM
–	CJ	CONTRACTION (CONTROL) JOINT
–	CONT	CONTINUOUS
–	CONST	CONSTRUCTION JOINT
–	D	DEEP/DEPTH
–	DWG.	DRAWING
–	EF	EACH FACE
–	ELEV	ELEVATION
–	EQ	EQUAL
–	EXIST	EXISTING
–	FG	FINISH GRADE
–	FIN FL	FINISH FLOOR
–	FND	FOUNDATION
–	H	HIGH/HEIGHT
–	IF	INSIDE FACE
–	IFP	INSIDE FOOTING PROJECTION
–	L	LENGTH/LONG
–	LMF	LIGHT (GAGE) METAL FRAMING
–	LVL	LAMINATED VENEER LUMBER
–	MAX	MAXIMUM
–	MIN	MINIMUM
–	MO	MASONRY OPENING
–	OC	ON CENTER
–	OF	OUTSIDE FACE
–	OFP	OUTSIDE FOOTING PROJECTION
–	REINF	REINFORCING
–	SIM	SIMILAR
–	T	THICKNESS/THICK
–	TOS	TOP OF STRUCTURAL STEEL ELEVATION
–	TPE	TOP OF PIER ELEVATION
–	TOS	TOP OF STRUCTURAL SLAB ELEVATION
–	TSHE	TOP OF SHELF ELEVATION
–	TOW	TOP OF WALL ELEVATION
–	TYP	TYPICAL
–	UON	UNLESS OTHERWISE NOTED
–	VP	VAPOR BARRIER
–	W	WIDTH/WIDE
–	WWF	WELDED WIRE FABRIC
–	EARTH	
–	BRICK	
–	CONCRETE	
–	CMU	
–	GRAVEL	
–	RIGID INSULATION	
–	WOOD	

STRUCTURAL DESIGN CRITERIA:

LIVE LOADS:

LOCATION	UNIT LOAD
ROOF	20 PSF
RESIDENTIAL MULTIFAMILY HOUSES	
PRIVATE ROOMS & CORRIDORS SERVING THEM	40 PSF
PUBLIC ROOMS & CORRIDORS SERVING THEM	100 PSF
STAIRS & EXIT WAYS	100 PSF

WIND LOADS:

BASIC SIND SPEED (ASCE 7 - 3 SEC GUST)	115 MPH
MEAN ROOF HEIGHT	35 FT
WIND IMPORTANCE FACTOR (CATEGORY II)	1.0
WIND EXPOSURE	C
ENCLOSURE CLASSIFICATION	ENCLOSED
INTERNAL PRESSURE COEFFICIENT	± 0.18
DIRECTIONALITY FACTOR (Kd)	0.85
SHAPE FACTORS	PER CODE

SNOW LOADS:

GROUND SNOW LOAD (Pg)	30
FLAT ROOF SNOW LOAD (Pf)	21
EXPOSURE FACTOR (Ce)	1.0
THERMAL FACTOR (Ct)	1.0
IMPORTANCE FACTOR (I)	1.0

SEISMIC LOADS:

IMPORTANCE FACTOR (CATEGORY II)	1.0
MAPPED SPECTRAL RESPONSE ACCELERATION (Ss)	0.206g
MAPPED SPECTRAL RESPONSE ACCELERATION (S)	0.067g
SITE CLASS	D
SPECTRAL RESPONSE COEFFICIENT (Sds)	0.220g
SPECTRAL RESPONSE COEFFICIENT (Sd1)	0.107g
SEISMIC DESIGN CATEGORY	B
BASIC STRUCTURAL SYSTEM	MOMENT FRAME / BEARING WALL SYSTEM
RESPONSE MODIFICATION FACTOR (R)	6.5
ANALYSIS PROCEDURE	EQUIV LATERAL FORCE
SEISMIC RESPONSE COEFFICIENT (Cs)	0.044
DESIGN BASE SHEAR (V)	0.044 W

GENERAL NOTES

1.) THE FOLLOWING REQUIREMENTS ALONG WITH THE DRAWINGS AND PROJECT SPECIFICATIONS SHALL BE COORDINATED AND SHALL APPLY TO THIS STRUCTURE AND OTHER REQUIRED ASSOCIATED WORK.

2.) ALL WORK, TESTING, MATERIALS, ETC. SHALL BE IN ACCORDANCE WITH THE LATEST BUILDING CODE AND WITH THE REGULATIONS OF ALL GOVERNMENTAL AGENCIES HAVING JURISDICTION.

3.) IF ANY FIELD CONDITIONS PRECLUDE COMPLIANCE WITH THE DRAWINGS AND/OR CONDITIONS SPECIFIED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND SHALL NOT PROCEED WITH ANY WORK THAT WOULD BE AFFECTED UNTIL FORMALLY DIRECTED BY THE ENGINEER ON HOW TO PROCEED.

4.) THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN FIELD PRIOR TO THE FABRICATION AND ERECTION OF ANY MATERIAL. ANY UNUSUAL CONDITIONS OR DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER.

5.) ALL SHOP DRAWINGS (IF APPLICABLE) FOR STEEL REINFORCING BARS, STRUCTURAL STEEL, LIGHT STEEL FRAMING MEMBERS, STEEL DECK, AND FLOOR/ROOF TRUSSES INDICATING THE FABRICATOR MANUFACTURER, FINISH, LAYOUT, AND ALL ACCESSORIES MUST BE SUBMITTED TO AND BE CHECKED BY THE CONTRACTOR AND BEAR THE CHECKERS INITIALS BEFORE SUBMISSION TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION.

6.) INCORRECTLY FABRICATED, DAMAGED OR OTHERWISE MISALIGNED OR NON-CONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE ARCHITECT/ENGINEER PRIOR TO REMEDIAL OR CORRECTIVE ACTION.

7.) THE STRUCTURAL DRAWINGS SHALL BE COORDINATED WITH THE ARCHITECTURAL, M/E/P DRAWINGS (INCLUDING ALL CONTRACT SHOP DRAWINGS) AND EQUIPMENT MANUFACTURERS TO ENSURE THAT OPENINGS, ANCHORS, INSERTS, SLEEVES, ATTACHMENTS, ETC. ARE PROVIDED AS REQUIRED. SOME OF THE DETAILS OF THE WORK ARE SHOWN ON THE THESE DRAWINGS AND SHOULD BE CAREFULLY REVIEWED BY THE CONTRACTOR TO FULLY COMPREHEND THE FULL SCOPE OF WORK.

8.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND COORDINATING ALL DIMENSIONS WITH THE ARCHITECTURAL AND M/E/P DRAWINGS. IN CASE OF CONFLICT, THE CONTRACTOR SHALL IMMEDIATELY REQUEST A CLARIFICATION FROM THE ARCHITECT / ENGINEER.

9.) THE CONTRACTOR SHALL MAKE NO DEVIATION FROM THE DESIGN DRAWINGS WITHOUT PRIOR WRITTEN APPROVAL FROM THE ENGINEER.

10.) IN CASE OF CONFLICT BETWEEN NOTES, DETAILS AND SPECIFICATIONS, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN.

11.) THIS STRUCTURE HAS BEEN DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER CONSTRUCTION OF THE STRUCTURE HAS BEEN COMPLETED. THE STABILITY OF THE STRUCTURE PRIOR TO COMPLETION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. JOB SITE SAFETY AND CONSTRUCTION PROCEDURES ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. LACK OF COMMENT BY THE ARCHITECT/ ENGINEER IS NOT TO BE INTERPRETED AS APPROVAL OF THOSE ASPECTS OF WORK.

12.) LOADS APPLIED TO THE STRUCTURE DURING CONSTRUCTION SHALL NOT EXCEED THE SAFE LOAD-CARRYING CAPACITY OF THE STRUCTURE AS INDICATED BY THE SCHEDULED LIVE LOADINGS SHOWN ON THE DRAWINGS.

13.) CONTRACTOR IS SOLELY RESPONSIBLE FOR ANY SHORING NEEDED DURING THIS PROJECT.

FOUNDATION AND EXCAVATION:

1.) THE FOUNDATION DESIGN IS BASED ON THE RECOMMENDATIONS OF 2,500 PSF BEARING CAPACITY CONTAINED IN THE GEOTECHNICAL ENGINEERING REPORT BY DANIEL G. LOUCKS, PE - ALL OTHER REPORT RECOMMENDATIONS SHALL BE REVIEWED BY CLIENT/OWNER AND ADHERED TO.

2.) THE BOTTOM OF ALL EXCAVATIONS SHALL BE INSPECTED BY THE OWNER'S GEOTECHNICAL ENGINEER PRIOR TO PLACING CONCRETE OR GRANULAR FILL TO VERIFY THE PRESUMPTIVE BEARING STRATA AND DESIGN SOIL BEARING PRESSURE. ALL UNSUITABLE MATERIAL (BRICK FRAGMENTS, ASPHALT, CONCRETE BOULDERS, ETC.) WITHIN THE BUILDING AREA AND EXCAVATION SHALL BE REMOVED FROM THE SITE.

3.) ALL WATER AND UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE BOTTOM OF THE EXCAVATION BEFORE COMPACTING SUBGRADE AND PLACING CONCRETE OR GRANULAR FILL. GROUND WATER SHALL BE KEPT A MINIMUM OF 2' BELOW NEW FOUNDATIONS / FOOTINGS UNTIL CONCRETE HAS CURED.

4.) FOUNDATION WALLS AND FOOTINGS SHALL BEAR ON COMPACTED GRAVEL CUSHION PAD PLACED ON UNDISTURBED OR PROPERLY COMPACTED NATIVE SOIL UON.

5.) THE CAST-IN-PLACE SLAB-ON-GRADE SHALL BE PLACED ON A 6 MIL POLYETHYLENE VAPOR BARRIER OVER 6" MINIMUM OF COMPACTED GRANULAR FILL UON ON THE DRAWINGS.

6.) COMPACTED GRANULAR FILL SHALL CONSIST OF BROKEN OR CRUSHED STONE, OR BANK OR CRUSHED GRAVEL AND SHALL CONSIST OF SOUND, TOUGH DURABLE PARTICLES FREE FROM SOFT, THIN, ELONGATED OR LAMINATED PIECES AND FREE OF MUD, DIRT, VEGETATIVE OR OTHER DELETERIOUS SUBSTANCES GRADED AS FOLLOWS:

SQUARE MESH SIZE:	PERCENT PASSING BY WEIGHT:
PASS 3"	100
PASS #40	10-70
PASS #200	0-11

7.) THE COMPACTION EFFORT, WHERE REQUIRED, SHALL BE INSPECTED BY THE OWNER'S GEOTECHNICAL ENGINEER. MATERIAL REQUIRING COMPACTION SHALL BE PLACED IN MAXIMUM 8" LIFTS BEFORE COMPACTION. EACH LIFT SHALL BE COMPACTED WITH APPROPRIATE EQUIPMENT TO A MINIMUM OF 95% OF ITS MAXIMUM DENSITY AT OR NEAR OPTIMUM MOISTURE. THE OWNER'S GEOTECHNICAL ENGINEER SHALL TEST THE MATERIAL BEFORE AND AFTER COMPACTION FOR CONFORMANCE WITH THE SPECIFICATIONS. NO LIFTS SHALL BE PLACED WHEN WEATHER CONDITIONS ARE SUCH THAT THE MOISTURE CONTENT OF THE MATERIAL CANNOT BE PROPERLY CONTROLLED. IN PLACING OR COMPACTING MATERIAL, DO NOT DAMAGE OR DISPLACE CONCRETE WORK ALREADY IN PLACE BY CONTACT WITH COMPACTION MACHINERY.

8.) ALL SOIL SURROUNDING AND UNDER NEW AND EXISTING FOUNDATIONS SHALL REMAIN "UNDISTURBED" THROUGHOUT THE COURSE OF CONSTRUCTION.

9.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR LIMITING POURS TO MINIMIZE SHRINKAGE CRACKING. WALL CONTRACTION AND/OR CONSTRUCTION JOINTS SHALL BE SPACED AT A MAXIMUM DISTANCE OF 40'-0". SLAB CONTRACTION AND/OR CONSTRUCTION JOINTS SHALL BE SPACED AT A MAXIMUM DISTANCE OF 15'-0". THE LOCATION AND CONFIGURATION OF JOINTS EXPOSED TO VIEW SHALL BE COORDINATED WITH THE ARCHITECT.

10.) CONTRACTOR SHALL VERIFY DIMENSIONS AND LOCATIONS OF ALL SLOTS, PIPE SLEEVES, OPENINGS, ANCHOR BOLTS, ETC. AS REQUIRED FOR THE BUILDING STRUCTURE AND FOR THE WORK OF OTHER TRADES BEFORE SETTING FORMS. COORDINATE ALL REQUIREMENTS WITH THE ARCHITECTURAL AND M/E/P DRAWINGS.

11.) VERTICAL CONSTRUCTION JOINTS IN WALLS SHALL BE USED ONLY WHEN UNAVOIDABLE AND SHALL BE LOCATED A MINIMUM 6'-0" FROM ANY SUPPORTING PIER OR BUTTRESS, EXCEPT WHERE SPECIFICALLY SHOWN ON THE DRAWINGS. NO HORIZONTAL CONSTRUCTION JOINTS OTHER THAN THOSE SHOWN ON THE DRAWINGS WILL BE ALLOWED.

12.) THE CONTRACTOR SHALL EMPLOY ALL NECESSARY MEASURES TO SAFEGUARD THE STRUCTURAL INTEGRITY OF ADJACENT STRUCTURES DURING EXCAVATION AND CONSTRUCTION OF NEW FOUNDATIONS.

13.) ALL EXISTING CONDITIONS DEPICTED ON THE DRAWINGS (IF ANY)ARE BASED ON INFORMATION PROVIDED BY OTHERS. ANY UNUSUAL CONDITIONS OR DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER.

14.) AT NO TIME SHALL BULLDOZERS, TRUCKS OR OTHER HEAVY CONSTRUCTION EQUIPMENT BE PERMITTED CLOSER THAN 8'-0" TO ANY FOUNDATION WALL, NEW OR EXISTING.

15.) ALL EXCAVATIONS SHALL CONFORM TO THE BUILDING CODE OF THE STATE OF NEW YORK AND TO ALL OSHA REQUIREMENTS REGARDING THE BRACING, SHEETING, SHORING, ETC.

CONCRETE:

1.) ALL CONCRETE WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE ACI BUILDING CODE (ACI 318), THE ACI DETAILING MANUAL (ACI 315), AND THE SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS (ACI 301).

2.) ALL DETAILING, FABRICATION AND PLACING OF REINFORCING BARS AND WELDED WIRE FABRIC SHALL BE IN ACCORDANCE WITH THE ACI DETAILING MANUAL SP-66 (LATEST REVISION)

3.) MINIMUM COMPRESSIVE STRENGTH (f'c)

FOUNDATIONS	4000 PSI	[NORMAL WEIGHT]
SLAB-ON- GRADE	4000 PSI	[NORMAL WEIGHT]
WALLS	4000 PSI	[NORMAL WEIGHT]

4.) THE FOLLOWING MINIMUM CONCRETE COVER TO REINFORCEMENT SHALL BE PROVIDED:

FOOTINGS.....3"
SLABS AND WALLS (EXPOSED TO EARTH, LIQUID OR WEATHER).....2"
GIRDERS, BEAMS OR COLUMNS (NOT EXPOSED TO EARTH, LIQUID OR WEATHER).....1-1#2"
SLABS ON GRADE.....2" (FROM TOP)
SLABS AND WALLS (NOT EXPOSED TO EARTH, LIQUID OR WEATHER).....3#4"

5.) CONCRETE SLUMP SHALL BE MEASURED IN ACCORDANCE WITH ASTM C143

6.) ALL NON-SHRINK GROUT SHALL BE OF NON-SHRINKAGE TYPE WITH A MINIMUM COMPRESSIVE STRENGTH OF 7,500 PSI AT 28 DAYS.

7.) NO WELDING OF REINFORCING WILL BE PERMITTED.

8.) ALL CONCRETE FORMWORK SHALL REMAIN IN PLACE FOR A MINIMUM 7 DAYS AND CONFORM TO ACI HOT AND COLD WEATHER CONCRETING REQUIREMENTS AS NECESSARY PER ACI 318.

9.) ALL REINFORCING BARS AND WELDED WIRE FABRIC SHALL BE SECURELY HELD IN PLACE WHILE POURING CONCRETE. IF REQUIRED, ADDITIONAL BARS OR STIRRUPS SHALL BE FURNISHED BY THE CONTRACTOR TO PROVIDE PROPER SUPPORT FOR ALL BARS.

10.) ALL REINFORCING STEEL SHALL BE MANUFACTURED FROM HIGH STRENGTH STEEL CONFORMING TO ASTM DESIGNATION OF 615 GRADE 60. WELDED WIRE FABRIC (WWF) AND SHALL COMPLY WITH ASTM A 185.

11.) LAP ALL BARS MINIMUM 48 DIAMETERS UNLESS OTHERWISE NOTED ON DRAWINGS. LAP ALL WWF A MINIMUM OF 12 INCHES (UNLESS OTHERWISE NOTED).

12.) ALL MECHANICAL COUPLERS SHALL DEVELOP 1.25 fy OF REBAR IN TENSION OR COMPRESSION AND COMPLY WITH ACI 318.

13.) THE NEW CONCRETE SLABS SHALL BE PROTECTED FROM LOSS OF SURFACE MOISTURE FOR NOT LESS THAN 7 DAYS BY USING A CURING COMPOUND CONFORMING TO ASTM C309 OR BY WE BURLAP OR A PLASTIC MEMBRANE. CURING SHALL BE IN ACCORDANCE WITH ACI SPECIFICATIONS.

14.) DOWELS FROM FOUNDATIONS OR SLABS TO WALLS SHALL MATCH WALL REINFORCING, UNLESS OTHERWISE NOTED. DOWELS SHALL BE PLACED BEFORE CONCRETE IS POURED. THEY SHALL NOT BE PUSHED INTO THE CONCRETE.

15.) PROVIDE $\frac{3}{4}$" CHAMFER AT ALL EXPOSED CORNERS OF BEAMS, WALL, ETC.

CONCRETE MASONRY:

1.) ALL MASONRY DESIGN AND PLACEMENT SHALL COMPLY WITH THE LATEST EDITION OF THE ACI BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530-08, ACI 530.1-08) AND ASCE BUILDING CODE REQUIREMENTS AND SPECIFICATION FOR MASONRY STRUCTURES (ASCE 5-08, ASCE 6-08)

2.) ALL MASONRY WALLS SHALL BE REINFORCED PER SPECIFICATION REQUIREMENTS AND AS SHOWN ON STRUCTURAL AND ARCHITECTURAL DRAWINGS. CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS WITH ALL OTHER TRADES.

3.) HOLLOW LOAD-BEARING MASONRY UNITS SHALL CONFORM TO ASTM C-90 WITH A MINIMUM COMPRESSIVE STRENGTH (f'm) OF 1500 PSI AT 28 DAYS (UNLESS NOTED OTHERWISE).

4.) ALL MASONRY REINFORCEMENT SHALL CONFORM TO THE FOLLOWING:

REINFORCEMENT STEEL: ASTM A 615 - GRADE 60

JOINT REINFORCEMENT: ASTM A 951
LADDER CONFIGURATION
SIDE RODS AND CROSS RODS
W 1.7 (9 GAUGE) 0.148 IN DIAMETER
CROSS RODS SPACED AT 16" ON CENTER
CORROSION PROTECTION
INTERIOR: MILL GALVANIZED, ASTM A641
EXTERIOR OR HIGH HUMIDITY CONDITIONS:
HOT DIPPED GALVANIZED AFTER FABRICATION.
ZINC COATED ASTM A153 (1.50 OZ PER SF)

5.) ALL MASONRY ANCHORS SHALL CONFORM TO THE FOLLOWING:

PLATE AND BENT BAR ANCHORS	ASTM A 36
SHEET METAL ANCHORS AND TIES	ASTM A 366
WIRE TIES AND ANCHORS	ASTM A 82
ANCHOR BOLTS	ASTM F1554 36KSI
CORROSION PROTECTION:	
INTERIOR:	
SHEET METAL ANCHORS OR TIES	ASTM A 653 CLASS G60
EXTERIOR OR HIGH HUMIDITY CONDITIONS	
WIRE TIES OR ANCHORS	ASTM A 153
SHEET METAL ANCHORS OR TIES	ASTM A 153 CLASS B
STAINLESS STEEL	
PLATE AND BENT BAR ANCHORS	ASTM A 666
SHEET METAL ANCHORS AND TIES	ASTM A 167
WIRE TIES AND ANCHORS	ASTM A 580

6.) FILL ALL BOND BEAMS AND REINFORCED CELLS SOLIDLY WITH GROUT CONFORMING TO ASTM C476 AND SHALL OBTAIN A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2,500 PSI.

7.) MORTAR SHALL BE MADE WITH PORTLAND CEMENT / LIME AND SHALL CONFORM TO ASTM C-270, TYPE S MORTAR BED PROVIDED SHALL BE "COMPLETE".

8.) UNLESS OTHERWISE INDICATED, ALL UNITS SHALL BE LAID IN RUNNING BOND. BOND CORNERS AND INTERSECTIONS OF LOAD-BEARING WALLS.

9.) PROVIDE VERTICAL REINFORCING AS INDICATED. PROVIDE BARS AT ALL WALL CORNERS, INTERSECTIONS AND OPENING EDGES. MASONRY WALLS SHALL BE CONSTRUCTED USING "LOW LIFT" TECHNIQUES.

10.) PROVIDE DOWELS FROM ALL FOUNDATIONS AND SLABS TO MATCH VERTICAL REINFORCING SIZE AND SPACING. THESE DOWELS SHALL HAVE A MINIMUM LAP LENGTH EQUAL TO 48 BAR DIAMETERS AND BE SET BEFORE CONCRETE IS PLACED TO PREVENT PUSHING THEM INTO THE CONCRETE AFTER IT IS PLACED. PROVIDE MATCHING SIZED ANCHOR RODS OR DOWELS UP INTO CMU WHERE MASONRY WALLS REST ON STRUCTURAL STEEL AND PROVIDE SOFT JOINTS PLUS MATCHING ANCHOR RODS OR DOWELS IN SLEEVES TO ALLOW FOR VERTICAL MOVEMENT WHERE MASONRY ABUTS STRUCTURAL STEEL FROM BELOW.

11.) PROVIDE BOND BEAM LINTELS AND BRICK SHELF ANGLES ABOVE ALL WALL OPENINGS PER DETAILS. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR LOCATIONS OF DOOR AND WINDOW OPENING.

12.) PROVIDE CMU CONTROL JOINTS AS INDICATED ON ARCHITECTURAL DRAWINGS WITH ADDITIONAL JOINTS SUCH THAT THE SPACING BETWEEN JOINTS DOES NOT EXCEED A SPACING OF ONE THIRD THE SMALLER DIMENSION OF THE WALL. WHERE BEAMS OR LINTELS BEAR AT CMU CONTROL JOINTS, OFFSET AND LAP THE VERTICAL REINFORCING AS REQUIRED.

13.) THE MASONRY CONTRACTOR SHALL PROVIDE ALL REQUIRED TEMPORARY WALL BRACING DURING CONSTRUCTION, SEE MISCELLANEOUS NOTES.

14.) INTERIOR NON-LOAD BEARING MASONRY WALLS SHALL HAVE THE FOLLOWING MINIMUM REINFORCEMENT

HORIZONTAL - W1.7 JOINT REINFORCEMENT @ 16" OC
VERTICAL - ONE (1) NO. 4 BAR @ 10' OC (IN ADDITION TO #9 IN THIS SECTION)

GENERAL WOOD NOTES:

1. WOOD DESIGN IS BASED ON THE 2001 AF&PA NDS-97 "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION WITH THE 2001 SUPPLEMENT".
2. STUD BEARING WALLS, SHEAR WALLS, AND ROOF AND FLOOR DECKS SHALL BE FRAMED WITH THE MEMBER SIZES AND/OR TYPES AT THE SPACINGS SHOWN ON PLAN. THE CONTRACTOR SHALL COORDINATE LOCATIONS OF ALL PLUMBING PIPING, HVAC DUCTING AND RECESSED LIGHTING FIXTURES, ETC. PRIOR TO LAYOUT TO MINIMIZE INTERFERENCE THAT MAY REQUIRE THE ALTERING OR STRENGTHENING OF THE INSTALLED FRAMING.
3. ALL WOOD FRAMING IS TO BE STORED ON SITE ABOVE THE GROUND ON "STICKERS", INDOORS OR UNDER TARPS WITH ADEQUATE CLEARANCES TO ALLOW AIR CIRCULATION.
4. WALLS SHALL BE INSTALLED STRAIGHT AND PLUMB. FLOORS SHALL BE INSTALLED LEVEL AT THE PROPER ELEVATION. ROOFS SHALL BE INSTALLED AT THE PITCHES INDICATED ON THE ARCHITECTURAL DRAWINGS.
5. JOISTS AND RAFTERS SHALL BE INSTALLED DIRECTLY OVER BEARING STUDS UNLESS OTHERWISE DETAILED.
6. JOISTS AND RAFTERS SHALL BE SUPPORTED LATERALLY AT EACH SUPPORT BY FULL DEPTH SOLID BLOCKING 2" IN THICKNESS, EXCEPT WHERE JOISTS ARE SUPPORTED BY A FLUSH HEADER NAILED TO A RIM JOIST.
7. PROVIDE A MINIMUM OF TWO STUDS AT EACH END OF ALL FLUSH FRAMED HEADERS OR BEAM, UNLESS MORE ARE INDICATED ON PLAN. PROVIDE ONE JACK STUD AND ONE FULL KING STUD AT EACH END OF ALL DROPPED HEADERS OR BEAMS, UNLESS MORE JACK AND KING STUDS ARE INDICATED ON PLAN. POSTS SHALL BE SOLIDLY BLOCKED THROUGH ALL INTERVENING FRAMED DECKS DOWN TO SUPPORTING GIRDER/BEAMS OR TOP OF FOUNDATION.
8. FLUSH FRAMED CONNECTIONS SHALL BE MADE WITH PREFABRICATED GALVANIZED STEEL HANGERS MADE BY SIMPSON STRONG-TIE CO., INC. OR BY UNITED STEEL PRODUCTS CO. (USP) OF WIDTH AND DEPTH APPROPRIATE FOR THE SUPPORTED MEMBER. INSTALL WITH THE TYPE AND QUANTITY OF FASTENERS RECOMMENDED BY THE MANUFACTURER. PREFABRICATED STEEL HANGERS USED IN CONTACT WITH PRESERVATIVE PRESSURE TREATED WOOD SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A123 OR STAINLESS STEEL, TYPE 316, OR HAVE A "TRIPLE ZINC" (ASTM G185) COATING. FASTENERS IN CONTACT WITH PRESERVATIVE PRESSURE TREATED WOOD SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A153 OR STAINLESS STEEL, TYPE 316. DO NOT MIX STAINLESS STEEL AND GALVANIZED FASTENERS AND CONNECTORS.
9. METAL CONNECTIONS ARE REQUIRED AT FLUSH FRAMED CONDITIONS, ROOF RAFTER HOLDOWNS, AND POST CAPS AND BASES.
10. STRUCTURAL WOOD FRAMING USED IN EXTERIOR APPLICATIONS OR IN CONTACT WITH CONCRETE OR MASONRY SHALL BE SOUTHERN YELLOW PINE NO. 2 OR BETTER, ACQ (ALKALINE COPPER QUATERNARY) OR CA (COPPER AZOLE) PRESERVATIVE PRESSURE TREATED WOOD.
11. BUILT-UP MEMBERS OF THREE PLIES OR LESS SHALL HAVE ADJACENT PLIES NAILED TOGETHER WITH TWO ROWS OF NAILS AT 12"O.C. (10D COMMON NAILS FOR 1 1/2" PLIES, 12D COMMON NAILS FOR 1 3/4" PLIES). BUILT-UP MEMBERS OF MORE THAN 3 PLIES SHALL BE ASSEMBLED WITH 1/2" DIAMETER THRU BOLTS AT 16"O.C. STAGGERED UP AND DOWN WITH 2" CLEARANCE AT TOP AND BOTTOM EDGES.
12. EXTERIOR END WALLS OF CATHEDRAL CEILING SPACES SHALL BE FRAMED WITH STUDS RUNNING CONTINUOUSLY (NOT SPLICED) FROM FLOOR TO ROOF.

DIMENSIONED WOOD FRAMING NOTES:

1. THE STRUCTURAL WOOD STRESS GRADE STAMPED LUMBER SHALL BE:

MEMBER	MODULUS OF ELASTICITY, E	FLEX. STRESS F_b	COMP. PERP. TO GRAIN F_{c-t}	COMP. PARALLEL TO GRAIN F_c	HORIZ. SHEAR F_v
DOUGLAS FIR LARCH NORTH, (NON-LOAD BEARING STUDS)	1.6 x 10^6 psi	850 psi 977 psi (REP. USE)	625 psi	1400 psi	180 psi
DOUGLAS FIR LARCH NORTH, NO. 1 & BETTER (BEARING/ SHEAR WALL STUDS)	1.7 x 10^6 psi	A00 psi	730 psi	1500 psi	180 psi
S-Y-P, NO. 2 (PRESSURE TREATED 2xS)	1.4 x 10^6 psi	1350 psi 1320 psi (REP., WET USE)	480 psi	1600 psi	175 psi
S-Y-P, NO. 2 (PRESSURE TREATED POSTS)	1.4 x 10^6 psi	1150 psi	480 psi	1500 psi	175 psi

2. THE DESIGN OF THE DIMENSIONAL LUMBER MEMBERS AND THEIR CONNECTIONS IS BASED ON THE LUMBER HAVING A MOISTURE CONTENT AT THE TIME OF INSTALLATION OF 19% OR LESS.
3. JOISTS OR RAFTERS ARE TO BE INSTALLED WITH "CROWN" UP (I.E. POSITIVE CAMBER) AND WITHIN 1/2" OF STRAIGHT, END-TO-END ALIGNMENT.
4. SEVERELY DISTORTED (TWISTED, BOWED, CUPPED, CHECKED, ETC.) LUMBER SHALL NOT BE USED.
5. NOTCHES IN THE TOP OR BOTTOM OF DIMENSIONED LUMBER JOISTS OR RAFTERS SHALL NOT EXCEED ONE-SIXTH THE MEMBER DEPTH AND SHALL NOT BE LOCATED IN THE MIDDLE THIRD OF THE SPAN. END NOTCHES SHALL NOT EXCEED ONE-FOURTH THE MEMBER DEPTH. BORED HOLES SHALL NOT BE WITHIN 2" OF THE TOP AND BOTTOM OF THE MEMBER AND THEIR DIAMETER SHALL NOT EXCEED ONE-THIRD THE MEMBER DEPTH.

SHEATHING PANELS:

1. SHEATHING PANELS, PLYWOOD OR ORIENTED STRAND BOARD ("OSB"), SHALL CONFORM TO U.S. PRODUCT STANDARD PS-1, AND BEAR THE APA GRADE-TRADEMARK OF THE AMERICAN PLYWOOD ASSOCIATION.
2. SHEATHING PANELS FOR FLOORS, ROOF, AND WALLS SHALL BE APA RATED SHEATHING, EXPOSURE 1, WITH A MINIMUM SPAN INDEX RATING OF 32/16.
3. SHEATHING PANELS ON FLAT SURFACES SHALL BE INSTALLED WITH FACE GRAIN PERPENDICULAR ACROSS TO SUPPORTS AND CONTINUOUS OVER TWO OR MORE SPANS.
4. WALL SHEATHING AND FLOOR SHEATHING SHALL BE GLUED TO SUPPORTING MEMBERS WITH CONSTRUCTION ADHESIVE SUCH AS PL200, LAID IN A CONTINUOUS 1/4" WIDE BEAD ALONG THE MEMBER LENGTH.

LAMINATED VENEER LUMBER (LVL) AND PARALLEL STRAND LUMBER (PSL) NOTES:

1. LAMINATED VENEER LUMBER SHALL BE "MICRO-LAM" AS MANUFACTURED BY TRUS JOIST MACMILLAN, "G-P LAM" AS MANUFACTURED BY THE GEORGIA PACIFIC CORPORATION OR "GANG-LAM" AS MANUFACTURED BY THE LOUISIANA PACIFIC CORPORATION. LAMINATED STRUCTURAL LUMBER SHALL BE "POWER BEAM" AS MANUFACTURED BY ANTHONY FOREST PRODUCTS COMPANY. PARALLEL STRAND LUMBER SHALL BE "PARALLAM" AS MANUFACTURED BY TRUS JOIST MACMILLAN.
2. MINIMUM ALLOWABLE STRESS AND STIFFNESS CHARACTERISTICS SHALL BE AS FOLLOWS:

Fb = 2950 PSI
Fc = 2750 PSI (PARALLEL TO GRAIN)
Fc = 750 PSI (PERPENDICULAR TO GRAIN)
Fv = 285 PSI
E = 2,000,000 PSI

3. ANY OF THESE MATERIALS MAY BE USED INTERCHANGEABLY FOR MEMBERS THAT ARE NOTED ON PLAN SINGULARLY AS LVL. MEMBER SIZES SHOWN ON PLAN (WIDTH X DEPTH) MAY BE CONSTRUCTED OF MULTIPLE PLIES OF THE SPECIFIED DEPTH, FASTENED TOGETHER BY NAILING OR BOLTING AS REQUIRED. MEMBER SIZES FOLLOWED ONLY BY PSL MUST BE INSTALLED AS A SOLID MEMBER, NOT BUILT-UP.
4. MANUFACTURERS SPECS REGARDING BORING OR NOTCHING LVL'S AND PSL BEAMS SHALL BE STRICTLY ADHERED TO.

NOTES

PROJECT NORTH

No.	REVISION/SUBMISSION	DATE
	ISSUED FOR PERMIT	11/12/21

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DRAWING
GENERAL NOTES

SEAL
STATE OF NEW YORK
DANIEL T. CONNOLLY
NO. 079433
LICENSED PROFESSIONAL ENGINEER

DRAWN BY	PROJECT NUMBER
CM	2103036
CHECKED BY	DATE
DC	11/12/21

DRAWING NUMBER
S.100

FILE

WOOD FLOOR TRUSS:

1. WOOD TRUSSES SHALL CONFORM TO THE MOST CURRENT APPLICABLE VERSION OF THE DESIGN SPECIFICATIONS FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES, OF THE TRUSS PLATE INSTITUTE, INC. AND THE NATIONAL DESIGN SPECIFICATIONS FOR STRESS GRADE LUMBER AND ITS FASTENING OF THE NATIONAL FOREST PRODUCTS ASSOCIATION.

2. WOOD FLOOR TRUSSES SHALL BE MANUFACTURED BY "UNIVERSAL FOREST PRODUCTS" (OR APPROVED EQUAL).

3. WOOD FLOOR TRUSSES SHALL BE DESIGNED TO SUPPORT THE LOADS INDICATED BELOW AT THE DEPTH AND SPACING INDICATED ON THE DRAWINGS.
   1. DEAD LOADS:
      a. UNIFORM TOP CHORD DEAD LOAD — 15 PSF
      b. UNIFORM BOTTOM CHORD DEAD LOAD — 10 PSF
      c. BOTTOM CHORD CONCENTRATED AT ANY LOCATION ON BOTTOM CHORD — 300 POUNDS
   2. LIVE LOADS: SEE DESIGN CRITERIA GENERAL NOTES
   3. LATERAL LOADS: SEE DESIGN CRITERIA GENERAL NOTES

4. WOOD ROOF TRUSSES SHALL BE DESIGN TO SUPPORT THE LOADS INDICATED BELOW AT THE SPACING INDICATED ON THE DRAWINGS.
   1. DEAD LOADS:
      a. UNIFORM TOP CHORD DEAD LOAD — 15 PSF / 15 PSF
      b. UNIFORM BOTTOM CHORD DEAD LOAD — 10 PSF
      c. BOTTOM CHORD CONCENTRATED AT ANY LOCATION ON BOTTOM CHORD — 300 POUNDS
   2. LIVE LOADS: SEE DESIGN CRITERIA GENERAL NOTES
   3. LATERAL LOADS: SEE DESIGN CRITERIA GENERAL NOTES

5. THE DEFLECTION OF THE FLOOR AND ROOF TRUSSES UNDER THE INDICATED LOADS AND AT THE SPAN AND SPACINGS SHOWN ON THE CONTRACT DRAWINGS SHALL MEET THE FOLLOWING CRITERIA:
   a. THE DEFLECTION DUE TO LIVE LOADS SHALL NOT EXCEED THE SPAN LENGTH/360.
   b. THE DEFLECTION DUE TO THE TOTAL LOADS SHALL NOT EXCEED THE SPAN LENGTH/240.

6. THE WOOD TRUSS MANUFACTURER SHALL SPECIFY AND PROVIDE ALL BRACING AT TOP AN BOTTOM CHORDS REQUIRED TO STABILIZE THE FLOOR OR ROOF STRUCTURE DURING AND AFTER CONSTRUCTION IN ADDITION TO THE BRACING INDICATED ON THE STRUCTURAL DRAWINGS.

7. THE WOOD TRUSS MANUFACTURER SHALL SUBMIT STRUCTURAL CALCULATIONS STAMPED BY A REGISTERED PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF NEW YORK FOR ALL TRUSSES WHICH INDICATE TRUSS CAPACITIES AND DEFLECTIONS.

8. ERECTION SHALL BE IN ACCORDANCE WITH TRUSS PLATE INSTITUTE RECOMMENDATIONS.

9. NO SPLICES IN WEBS, CHORDS, OR OTHER LOAD CARRYING MEMBERS MAY BE MADE WITHOUT REVIEW AND APPROVAL ON THE FINAL TRUSS SHOP DRAWINGS WHICH INCLUDE SPECIFIC LOCATIONS AND DETAILS FOR ANY SUCH SPLICE(S).

10. TEMPORARY TRUSS BRACING SHALL BE INSTALLED IN ACCORDANCE WITH THE "RECOMMENDED DESIGN SPECIFICATIONS FOR TEMPORARY BRACING OF METAL PLATE CONNECTED WOOD TRUSSES" (DSB-89) AND "COMMENTARY AND RECOMMENDATIONS FOR HANDLING, INSTALLING AND BRACING METAL PLATE CONNECTED WOOD TRUSSES" (HIB-91). INSTALL ALL WEB BRACING REQUIRED BY THE TRUSS DESIGNER TEMPORARY BOTTOM CHORD WEB BRACING SHALL REMAIN PERMANENTLY IN PLACE. THE BOTTOM CHORD BRACING SHALL NOT EXCEED 10' FOR TRUSSES WHERE NO SHEATHING IS ATTACHED TO THE TRUSS BOTTOM CHORD OR WITH TRUSS BOTTOM FILLER. PROVIDE 2x4 LATERAL BRACING AT 36" O.C. UNDER PIGGYBACK TRUSSES. AT TRUSSES REQUIRING WEB BRACING, PROVIDE 2x4 DIAGONAL AT 20' MAX NAILED TO WEBS FROM ROOF TO BOTTOM CHORD. ALL BRACING SHALL BE NAILED WITH 2-160 NAILS TO TRUSSES. FOR TRUSS SPANS EXCEEDING 60'-0" SUBMIT BRACING DRAWINGS SIGNED AND SEALED BY A REGISTERED ENGINEER IN THE STATE OF NEW YORK.

11. BOTTOM CHORD BEARING PARALLEL CORD TRUSSES SHALL BE CLEARLY MARKED IN A MANNER WHICH WILL AVOID INVERTED INSTALLATION IN ACCORDANCE WITH THE TRUSS PLATE INSTITUTE, "NATIONAL DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSS CONSTRUCTION", ANSI/TPI 1 - LATEST EDITION.

12. AT LOCATIONS WHERE WOOD TRUSSES FRAME TO THE FACE OF A MASONRY WALL, THE WOOD TRUSS MANUFACTURER SHALL DESIGN/SPECIFY A STANDARD MASONRY BEARING TRUSS HANGER FOR THE SUPPORT OF THE TRUSS, UNLESS NOTED OTHERWISE.

13. THE WOOD TRUSS MANUFACTURER SHALL REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR COORDINATION OF MECHANICAL/ELECTRICAL UNITS AND SPECIAL CONCENTRATED LOADS SUPPORTED BY THE WOOD TRUSSES NOT INDICATED ON THE STRUCTURAL DRAWINGS.

14. WHERE MECHANICAL/ELECTRICAL LOADS ARE ATTACHED TO THE WOOD TRUSSES, ATTACHED LOADS SHALL NOT EXCEED THE LOADS INDICATED IN THE NOTES ABOVE. WHERE THE ACTUAL LOADS EXCEED THE LOADS INDICATED ABOVE, THE WOOD TRUSS MANUFACTURER SHALL EITHER PROVIDE ADDITIONAL FRAMING TO DISTRIBUTE THE LOADS TO CONFORM TO THE LOADS INDICATED OR PROVIDE ADDITIONAL LOCALIZED CAPACITY IN THE WOOD TRUSS DESIGN TO SUPPORT THE ACTUAL LOADS.

15. WHERE MULTIPLE PIPING LINES RUN PARALLEL, STAGGER THE PIPE SUPPORT HANGERS AS REQUIRED TO COMPLY WITH THE LOADS INDICATED ABOVE.

WOOD FASTENERS NOTES:

1. WOOD COMPONENTS ARE TO BE FASTENED TOGETHER AS INDICATED IN THE FOLLOWING SCHEDULE UNLESS SPECIFICALLY INDICATED OTHERWISE ON THE PLANS.

BUILDING ELEMENT	NAIL SIZE/TYPE	NUMBER AND LOCATION
FLOOR CONSTRUCTION		
BUILT UP GIRDER/BEAM (3 PLIES OR LESS):	10d FOR 1.50" PLIES 16d FOR 1.75" PLIES	2 HORIZ. ROWS (TOP & BOT) 12" O.C. DIRECT
FLOOR JOISTS TO SILL OR GIRDER:	10d COMMON	4 TOE-NAIL
RIM/BOX JOIST TO JOIST END:	16d COMMON	3 END DIRECT
BRIDGING TO JOISTS:	8d COMMON 10d COMMON	3 TOE-NAIL OR 2 DIRECT
FLOOR TRUSS CHORD TO SILL OR GIRDER:	16d COMMON	3 DIRECT
BAND JOIST TO TRUSS END:	10d COMMON	3 DIRECT
EDGE FLOOR TRUSS BOTTOM CHORD TO SILL:	16d COMMON	8" O.C. DIRECT
EDGE FLOOR JOIST/ TRUSS TO SILL:	10d COMMON	8" O.C. TOE-NAIL
WALL CONSTRUCTION		
STUD TO SOLE PLATE:	8d COMMON 16d COMMON	4 TOE-NAIL OR 2 END DIRECT
TOP PLATE TO STUD:	16d COMMON	2 END DIRECT
DOUBLE STUDS:	10d COMMON	9" O.C. DIRECT
CORNER STUDS:	16d COMMON	16" O.C. DIRECT
SOLE PLATE TO JOIST OR BLOCKING:	16d COMMON	8" O.C. DIRECT
BLOCKING BETWEEN JOISTS TO TOP PLATE:	10d COMMON	2" O.C. TOE-NAIL
RIM/BOX JOIST TO TOP PLATE:	16d COMMON	8" O.C. TOE-NAIL
DOUBLE TOP PLATE:	16d COMMON	16" O.C. DIRECT
DOUBLE TOP PLATE LAPS AT END JOINTS (24" MIN. OFFSET):	16d COMMON	8 DIRECT
DOUBLE TOP PLATE LAPS AT CORNERS AND INTERSECTIONS:	16d COMMON	2 DIRECT
HEADER END TO FTVVAGV:	8d COMMON 10d COMMON	2" O.C. TOE-NAIL OR 3" O.C. DIRECT
APA RATED SHEATHING:	8d COMMON	4" O.C. AT EDGES 8" O.C. OTHER
GYPSUM SHEATHING:	GALV. 11GA X1.75" W/ 7/16" HEAD/ DIAMOND	4" O.C. ALONG ALL BEARING POINTS
ROOF & CEILING CONSTRUCTION		
CEILING JOIST TO TOP PLATE:	16d COMMON	4 TOE-NAIL
CEILING JOISTS LAPS (OVER PARTITION):	10d COMMON	4 DIRECT
CEILING JOISTS TO RAFTER:	10d COMMON	5 DIRECT
COLLAR TIE TO RAFTER:	10d COMMON	5 DIRECT
ROOF RAFTER TO TOP PLATE:	10d COMMON	4 TOE-NAIL
ROOF RAFTER TO RIDGE:	16d COMMON 16d COMMON	4 TOE-NAIL OR 3 END DIRECT
VALLEY/HIP RAFTER TO RIDGE, HEADER OR TRIMMER:	16d COMMON 16d COMMON	2" O.C. TOE-NAIL OR 3" O.C. END DIRECT
JACK RAFTER TO HIP:	10d COMMON 16d COMMON	3 TOE-NAIL OR 2 END DIRECT
BLOCKING BETWEEN RAFTERS TO TOP PLATE:	10d COMMON	2" O.C. TOE-NAIL
ROOF SHEATHING:	8d COMMON	6" O.C. EDGES 10" O.C. OTHER

2. NAILS AND SPIKES SPECIFIED ON PLAN SHALL CONFORM TO THE NOMINAL SIZES SPECIFIED IN FEDERAL SPECIFICATIONS FF-N-105B AND AS NOTED IN THE TABLE BELOW:

TYPE		PENNYWEIGHT				
		8d	10d	12d	16d	20d
COMMON	SHANK DIAMETER	0.131"	0.148"	0.148"	0.162"	0.192"
	LENGTH	2.50"	3.00"	3.25"	3.50"	4.00"
	HEAD DIAMETER	0.281"	0.312"	0.312"	0.344"	0.406"

3. BOLTS SHALL CONFORM TO ASTM A307 OR ASTM A36.

4. LAG AND WOOD SCREWS SHALL CONFORM TO ANSI / ASME STANDARD B18.6.1-19.81.

5. ALL FASTENERS USED IN CONTACT WITH PRESERVATIVE PRESSURE TREATED WOOD SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A153 OR STAINLESS STEEL, TYPE 316. DO NOT MIX STAINLESS STEEL AND GALVANIZED FASTENERS AND CONNECTORS.

6. PROVIDE STANDARD ROUND WASHERS UNDER THE HEADS OF ALL THRU BOLTS AND LAG SCREWS AND UNDER ALL NUTS UNLESS OTHERWISE INDICATED ON THE PLANS.

REQUIRED DEVELOPMENT LENGTHS & LAP SPLICE FOR GRADE 60 REBAR

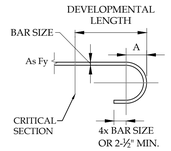
BAR SIZE	f'c = 3000 PSI				f'c = 4000 PSI			
	TENSION		COMPRESSION		TENSION		COMPRESSION	
	development length (in)	lap splice (in)	development length (in)	lap splice (in)	development length (in)	lap splice (in)	development length (in)	lap splice (in)
3	16	21	8	12	14	18	8	12
4	22	28	11	15	19	25	9	15
5	27	36	14	19	24	31	12	19
6	33	43	16	23	28	37	14	23
7	48	62	19	26	42	54	17	26
8	55	71	22	30	47	62	19	30
9	62	80	25	34	54	70	21	34

TABLE NOTES:
1. CONCRETE IS NORMAL WEIGHT (145 PCF)
2. REINFORCEMENT IS UNCOATED OR ZINC-COATED (GALVANIZED)
3. CASTING POSITION HAS 12" OR LESS OF CONCRETE BELOW HORIZONTAL REINFORCEMENT

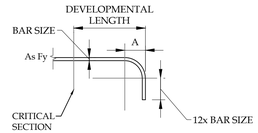
DEVELOPMENT LENGTH AND SPLICE

STANDARD HOOK EMBEDMENTS

BAR SIZE	MINIMUM TENSION EMBEDMENT LENGTHS FOR GRADE 60 REBAR STANDARD HOOKS, IN	
	f'c = 3000 psf	f'c = 4000 psf
3	6	6
4	8	7
5	10	9
6	12	10
7	14	12
8	16	14
9	18	15



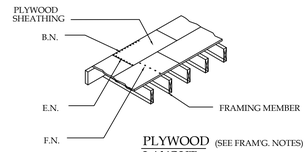
STANDARD 180° HOOK
DIMENSION A = 4x BAR SIZE FOR #3 THROUGH #8, = 5x BAR SIZE FOR #9, #10



STANDARD 90° HOOK

TABLE NOTES:
1. CONCRETE IS NORMAL WEIGHT (145 PCF)
2. REINFORCEMENT IS UNCOATED OR ZINC-COATED (GALVANIZED)
3. SIDE COVER >= 2-1/2"
4. END COVER (90° HOOKS) >= 2-1/2"

HOOK EMBEDMENT



PLYWOOD LAYOUT (SEE FRAM'G. NOTES)

NAILING: (EXCEPT WHERE NOTED OTHERWISE)

	ROOF NAIL'G	FLOOR NAIL'G
B.N. = BOUNDARY NAILING	8d @ 6" O.C.	10d @ 6" O.C.
E.N. = EDGE NAILING	8d @ 6" O.C.	10d @ 6" O.C.
F.N. = FIELD NAILING	8d @ 12" O.C.	10d @ 10" O.C.

NOTES:
1. NAILS SHALL BE GALV. COMMON(HOT-DIPPED OR TUMBLED), PLACED NOT LESS THAN 3/8" FROM PANEL EDGES AND SHALL BE FIRMLY DRIVEN.
2. NO UNBLOCKED PIECE LESS THAN 12" SHALL BE USED.
3. WOOD STRUCTURAL PANELS SHALL COMPLY WITH 2018 NCBC STANDARD AND SHALL BE APA RATED EXPOSURE I.
4. WOOD STRUCTURAL PANELS, WHEN USED, SHALL COMPLY WITH THE REQUIREMENTS FOR THEIR TYPE IN DOC PS1-95 OR PS2-92.
5. ALL PANELS SHALL BE IDENTIFIED BY TRADE MARK OF AN APPROVED TESTING & GRADING AGENCIES, APA, TECO OR PITTSBURG.

STRUCTURAL STEEL

1. ALL STRUCTURAL STEEL, UNLESS OTHERWISE NOTED (UON) SHALL BE AS FOLLOWS:
   W-SHAPES.....ASTM A992, Fy = 50 KSI
   OTHER SHAPES & PLATES.....ASTM A36, Fy = 36KSI
   HSS SQUARE & RECTANGULAR SHAPES.....ASTM A500, GR B, Fy = 46 KSI
   HSS ROUND SHAPES.....ASTM A500, GR B, Fy = 42 KSI
   STEEL PIPES.....ASTM A53, GR B, Fy = 35 KSI
   HIGH STRENGTH BOLTS.....⅞" Ø, A325 (FC TYPE)
   ANCHOR RODS.....ASTM F1554, Fy = 36 KSI
   WELDED STUDS.....ASTM A108
2. ALL WELDING SHALL BE PERFORMED USING THE SHIELDED METAL ARC WELDING (SMAW) PROCESS USING E70XX ELECTRODES. ALL WELDS SHALL CONFORM TO THE LATEST EDITION OF AWS.
3. WHERE STEEL MEMBERS ARE REQUIRED TO BE SPLICED, THE SPLICE SHALL BE DESIGNED TO DEVELOP THE FULL CAPACITY OF THE SECTION. SUCH SPLICES SHALL NOT INTERFERE WITH ANY ARCHITECTURAL OR MECHANICAL CLEARANCES. SPLICE DETAILS AND LOCATIONS SHALL BE SHOWN ON THE SHOP DRAWINGS.
4. ALL BEAM TO BEAM OR BEAM TO COLUMN CONNECTIONS SHALL BE EQUAL TO THOSE SHOWN IN THE AISC MANUAL OF STEEL CONSTRUCTION. IF THE REACTION VALUES OR DETAILS ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS, BEAM REACTIONS ON PLANS ARE TO BE ASSUMED EQUAL AT EACH END UON. IF NO BEAM REACTIONS ARE GIVEN ON PLANS, THE CONNECTIONS SHALL BE SELECTED TO HAVE A MINIMUM VALUE OF 60% OF THE TOTAL UNIFORM LOAD ON BEAMS, AND 80% OF THE TOTAL UNIFORM LOAD ON COMPOSITE BEAMS FOR THE GIVEN SHAPE, SPAN AND STEEL SPECIFICATION FOR THE BEAM IN QUESTION. THE EFFECT OF CONCENTRATED LOADS NEAR AN END CONNECTION SHALL BE CONSIDERED. ALL CONNECTIONS MUST DEVELOP REACTIONS WHERE GIVEN ON FRAMING PLANS IF THESE EXCEED THE ABOVE REQUIREMENTS.
5. ALL STRUCTURAL STEEL BEAMS AND COLUMNS ADJACENT TO MASONRY SHALL HAVE 1-½" x ½" STRAP ANCHORS AT 1'-4" OC MAXIMUM OR THE EQUIVALENT UNLESS OTHERWISE NOTED ON THE DRAWINGS.
6. PROVIDE LINTEL ANGLES AS REQUIRED FOR OPENINGS AND RECESSES SHOWN ON ARCHITECTURAL AND MECHANICAL DRAWINGS IN ACCORDANCE WITH THE LINTEL SCHEDULE. PROVIDE A MINIMUM OF 6" BEARING EACH END FOR ALL LOOSE LINTELS UNLESS OTHERWISE NOTED (UON) LENGTH OF HUNG LINTELS SHALL BE ½" LESS THAN MASONRY OPENING.
   A.) UNLESS OTHERWISE NOTED, PROVIDE STEEL LINTELS OVER OPENINGS AND RECESSES IN MASONRY WALL AS FOLLOWS.
   1. ONE ANGLE 4" x 3-½" x 5/16" (S.L.O.) FOR SPANS 3'-11" OR LESS AND ONE ANGLE 5" x 3-½" x 5/16" (S.L.O.) FOR SPANS FROM 4'-0" TO 6'-8" FOR EACH 4" THICKNESS OF WALL.
   2. FOR 6" BLOCK WALLS PROVIDE TWO ANGLES 3-½" x 2-½" x 5/16" FOR SPANS UP TO 6'-0" AND FOR 8" BLOCK WALLS PROVIDE TWO ANGLES 4" x 3-½" x 5/16" FOR SPANS UP TO 6'-0" (UON).
   B.) ALL LINTELS (INCLUDING SHELF ANGLES AND PLATES) EXPOSED TO WEATHER SHALL BE GALVANIZED.
7. REFER TO THE ARCHITECTURAL & M/E/P DRAWINGS FOR OTHER MISC. STEEL. CONTRACTOR SHALL INCLUDE AN ALLOWANCE OF 3% OF OVERALL STEEL ESTIMATE FOR ADDITIONAL MISC. STEEL.
8. PENETRATIONS THROUGH STRUCTURAL STEEL MEMBERS WILL NOT BE ALLOWED UNLESS INDICATED ON STRUCTURAL DRAWINGS OR PREVIOUSLY REVIEWED AND APPROVED.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY GUYING AND BRACING ALL STRUCTURAL STEEL TO MAINTAIN SAFETY, STABILITY AND ALIGNMENT DURING ALL PHASES OF CONSTRUCTION, AND SPECIFICALLY, DURING CONCRETE OPERATIONS. GUYING AND BRACING SHALL REMAIN IN PLACE UNTIL THE STRUCTURE HAS ATTAINED ADEQUATE STRENGTH.
10. THE STEEL FABRICATOR AND ERECTOR SHALL BE AISC CERTIFIED FOR STEEL STRUCTURES AND COMPLY WITH THE APPLICABLE PROVISIONS OF AISC'S "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES".

SPECIAL INSPECTIONS:

1. SPECIAL INSPECTORS AND TESTING LABORATORY SERVICES SHALL BE ENGAGED BY THE OWNER OR THE OWNER'S REPRESENTATIVES PER THE REQUIREMENTS OF THE IBC OR THE BUILDING CODE OF NEW YORK STATE, SECTION 1704, AS ACCEPTED AND MODIFIED BY THE BUILDING CODE OFFICIAL HAVING JURISDICTION ON THIS PROJECT.
2. SHOP INSPECTION OF FABRICATED ITEMS AS REQUIRED BY SECTION 1704.2
3. FIELD INSPECTION OF STRUCTURAL STEEL, HIGH-STRENGTH BOLTING, WELDING, AND LATERAL LOAD RESISTING MOMENT CONNECTIONS AS REQUIRED BY SECTION 1704.3
4. CONCRETE CONSTRUCTION INCLUDING CONCRETE MIX DESIGNS, CONCRETE ADDITIVES, FORMWORK, REINFORCING SIZES AND PLACEMENT AS REQUIRED BY SECTIONS 1704.4
5. MASONRY CONSTRUCTION AS REQUIRED BY SECTION 1704.5. SPECIAL ATTENTION IS DIRECTED TO REQUIRED MASONRY SHEAR WALLS FOR THIS PROJECT.
6. PREPARED FILL INCLUDING UNDERLYING MATERIALS ON SITE, PLACEMENT AND COMPACTION OF FILL MATERIALS IN SPECIFIED MAXIMUM LIFTS, AND IN-PLACE DENSITY OF COMPACTED FILL PER THE GEOTECHNICAL RECOMMENDATIONS AND AS REQUIRED BY SECTION 1704.7.
7. COMPONENT AND ATTACHMENT INSPECTIONS AND TESTING AS REQUIRED BY SECTION 1708.

NOTES

PROJECT NORTH

No.	REVISION/SUBMISSION	DATE
	ISSUED FOR PERMIT	11/12/21

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
GENERAL NOTES

SEAL — STATE OF NEW YORK, DANIEL T. CONNOLLY, NO. 076442, LICENSED PROFESSIONAL ENGINEER

DRAWN BY	PROJECT NUMBER
CM	2103036
CHECKED BY	DATE
DC	11/12/21

DRAWING NUMBER
S.101

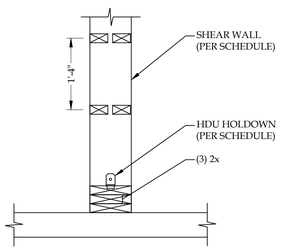
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NOTES:

1. T/SLAB ELEVATION = 0'-0" (UON). COORDINATE T/SLAB ELEVATIONS W/ ARCH. PRIOR TO CONSTRUCTION.
2. COORDINATE ALL DIMENSIONS, ELEVATIONS, DOOR AND WINDOW LOCATIONS W/ ARCH. DRAWINGS AND/OR EXISTING CONDITIONS.
3. COORDINATE ALL WALL PENETRATIONS, UNDERSLAB UTILITIES AND MECHANICAL CHASES W/ APPLICABLE TRADES.
4. X.XX - INDICATES TOP OF SLAB ELEVATION.
5. X.XX - INDICATES CHANGE IN T.O. SLAB ELEVATION.
6. [xx.xx'] - INDICATES TOP OF FOOTING ELEVATION. TYPICAL TOP OF FOOTING EL = (-)3'-0" (UNO). ALL FOUNDATION WALL FOOTINGS ARE "FW1" (UON).
7. ALL FOUNDATION WALLS SHALL HAVE (2) #4 CONTINUOUS TOP/BOTTOM BARS AND #4 VERTICAL BARS @ 12" O.C.
8. COORDINATE CONCRETE SAWCUT CONTROL JOINTS (SEE TYP. CONCRETE DETAILS).
9. C# - INDICATES STEEL COLUMN, SEE COLUMN SCHEDULE.
10. T# - INDICATES TIMBER COLUMN, SEE COLUMN SCHEDULE.
11. F# - INDICATES SPREAD FOOTING, SEE FOOTING SCHEDULE.
12. FW# - INDICATES WALL FOOTING, SEE FOOTING SCHEDULE.
13. ALL FOOTINGS MUST BE OVER-EXCAVATED A MIN. OF 6" TO ALLOW THE INSTALLATION OF 6" MIN. LAYER OF 3/4" CLEAN CRUSHED STONE UNDERLAIN BY FILTER FABRIC ON MEDIUM DENSE TO VERY DENSE UNDISTURBED VIRGIN MATERIAL. A SUITABLE FILTER FABRIC IS MIRAFI 140N OR EQUIVALENT.
14. ALL FLOOR SLABS SHALL BEAR ON 6" MIN. LAYER OF 3/4" CLEAN CRUSHED STONE.
15. INTERIOR "FW" FOUNDATION WALL FOOTINGS SHALL CENTERED ON THE INTERIOR WALL ABOVE (UON).
16. SPREAD FOOTINGS "F" SHALL BE CENTERED ON THE POST/COLUMN SUPPORTED.
17. EPOXY COATED WELDED WIRE FABRIC SHALL BE USED IN EXTERIOR SLABS ON GRADE.

FOOTING SCHEDULE

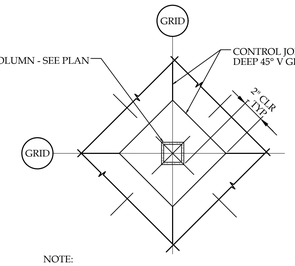
MARK	DIMENSIONS			REINFORCEMENT	
	THICKNESS	LENGTH	LENGTH	LONG. DIRECTION	TRANSVERSE DIRECTION
FW1	12"	2'-6"	CONT.	3 - #4	#4 @ 12" O.C.
FW2	12"	3'-6"	CONT.	3 - #4	#4 @ 12" O.C.
FW3	12"	4'-0"	CONT.	4 - #4	#4 @ 12" O.C.
FW4	12"	2'-0"	CONT.	2 - #4	#4 @ 12" O.C.
F1	12"	4'-0"	4'-0"	#5 @ 12" O.C.	#5 @ 12" O.C.
F2	14"	5'-6"	5'-6"	#5 @ 12" O.C.	#5 @ 12" O.C.
F3	14"	7'-6"	7'-6"	#5 @ 10" O.C.	#5 @ 10" O.C.
F4	12"	6'-0"	5'-0"	#5 @ 12" O.C.	#5 @ 12" O.C.



(PLAN VIEW)

HOLDOWN @ STAGGERED/DEMISING WALL

SCALE: NTS

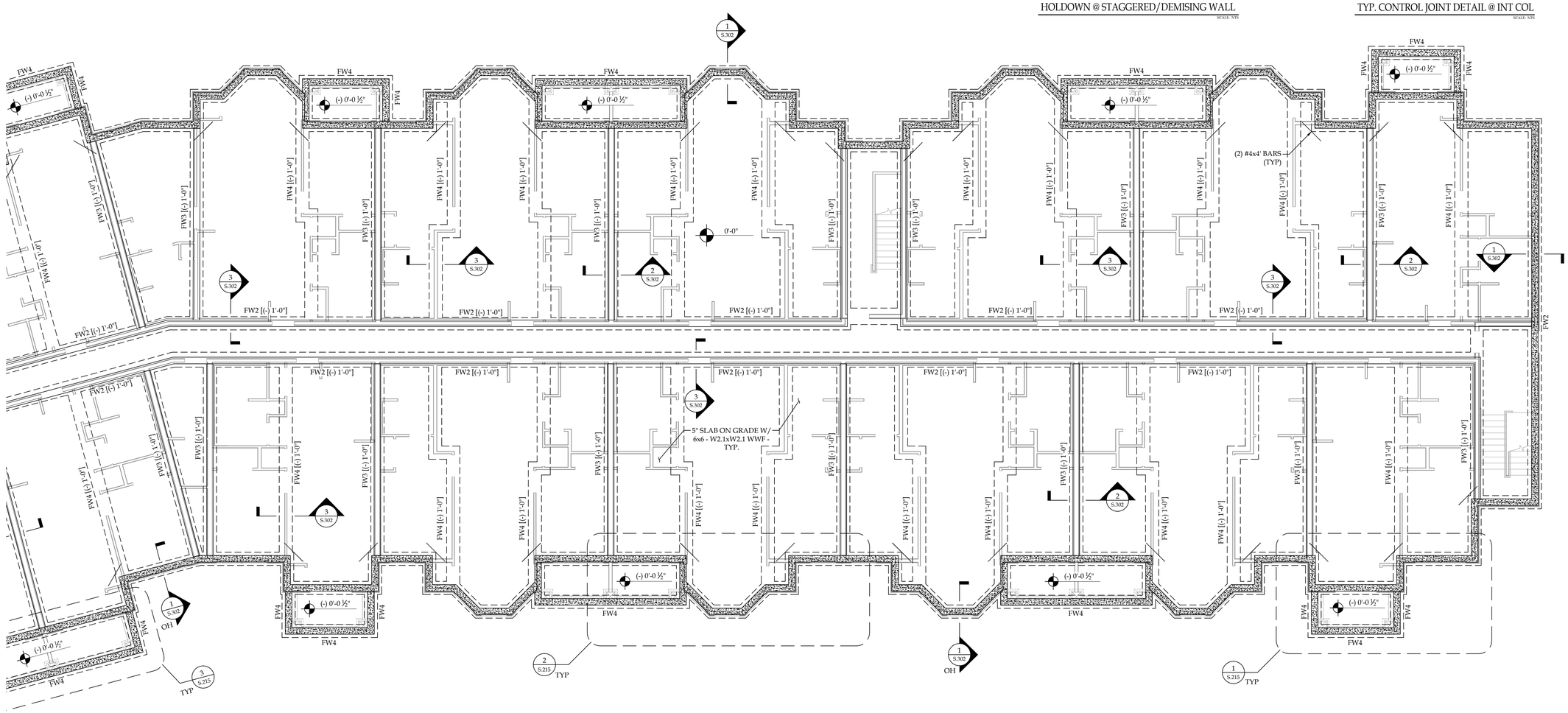


NOTE:

1. CONTROL JOINT AS SHOWN AT EACH COLUMN AND ALONG EVERY GRID LINE - ON ALL NEW SLABS

TYP. CONTROL JOINT DETAIL @ INT COL

SCALE: NTS



1 PARTIAL FOUNDATION PLAN

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

NOTES

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
PARTIAL FOUNDATION PLAN

SEAL

STATE OF NEW YORK · DANIEL T. CONNOLLY · NO. 076413 · LICENSED PROFESSIONAL ENGINEER

DRAWN BY	PROJECT NUMBER
CM	2103036
CHECKED BY	DATE
DC	11/12/21

DRAWING NUMBER
S.200

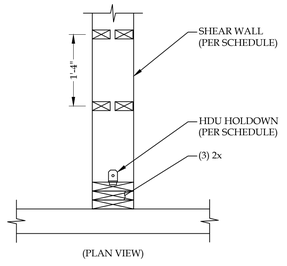
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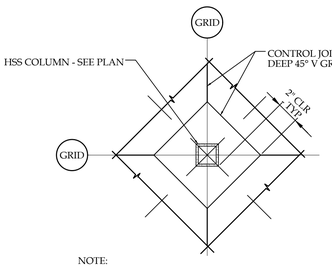
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FOOTING SCHEDULE

MARK	DIMENSIONS			REINFORCEMENT	
	THICKNESS	LENGTH	LENGTH	LONG. DIRECTION	TRANSVERSE DIRECTION
FW1	12"	2'-6"	CONT.	3 - #4	#4 @ 12" O.C.
FW2	12"	3'-6"	CONT.	3 - #4	#4 @ 12" O.C.
FW3	12"	4'-0"	CONT.	4 - #4	#4 @ 12" O.C.
FW4	12"	2'-0"	CONT.	2 - #4	#4 @ 12" O.C.
F1	12"	4'-0"	4'-0"	#5 @ 12" O.C.	#5 @ 12" O.C.
F2	14"	5'-6"	5'-6"	#5 @ 12" O.C.	#5 @ 12" O.C.
F3	14"	7'-6"	7'-6"	#5 @ 10" O.C.	#5 @ 10" O.C.
F4	12"	6'-0"	5'-0"	#5 @ 12" O.C.	#5 @ 12" O.C.



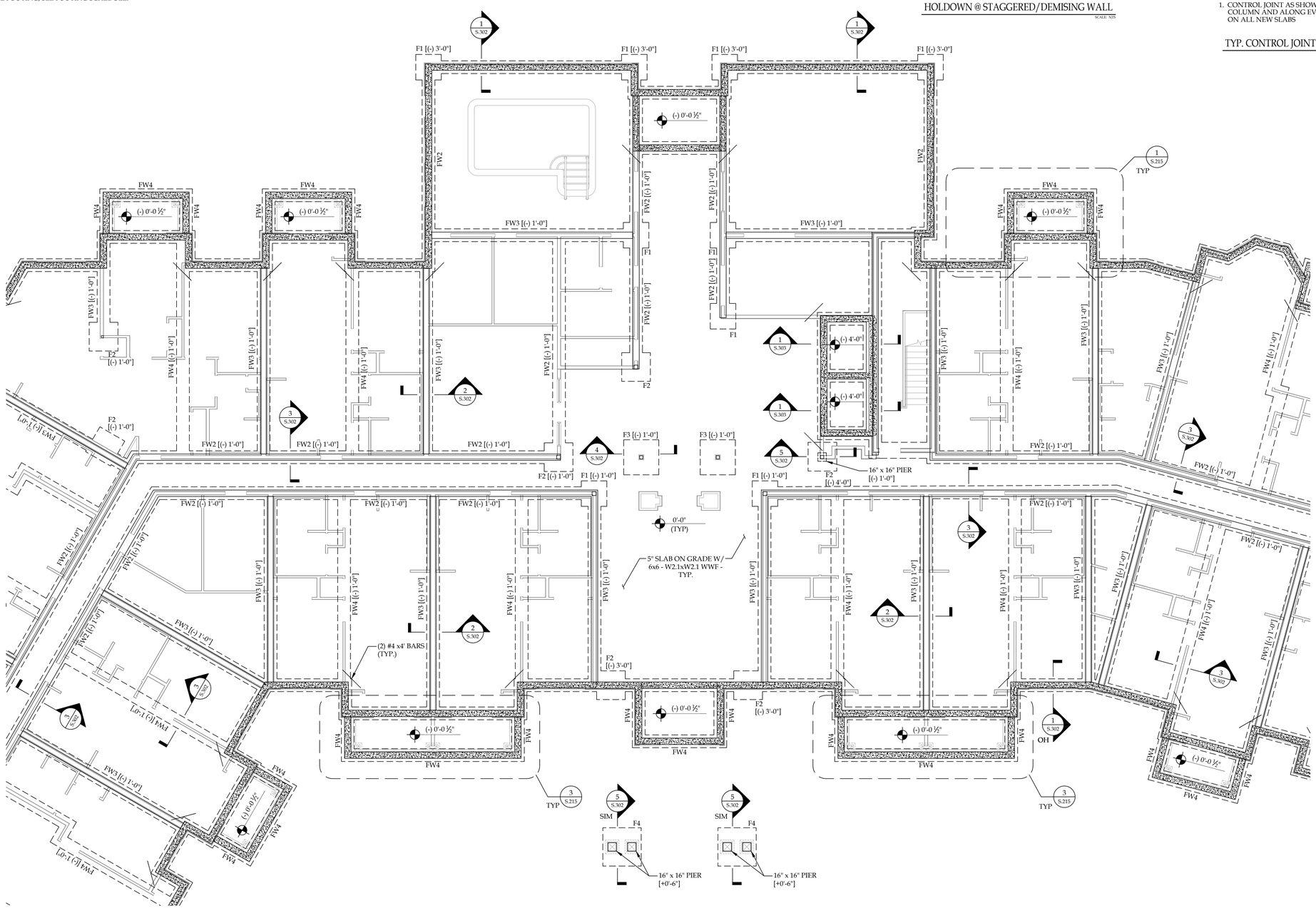
HOLDOWN @ STAGGERED/DEMISING WALL
SCALE: NTS



NOTE:

1. CONTROL JOINT AS SHOWN AT EACH COLUMN AND ALONG EVERY GRID LINE - ON ALL NEW SLABS

TYP. CONTROL JOINT DETAIL @ INT COL
SCALE: NTS



1 PARTIAL FOUNDATION PLAN
SCALE: 1/8" = 1' - 0"

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PROJECT
HOPEWELL SENIOR LIVING
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EAST FISHKILL, N.Y.

DRAWING
PARTIAL FOUNDATION PLAN

SEAL: STATE OF NEW YORK · DANIEL T. CONNOLLY · NO. 079433 · LICENSED PROFESSIONAL ENGINEER

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CM	2103036
CHECKED BY	DATE
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DRAWING NUMBER
S.201

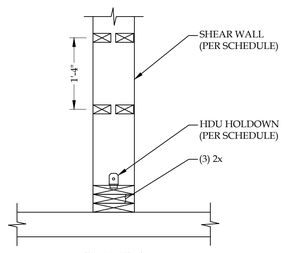
FILE

NOTES:

1. T/SLAB ELEVATION = 0'-0" (UON). COORDINATE T/SLAB ELEVATIONS W/ ARCH. PRIOR TO CONSTRUCTION.
2. COORDINATE ALL DIMENSIONS, ELEVATIONS, DOOR AND WINDOW LOCATIONS W/ ARCH. DRAWINGS AND/OR EXISTING CONDITIONS.
3. COORDINATE ALL WALL PENETRATIONS, UNDERSLAB UTILITIES AND MECHANICAL CHASES W/ APPLICABLE TRADES.
4. x.xx' - INDICATES TOP OF SLAB ELEVATION.
5. x.xx' / x.xx - INDICATES CHANGE IN T.O. SLAB ELEVATION.
6. [xx.xx'] - INDICATES TOP OF FOOTING ELEVATION. TYPICAL TOP OF FOOTING EL = (-)3'-0" (UNO). ALL FOUNDATION WALL FOOTINGS ARE "FW1" (UON).
7. ALL FOUNDATION WALLS SHALL HAVE (2) #4 CONTINUOUS TOP/BOTTOM BARS AND #4 VERTICAL BARS @ 12" O.C.
8. COORDINATE CONCRETE SAWCUT CONTROL JOINTS (SEE TYP. CONCRETE DETAILS).
9. C# - INDICATES STEEL COLUMN, SEE COLUMN SCHEDULE.
10. P# - INDICATES TIMBER COLUMN, SEE COLUMN SCHEDULE.
11. F# - INDICATES SPREAD FOOTING, SEE FOOTING SCHEDULE.
12. FW# - INDICATES WALL FOOTING, SEE FOOTING SCHEDULE.
13. ALL FOOTINGS MUST BE OVER-EXCAVATED A MIN. OF 6" TO ALLOW THE INSTALLATION OF 6" MIN. LAYER OF 3/4" CLEAN CRUSHED STONE UNDERLAIN BY FILTER FABRIC ON MEDIUM DENSE TO VERY DENSE UNDISTURBED VIRGIN MATERIAL. A SUITABLE FILTER FABRIC IS MIRAFI 140N OR EQUIVALENT.
14. ALL FLOOR SLABS SHALL BEAR ON 6" MIN. LAYER OF 3/4" CLEAN CRUSHED STONE.
15. INTERIOR "FW" FOUNDATION WALL FOOTINGS SHALL CENTERED ON THE INTERIOR WALL ABOVE (UON).
16. SPREAD FOOTINGS "F" SHALL BE CENTERED ON THE POST/COLUMN SUPPORTED.
17. EPOXY COATED WELDED WIRE FABRIC SHALL BE USED IN EXTERIOR SLABS ON GRADE.

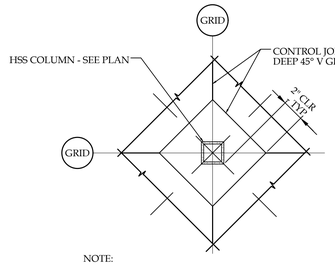
FOOTING SCHEDULE

MARK	DIMENSIONS			REINFORCEMENT	
	THICKNESS	LENGTH	LENGTH	LONG. DIRECTION	TRANSVERSE DIRECTION
FW1	12"	2'-6"	CONT.	3 - #4	#4 @ 12" O.C.
FW2	12"	3'-6"	CONT.	3 - #4	#4 @ 12" O.C.
FW3	12"	4'-0"	CONT.	4 - #4	#4 @ 12" O.C.
FW4	12"	2'-0"	CONT.	2 - #4	#4 @ 12" O.C.
F1	12"	4'-0"	4'-0"	#5 @ 12" O.C.	#5 @ 12" O.C.
F2	14"	5'-6"	5'-6"	#5 @ 12" O.C.	#5 @ 12" O.C.
F3	14"	7'-6"	7'-6"	#5 @ 10" O.C.	#5 @ 10" O.C.
F4	12"	6'-0"	5'-0"	#5 @ 12" O.C.	#5 @ 12" O.C.



HOLDOWN @ STAGGERED/DEMISING WALL

SCALE: NTS

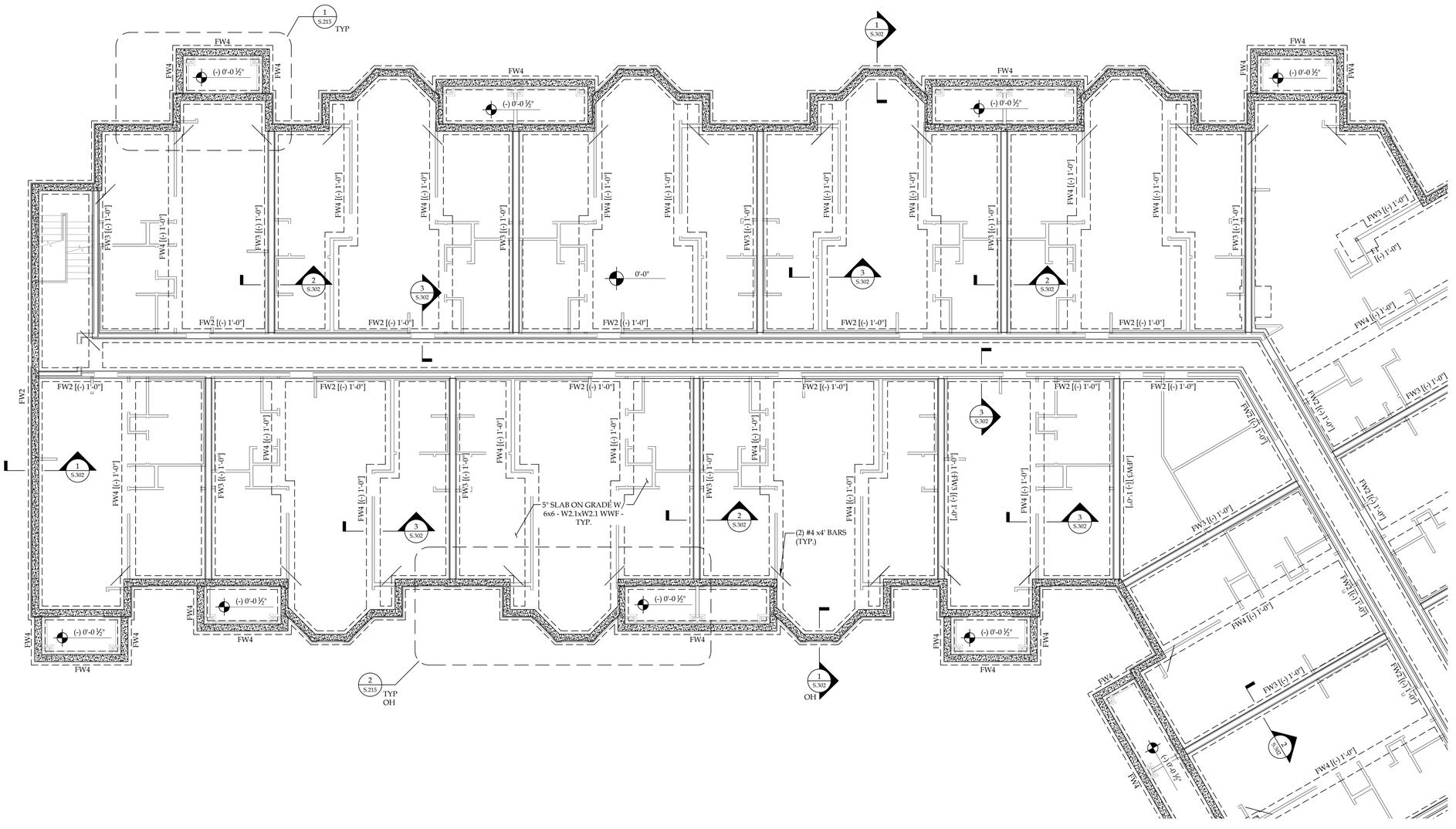


NOTE:

1. CONTROL JOINT AS SHOWN AT EACH COLUMN AND ALONG EVERY GRID LINE - ON ALL NEW SLABS

TYP. CONTROL JOINT DETAIL @ INT COL

SCALE: NTS



1 PARTIAL FOUNDATION PLAN

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

NOTES

PROJECT NORTH

No.	REVISION/SUBMISSION	DATE
	ISSUED FOR PERMIT	11/12/21

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POUGHKEEPSIE, NEW YORK 12601
PHONE 845-452-2268 FAX 845-452-3752

PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
PARTIAL FOUNDATION PLAN

SEAL

STATE OF NEW YORK · DANIEL T. CONNOLLY · NO. 075434 · PROFESSIONAL ENGINEER

DRAWN BY	PROJECT NUMBER
CM	2103036
CHECKED BY	DATE
DC	11/12/21

DRAWING NUMBER
S.202

FILE

NOTES:

1. T/SLAB ELEVATION = 0'-0" U.O.N. COORDINATE T/SLAB ELEVATIONS W/ ARCH. PRIOR TO CONSTRUCTION.
2. COORDINATE ALL DIMENSIONS, ELEVATIONS, DOOR AND WINDOW LOCATIONS W/ ARCH. DRAWINGS AND/OR EXISTING CONDITIONS.
3. COORDINATE ALL WALL PENETRATIONS, UNDERSLAB UTILITIES AND MECHANICAL CHASES W/ APPLICABLE TRADES.
4. COORDINATE CONCRETE SAWCUT CONTROL JOINTS (SEE TYP. CONCRETE DETAILS).
5. C# - INDICATES STEEL COLUMN, SEE COLUMN SCHEDULE.
6. P# - INDICATES TIMBER COLUMNS, SEE COLUMN SCHEDULE.
7. ▨ BEARING WALL WITH 2x4/2x6 @ 16" OC & DOUBLE TOP PLATES.
8. ▶ INDICATES MOMENT CONNECTION (REFER TO DETAILS).
9. REFER TO 1/S.308 FOR ADDITIONAL STAIR DETAILS.
10. ▨ EXTERIOR 2x6 @ 16" OC WALL W/ DOUBLE TOP PLATE.
11. < > INDICATES BEAM REACTION IN KIPS.

STEEL COLUMN SCHEDULE		
DESIGNATION	SIZE	BASEPLATE SIZE (1)
C1	HSS 4x4x1/2	1"x10"x10"
C2	HSS 5x5x1/2	1-1/4"x11"x11"
C3	HSS 6x6x1/2	1-1/2"x12"x12"

NOTE:

1. SIZES FOR PIER/SPREAD FOOTING SUPPORTED COLUMNS REFER TO S.303 FOR POSTS ON EXTERIOR FOUNDATION WALLS.

POST SCHEDULE	
DESIGNATION	SIZE
P1	6x6 P.T.
P2	5 1/4" x 5 1/4" PSL
P3	(4) 2x6
P4	6x6

WOOD HEADER SHEDULE			
SPAN CONDITION	HEADER SIZE	JACK STUDS	KING STUDS
UP TO 2'-6"	(3) 2x8	1	2
2'-6" UP TO 3'-0"	(3) 2x10	1	2
3'-0" UP TO 4'-6"	(3) 2x12	2	2
4'-6" UP TO 6'-6"	(3) 1 3/4" x 11 1/4" LVL	2	2
6'-6" UP TO 8'-6"	(3) 1 3/4" x 11 7/8" LVL	2	3
8'-6" UP TO 10'-0"	(3) 1 3/4" x 14" LVL	2	4

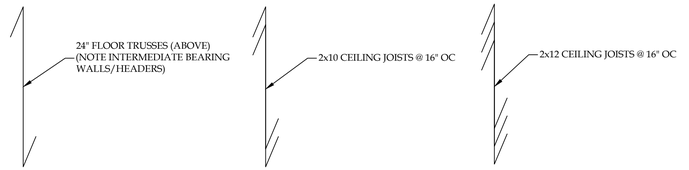
NOTES:

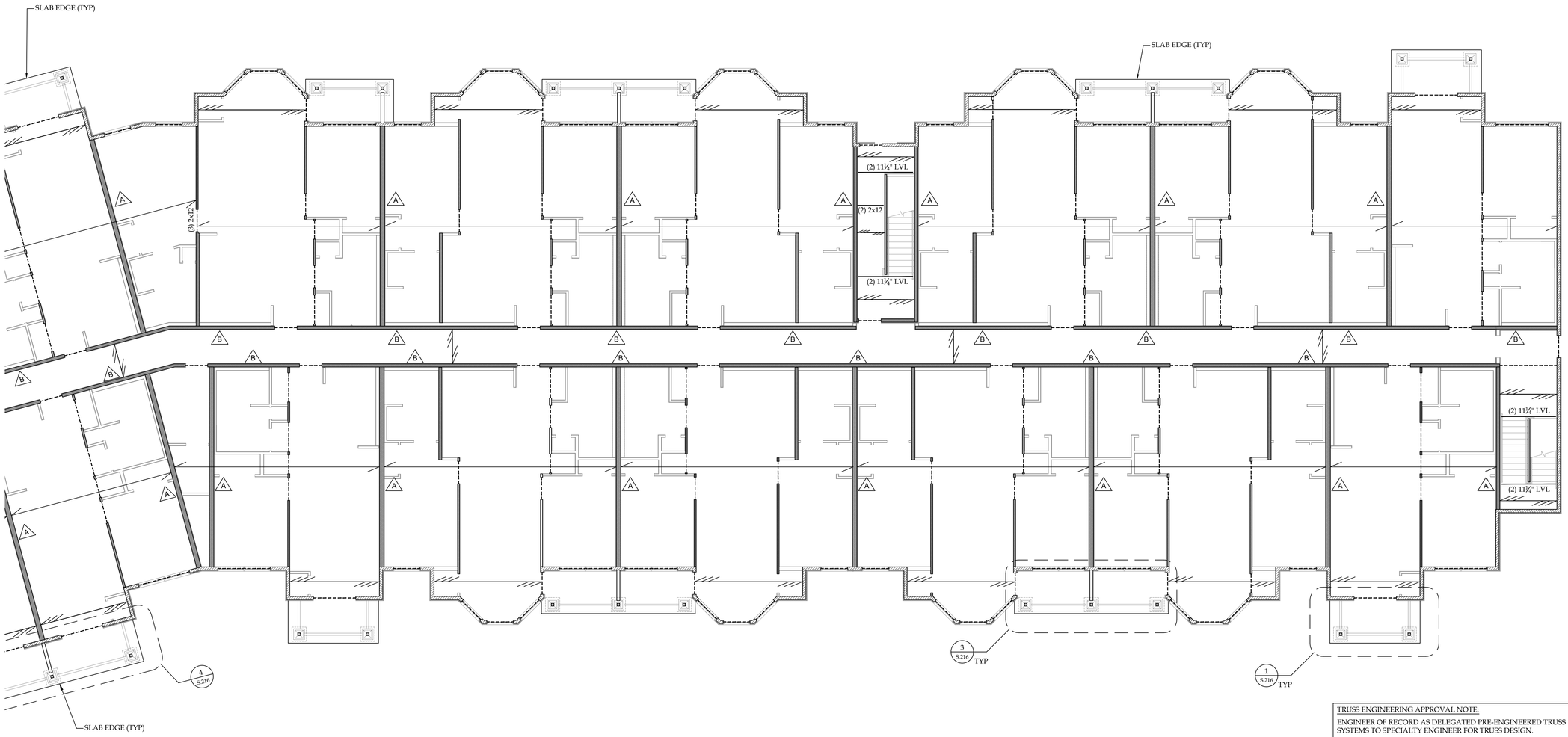
1. ABOVE KING STUD SCHEDULE IS FOR WHEN NO STRUCTURAL POST 'P' IS SHOWN ON THE PLANS.
2. USE PLYWOOD SHIMS BETWEEN HEADERS TO MATCH WALL WIDTH.
3. CONSULT STRUCTURAL ENGINEER IF HEADER SIZE IS NOT SHOWN ON PLANS AND THE SPAN IS LARGER THAN ABOVE.

SHEAR WALL TABLE							
PANEL DESIGNATION		SHEATHING MATERIAL (MIN.)		FASTENER		HOLDOWN @ END POST	
	STUD FRAMING (MIN)	SIDE 1	SIDE 2	SIZE	PATTERN (EDGE : FIELD)	1ST FLOOR	UPPER FLOORS
A	(2) 2X4 @ 16" OC	½" QR530	½" QR530	No. 8 DW SCREWS (2 ½")	6:12	HDU5 - SDS2.5	MSTC 52 (18GA)
B	2X6 @ 16" OC	½" QR530	-	No. 8 DW SCREWS (2 ½")	6:12	HDU2 - SDS2.5	MSTC 40 (18GA)
C	(2) 2X4 @ 24" OC	½" QR530	-	No. 8 DW SCREWS (2 ½")	6:12	-	MSTC 40 (18GA)
D	2X6 @ 16" OC	7/16" APA STRUCT I	-	10d COMMON	4:6	HDU5 - SDS2.5	-
E	(2) 1¾"x3½" LVL @ 16" OC	½" QR530	½" QR530	No. 8 DW SCREWS (2 ½")	6:12	HDU5 - SDS2.5	MSTC 52 (18GA)

NOTES:

1. NAILING AT INTERMEDIATE MEMBERS TO BE SPACED AT 12" O.C. (UON).
2. PROVIDE 2"x2"x 3/16" PLATE WASHERS AT SILL BOLTS.
3. ALL END POSTS SHALL BE A MINIMUM (3) 2x6 - UON.
4. PROVIDE (3) 2X6 STUDS (MIN) AT EACH HOLDOWN (UON).
5. ALL SHEAR WALL PANELS ARE "BLOCKED".
6. DEPENDING ON THE PANEL WIDTH AND END POST SIZE, SOME PANELS MAY NOT REQUIRE INTERMEDIATE STUDS.
7. FILL ALL NAIL HOLES (INCLUDING AT RIM BOARD) ON ALL MSTC STRAPS. FILL FIRST HALF ONLY AND COMPLETE THE BOTTOM HALF AFTER THE ROOF IS INSTALLED (IF POSSIBLE). STRAPS TO BE INSTALLED AT TOP & BOTTOM OF EACH END POST.
8. THESE ARE MINIMUM SHEAR WALL REQUIREMENTS - REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL WALL DETAILS.





TRUSS ENGINEERING APPROVAL NOTE:

ENGINEER OF RECORD AS DELEGATED PRE-ENGINEERED TRUSS SYSTEMS TO SPECIALTY ENGINEER FOR TRUSS DESIGN.

VERIFY CLEAR SPAN BETWEEN FINISHED WALL SURFACE PRIOR TO DESIGNING TRUSSES.

EOR WILL REVIEW TRUSS DESIGN DOCUMENTS SUBMITTED BY SPECIALTY ENGINEER TO CONFORM ADHERENCE TO STRUCTURAL DESIGN SPECIFICATIONS AND THAT TRUSS REACTION LOADS CAN BE SUPPORTED BY THE STRUCTURE.

SPECIALITY ENGINEER WILL ISSUE TRUSS SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.

DEAD LOAD

TOP CHORD = 15 PSF
BOTTOM CHORD = 10 PSF

LIVE LOAD = 40 PSF
= 100 PSF (LOUNGE/THEATER)

TOTAL ALLOWABLE LIVE LOAD DEFLECTION = L/360

1 PARTIAL GROUND FLOOR PLAN W/ CEILING FRAMING (ABOVE)

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

NOTES

PROJECT NORTH

No.	REVISION/SUBMISSION	DATE
	ISSUED FOR PERMIT	11/12/21

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POUGHKEEPSIE, NEW YORK 12601
PHONE 845-452-2268 FAX 845-452-3752

PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
PARTIAL GRND FP W/ CEILING FRAMING (ABOVE)

SEAL

STATE OF NEW YORK · DANIEL T. CONNOLLY · No. 079430 · LICENSED PROFESSIONAL ENGINEER

DRAWN BY	PROJECT NUMBER
CM	2103036
CHECKED BY	DATE
DC	11/12/21

DRAWING NUMBER
S.203

FILE

NOTES:

1. T/SLAB ELEVATION = 0'-0" U.O.N. COORDINATE T/SLAB ELEVATIONS W/ ARCH. PRIOR TO CONSTRUCTION.
2. COORDINATE ALL DIMENSIONS, ELEVATIONS, DOOR AND WINDOW LOCATIONS W/ ARCH. DRAWINGS AND/OR EXISTING CONDITIONS.
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4. COORDINATE CONCRETE SAWCUT CONTROL JOINTS (SEE TYP. CONCRETE DETAILS).
5. C# - INDICATES STEEL COLUMN, SEE COLUMN SCHEDULE.
6. P# - INDICATES TIMBER COLUMNS, SEE COLUMN SCHEDULE.
7. ▨ BEARING WALL WITH 2x4/2x6 @ 16" OC & DOUBLE TOP PLATES.
8. ▶ INDICATES MOMENT CONNECTION (REFER TO DETAILS).
9. REFER TO 1/S.308 FOR ADDITIONAL STAIR DETAILS.
10. ▨ EXTERIOR 2x6 @ 16" OC WALL W/ DOUBLE TOP PLATE.
11. < > INDICATES BEAM REACTION IN KIPS.

STEEL COLUMN SCHEDULE		
DESIGNATION	SIZE	BASEPLATE SIZE (t)
C1	HSS 4x4x1/2	1"x10"x10"
C2	HSS 5x5x1/2	1-1/4"x11"x11"
C3	HSS 6x6x1/2	1-1/2"x12"x12"

NOTE:

1. SIZES FOR PIER/SPREAD FOOTING SUPPORTED COLUMNS REFER TO S.303 FOR POSTS ON EXTERIOR FOUNDATION WALLS.

WOOD HEADER SHEDULE			
SPAN CONDITION	HEADER SIZE	JACK STUDS	KING STUDS
UP TO 2'-6"	(3) 2x8	1	2
2'-6" UP TO 3'-0"	(3) 2x10	1	2
3'-0" UP TO 4'-6"	(3) 2x12	2	2
4'-6" UP TO 6'-6"	(3) 1 3/4" x 11 1/4" LVL	2	2
6'-6" UP TO 8'-6"	(3) 1 3/4" x 11 7/8" LVL	2	3
8'-6" UP TO 10'-0"	(3) 1 3/4" x 14" LVL	2	4

NOTES:

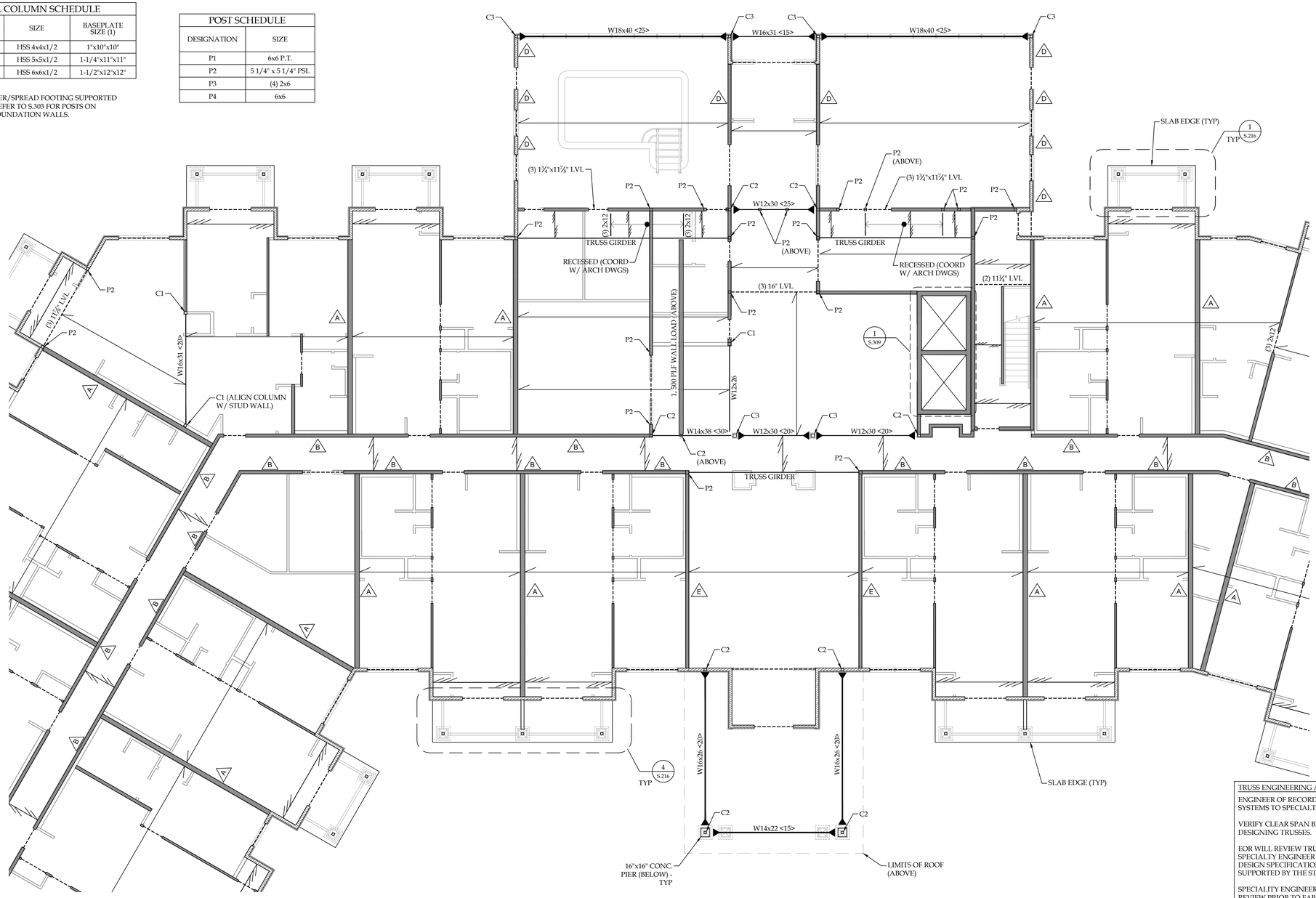
1. ABOVE KING STUD SCHEDULE IS FOR WHEN NO STRUCTURAL POST 'P' IS SHOWN ON THE PLANS.
2. USE PLYWOOD SHIMS BETWEEN HEADERS TO MATCH WALL WIDTH.
3. CONSULT STRUCTURAL ENGINEER IF HEADER SIZE IS NOT SHOWN ON PLANS AND THE SPAN IS LARGER THAN ABOVE.

POST SCHEDULE	
DESIGNATION	SIZE
P1	6x6 P.T.
P2	5 1/4" x 5 1/4" PSL
P3	(4) 2x6
P4	6x6

SHEAR WALL TABLE							
PANEL DESIGNATION	STUD FRAMING (MIN)	SHEATHING MATERIAL (MIN.) SIDE 1	SHEATHING MATERIAL (MIN.) SIDE 2	FASTENER SIZE	FASTENER PATTERN (EDGE : FIELD)	HOLDOWN @ END POST 1ST FLOOR	HOLDOWN @ END POST UPPER FLOORS
A	(2) 2X4 @ 16" OC	½" QR530	½" QR530	No. 8 DW SCREWS (2 ½")	6:12	HDU5 - SDS2.5	MSTC 52 (18GA)
B	2X6 @ 16" OC	½" QR530	-	No. 8 DW SCREWS (2 ½")	6:12	HDU2 - SDS2.5	MSTC 40 (18GA)
C	(2) 2X4 @ 24" OC	½" QR530	-	No. 8 DW SCREWS (2 ½")	6:12	-	MSTC 40 (18GA)
D	2X6 @ 16" OC	7/16" APA STRUCT I	-	10d COMMON	4:6	HDU5 - SDS2.5	-
E	(2) 1¾"x3½" LVL @ 16" OC	½" QR530	½" QR530	No. 8 DW SCREWS (2 ½")	6:12	HDU5 - SDS2.5	MSTC 52 (18GA)

NOTES:

1. NAILING AT INTERMEDIATE MEMBERS TO BE SPACED AT 12" O.C. (UON).
2. PROVIDE 2"x2"x 3/16" PLATE WASHERS AT SILL BOLTS.
3. ALL END POSTS SHALL BE A MINIMUM (3) 2x6 - UON.
4. PROVIDE (3) 2X6 STUDS (MIN) AT EACH HOLDOWN (UON).
5. ALL SHEAR WALL PANELS ARE "BLOCKED".
6. DEPENDING ON THE PANEL WIDTH AND END POST SIZE, SOME PANELS MAY NOT REQUIRE INTERMEDIATE STUDS.
7. FILL ALL NAIL HOLES (INCLUDING AT RIM BOARD) ON ALL MSTC STRAPS. FILL FIRST HALF ONLY AND COMPLETE THE BOTTOM HALF AFTER THE ROOF IS INSTALLED (IF POSSIBLE). STRAPS TO BE INSTALLED AT TOP & BOTTOM OF EACH END POST.
8. THESE ARE MINIMUM SHEAR WALL REQUIREMENTS - REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL WALL DETAILS.



24" FLOOR TRUSSES (ABOVE) (NOTE INTERMEDIATE BEARING WALLS/HEADERS)

2x10 CEILING JOISTS @ 16" OC

2x12 CEILING JOISTS @ 16" OC

TRUSS ENGINEERING APPROVAL NOTE:

ENGINEER OF RECORD AS DELEGATED PRE-ENGINEERED TRUSS SYSTEMS TO SPECIALTY ENGINEER FOR TRUSS DESIGN.

VERIFY CLEAR SPAN BETWEEN FINISHED WALL SURFACE PRIOR TO DESIGNING TRUSSES.

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SPECIALITY ENGINEER WILL ISSUE TRUSS SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.

DEAD LOAD

TOP CHORD = 15 PSF
BOTTOM CHORD = 10 PSF

LIVE LOAD = 40 PSF
= 100 PSF (LOUNGE/THEATER)

TOTAL ALLOWABLE LIVE LOAD DEFLECTION = L/360

1 PARTIAL GROUND FLOOR PLAN W/ CEILING FRAMING (ABOVE)

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

NOTES

PROJECT NORTH

No.	REVISION/SUBMISSION	DATE
	ISSUED FOR PERMIT	11/12/21

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PHONE 845-452-2268 FAX 845-452-3752

PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
PARTIAL GRND FP W/ CEILING FRAMING (ABOVE)

SEAL: STATE OF NEW YORK · DANIEL T. CONNOLLY · NO. 079433 · LICENSED PROFESSIONAL ENGINEER

DRAWN BY	PROJECT NUMBER
CM	2103036
CHECKED BY	DATE
DC	11/12/21

DRAWING NUMBER
S.204

FILE

NOTES:

1. T/SLAB ELEVATION = 0'-0" U.O.N. COORDINATE T/SLAB ELEVATIONS W/ ARCH. PRIOR TO CONSTRUCTION.
2. COORDINATE ALL DIMENSIONS, ELEVATIONS, DOOR AND WINDOW LOCATIONS W/ ARCH. DRAWINGS AND/OR EXISTING CONDITIONS.
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4. COORDINATE CONCRETE SAWCUT CONTROL JOINTS (SEE TYP. CONCRETE DETAILS).
5. C# - INDICATES STEEL COLUMN, SEE COLUMN SCHEDULE.
6. P# - INDICATES TIMBER COLUMNS, SEE COLUMN SCHEDULE.
7. ▨ BEARING WALL WITH 2x4/2x6 @ 16" OC & DOUBLE TOP PLATES.
8. ▶ INDICATES MOMENT CONNECTION (REFER TO DETAILS).
9. REFER TO 1/S.308 FOR ADDITIONAL STAIR DETAILS.
10. ▨ EXTERIOR 2x6 @ 16" OC WALL W/ DOUBLE TOP PLATE.
11. < > INDICATES BEAM REACTION IN KIPS.

STEEL COLUMN SCHEDULE

DESIGNATION	SIZE	BASEPLATE SIZE (1)
C1	HSS 4x4x1/2	1"x10"x10"
C2	HSS 5x5x1/2	1-1/4"x11"x11"
C3	HSS 6x6x1/2	1-1/2"x12"x12"

NOTE:

1. SIZES FOR PIER/SPREAD FOOTING SUPPORTED COLUMNS REFER TO S.303 FOR POSTS ON EXTERIOR FOUNDATION WALLS.

POST SCHEDULE

DESIGNATION	SIZE
P1	6x6 P.T.
P2	5 1/4" x 5 1/4" PSL
P3	(4) 2x6
P4	6x6

WOOD HEADER SHEDULE

SPAN CONDITION	HEADER SIZE	JACK STUDS	KING STUDS
UP TO 2'-6"	(3) 2x8	1	2
2'-6" UP TO 3'-0"	(3) 2x10	1	2
3'-0" UP TO 4'-6"	(3) 2x12	2	2
4'-6" UP TO 6'-6"	(3) 1 3/4" x 11 1/4" LVL	2	2
6'-6" UP TO 8'-6"	(3) 1 3/4" x 11 7/8" LVL	2	3
8'-6" UP TO 10'-0"	(3) 1 3/4" x 14" LVL	2	4

NOTES:

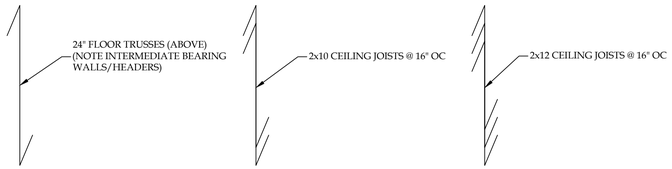
1. ABOVE KING STUD SCHEDULE IS FOR WHEN NO STRUCTURAL POST 'P' IS SHOWN ON THE PLANS.
2. USE PLYWOOD SHIMS BETWEEN HEADERS TO MATCH WALL WIDTH.
3. CONSULT STRUCTURAL ENGINEER IF HEADER SIZE IS NOT SHOWN ON PLANS AND THE SPAN IS LARGER THAN ABOVE.

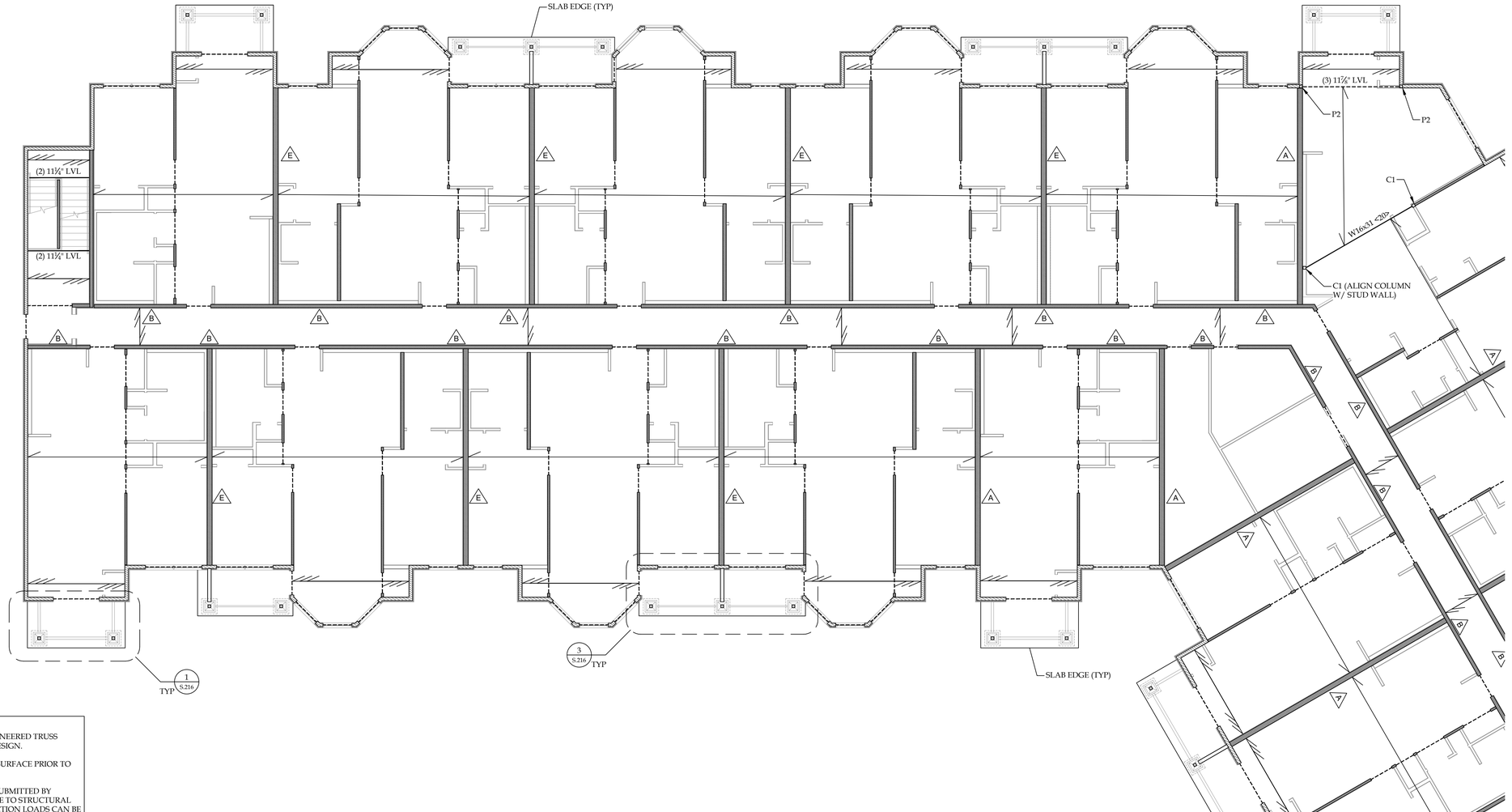
SHEAR WALL TABLE

PANEL DESIGNATION	STUD FRAMING (MIN)	SHEATHING MATERIAL (MIN.) SIDE 1	SHEATHING MATERIAL (MIN.) SIDE 2	FASTENER SIZE	FASTENER PATTERN (EDGE : FIELD)	HOLDOWN @ END POST 1ST FLOOR	HOLDOWN @ END POST UPPER FLOORS
A	(2) 2X4 @ 16" OC	½" QR530	½" QR530	No. 8 DW SCREWS (2 ½")	6:12	HDU5 - SDS2.5	MSTC 52 (18GA)
B	2X6 @ 16" OC	½" QR530	-	No. 8 DW SCREWS (2 ½")	6:12	HDU2 - SDS2.5	MSTC 40 (18GA)
C	(2) 2X4 @ 24" OC	½" QR530	-	No. 8 DW SCREWS (2 ½")	6:12	-	MSTC 40 (18GA)
D	2X6 @ 16" OC	7/16" APA STRUCT I	-	10d COMMON	4:6	HDU5 - SDS2.5	-
E	(2) 1¾"x3½" LVL @ 16" OC	½" QR530	½" QR530	No. 8 DW SCREWS (2 ½")	6:12	HDU5 - SDS2.5	MSTC 52 (18GA)

NOTES:

1. NAILING AT INTERMEDIATE MEMBERS TO BE SPACED AT 12" O.C. (UON).
2. PROVIDE 2"x2"x 3/16" PLATE WASHERS AT SILL BOLTS.
3. ALL END POSTS SHALL BE A MINIMUM (3) 2x6 - UON.
4. PROVIDE (3) 2X6 STUDS (MIN) AT EACH HOLDOWN (UON).
5. ALL SHEAR WALL PANELS ARE "BLOCKED".
6. DEPENDING ON THE PANEL WIDTH AND END POST SIZE, SOME PANELS MAY NOT REQUIRE INTERMEDIATE STUDS.
7. FILL ALL NAIL HOLES (INCLUDING AT RIM BOARD) ON ALL MSTC STRAPS. FILL FIRST HALF ONLY AND COMPLETE THE BOTTOM HALF AFTER THE ROOF IS INSTALLED (IF POSSIBLE). STRAPS TO BE INSTALLED AT TOP & BOTTOM OF EACH END POST.
8. THESE ARE MINIMUM SHEAR WALL REQUIREMENTS - REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL WALL DETAILS.





TRUSS ENGINEERING APPROVAL NOTE:

ENGINEER OF RECORD AS DELEGATED PRE-ENGINEERED TRUSS SYSTEMS TO SPECIALTY ENGINEER FOR TRUSS DESIGN.

VERIFY CLEAR SPAN BETWEEN FINISHED WALL SURFACE PRIOR TO DESIGNING TRUSSES.

EOR WILL REVIEW TRUSS DESIGN DOCUMENTS SUBMITTED BY SPECIALTY ENGINEER TO CONFORM ADHERENCE TO STRUCTURAL DESIGN SPECIFICATIONS AND THAT TRUSS REACTION LOADS CAN BE SUPPORTED BY THE STRUCTURE.

SPECIALITY ENGINEER WILL ISSUE TRUSS SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.

DEAD LOAD

TOP CHORD = 15 PSF
BOTTOM CHORD = 10 PSF

LIVE LOAD = 40 PSF
= 100 PSF (LOUNGE/THEATER)

TOTAL ALLOWABLE LIVE LOAD DEFLECTION = L/360

1 PARTIAL GROUND FLOOR PLAN W/ CEILING FRAMING (ABOVE)

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

NOTES

PROJECT NORTH

No.	REVISION/SUBMISSION	DATE
	ISSUED FOR PERMIT	11/12/21

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181 CHURCH STREET
POUGHKEEPSIE, NEW YORK 12601
PHONE 845-452-2268 FAX 845-452-3752

PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
PARTIAL GRND FP W/ CEILING FRAMING (ABOVE)

SEAL: STATE OF NEW YORK · DANIEL T. CONNOLLY · NO. 079413 · LICENSED PROFESSIONAL ENGINEER

DRAWN BY	PROJECT NUMBER
CM	2103036
CHECKED BY	DATE
DC	11/12/21

DRAWING NUMBER
S.205

FILE

NOTES:

1. TOP OF SUBFLOOR DECK ELEVATION = (+) 12'-0", UNO.
   X.XX' - INDICATES FLOOR DECK ELEVATION.
2. ⟵ - INDICATES SPAN DIRECTION OF FLOOR/ROOF TRUSSES.
3. FLOOR DECKING SHALL BE GLUED AND NAILED @ 6" OC.
4. BLOCK B/W JOISTS WHERE BEARING WALL ABOVE RUNS PERPENDICULAR TO JOIST SPAN.
5. COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
6. COORDINATE ALL WALL PENETRATIONS, UTILITIES AND MECHANICAL CHASES WITH APPLICABLE TRADES.
7. C#/P# - INDICATES POST/STEEL COLUMN PER POST/COL. SCHEDULE (SEE SCHEDULE).
8. ALL NAILING SHALL BE FASTENED IN ACCORDANCE WITH NAILING SCHEDULE.
9. △ - INDICATES SHEAR WALL PER SHEARWALL SCHEDULE (THIS SHEET).
10. 2x4/2X6 @ 16" OC W/ DOUBLE TOP PLATE BEARING WALL (UON).
11. ROTATE STEEL COLUMN TO ALIGN W/ STUDS.
12. REFER TO 1/S.308 FOR ADDITIONAL STAIR DETAILS.
13. EXTERIOR 2x6 @ 16" OC WALL W/ DOUBLE TOP PLATE.
14. < > INDICATES BEAM REACTION IN KIPS.

STEEL COLUMN SCHEDULE		
DESIGNATION	SIZE	BASEPLATE SIZE (1)
C1	HSS 4x4x1/2	1"x10"x10"
C2	HSS 5x5x1/2	1-1/4"x11"x11"
C3	HSS 6x6x1/2	1-1/2"x12"x12"

NOTE:

1. SIZES FOR PIER/SPREAD FOOTING SUPPORTED COLUMNS REFER TO S.303 FOR POSTS ON EXTERIOR FOUNDATION WALLS.

POST SCHEDULE	
DESIGNATION	SIZE
P1	6x6 P.T.
P2	5 1/4" x 5 1/4" PSL
P3	(4) 2x6
P4	6x6

WOOD HEADER SHEDULE			
SPAN CONDITION	HEADER SIZE	JACK STUDS	KING STUDS
UP TO 2'-6"	(3) 2x8	1	2
2'-6" UP TO 3'-0"	(3) 2x10	1	2
3'-0" UP TO 4'-6"	(3) 2x12	2	2
4'-6" UP TO 6'-6"	(3) 1 3/4" x 11 1/4" LVL	2	2
6'-6" UP TO 8'-6"	(3) 1 3/4" x 11 7/8" LVL	2	3
8'-6" UP TO 10'-0"	(3) 1 3/4" x 14" LVL	2	4

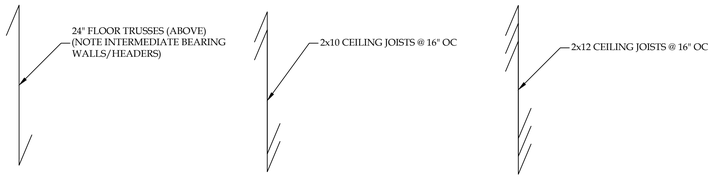
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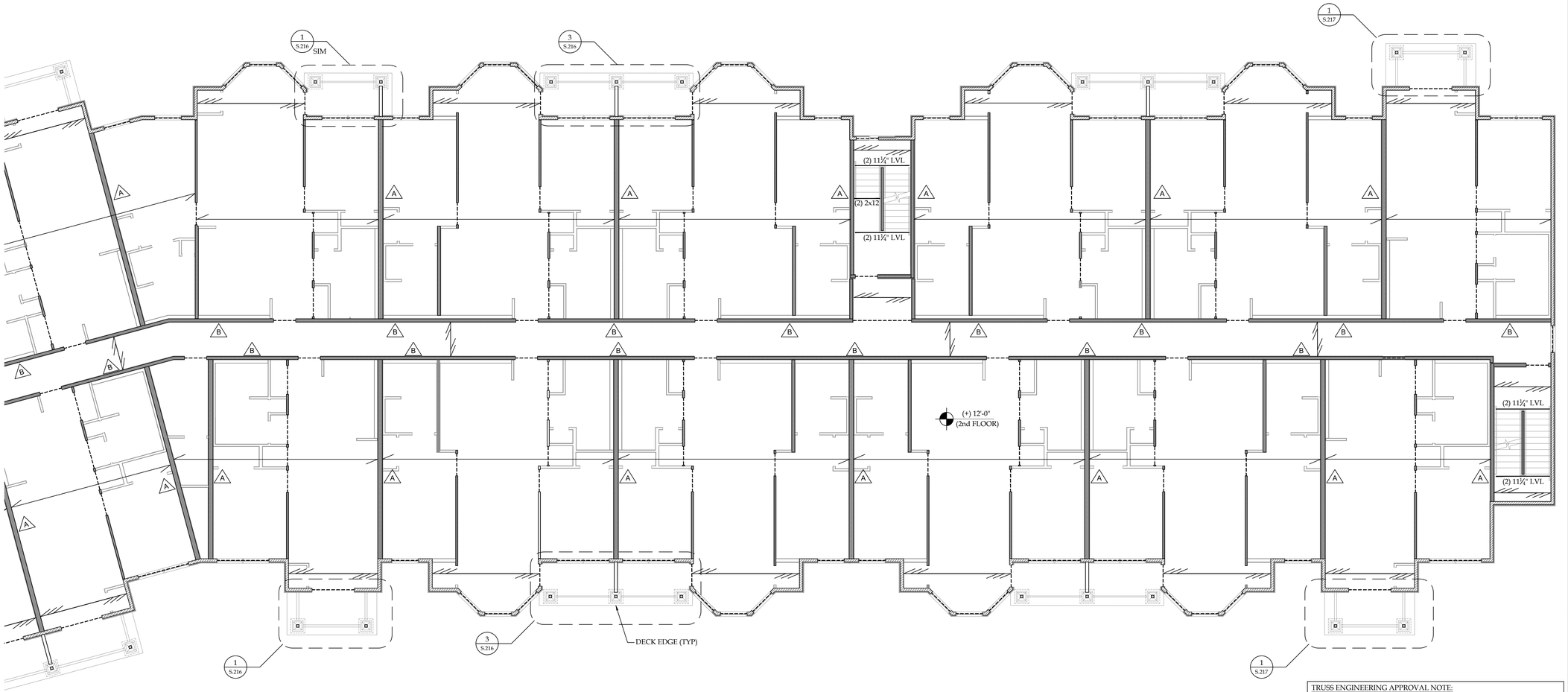
1. ABOVE KING STUD SCHEDULE IS FOR WHEN NO STRUCTURAL POST 'P' IS SHOWN ON PLANS.
2. USE PLYWOOD SHIMS BETWEEN HEADERS TO MATCH WALL WIDTH.
3. CONSULT STRUCTURAL ENGINEER IF HEADER SIZE IS NOT SHOWN ON PLANS AND THE SPAN IS LARGER THAN ABOVE.

SHEAR WALL TABLE							
PANEL DESIGNATION	STUD FRAMING (MIN)	SHEATHING MATERIAL (MIN.) SIDE 1	SIDE 2	FASTENER SIZE	PATTERN (EDGE : FIELD)	HOLDOWN @ END POST 1ST FLOOR	UPPER FLOORS
△ A	(2) 2X4 @ 16" OC	½" QR530	½" QR530	No. 8 DW SCREWS (2 ½")	6:12	HDU5 - SDS2.5	MSTC 52 (18GA)
△ B	2X6 @ 16" OC	½" QR530	-	No. 8 DW SCREWS (2 ½")	6:12	HDU2 - SDS2.5	MSTC 40 (18GA)
△ C	(2) 2X4 @ 24" OC	½" QR530	-	No. 8 DW SCREWS (2 ½")	6:12	-	MSTC 40 (18GA)
△ D	2X6 @ 16" OC	7/16" APA STRUCT I	-	10d COMMON	4:6	HDU5 - SDS2.5	-
△ E	(2) 1¾"x3½" LVL @ 16" OC	½" QR530	½" QR530	No. 8 DW SCREWS (2 ½")	6:12	HDU5 - SDS2.5	MSTC 52 (18GA)

NOTES:

1. NAILING AT INTERMEDIATE MEMBERS TO BE SPACED AT 12" O.C. (UON).
2. PROVIDE 2"x2"x 3/16" PLATE WASHERS AT SILL BOLTS.
3. ALL END POSTS SHALL BE A MINIMUM (3) 2x6 - UON.
4. PROVIDE (3) 2X6 STUDS (MIN) AT EACH HOLDOWN (UON).
5. ALL SHEAR WALL PANELS ARE "BLOCKED".
6. DEPENDING ON THE PANEL WIDTH AND END POST SIZE, SOME PANELS MAY NOT REQUIRE INTERMEDIATE STUDS.
7. FILL ALL NAIL HOLES (INCLUDING AT RIM BOARD) ON ALL MSTC STRAPS. FILL FIRST HALF ONLY AND COMPLETE THE BOTTOM HALF AFTER THE ROOF IS INSTALLED (IF POSSIBLE). STRAPS TO BE INSTALLED AT TOP & BOTTOM OF EACH END POST.
8. THESE ARE MINIMUM SHEAR WALL REQUIREMENTS - REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL WALL DETAILS.





TRUSS ENGINEERING APPROVAL NOTE:

ENGINEER OF RECORD AS DELEGATED PRE-ENGINEERED TRUSS SYSTEMS TO SPECIALTY ENGINEER FOR TRUSS DESIGN.

VERIFY CLEAR SPAN BETWEEN FINISHED WALL SURFACE PRIOR TO DESIGNING TRUSSES.

EOR WILL REVIEW TRUSS DESIGN DOCUMENTS SUBMITTED BY SPECIALTY ENGINEER TO CONFORM ADHERENCE TO STRUCTURAL DESIGN SPECIFICATIONS AND THAT TRUSS REACTION LOADS CAN BE SUPPORTED BY THE STRUCTURE.

SPECIALITY ENGINEER WILL ISSUE TRUSS SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.

DEAD LOAD

TOP CHORD = 15 PSF
BOTTOM CHORD = 10 PSF

LIVE LOAD = 40 PSF
= 100 PSF (LOUNGE/THEATER)

TOTAL ALLOWABLE LIVE LOAD DEFLECTION = L/360

1 PARTIAL SECOND FLOOR PLAN W/ CEILING FRAMING (ABOVE)

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

NOTES

PROJECT NORTH

No.	REVISION/SUBMISSION	DATE
	ISSUED FOR PERMIT	11/12/21

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POUGHKEEPSIE, NEW YORK 12601
PHONE 845-452-2268 FAX 845-452-3752

PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
PARTIAL 2ND FP W/ CEILING FRAMING (ABOVE)

SEAL
STATE OF NEW YORK · DANIEL T. CONNOLLY · No. 076433 · LICENSED PROFESSIONAL ENGINEER

DRAWN BY	PROJECT NUMBER
CM	2103036
CHECKED BY	DATE
DC	11/12/21

DRAWING NUMBER
S.206

FILE

NOTES:

1. TOP OF SUBFLOOR DECK ELEVATION = (+) 12'-0", UNO.
   x.xx' - INDICATES FLOOR DECK ELEVATION.
2. ⟷ - INDICATES SPAN DIRECTION OF FLOOR/ROOF TRUSSES.
3. FLOOR DECKING SHALL BE GLUED AND NAILED @ 6" OC.
4. BLOCK B/W JOISTS WHERE BEARING WALL ABOVE RUNS PERPENDICULAR TO JOIST SPAN.
5. COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
6. COORDINATE ALL WALL PENETRATIONS, UTILITIES AND MECHANICAL CHASES WITH APPLICABLE TRADES.
7. C#/P# - INDICATES POST/STEEL COLUMN PER POST/COL. SCHEDULE (SEE SCHEDULE).
8. ALL NAILING SHALL BE FASTENED IN ACCORDANCE WITH NAILING SCHEDULE.
9. △ - INDICATES SHEAR WALL PER SHEARWALL SCHEDULE (THIS SHEET).
10. 2x4/2X6 @ 16" OC W/ DOUBLE TOP PLATE BEARING WALL (UON).
11. ROTATE STEEL COLUMN TO ALIGN W/ STUDS.
12. REFER TO 1/S.308 FOR ADDITIONAL STAIR DETAILS.
13. EXTERIOR 2x6 @ 16" OC WALL W/ DOUBLE TOP PLATE.
14. < > INDICATES BEAM REACTION IN KIPS.

STEEL COLUMN SCHEDULE		
DESIGNATION	SIZE	BASEPLATE SIZE (1)
C1	HSS 4x4x1/2	1"x10"x10"
C2	HSS 5x5x1/2	1-1/4"x11"x11"
C3	HSS 6x6x1/2	1-1/2"x12"x12"

NOTE:

1. SIZES FOR PIER/SPREAD FOOTING SUPPORTED COLUMNS REFER TO S.303 FOR POSTS ON EXTERIOR FOUNDATION WALLS.

POST SCHEDULE	
DESIGNATION	SIZE
P1	6x6 P.T.
P2	5 1/4" x 5 1/4" PSL
P3	(4) 2x6
P4	6x6

WOOD HEADER SHEDULE			
SPAN CONDITION	HEADER SIZE	JACK STUDS	KING STUDS
UP TO 2'-6"	(3) 2x8	1	2
2'-6" UP TO 3'-0"	(3) 2x10	1	2
3'-0" UP TO 4'-6"	(3) 2x12	2	2
4'-6" UP TO 6'-6"	(3) 1 3/4" x 11 1/4" LVL	2	2
6'-6" UP TO 8'-6"	(3) 1 3/4" x 11 7/8" LVL	2	3
8'-6" UP TO 10'-0"	(3) 1 3/4" x 14" LVL	2	4

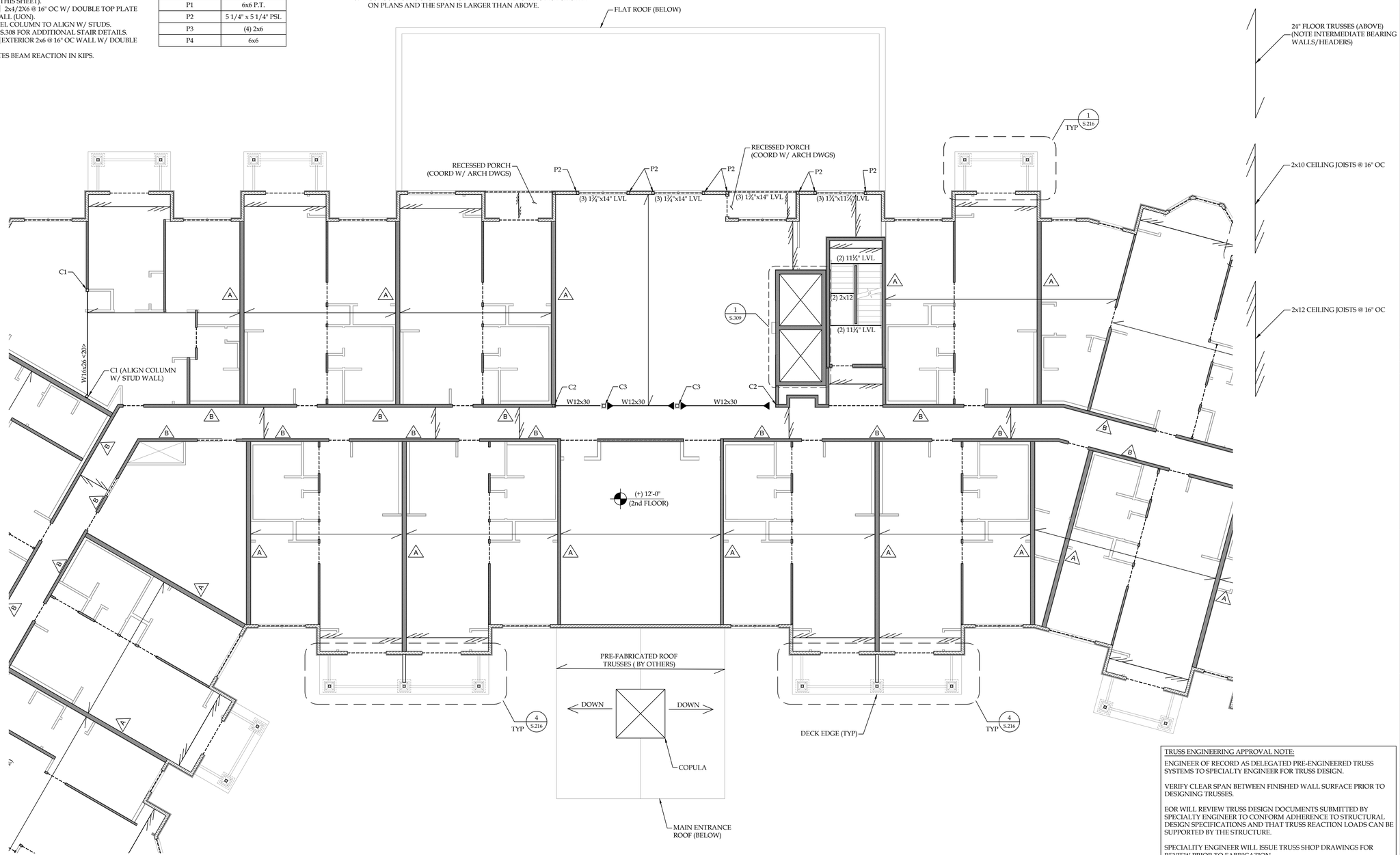
NOTES:

1. ABOVE KING STUD SCHEDULE IS FOR WHEN NO STRUCTURAL POST 'P' IS SHOWN ON PLANS.
2. USE PLYWOOD SHIMS BETWEEN HEADERS TO MATCH WALL WIDTH.
3. CONSULT STRUCTURAL ENGINEER IF HEADER SIZE IS NOT SHOWN ON PLANS AND THE SPAN IS LARGER THAN ABOVE.

SHEAR WALL TABLE							
PANEL DESIGNATION	STUD FRAMING (MIN)	SHEATHING MATERIAL (MIN.) SIDE 1	SHEATHING MATERIAL (MIN.) SIDE 2	FASTENER SIZE	FASTENER PATTERN (EDGE : FIELD)	HOLDOWN @ END POST 1ST FLOOR	HOLDOWN @ END POST UPPER FLOORS
A	(2) 2X4 @ 16" OC	½" QR530	½" QR530	No. 8 DW SCREWS (2 ½")	6:12	HDU5 - SDS2.5	MSTC 52 (18GA)
B	2X6 @ 16" OC	½" QR530	-	No. 8 DW SCREWS (2 ½")	6:12	HDU2 - SDS2.5	MSTC 40 (18GA)
C	(2) 2X4 @ 24" OC	½" QR530	-	No. 8 DW SCREWS (2 ½")	6:12	-	MSTC 40 (18GA)
D	2X6 @ 16" OC	7/16" APA STRUCT I	-	10d COMMON	4:6	HDU5 - SDS2.5	-
E	(2) 1¾"x3½" LVL @ 16" OC	½" QR530	½" QR530	No. 8 DW SCREWS (2 ½")	6:12	HDU5 - SDS2.5	MSTC 52 (18GA)

NOTES:

1. NAILING AT INTERMEDIATE MEMBERS TO BE SPACED AT 12" O.C. (UON).
2. PROVIDE 2"x2"x 3/16" PLATE WASHERS AT SILL BOLTS.
3. ALL END POSTS SHALL BE A MINIMUM (3) 2x6 - UON.
4. PROVIDE (3) 2X6 STUDS (MIN) AT EACH HOLDOWN (UON).
5. ALL SHEAR WALL PANELS ARE "BLOCKED".
6. DEPENDING ON THE PANEL WIDTH AND END POST SIZE, SOME PANELS MAY NOT REQUIRE INTERMEDIATE STUDS.
7. FILL ALL NAIL HOLES (INCLUDING AT RIM BOARD) ON ALL MSTC STRAPS. FILL FIRST HALF ONLY AND COMPLETE THE BOTTOM HALF AFTER THE ROOF IS INSTALLED (IF POSSIBLE). STRAPS TO BE INSTALLED AT TOP & BOTTOM OF EACH END POST.
8. THESE ARE MINIMUM SHEAR WALL REQUIREMENTS - REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL WALL DETAILS.



1 PARTIAL SECOND FLOOR PLAN W/ CEILING FRAMING (ABOVE)

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

TRUSS ENGINEERING APPROVAL NOTE:

ENGINEER OF RECORD AS DELEGATED PRE-ENGINEERED TRUSS SYSTEMS TO SPECIALTY ENGINEER FOR TRUSS DESIGN.

VERIFY CLEAR SPAN BETWEEN FINISHED WALL SURFACE PRIOR TO DESIGNING TRUSSES.

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SPECIALITY ENGINEER WILL ISSUE TRUSS SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.

DEAD LOAD

TOP CHORD = 15 PSF
BOTTOM CHORD = 10 PSF

LIVE LOAD = 40 PSF
= 100 PSF (LOUNGE/THEATER)

TOTAL ALLOWABLE LIVE LOAD DEFLECTION = L/360

NOTES

PROJECT NORTH

No.	REVISION/SUBMISSION	DATE
	ISSUED FOR PERMIT	11/12/21

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
PARTIAL 2ND FP W/ CEILING FRAMING (ABOVE)

SEAL

STATE OF NEW YORK · DANIEL T. CONNOLLY · LICENSED PROFESSIONAL ENGINEER · NO. 079413

DRAWN BY	PROJECT NUMBER
CM	2103036
CHECKED BY	DATE
DC	11/12/21

DRAWING NUMBER
S.207

FILE

NOTES:

1. TOP OF SUBFLOOR DECK ELEVATION = (+) 12'-0", UNO.
   x.xx' - INDICATES FLOOR DECK ELEVATION.
2. ⟷ - INDICATES SPAN DIRECTION OF FLOOR/ROOF TRUSSES.
3. FLOOR DECKING SHALL BE GLUED AND NAILED @ 6" OC.
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10. 2x4/2X6 @ 16" OC W/ DOUBLE TOP PLATE BEARING WALL (UON).
11. ROTATE STEEL COLUMN TO ALIGN W/ STUDS.
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14. < > INDICATES BEAM REACTION IN KIPS.

STEEL COLUMN SCHEDULE

DESIGNATION	SIZE	BASEPLATE SIZE (1)
C1	HSS 4x4x1/2	1"x10"x10"
C2	HSS 5x5x1/2	1-1/4"x11"x11"
C3	HSS 6x6x1/2	1-1/2"x12"x12"

NOTE:

1. SIZES FOR PIER/SPREAD FOOTING SUPPORTED COLUMNS REFER TO S.303 FOR POSTS ON EXTERIOR FOUNDATION WALLS.

POST SCHEDULE

DESIGNATION	SIZE
P1	6x6 P.T.
P2	5 1/4" x 5 1/4" PSL
P3	(4) 2x6
P4	6x6

WOOD HEADER SHEDULE

SPAN CONDITION	HEADER SIZE	JACK STUDS	KING STUDS
UP TO 2'-6"	(3) 2x8	1	2
2'-6" UP TO 3'-0"	(3) 2x10	1	2
3'-0" UP TO 4'-6"	(3) 2x12	2	2
4'-6" UP TO 6'-6"	(3) 1 3/4" x 11 1/4" LVL	2	2
6'-6" UP TO 8'-6"	(3) 1 3/4" x 11 7/8" LVL	2	3
8'-6" UP TO 10'-0"	(3) 1 3/4" x 14" LVL	2	4

NOTES:

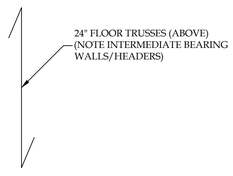
1. ABOVE KING STUD SCHEDULE IS FOR WHEN NO STRUCTURAL POST 'P' IS SHOWN ON PLANS.
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3. CONSULT STRUCTURAL ENGINEER IF HEADER SIZE IS NOT SHOWN ON PLANS AND THE SPAN IS LARGER THAN ABOVE.

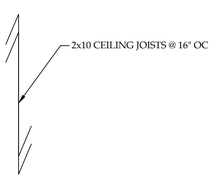
SHEAR WALL TABLE

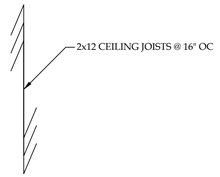
PANEL DESIGNATION	STUD FRAMING (MIN)	SHEATHING MATERIAL (MIN.) SIDE 1	SHEATHING MATERIAL (MIN.) SIDE 2	FASTENER SIZE	FASTENER PATTERN (EDGE : FIELD)	HOLDOWN @ END POST 1ST FLOOR	HOLDOWN @ END POST UPPER FLOORS
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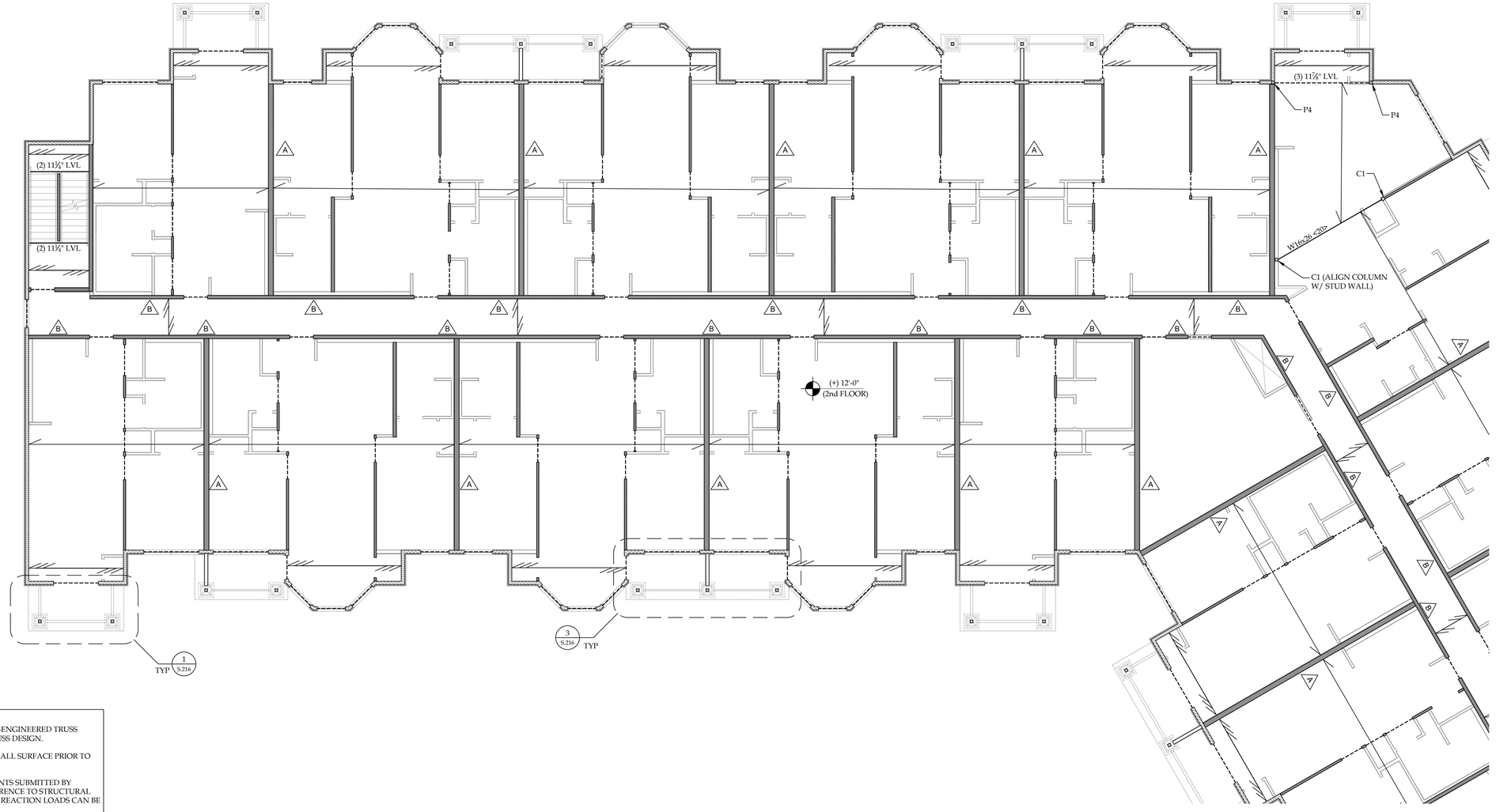
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TRUSS ENGINEERING APPROVAL NOTE:

ENGINEER OF RECORD AS DELEGATED PRE-ENGINEERED TRUSS SYSTEMS TO SPECIALTY ENGINEER FOR TRUSS DESIGN.

VERIFY CLEAR SPAN BETWEEN FINISHED WALL SURFACE PRIOR TO DESIGNING TRUSSES.

EOR WILL REVIEW TRUSS DESIGN DOCUMENTS SUBMITTED BY SPECIALTY ENGINEER TO CONFORM ADHERENCE TO STRUCTURAL DESIGN SPECIFICATIONS AND THAT TRUSS REACTION LOADS CAN BE SUPPORTED BY THE STRUCTURE.

SPECIALITY ENGINEER WILL ISSUE TRUSS SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.

DEAD LOAD

TOP CHORD = 15 PSF
BOTTOM CHORD = 10 PSF

LIVE LOAD = 40 PSF
= 100 PSF (LOUNGE/THEATER)

TOTAL ALLOWABLE LIVE LOAD DEFLECTION = L/360

1 PARTIAL SECOND FLOOR PLAN W/ CEILING FRAMING (ABOVE)

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

NOTES

PROJECT NORTH

No.	REVISION/SUBMISSION	DATE
	ISSUED FOR PERMIT	11/12/21

Connolly Engineering, PLLC
36 Grist Mill Lane
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845.635.1444
845.605.5001 fax
www.connollyengineering.com

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1898 COUNTY ROUTE 1, WESTTOWN, NY 10998
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MA – 53197 CT – 32283 FL – 85928

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ARCHITECTURE PLANNING INTERIORS
181 CHURCH STREET
POUGHKEEPSIE, NEW YORK 12601
PHONE 845-452-2268 FAX 845-452-3752

PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
PARTIAL 2ND FP W/ CEILING FRAMING (ABOVE)

SEAL: STATE OF NEW YORK · DANIEL T. CONNOLLY · NO. 079443 · LICENSED PROFESSIONAL ENGINEER

DRAWN BY	PROJECT NUMBER
CM	2103036
CHECKED BY	DATE
DC	11/12/21

DRAWING NUMBER
S.208

FILE

NOTES:

1. TOP OF SUBFLOOR DECK ELEVATION = (+) 24'-0", UNO.
   (+) x.xx' - INDICATES FLOOR DECK ELEVATION.
2. ⟵ - INDICATES SPAN DIRECTION OF FLOOR/ROOF TRUSSES.
3. FLOOR DECKING SHALL BE GLUED AND NAILED @ 6" OC.
4. BLOCK B/W JOISTS WHERE BEARING WALL ABOVE RUNS PERPENDICULAR TO JOIST SPAN.
5. COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
6. COORDINATE ALL WALL PENETRATIONS, UTILITIES AND MECHANICAL CHASES WITH APPLICABLE TRADES.
7. C#/P# - INDICATES POST/STEEL COLUMN PER POST/COL. SCHEDULE (SEE SCHEDULE).
8. ALL NAILING SHALL BE FASTENED IN ACCORDANCE WITH NAILING SCHEDULE.
9. △ - INDICATES SHEAR WALL PER SHEARWALL SCHEDULE (THIS SHEET).
10. ▨ 2x4/2X6 @ 16" OC W/ DOUBLE TOP PLATE BEARING WALL (UON).
11. ROTATE STEEL COLUMN TO ALIGN W/ STUDS.
12. REFER TO 1/S.308 FOR ADDITIONAL STAIR DETAILS.
13. ▨ EXTERIOR 2x6 @ 16" OC WALL W/ DOUBLE TOP PLATE.
14. < > INDICATES BEAM REACTION IN KIPS.

POST SCHEDULE	
DESIGNATION	SIZE
P1	6x6 P.T.
P2	5 1/4" x 5 1/4" PSL
P3	(4) 2x6
P4	6x6

STEEL COLUMN SCHEDULE		
DESIGNATION	SIZE	BASEPLATE SIZE (1)
C1	HSS 4x4x1/2	1"x10"x10"
C2	HSS 5x5x1/2	1-1/4"x11"x11"
C3	HSS 6x6x1/2	1-1/2"x12"x12"

NOTE:

1. SIZES FOR PIER/SPREAD FOOTING SUPPORTED COLUMNS REFER TO S.303 FOR POSTS ON EXTERIOR FOUNDATION WALLS.

WOOD HEADER SHEDULE			
SPAN CONDITION	HEADER SIZE	JACK STUDS	KING STUDS
UP TO 2'-6"	(3) 2x8	1	2
2'-6" UP TO 3'-0"	(3) 2x10	1	2
3'-0" UP TO 4'-6"	(3) 2x12	2	2
4'-6" UP TO 6'-6"	(3) 1 3/4" x 11 1/4" LVL	2	2
6'-6" UP TO 8'-6"	(3) 1 3/4" x 11 7/8" LVL	2	3
8'-6" UP TO 10'-0"	(3) 1 3/4" x 14" LVL	2	4

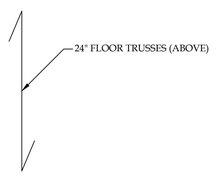
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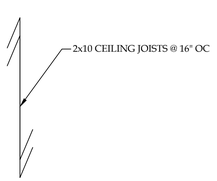
1. ABOVE KING STUD SCHEDULE IS FOR WHEN NO STRUCTURAL POST 'P' IS SHOWN ON PLANS.
2. USE PLYWOOD SHIMS BETWEEN HEADERS TO MATCH WALL WIDTH.
3. CONSULT STRUCTURAL ENGINEER IF HEADER SIZE IS NOT SHOWN ON PLANS AND THE SPAN IS LARGER THAN ABOVE.

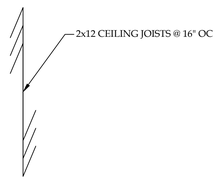
SHEAR WALL TABLE							
PANEL DESIGNATION		SHEATHING MATERIAL (MIN.)		FASTENER		HOLDOWN @ END POST	
	STUD FRAMING (MIN)	SIDE 1	SIDE 2	SIZE	PATTERN (EDGE : FIELD)	1ST FLOOR	UPPER FLOORS
A	(2) 2X4 @ 16" OC	½" QR530	½" QR530	No. 8 DW SCREWS (2 ½")	6:12	HDU5 - SDS2.5	MSTC 52 (18GA)
B	2X6 @ 16" OC	½" QR530	-	No. 8 DW SCREWS (2 ½")	6:12	HDU2 - SDS2.5	MSTC 40 (18GA)
C	(2) 2X4 @ 24" OC	½" QR530	-	No. 8 DW SCREWS (2 ½")	6:12	-	MSTC 40 (18GA)
D	2X6 @ 16" OC	7/16" APA STRUCT I	-	10d COMMON	4:6	HDU5 - SDS2.5	-
E	(2) 1¾"x3½" LVL @ 16" OC	½" QR530	½" QR530	No. 8 DW SCREWS (2 ½")	6:12	HDU5 - SDS2.5	MSTC 52 (18GA)

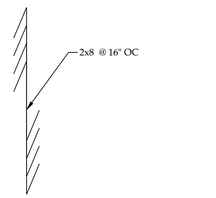
NOTES:

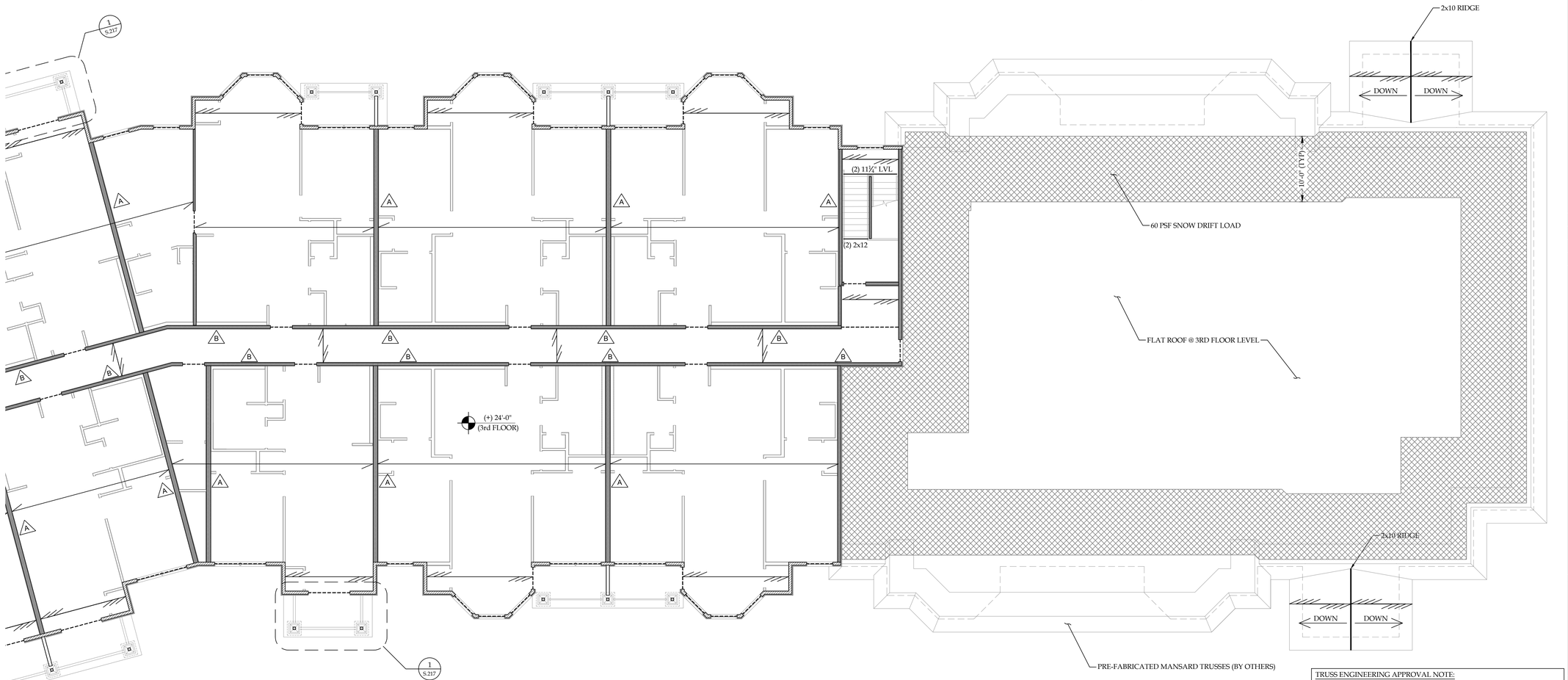
1. NAILING AT INTERMEDIATE MEMBERS TO BE SPACED AT 12" O.C. (UON).
2. PROVIDE 2"x2"x 3/16" PLATE WASHERS AT SILL BOLTS.
3. ALL END POSTS SHALL BE A MINIMUM (3) 2x6 - UON.
4. PROVIDE (3) 2X6 STUDS (MIN) AT EACH HOLDOWN (UON).
5. ALL SHEAR WALL PANELS ARE "BLOCKED".
6. DEPENDING ON THE PANEL WIDTH AND END POST SIZE, SOME PANELS MAY NOT REQUIRE INTERMEDIATE STUDS.
7. FILL ALL NAIL HOLES (INCLUDING AT RIM BOARD) ON ALL MSTC STRAPS. FILL FIRST HALF ONLY AND COMPLETE THE BOTTOM HALF AFTER THE ROOF IS INSTALLED (IF POSSIBLE). STRAPS TO BE INSTALLED AT TOP & BOTTOM OF EACH END POST.
8. THESE ARE MINIMUM SHEAR WALL REQUIREMENTS - REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL WALL DETAILS.











1 PARTIAL THIRD FLOOR PLAN W/ ROOF FRAMING (ABOVE)

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

TRUSS ENGINEERING APPROVAL NOTE:

ENGINEER OF RECORD AS DELEGATED PRE-ENGINEERED TRUSS SYSTEMS TO SPECIALTY ENGINEER FOR TRUSS DESIGN.

VERIFY CLEAR SPAN BETWEEN FINISHED WALL SURFACE PRIOR TO DESIGNING TRUSSES.

EOR WILL REVIEW TRUSS DESIGN DOCUMENTS SUBMITTED BY SPECIALTY ENGINEER TO CONFORM ADHERENCE TO STRUCTURAL DESIGN SPECIFICATIONS AND THAT TRUSS REACTION LOADS CAN BE SUPPORTED BY THE STRUCTURE.

SPECIALITY ENGINEER WILL ISSUE TRUSS SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.

DEAD LOAD

TOP CHORD = 15 PSF
BOTTOM CHORD = 10 PSF

LIVE LOAD = 20 PSF (ROOF)

TOTAL ALLOWABLE LIVE LOAD DEFLECTION = L/360

NOTES

PROJECT NORTH

No.	REVISION/SUBMISSION	DATE
	ISSUED FOR PERMIT	11/12/21

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
PARTIAL 3RD FP W/ ROOF FRAMING (ABOVE)

SEAL
STATE OF NEW YORK · DANIEL T. CONNOLLY · NO. 079413 · LICENSED PROFESSIONAL ENGINEER

DRAWN BY	PROJECT NUMBER
CM	2103036
CHECKED BY	DATE
DC	11/12/21

DRAWING NUMBER
S.209

FILE

NOTES:

1. TOP OF SUBFLOOR DECK ELEVATION = (+) 24'-0", UNO.
   x.xx' - INDICATES FLOOR DECK ELEVATION.
2. ⟵⟶ - INDICATES SPAN DIRECTION OF FLOOR/ROOF TRUSSES.
3. FLOOR DECKING SHALL BE GLUED AND NAILED @ 6" OC.
4. BLOCK B/W JOISTS WHERE BEARING WALL ABOVE RUNS PERPENDICULAR TO JOIST SPAN.
5. COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
6. COORDINATE ALL WALL PENETRATIONS, UTILITIES AND MECHANICAL CHASES WITH APPLICABLE TRADES.
7. C#/P# - INDICATES POST/STEEL COLUMN PER POST/COL. SCHEDULE (SEE SCHEDULE).
8. ALL NAILING SHALL BE FASTENED IN ACCORDANCE WITH NAILING SCHEDULE.
9. △ - INDICATES SHEAR WALL PER SHEARWALL SCHEDULE (THIS SHEET).
10. ▨ 2x4/2X6 @ 16" OC W/ DOUBLE TOP PLATE BEARING WALL (UON).
11. ROTATE STEEL COLUMN TO ALIGN W/ STUDS.
12. REFER TO 1/S.308 FOR ADDITIONAL STAIR DETAILS.
13. ▨ EXTERIOR 2x6 @ 16" OC WALL W/ DOUBLE TOP PLATE.
14. < > INDICATES BEAM REACTION IN KIPS.

POST SCHEDULE	
DESIGNATION	SIZE
P1	6x6 P.T.
P2	5 1/4" x 5 1/4" PSL
P3	(4) 2x6
P4	6x6

STEEL COLUMN SCHEDULE		
DESIGNATION	SIZE	BASEPLATE SIZE (1)
C1	HSS 4x4x1/2	1"x10"x10"
C2	HSS 5x5x1/2	1-1/4"x11"x11"
C3	HSS 6x6x1/2	1-1/2"x12"x12"

NOTE:

1. SIZES FOR PIER/SPREAD FOOTING SUPPORTED COLUMNS REFER TO S.303 FOR POSTS ON EXTERIOR FOUNDATION WALLS.

WOOD HEADER SHEDULE			
SPAN CONDITION	HEADER SIZE	JACK STUDS	KING STUDS
UP TO 2'-6"	(3) 2x8	1	2
2'-6" UP TO 3'-0"	(3) 2x10	1	2
3'-0" UP TO 4'-6"	(3) 2x12	2	2
4'-6" UP TO 6'-6"	(3) 1 3/4" x 11 1/4" LVL	2	2
6'-6" UP TO 8'-6"	(3) 1 3/4" x 11 7/8" LVL	2	3
8'-6" UP TO 10'-0"	(3) 1 3/4" x 14" LVL	2	4

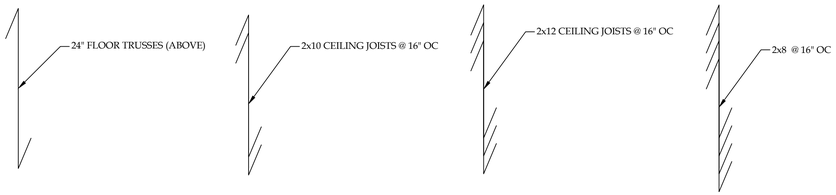
NOTES:

1. ABOVE KING STUD SCHEDULE IS FOR WHEN NO STRUCTURAL POST 'P' IS SHOWN ON PLANS.
2. USE PLYWOOD SHIMS BETWEEN HEADERS TO MATCH WALL WIDTH.
3. CONSULT STRUCTURAL ENGINEER IF HEADER SIZE IS NOT SHOWN ON PLANS AND THE SPAN IS LARGER THAN ABOVE.

SHEAR WALL TABLE							
PANEL DESIGNATION		SHEATHING MATERIAL (MIN.)		FASTENER		HOLDOWN @ END POST	
	STUD FRAMING (MIN)	SIDE 1	SIDE 2	SIZE	PATTERN (EDGE : FIELD)	1ST FLOOR	UPPER FLOORS
△ A	(2) 2X4 @ 16" OC	½" QR530	½" QR530	No. 8 DW SCREWS (2 ½")	6:12	HDU5 - SDS2.5	MSTC 52 (18GA)
△ B	2X6 @ 16" OC	½" QR530	-	No. 8 DW SCREWS (2 ½")	6:12	HDU2 - SDS2.5	MSTC 40 (18GA)
△ C	(2) 2X4 @ 24" OC	½" QR530	-	No. 8 DW SCREWS (2 ½")	6:12	-	MSTC 40 (18GA)
△ D	2X6 @ 16" OC	7/16" APA STRUCT I	-	10d COMMON	4:6	HDU5 - SDS2.5	-
△ E	(2) 1¾"x3½" LVL @ 16" OC	½" QR530	½" QR530	No. 8 DW SCREWS (2 ½")	6:12	HDU5 - SDS2.5	MSTC 52 (18GA)

NOTES:

1. NAILING AT INTERMEDIATE MEMBERS TO BE SPACED AT 12" O.C. (UON).
2. PROVIDE 2"x2"x 3/16" PLATE WASHERS AT SILL BOLTS.
3. ALL END POSTS SHALL BE A MINIMUM (3) 2x6 - UON.
4. PROVIDE (3) 2X6 STUDS (MIN) AT EACH HOLDOWN (UON).
5. ALL SHEAR WALL PANELS ARE "BLOCKED".
6. DEPENDING ON THE PANEL WIDTH AND END POST SIZE, SOME PANELS MAY NOT REQUIRE INTERMEDIATE STUDS.
7. FILL ALL NAIL HOLES (INCLUDING AT RIM BOARD) ON ALL MSTC STRAPS. FILL FIRST HALF ONLY AND COMPLETE THE BOTTOM HALF AFTER THE ROOF IS INSTALLED (IF POSSIBLE). STRAPS TO BE INSTALLED AT TOP & BOTTOM OF EACH END POST.
8. THESE ARE MINIMUM SHEAR WALL REQUIREMENTS - REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL WALL DETAILS.



TRUSS ENGINEERING APPROVAL NOTE:

ENGINEER OF RECORD AS DELEGATED PRE-ENGINEERED TRUSS SYSTEMS TO SPECIALTY ENGINEER FOR TRUSS DESIGN.

VERIFY CLEAR SPAN BETWEEN FINISHED WALL SURFACE PRIOR TO DESIGNING TRUSSES.

EOR WILL REVIEW TRUSS DESIGN DOCUMENTS SUBMITTED BY SPECIALTY ENGINEER TO CONFORM ADHERENCE TO STRUCTURAL DESIGN SPECIFICATIONS AND THAT TRUSS REACTION LOADS CAN BE SUPPORTED BY THE STRUCTURE.

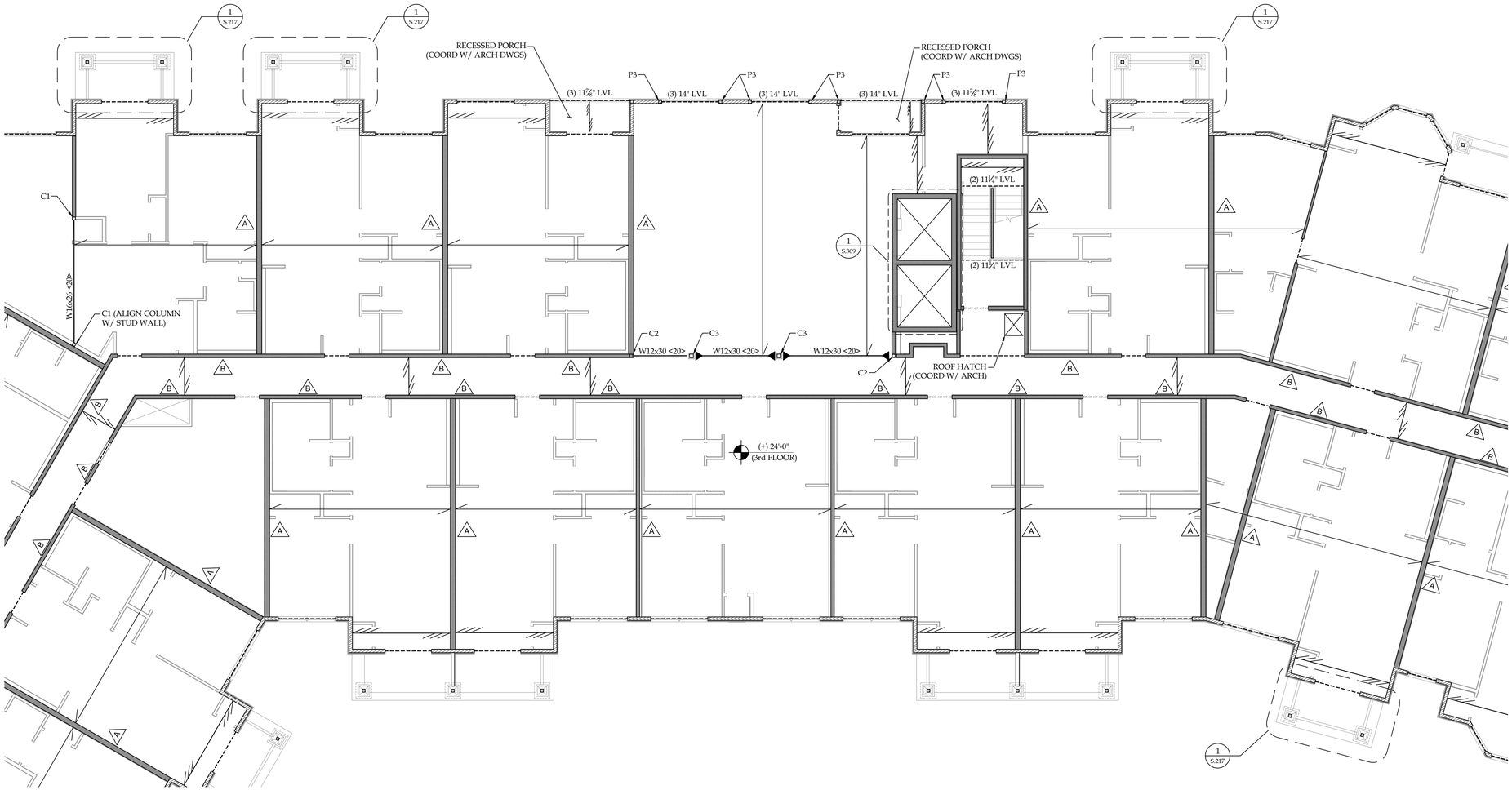
SPECIALITY ENGINEER WILL ISSUE TRUSS SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.

DEAD LOAD

TOP CHORD = 15 PSF
BOTTOM CHORD = 10 PSF

LIVE LOAD = 20 PSF (ROOF)

TOTAL ALLOWABLE LIVE LOAD DEFLECTION = L/360



1 PARTIAL THIRD FLOOR PLAN W/ ROOF FRAMING (ABOVE)

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

NOTES

PROJECT NORTH

No.	REVISION/SUBMISSION	DATE
	ISSUED FOR PERMIT	11/12/21

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PHONE 845-452-2268 FAX 845-452-3752

PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
PARTIAL 3RD FP W/ ROOF FRAMING (ABOVE)

SEAL

STATE OF NEW YORK · DANIEL T. CONNOLLY · NO. 076413 · LICENSED PROFESSIONAL ENGINEER

DRAWN BY	PROJECT NUMBER
CM	2103036
CHECKED BY	DATE
DC	11/12/21

DRAWING NUMBER
S.210

FILE

NOTES:

1. TOP OF SUBFLOOR DECK ELEVATION = (+) 24'-0", UNO.
   x.xx' - INDICATES FLOOR DECK ELEVATION.
2. ⟷ - INDICATES SPAN DIRECTION OF FLOOR/ROOF TRUSSES.
3. FLOOR DECKING SHALL BE GLUED AND NAILED @ 6" OC.
4. BLOCK B/W JOISTS WHERE BEARING WALL ABOVE RUNS PERPENDICULAR TO JOIST SPAN.
5. COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
6. COORDINATE ALL WALL PENETRATIONS, UTILITIES AND MECHANICAL CHASES WITH APPLICABLE TRADES.
7. C#/P# - INDICATES POST/STEEL COLUMN PER POST/COL. SCHEDULE (SEE SCHEDULE).
8. ALL NAILING SHALL BE FASTENED IN ACCORDANCE WITH NAILING SCHEDULE.
9. △ - INDICATES SHEAR WALL PER SHEARWALL SCHEDULE (THIS SHEET).
10. ▨ 2x4/2X6 @ 16" OC W/ DOUBLE TOP PLATE BEARING WALL (UON).
11. ROTATE STEEL COLUMN TO ALIGN W/ STUDS.
12. REFER TO 1/S.308 FOR ADDITIONAL STAIR DETAILS.
13. ▨ EXTERIOR 2x6 @ 16" OC WALL W/ DOUBLE TOP PLATE.
14. < > INDICATES BEAM REACTION IN KIPS.

TRUSS ENGINEERING APPROVAL NOTE:

ENGINEER OF RECORD AS DELEGATED PRE-ENGINEERED TRUSS SYSTEMS TO SPECIALTY ENGINEER FOR TRUSS DESIGN.

VERIFY CLEAR SPAN BETWEEN FINISHED WALL SURFACE PRIOR TO DESIGNING TRUSSES.

EOR WILL REVIEW TRUSS DESIGN DOCUMENTS SUBMITTED BY SPECIALTY ENGINEER TO CONFORM ADHERENCE TO STRUCTURAL DESIGN SPECIFICATIONS AND THAT TRUSS REACTION LOADS CAN BE SUPPORTED BY THE STRUCTURE.

SPECIALITY ENGINEER WILL ISSUE TRUSS SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.

DEAD LOAD

TOP CHORD = 15 PSF
BOTTOM CHORD = 10 PSF

LIVE LOAD = 20 PSF (ROOF)

TOTAL ALLOWABLE LIVE LOAD DEFLECTION = L/360

POST SCHEDULE	
DESIGNATION	SIZE
P1	6x6 P.T.
P2	5 1/4" x 5 1/4" PSL
P3	(4) 2x6
P4	6x6

STEEL COLUMN SCHEDULE		
DESIGNATION	SIZE	BASEPLATE SIZE (1)
C1	HSS 4x4x1/2	1"x10"x10"
C2	HSS 5x5x1/2	1-1/4"x11"x11"
C3	HSS 6x6x1/2	1-1/2"x12"x12"

NOTE:

1. SIZES FOR PIER/SPREAD FOOTING SUPPORTED COLUMNS REFER TO S.303 FOR POSTS ON EXTERIOR FOUNDATION WALLS.

WOOD HEADER SHEDULE			
SPAN CONDITION	HEADER SIZE	JACK STUDS	KING STUDS
UP TO 2'-6"	(3) 2x8	1	2
2'-6" UP TO 3'-0"	(3) 2x10	1	2
3'-0" UP TO 4'-6"	(3) 2x12	2	2
4'-6" UP TO 6'-6"	(3) 1 3/4" x 11 1/4" LVL	2	2
6'-6" UP TO 8'-6"	(3) 1 3/4" x 11 7/8" LVL	2	3
8'-6" UP TO 10'-0"	(3) 1 3/4" x 14" LVL	2	4

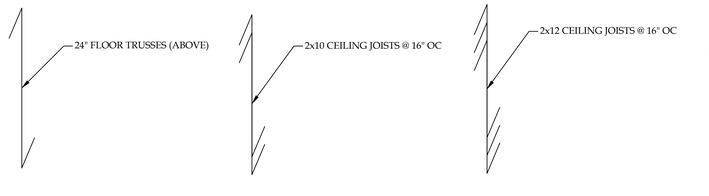
NOTES:

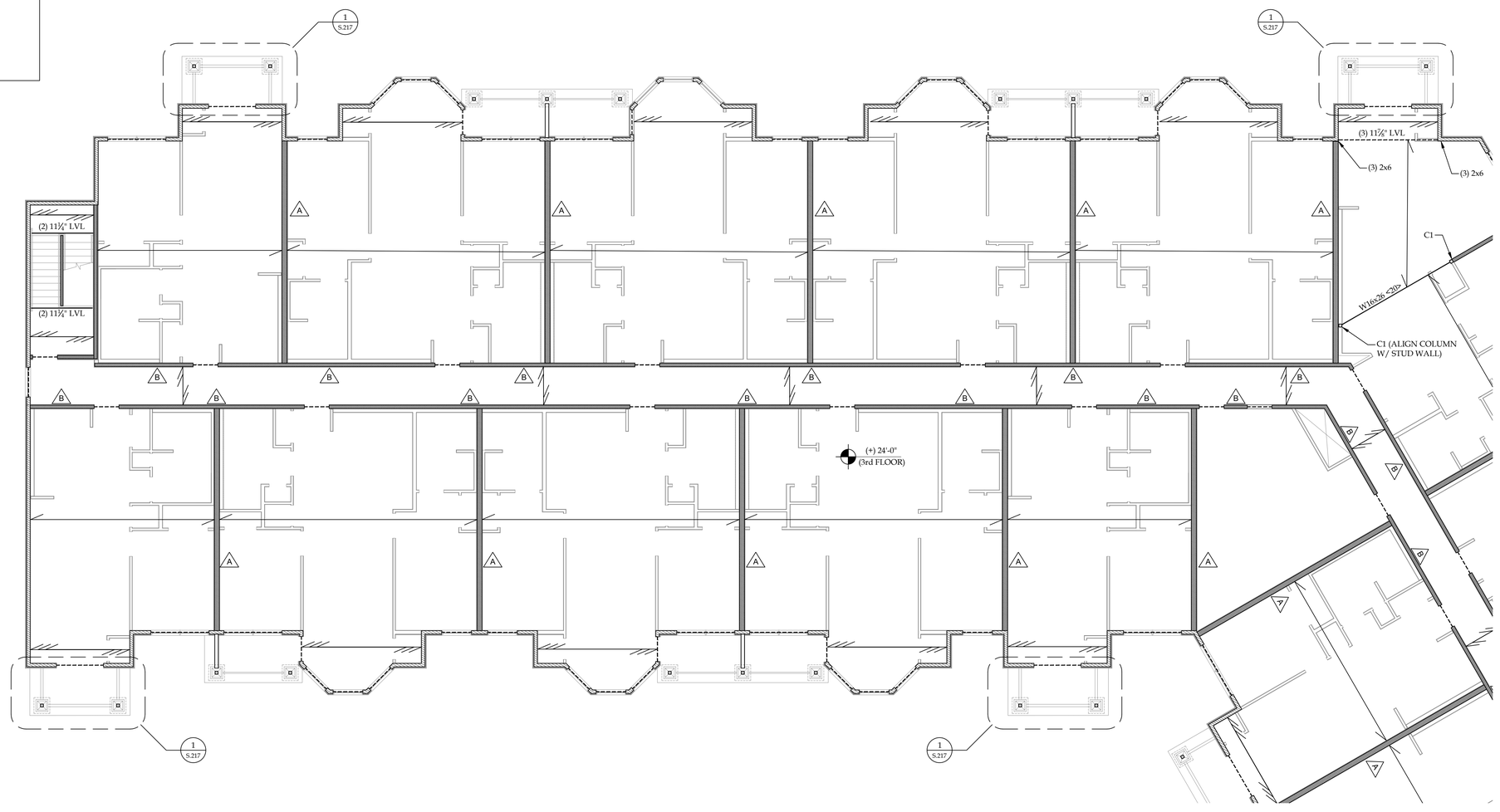
1. ABOVE KING STUD SCHEDULE IS FOR WHEN NO STRUCTURAL POST 'P' IS SHOWN ON PLANS.
2. USE PLYWOOD SHIMS BETWEEN HEADERS TO MATCH WALL WIDTH.
3. CONSULT STRUCTURAL ENGINEER IF HEADER SIZE IS NOT SHOWN ON PLANS AND THE SPAN IS LARGER THAN ABOVE.

SHEAR WALL TABLE							
PANEL DESIGNATION		SHEATHING MATERIAL (MIN.)		FASTENER		HOLDOWN @ END POST	
	STUD FRAMING (MIN)	SIDE 1	SIDE 2	SIZE	PATTERN (EDGE : FIELD)	1ST FLOOR	UPPER FLOORS
A	(2) 2X4 @ 16" OC	½" QR530	½" QR530	No. 8 DW SCREWS (2 ½")	6:12	HDU5 - SDS2.5	MSTC 52 (18GA)
B	2X6 @ 16" OC	½" QR530	-	No. 8 DW SCREWS (2 ½")	6:12	HDU2 - SDS2.5	MSTC 40 (18GA)
C	(2) 2X4 @ 24" OC	½" QR530	-	No. 8 DW SCREWS (2 ½")	6:12	-	MSTC 40 (18GA)
D	2X6 @ 16" OC	7/16" APA STRUCT I	-	10d COMMON	4:6	HDU5 - SDS2.5	-
E	(2) 1¾"x3½" LVL @ 16" OC	½" QR530	½" QR530	No. 8 DW SCREWS (2 ½")	6:12	HDU5 - SDS2.5	MSTC 52 (18GA)

NOTES:

1. NAILING AT INTERMEDIATE MEMBERS TO BE SPACED AT 12" O.C. (UON).
2. PROVIDE 2"x2"x 3/16" PLATE WASHERS AT SILL BOLTS.
3. ALL END POSTS SHALL BE A MINIMUM (3) 2x6 - UON.
4. PROVIDE (3) 2X6 STUDS (MIN) AT EACH HOLDOWN (UON).
5. ALL SHEAR WALL PANELS ARE "BLOCKED".
6. DEPENDING ON THE PANEL WIDTH AND END POST SIZE, SOME PANELS MAY NOT REQUIRE INTERMEDIATE STUDS.
7. FILL ALL NAIL HOLES (INCLUDING AT RIM BOARD) ON ALL MSTC STRAPS. FILL FIRST HALF ONLY AND COMPLETE THE BOTTOM HALF AFTER THE ROOF IS INSTALLED (IF POSSIBLE). STRAPS TO BE INSTALLED AT TOP & BOTTOM OF EACH END POST.
8. THESE ARE MINIMUM SHEAR WALL REQUIREMENTS - REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL WALL DETAILS.





1 PARTIAL THIRD FLOOR PLAN W/ ROOF FRAMING (ABOVE)

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

NOTES

PROJECT NORTH

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
PARTIAL 3RD FP W/ ROOF FRAMING (ABOVE)

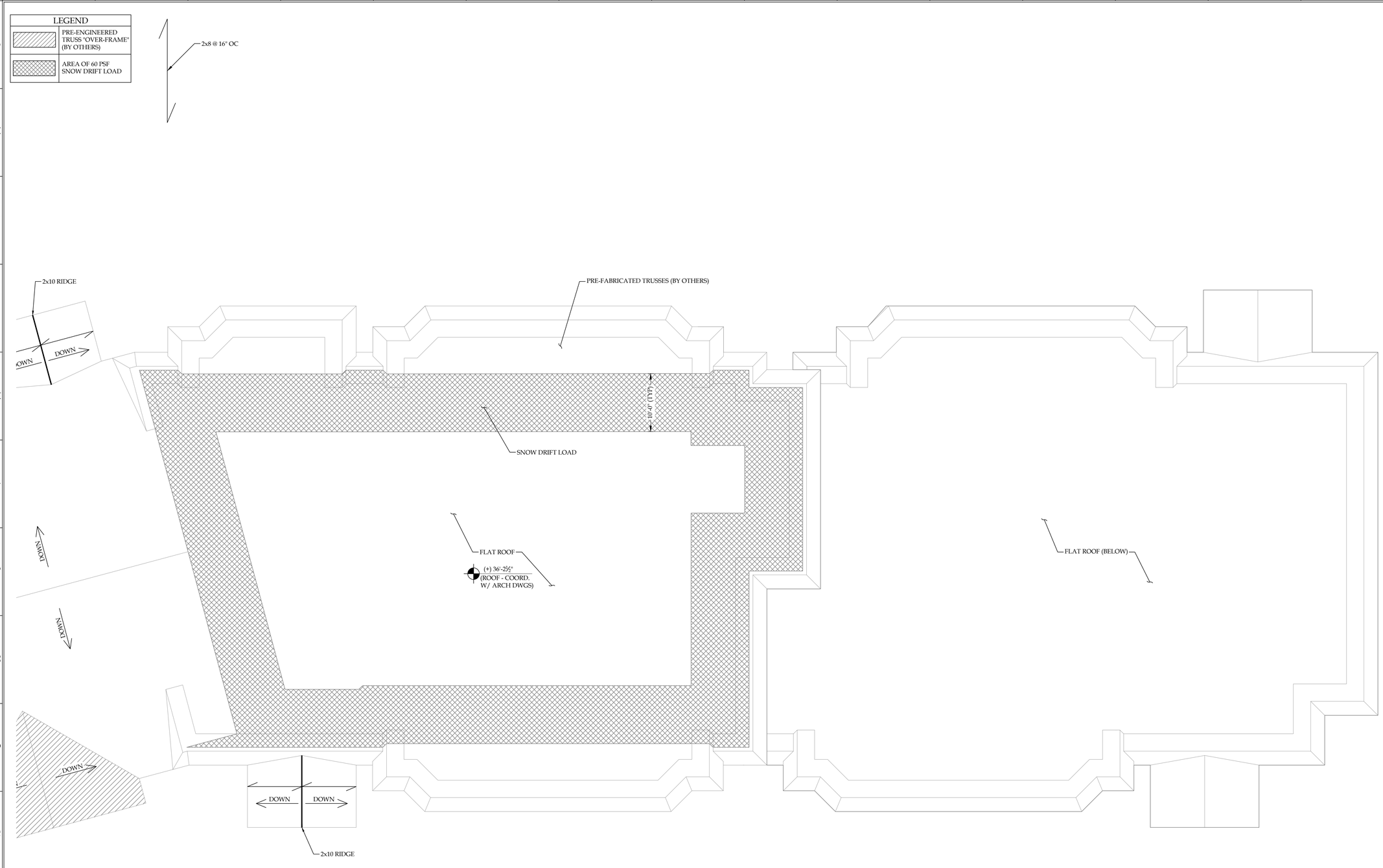
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CM	2103036
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S.211

FILE



1 PARTIAL ROOF PLAN

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

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
PARTIAL ROOF PLAN

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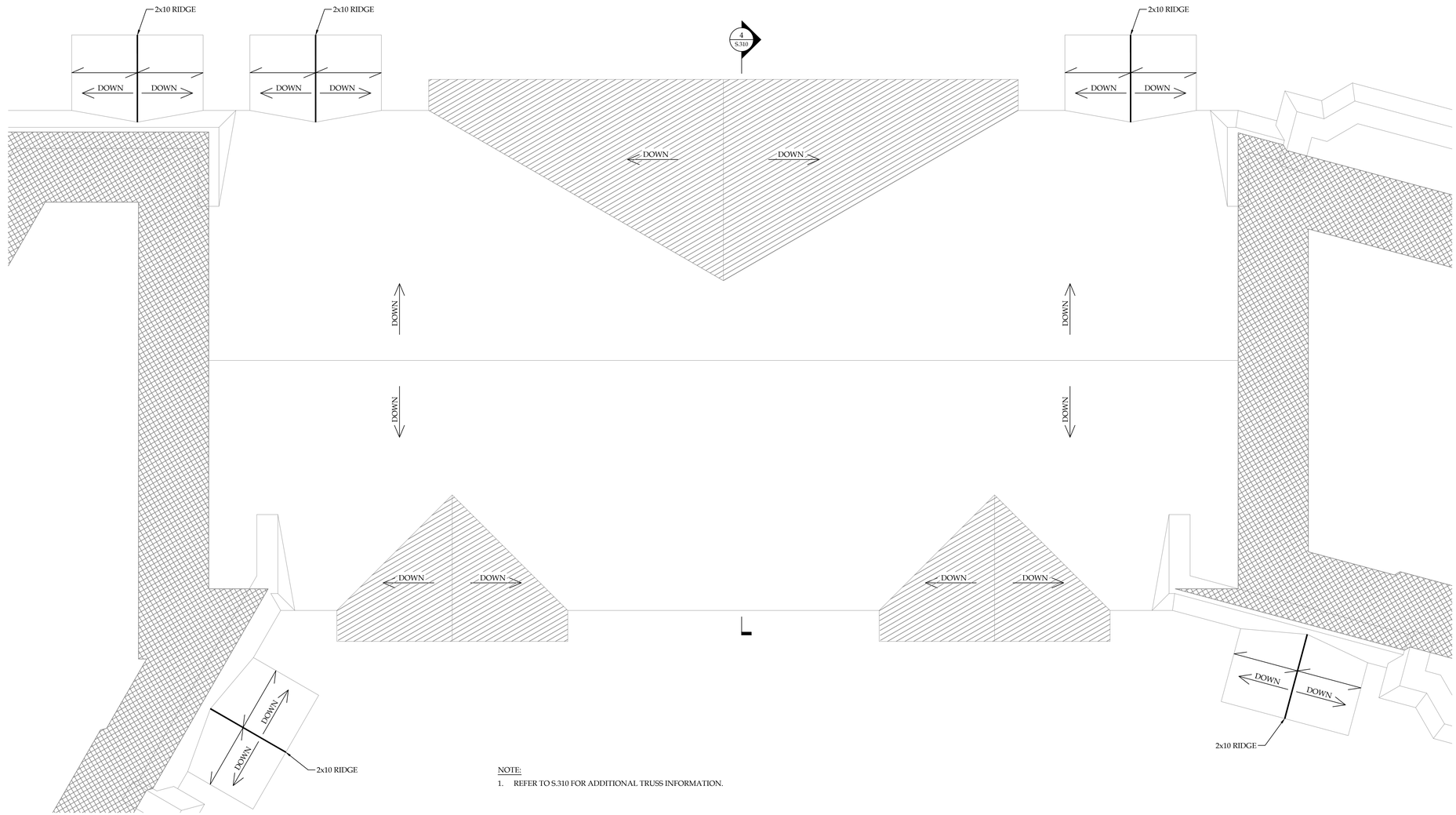
DRAWN BY	PROJECT NUMBER
CM	2103036
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DC	11/12/21

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S.212

FILE

LEGEND	
	PRE-ENGINEERED TRUSS "OVER-FRAME" (BY OTHERS)
	AREA OF 60 PSF SNOW DRIFT LOAD

2x8 @ 16" OC



NOTE:

1. REFER TO S.310 FOR ADDITIONAL TRUSS INFORMATION.

1 PARTIAL ROOF PLAN

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

NOTES

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PROJECT
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DRAWING
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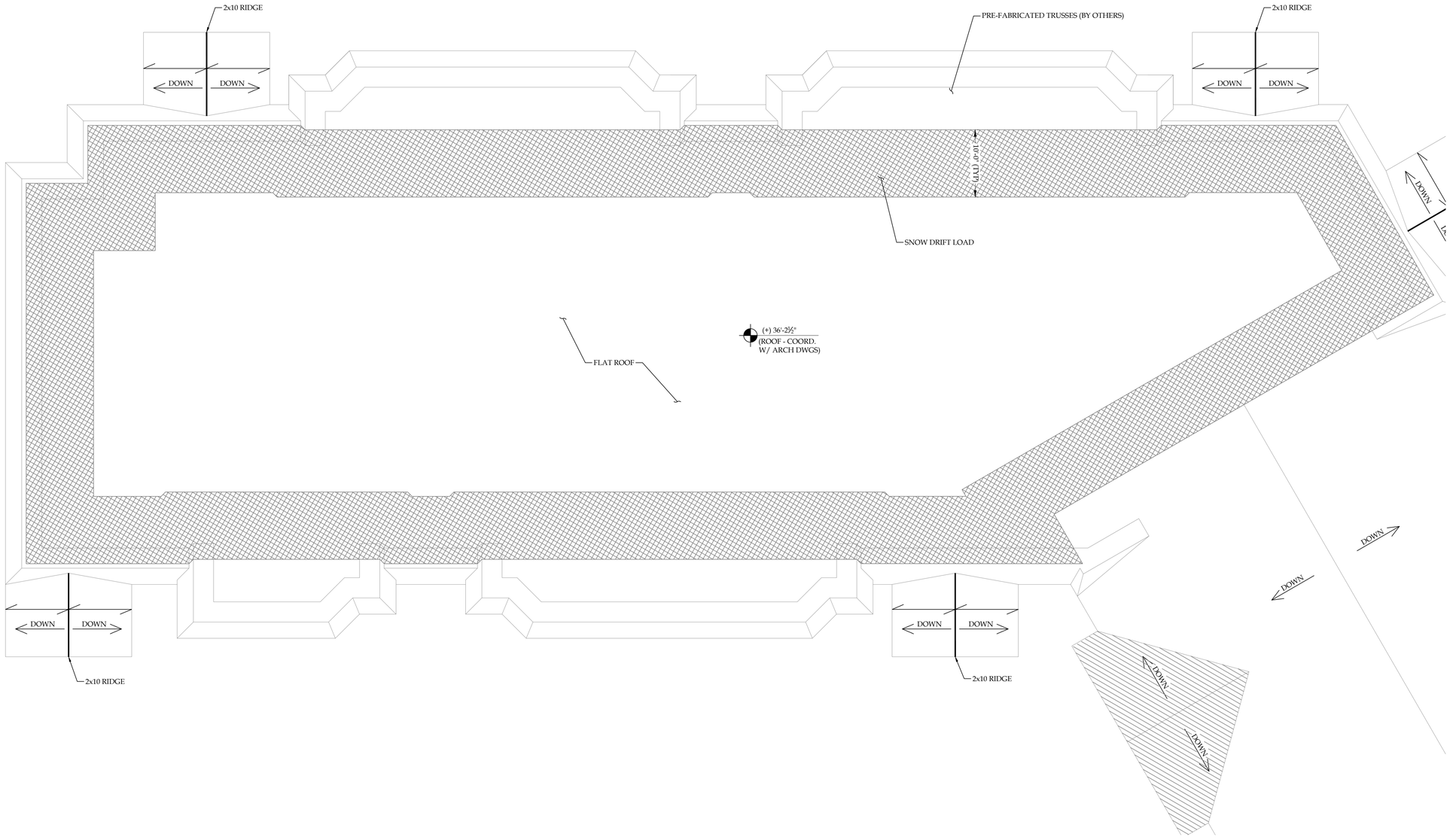
DRAWING NUMBER
S.213

FILE

LEGEND

	PRE-ENGINEERED TRUSS "OVER-FRAME" (BY OTHERS)
	AREA OF 60 PSF SNOW DRIFT LOAD

2x8 @ 16" OC



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

NOTES

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

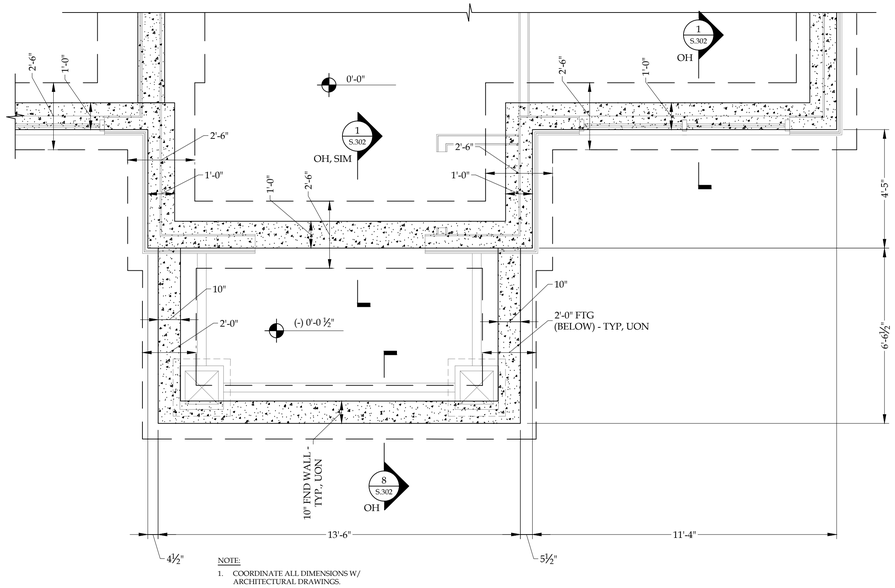
DRAWING
PARTIAL ROOF PLAN

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S.214

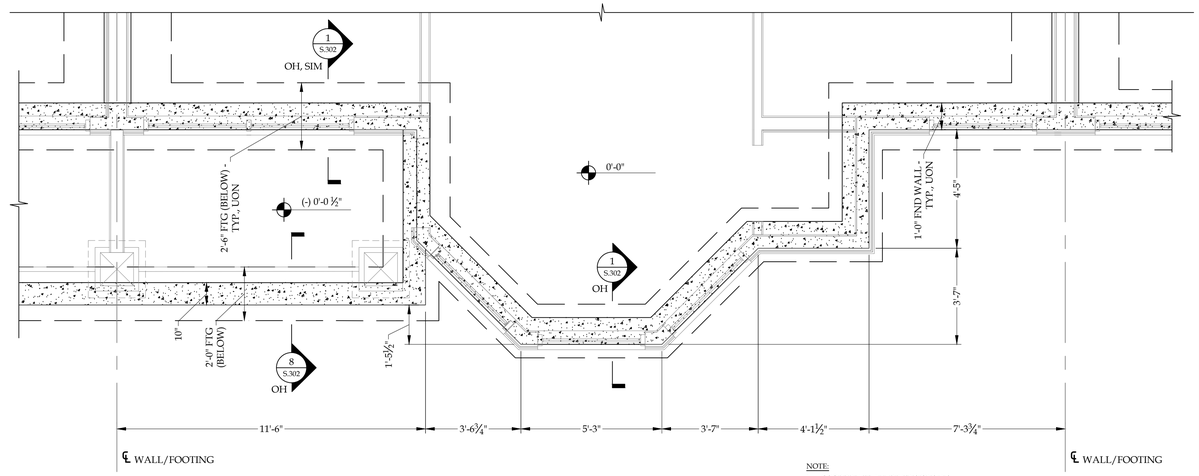
FILE



NOTE:
1. COORDINATE ALL DIMENSIONS W/ ARCHITECTURAL DRAWINGS.

1 TYPICAL FOUNDATION @ UNIT TYPE 'A'

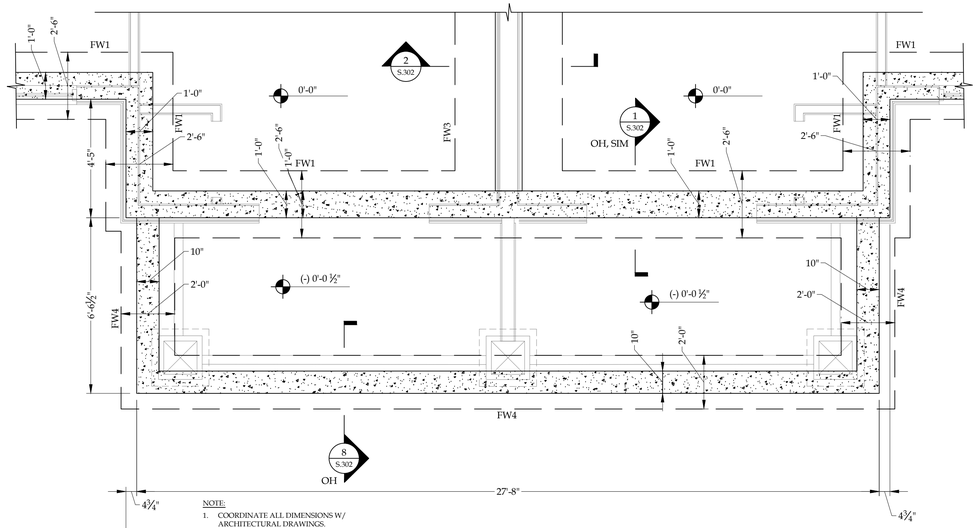
SCALE: 3/8" = 1' - 0"



NOTE:
1. COORDINATE ALL DIMENSIONS W/ ARCHITECTURAL DRAWINGS.

2 TYPICAL FOUNDATION @ UNIT TYPE 'B'

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



NOTE:
1. COORDINATE ALL DIMENSIONS W/ ARCHITECTURAL DRAWINGS.

3 TYPICAL FOUNDATION @ UNIT TYPE 'A'

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

NOTES

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
TYPICAL FOUNDATION @ UNITS

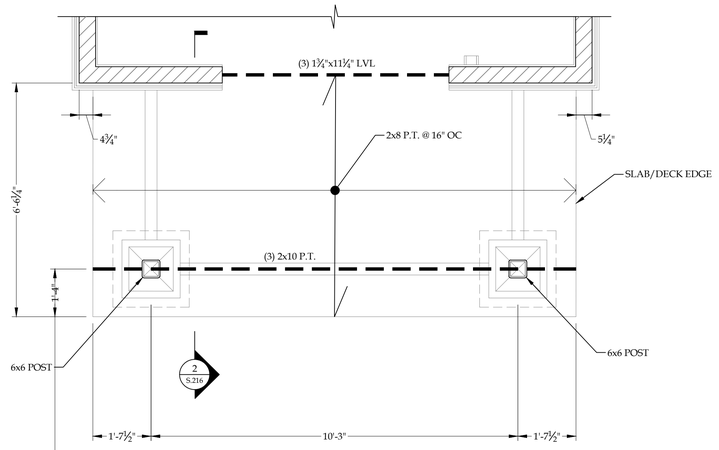
SEAL

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S.215

FILE

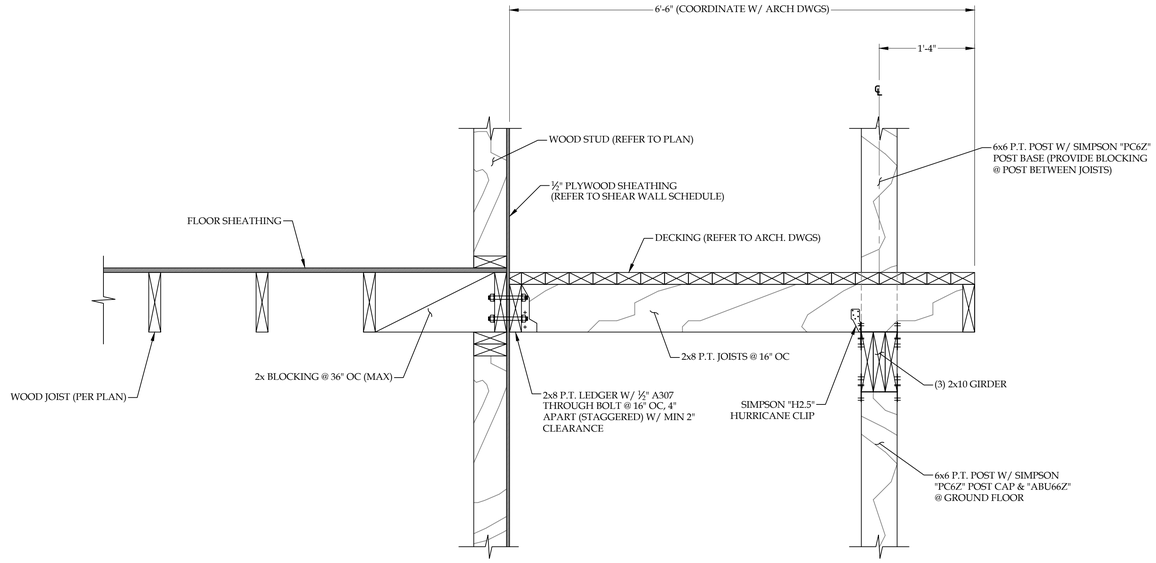


NOTE:

1. COORDINATE ALL DIMENSIONS W/ ARCHITECTURAL DRAWINGS.

1 TYPICAL DECK FRAMING @ UNIT TYPE 'A'

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



NOTES:

1. COORDINATE ALL DIMENSIONS W/ ARCHITECTURAL DRAWINGS.
2. INSTALL THROUGH BOLTS W/ WASHERS.
3. THE MAX GAP BETWEEN THE LEDGER BOARD AND WALL SHEATHING SHALL BE ½".
4. LEDGER SHALL BE FLASHED/CAULKED TO PREVENT WATER INTRUSION.

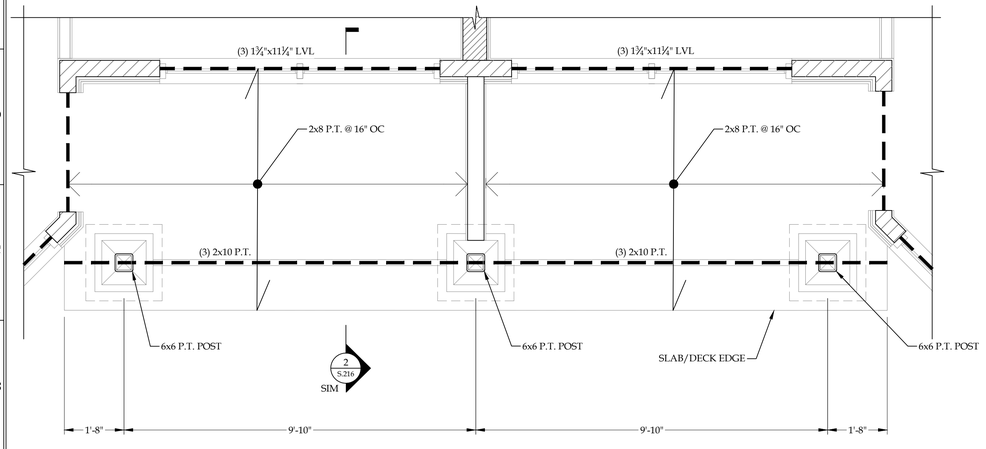
2 SECTION

SCALE: 1" = 1' - 0"

NOTES

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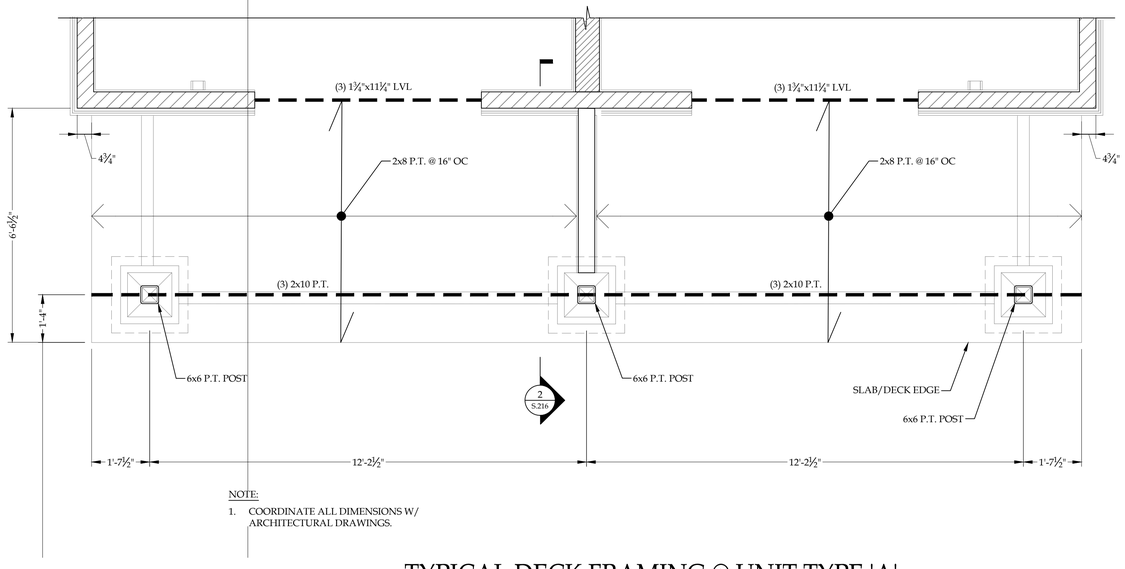


NOTE:

1. COORDINATE ALL DIMENSIONS W/ ARCHITECTURAL DRAWINGS.

3 TYPICAL DECK FRAMING @ UNIT TYPE 'B'

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



NOTE:

1. COORDINATE ALL DIMENSIONS W/ ARCHITECTURAL DRAWINGS.

4 TYPICAL DECK FRAMING @ UNIT TYPE 'A'

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

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

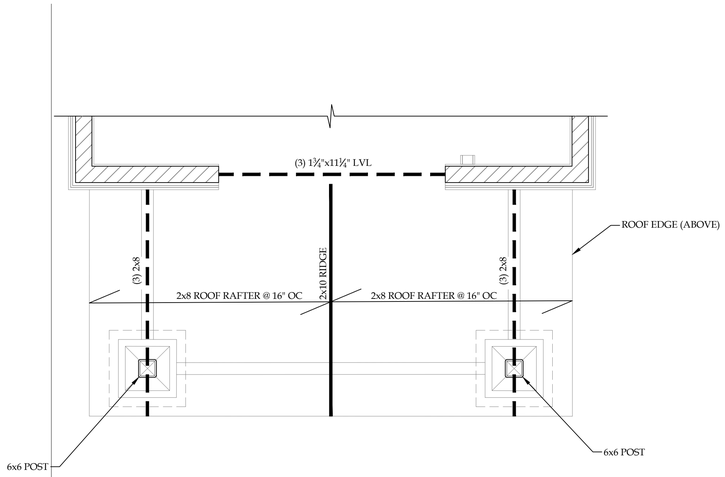
DRAWING
TYPICAL DECK FRAMING @ UNITS

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DRAWING NUMBER
S.216

FILE



NOTE:

1. COORDINATE ALL DIMENSIONS W/ ARCHITECTURAL DRAWINGS.
2. PROVIDE SIMPSON "H1" AND L50" CONNECTORS AT EACH RAFTER.

1 TYPICAL DECK ROOF FRAMING @ UNIT TYPE 'A'

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

NOTES

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PROJECT
HOPEWELL SENIOR LIVING
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EAST FISHKILL, N.Y.

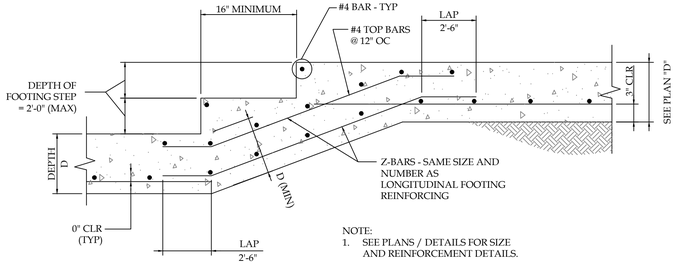
DRAWING
TYPICAL DECK FRAMING @ UNITS

SEAL
STATE OF NEW YORK DANIEL T. CONNOLLY NO. 076413 LICENSED PROFESSIONAL ENGINEER

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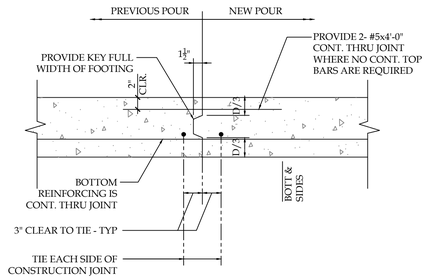
FILE



NOTE:
1. SEE PLANS / DETAILS FOR SIZE AND REINFORCEMENT DETAILS.

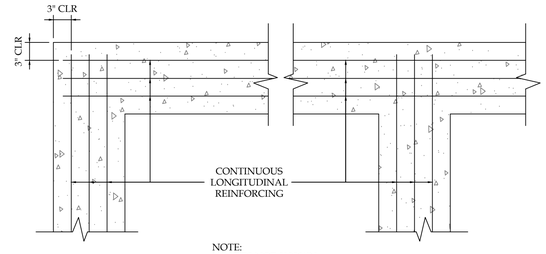
1 TYPICAL STEPPED FOOTING

SCALE: 1" = 1' - 0"



2 FOOTING CONSTRUCTION JOINT

SCALE: 1" = 1' - 0"

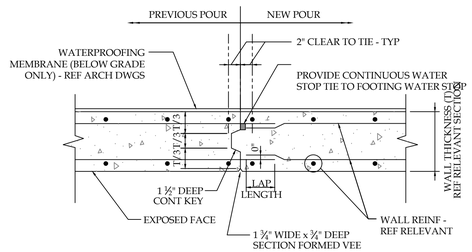


NOTE:
1. TIES NOT SHOWN FOR CLARITY

CORNER INTERSECTION

3 FOOTING REINFORCEMENT @ CORNERS AND INTERSECTIONS

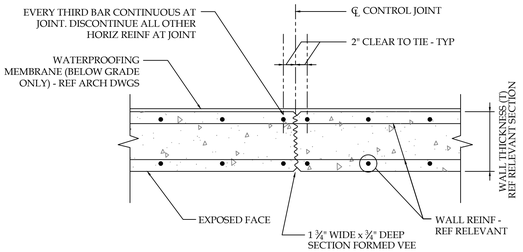
SCALE: 1" = 1' - 0"



PROVIDE CONSTRUCTION JOINTS AT 30' ON-CENTER MAXIMUM, NEAR MID SPAN BETWEEN COLUMN LINES

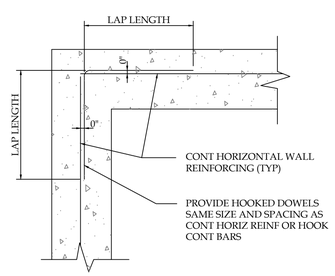
4 TYPICAL CONCRETE WALL VERTICAL CONSTRUCTION JOINT

SCALE: 1" = 1' - 0"

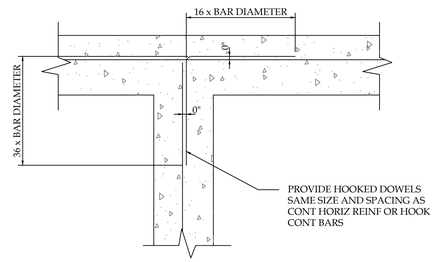


5 TYPICAL CONCRETE WALL VERTICAL CRACK CONTROL JOINT

SCALE: 1" = 1' - 0"



CORNER

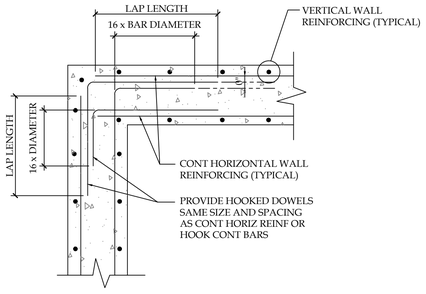


INTERSECTION

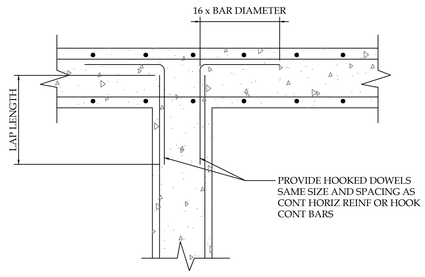
6 CORNERS AND INTERSECTIONS OF CONCRETE WALLS

SINGLE LAYER OF REINFORCING

SCALE: 1" = 1' - 0"



CORNER

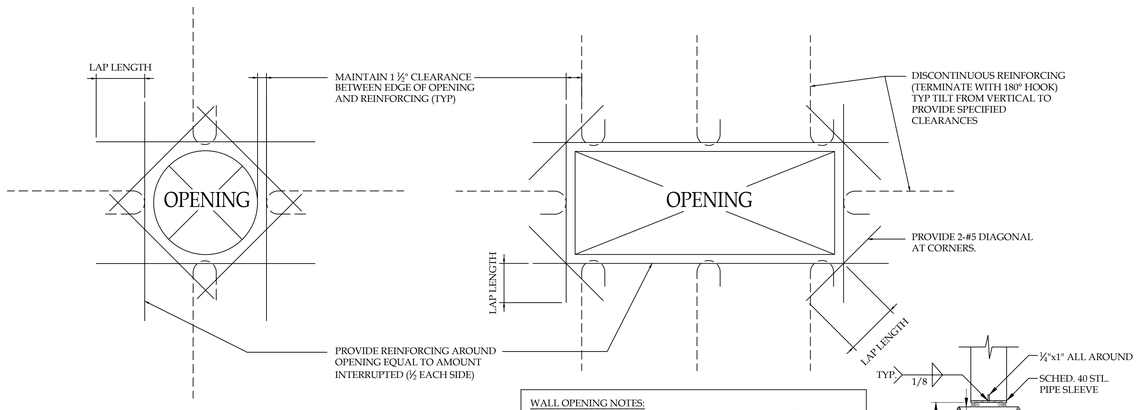


INTERSECTION

7 CORNERS AND INTERSECTIONS OF CONCRETE WALLS

DOUBLE LAYER OF REINFORCING

SCALE: 1" = 1' - 0"



WALL OPENING NOTES:
ALL OPENINGS IN CONCRETE WALLS REQUIRE ADDITIONAL REINFORCING EXCEPT WHERE OPENING SIZE OR LOCATION IS SUCH THAT REINFORCING STEEL IS NOT INTERRUPTED. CONDUITS, SMALL PIPES AND OTHER SMALL SLEEVES THAT DO NOT REQUIRE PRECISE LOCATION SHALL BE SHIFTED SLIGHTLY TO CLEAR REINFORCING. WHERE SLEEVES ARE LARGER THAN THE SPACING BETWEEN THE BARS AND ARE SUCH THAT THE REINFORCING CANNOT BE SHIFTED TO CLEAR, THEN THIS DETAIL SHALL APPLY.

NOTE:
SEAL BOTH ENDS AT WALLS, SEAL TOP ONLY AT FLOORS.

8 TYPICAL WALL OPENING DETAIL

SCALE: 1" = 1' - 0"

NOTES

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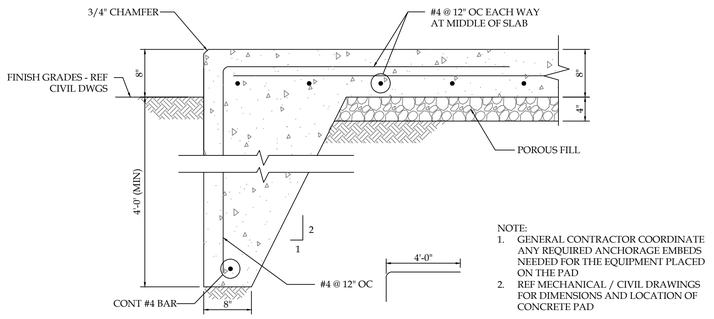
DRAWING
STRUCTURAL DETAILS

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STATE OF NEW YORK DANIEL T. CONNOLLY NO. 076413 LICENSED PROFESSIONAL ENGINEER

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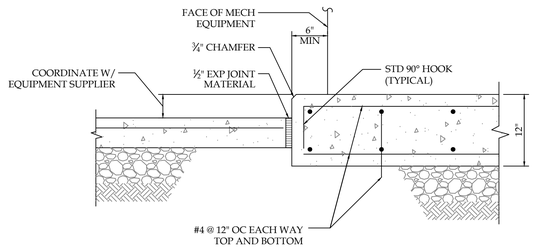
FILE



NOTE:
1. GENERAL CONTRACTOR COORDINATE ANY REQUIRED ANCHORAGE EMBEDS NEEDED FOR THE EQUIPMENT PLACED ON THE PAD
2. REF MECHANICAL / CIVIL DRAWINGS FOR DIMENSIONS AND LOCATION OF CONCRETE PAD

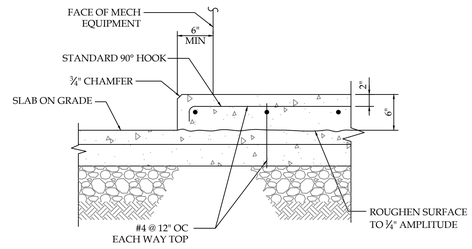
1 TYPICAL EXTERIOR EQUIPMENT PAD DETAIL

SCALE: 1" = 1' - 0"



2 TYPICAL INTERIOR EQUIPMENT PAD DETAIL

SCALE: 1" = 1' - 0"



3 TYPICAL HOUSE KEEPING PAD DETAIL

SCALE: 1" = 1' - 0"

NOTES

PROJECT NORTH

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	ISSUED FOR PERMIT	11/12/21

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
STRUCTURAL DETAILS

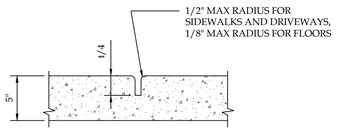
SEAL

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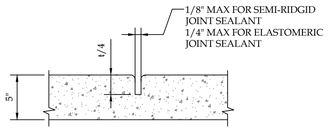
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CM	2103036
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DC	11/12/21

DRAWING NUMBER
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FILE



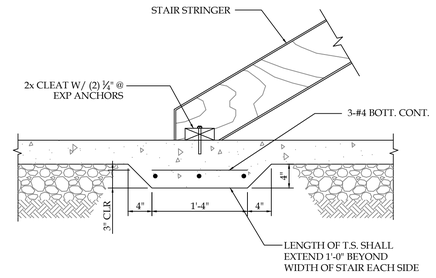
HAND TOOLED CONTRACTION JOINTPLAN



SAWED JOINT TO BE FILLED WITH
FIELD MALDED SEALANT OR FILLERS

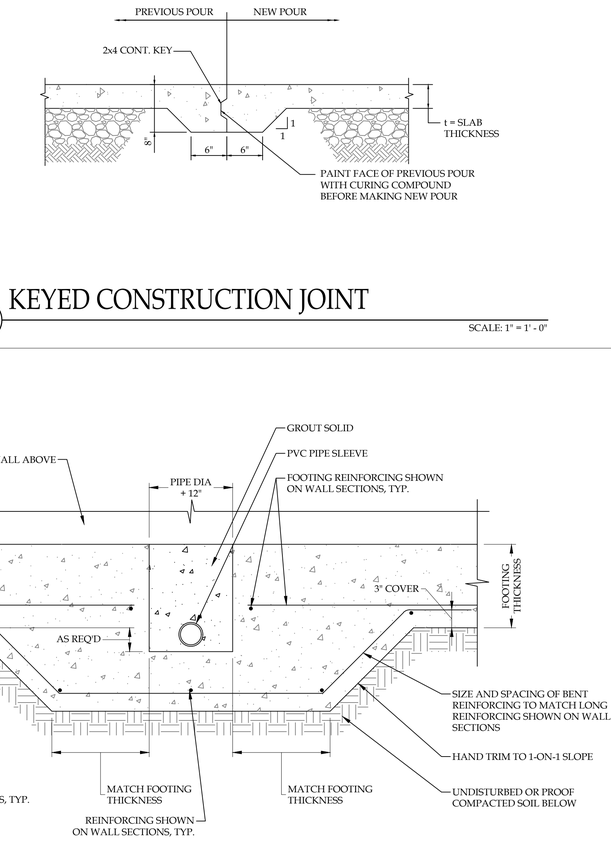
4 CONTROL JOINTS

SCALE: N.T.S.



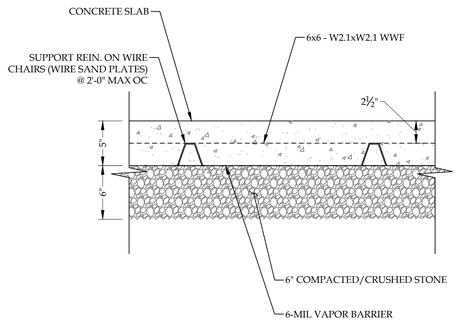
5 THICKENED SLAB AT STAIR LANDING DETAIL

SCALE: 1" = 1' - 0"



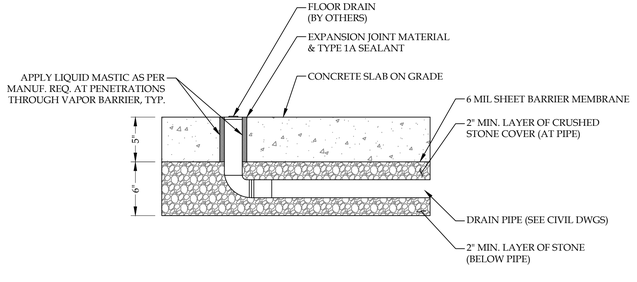
6 KEYED CONSTRUCTION JOINT

SCALE: 1" = 1' - 0"



7 TYPICAL SLAB ON GRADE

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

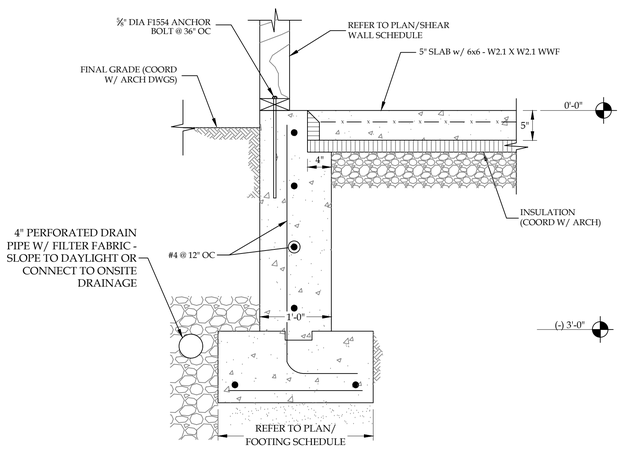


8 SLAB ON GRADE FLOOR DRAIN

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

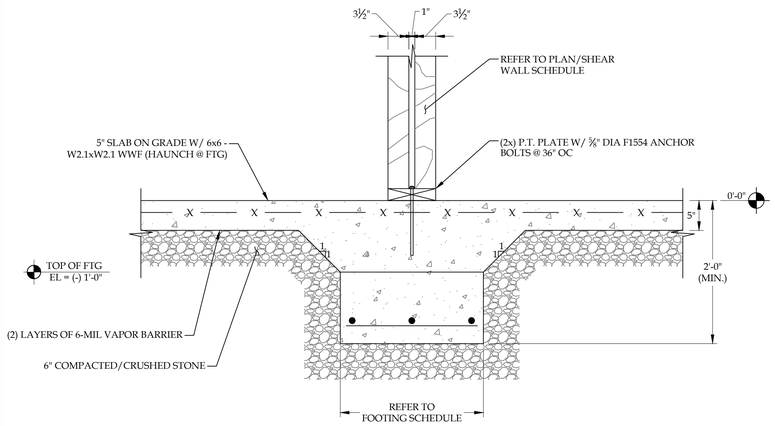
9 FOOTING PENETRATION DETAIL

SCALE: 1" = 1' - 0"



1 TYP. EXT. WALL FOOTING

SCALE: 1" = 1'-0"

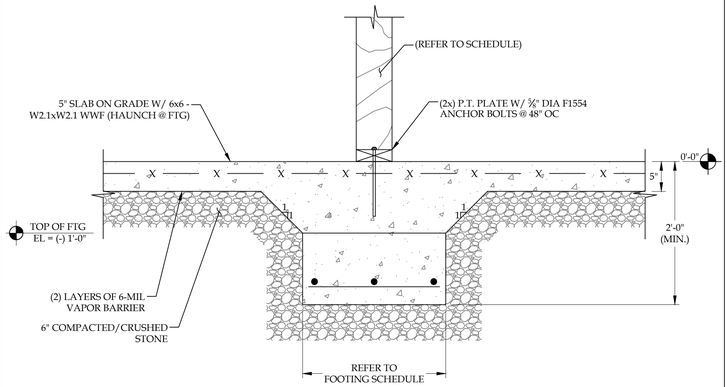


NOTE:

1. REFER TO ARCH. DRAWINGS FOR INSULATION AND SHEETROCK DETAILS.
2. REFER TO SHEAR WALL SCHEDULE FOR ADDITIONAL DETAILS.

2 TYP. FOUNDATION @ INT. PARTY WALL

SCALE: 1" = 1'-0"



NOTE:

1. REFER TO ARCH. DRAWINGS FOR INSULATION AND SHEETROCK DETAILS.

3 TYP. FOUNDATION @ BEARING WALL

SCALE: 1" = 1'-0"

NOTES

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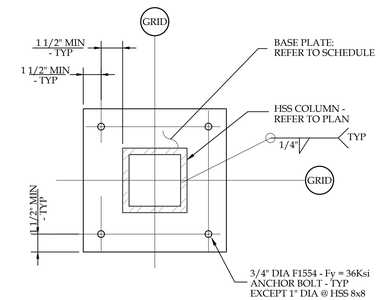
DRAWING
STRUCTURAL DETAILS

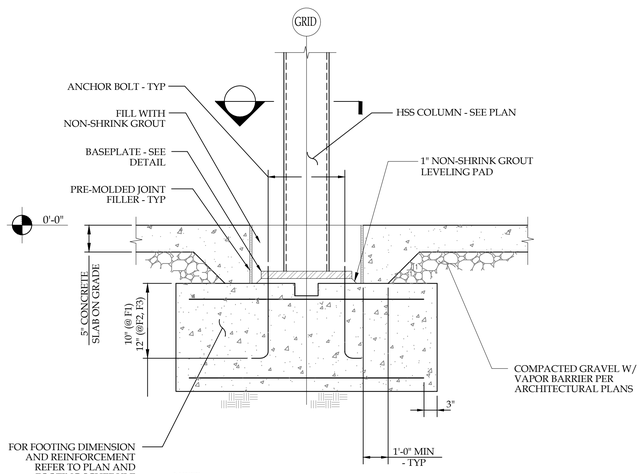
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CM	2103036
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DC	11/12/21

DRAWING NUMBER
S.302

FILE



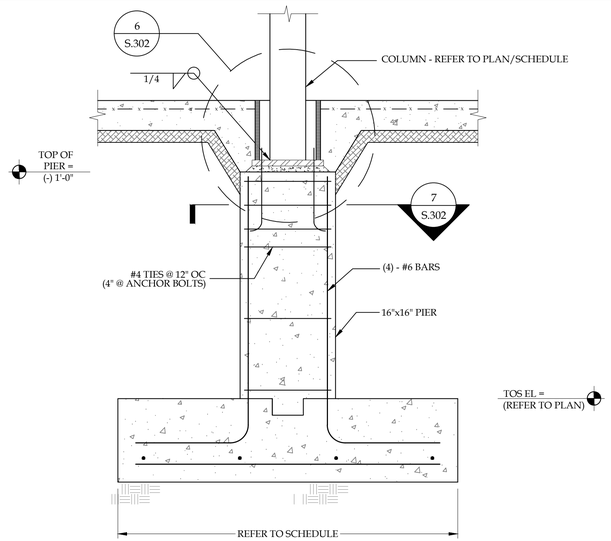


NOTE:

1. REFER TO FOOTING SCHEDULE FOR DIMENSIONS AND REINFORCEMENT INFORMATION.
2. SEE PLANS FOR LOCATIONS OF FOOTINGS.
3. REFER TO PLAN FOR COLUMN SIZE.

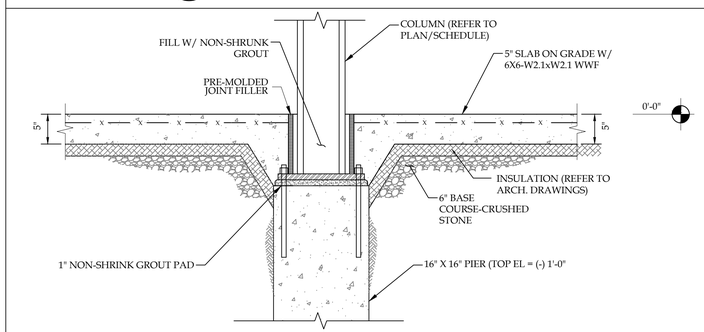
4 TYPICAL INTERIOR STEEL COLUMN FOOTING

SCALE: NTS



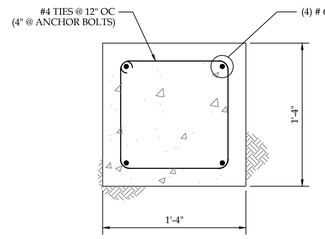
5 PIER REINFORCEMENT

SCALE: 1" = 1'-0"



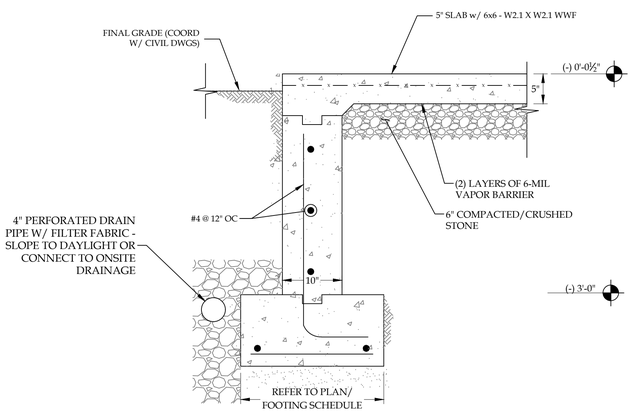
6 PIER DETAIL

SCALE: 1" = 1'-0"



7 TYPICAL PIER REINFORCEMENT

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

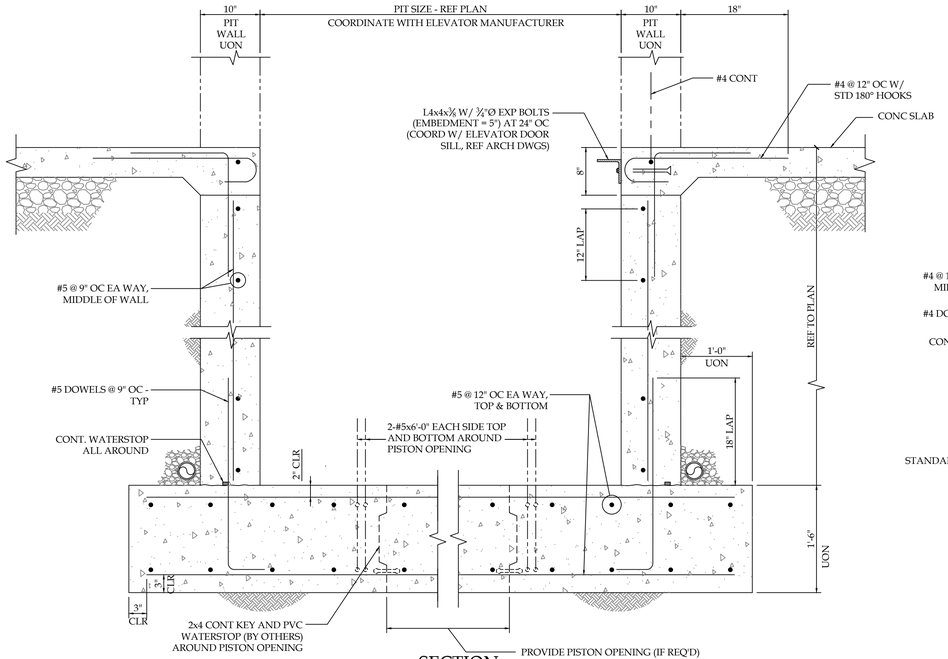


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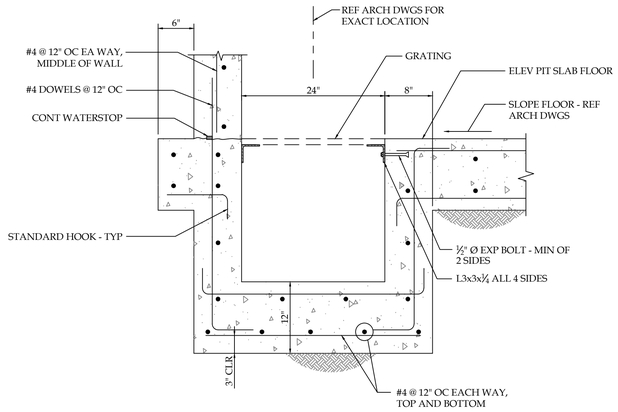
1. REFER TO ARCH. DRAWINGS FOR INSULATION AND SHEETROCK DETAILS.

8 TYP. EXT. WALL FOOTING @ PATIO

SCALE: 1" = 1'-0"



SECTION



SUMP PIT

1 TYPICAL ELEVATOR PIT DETAILS

SCALE: 1" = 1' - 0"

NOTES

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PROJECT
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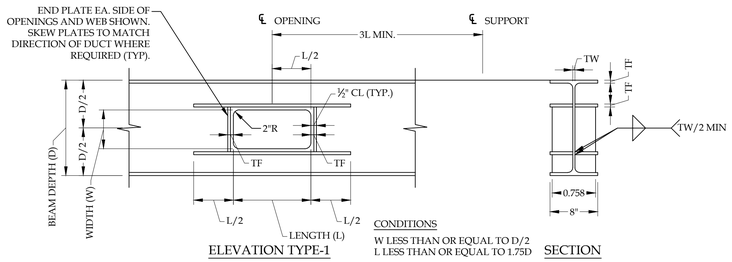
DRAWING
STRUCTURAL DETAILS

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CM	2103036
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DRAWING NUMBER
S.303

FILE



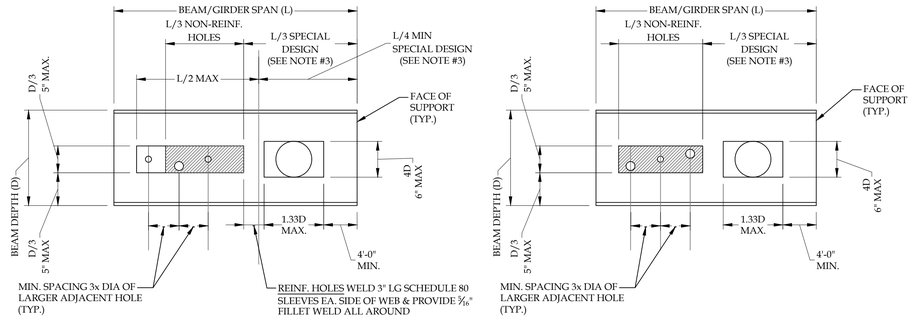
ELEVATION TYPE-1

SECTION

CONDITIONS

W LESS THAN OR EQUAL TO D/2

L LESS THAN OR EQUAL TO 1.75D



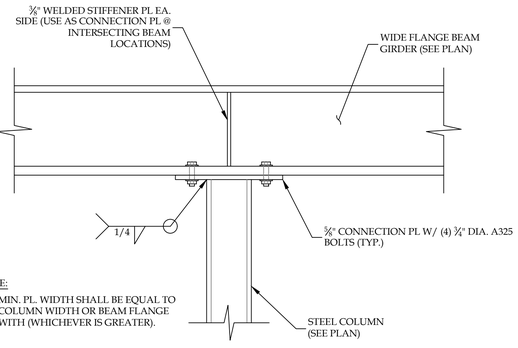
TYP. STEEL BEAM PENETRATIONS

NOTES:

1. MAX. ALLOWABLE ROUND FINISHED HOLE SIZE - 3" DIA.
2. FINISH LAST ⅛" OF HOLE BY REAMING OR GRINDING.
3. OPENING REQUIRES SUBMITTAL OF PROPOSED LOCATIONS FOR SPECIAL REINF. SIMILAR TO TYPE-1 TYPICAL BEAM/GIRDER OPENING DETAIL (THIS SHEET) LIMITS SHOWN ARE FOR GUIDANCE ONLY.

1 TYP. WEB PEN. DETAIL

SCALE: 1" = 1' - 0"

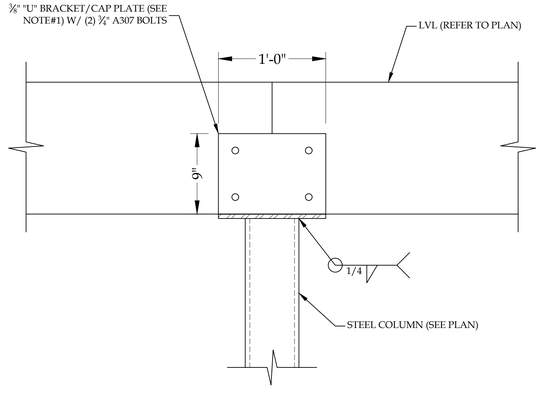


NOTE:

1. MIN. PL. WIDTH SHALL BE EQUAL TO COLUMN WIDTH OR BEAM FLANGE WITH (WHICHEVER IS GREATER).

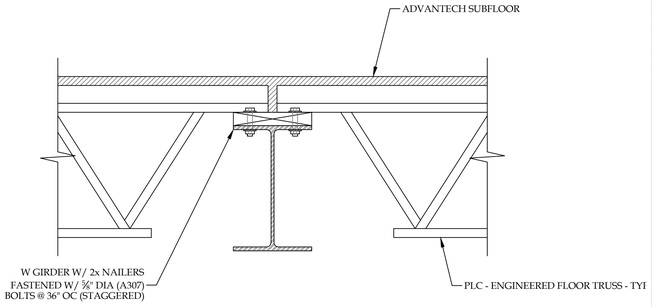
2 TYP. STL. BEAM CONT. OVER COL. DETAIL

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



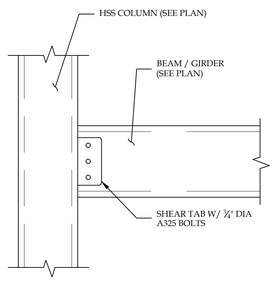
3 TYP. LVL TO STEEL DETAIL

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



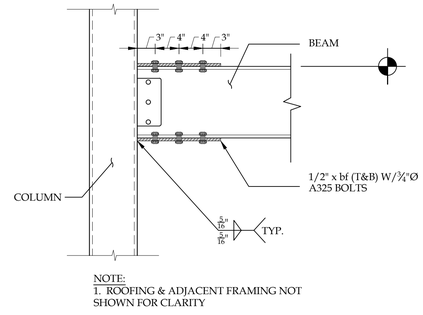
4 TYP. TRUSS TO STEEL DETAIL

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



5 TYPICAL SHEAR CONNECTION

SCALE: NTS



NOTE:

1. ROOFING & ADJACENT FRAMING NOT SHOWN FOR CLARITY

6 TYPICAL MOMENT CONNECTION

SCALE: NTS

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PROJECT
HOPEWELL SENIOR LIVING
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DRAWING
STRUCTURAL DETAILS

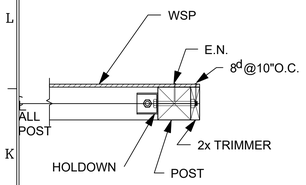
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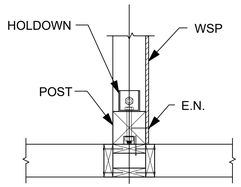
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CM	2103036
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DC	11/12/21

DRAWING NUMBER
S.304

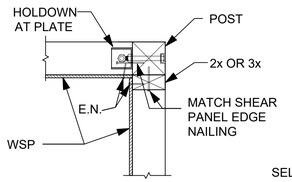
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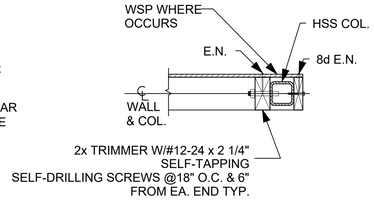
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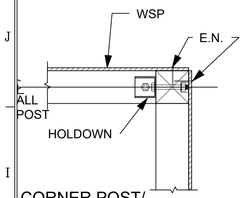
END POST/
INTERSECTING WALL



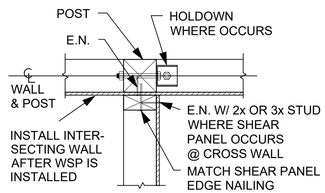
CORNER POST/
INTERIOR SHEATHING



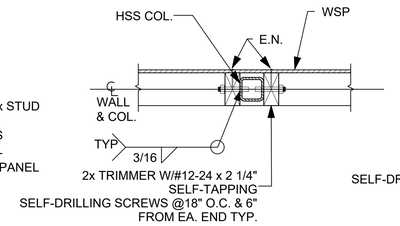
STEEL END POST



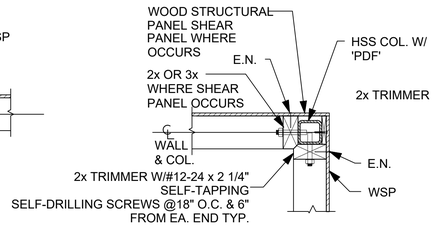
CORNER POST/
EXTERIOR SHEATHING



INTERSECTING WSP



STEEL POST/MID WALL

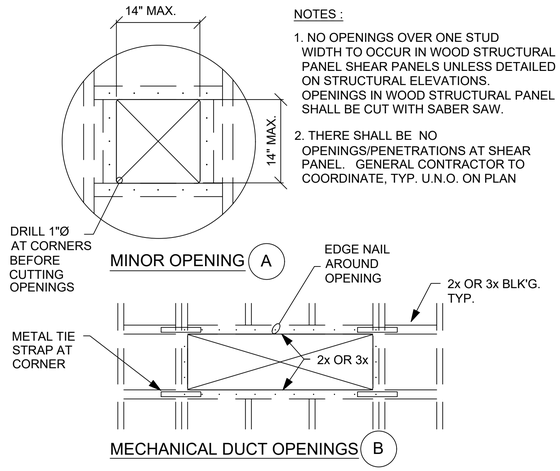


STEEL CORNER POST

NOTE: WSP = WOOD STRUCTURAL PANEL

1 TYPICAL WOOD STRUCTURAL PANEL DETAIL

SCALE: 1" = 1' - 0"



NOTES :

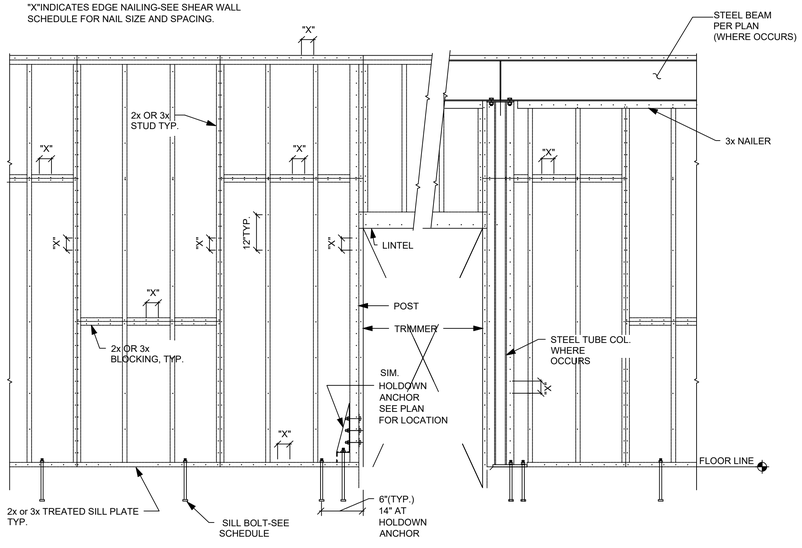
1. NO OPENINGS OVER ONE STUD WIDTH TO OCCUR IN WOOD STRUCTURAL PANEL SHEAR PANELS UNLESS DETAILED ON STRUCTURAL ELEVATIONS. OPENINGS IN WOOD STRUCTURAL PANEL SHALL BE CUT WITH SABER SAW.
2. THERE SHALL BE NO OPENINGS/PENETRATIONS AT SHEAR PANEL. GENERAL CONTRACTOR TO COORDINATE, TYP. U.N.O. ON PLAN

2 TYPICAL OPENING IN WOOD FRAMING

SCALE: 1" = 1' - 0"

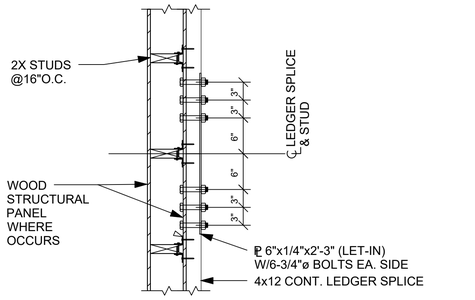
PROVIDE FURRING OR BACKING OF THICKNESS AS REQUIRED TO MAINTAIN A COMMON WALL PLANE AT ALL WOOD STUD WALL SURFACES WHICH ARE ONLY PARTIALLY SHEATHED WITH WOOD STRUCTURAL PANEL
COORDINATE AND ADJUST HEAD, JAMB AND SILL DETAILS AS REQUIRED FOR PROPER OVERALL WALL THICKNESS.

"X"INDICATES EDGE NAILING-SEE SHEAR WALL SCHEDULE FOR NAIL SIZE AND SPACING.



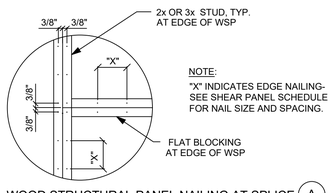
3 TYPICAL SHEAR WALL DETAIL

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



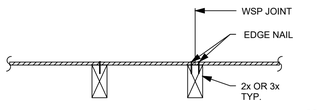
4 TYPICAL LEDGER SPLICE

SCALE: 1" = 1' - 0"



NOTE:
"X" INDICATES EDGE NAILING-SEE SHEAR PANEL SCHEDULE FOR NAIL SIZE AND SPACING.

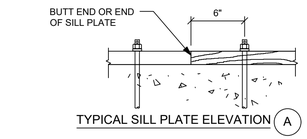
WOOD STRUCTURAL PANEL NAILING AT SPLICE A

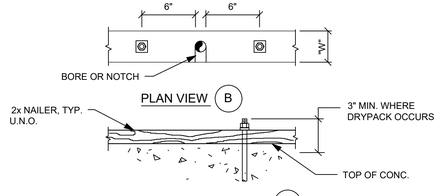


PLAN : WOOD STRUCTURAL PANEL ONE SIDE B

5 TYPICAL WOOD STRUCTURAL PANEL DETAIL

SCALE: 1" = 1' - 0"





SILL BOLT REQUIREMENTS

1. PROVIDE A MINIMUM SILL BOLT EMBEDMENT OF 7" BELOW FINISH FLOOR OR TOP OF CURB.
2. PROVIDE AN ADDITIONAL SILL BOLT 6 INCHES FROM EACH END OF EACH PIECE OF SILL PLATE.
3. WHERE SILL PLATES ARE BORED OR NOTCHED IN EXCESS OF 1/3 OF THE SILL PLATE WIDTH, PROVIDE ADDITIONAL SILL BOLTS 6 INCHES EACH SIDE OF BORE OR NOTCH.
4. SET ALL SILL BOLTS WITH A SETTING TEMPLATE BEFORE PLACING CONCRETE. STABBING OR PUSHING OF SILL BOLTS INTO WET CONCRETE IS EXPRESSLY PROHIBITED.
5. PROVIDE A MINIMUM SILL BOLT PROJECTION ABOVE THE CONCRETE AS SHOWN ON DETAIL C.

6 TYPICAL SILL ANCHOR

SCALE: 1 ½ " = 1' - 0"

NOTES

PROJECT NORTH

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	ISSUED FOR PERMIT	11/12/21

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
STRUCTURAL DETAILS

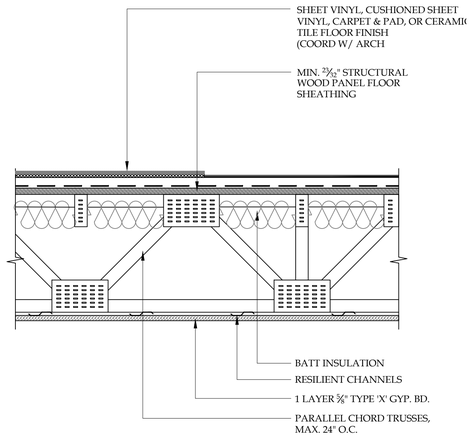
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STATE OF NEW YORK · DANIEL J. CONNELLY · NO. 076413 · LICENSED PROFESSIONAL ENGINEER

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CM	2103036
CHECKED BY	DATE
DC	11/12/21

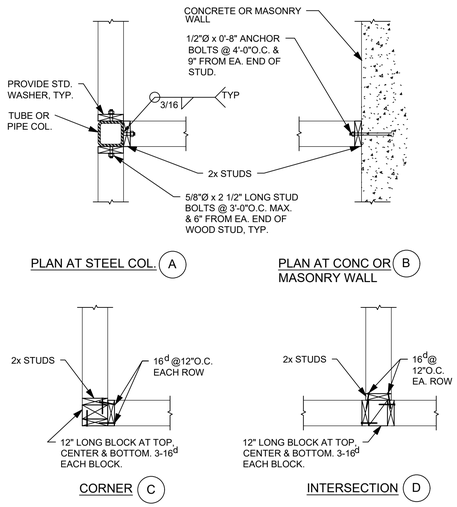
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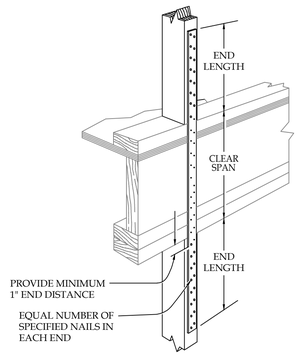
1 TYPICAL TRUSS FLOOR ASSEMBLY

SCALE: 1" = 1' - 0"

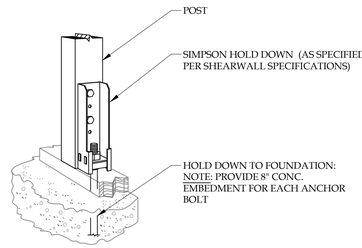


2 ADDITIONAL FRAMING DETAILS

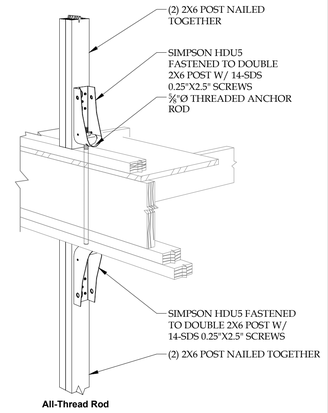
SCALE: N.T.S.



SIMPSON STRONG-TIE STRAP



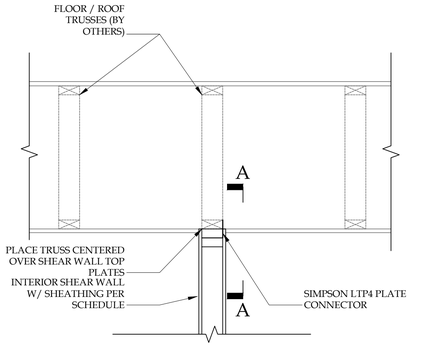
SIMPSON STRONG - HOLD DOWN



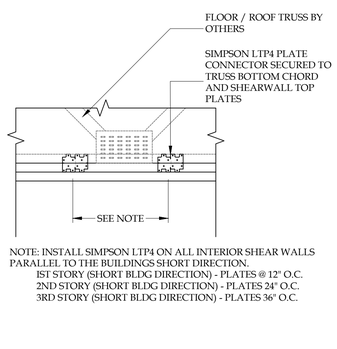
SIMPSON STRONG - FLOOR TIE HDU5

3 HOLD DOWN & FLOOR TIE DETAILS

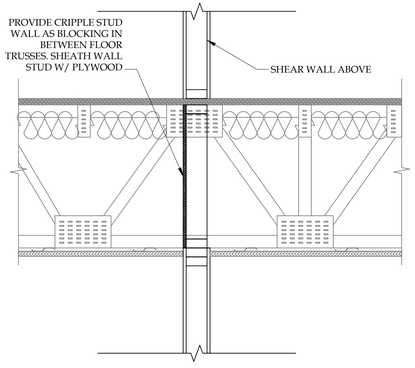
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FLOOR TRUSS PARALLEL TO SHEAR WALL



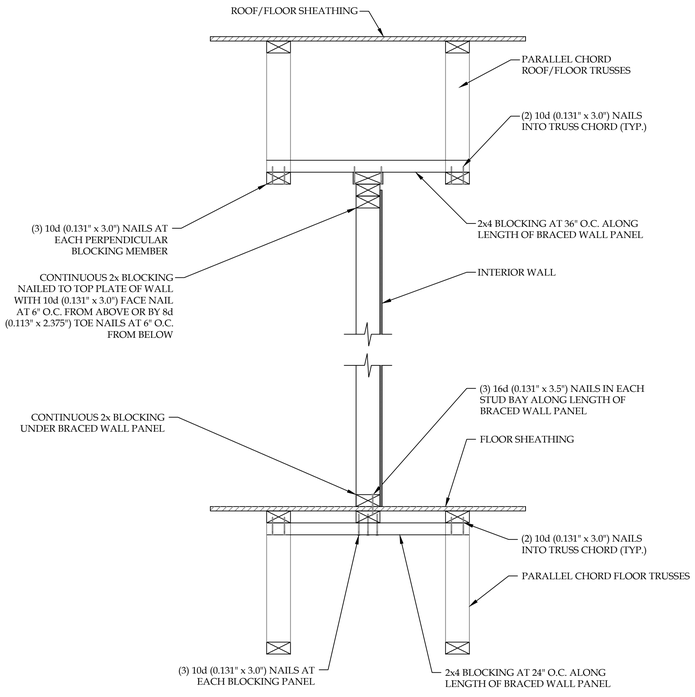
SECTION A-A



FLOOR TRUSS PERPENDICULAR TO SHEAR WALL

4 INTERIOR TOP OF SHEAR WALL CONNECTION

SCALE: 1" = 1' - 0"



5 TYP. INT. WALL - PARALLEL TO TRUSSES

SCALE: 1" = 1'-0"

NOTES

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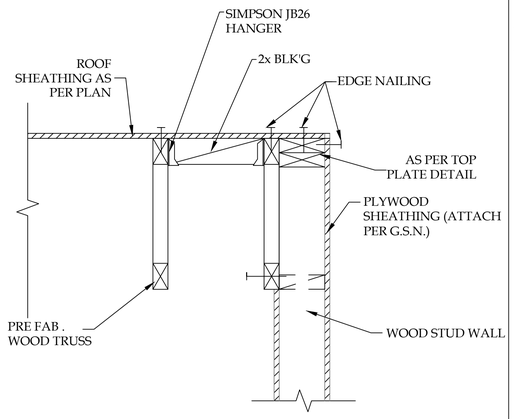
PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
STRUCTURAL DETAILS

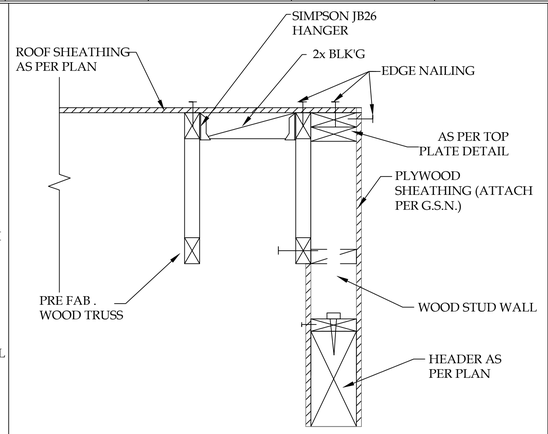
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	CM	2103036
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	DC	11/12/21

DRAWING NUMBER
S.306

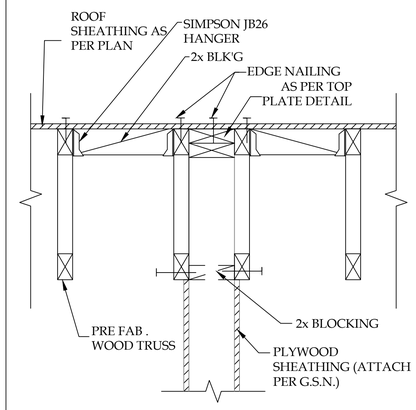
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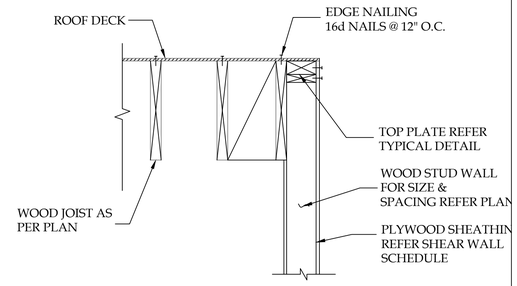
1 TRUSS PARALLEL TO WALL STUD WALL NTS



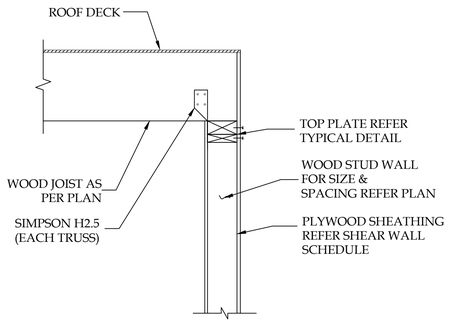
2 TRUSS PARALLEL TO WALL STUD WALL NTS



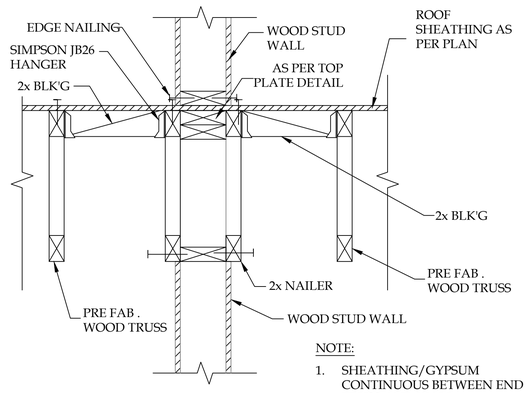
3 TRUSS PARALLEL TO WALL STUD WALL NTS



4 WOOD WALL PARALLEL TO JOIST NTS

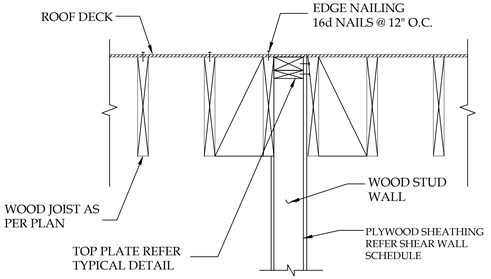


5 WOOD JOIST ON WOOD WALL NTS

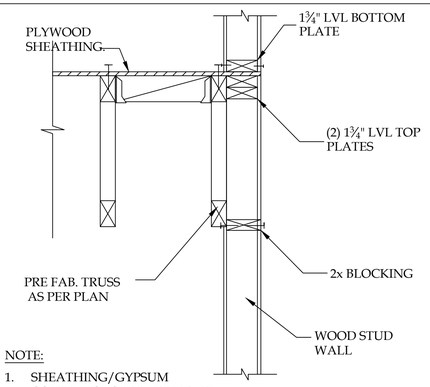


NOTE:
1. SHEATHING/GYPSUM CONTINUOUS BETWEEN END TRUSS AND WALL.

6 TRUSS PARALLEL TO WOOD STUD WALL NTS

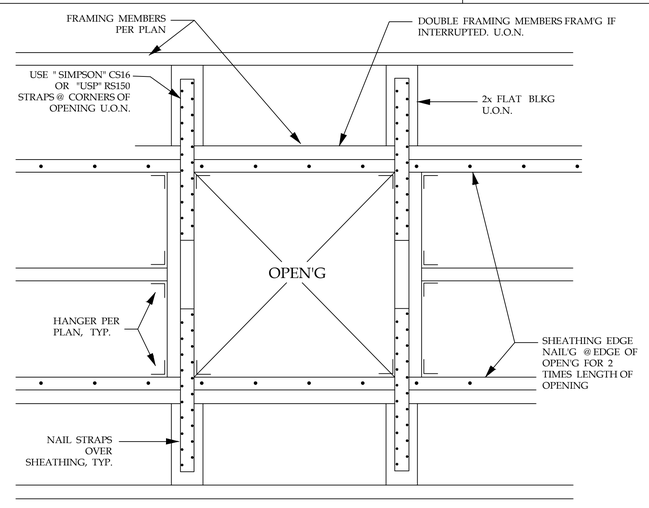


7 WOOD JOIST PARALLEL TO WOOD STUD WALL NTS



NOTE:
1. SHEATHING/GYPSUM CONTINUOUS BETWEEN END TRUSS AND WALL.

8 WOOD TRUSS AT WOOD WALL NTS



9 OPENING IN FLOOR/ ROOF DIAPHRAGM
SCALE: 1/2" = 1' - 0"

NOTES

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

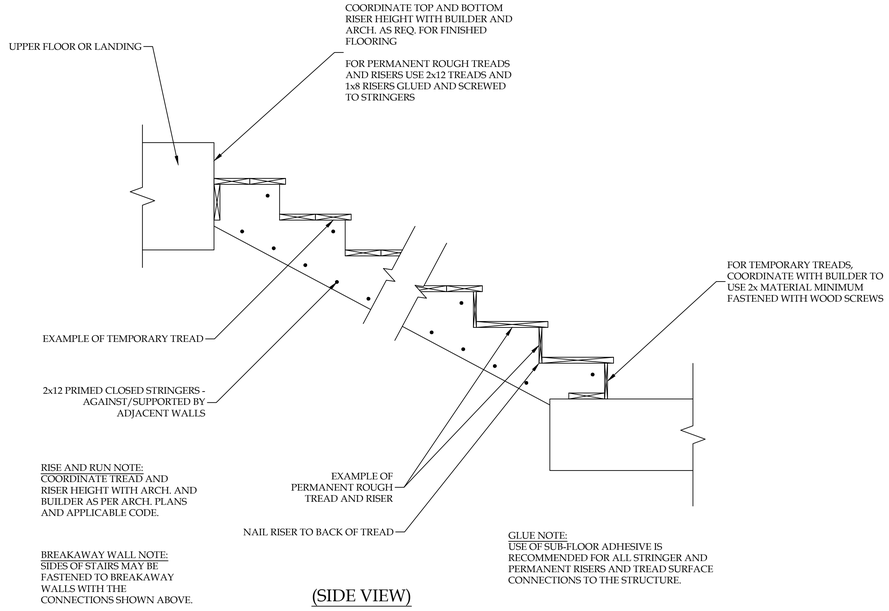
DRAWING
STRUCTURAL DETAILS

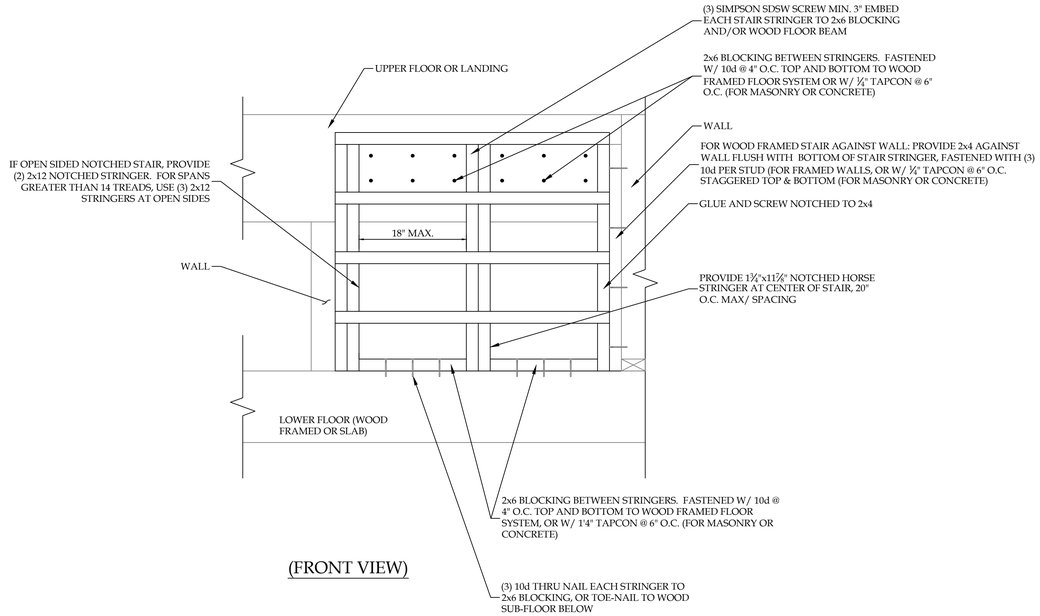
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DRAWN BY	PROJECT NUMBER
CM	2103036
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DC	11/12/21

DRAWING NUMBER
S.307

FILE





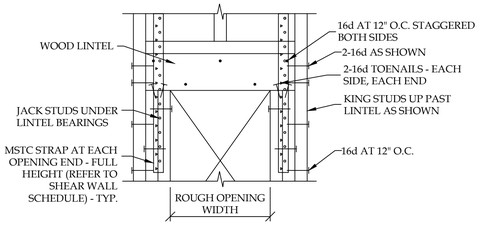
1 TYPICAL STAIR FRAMING

SCALE: 1" = 1' - 0"

NOTES

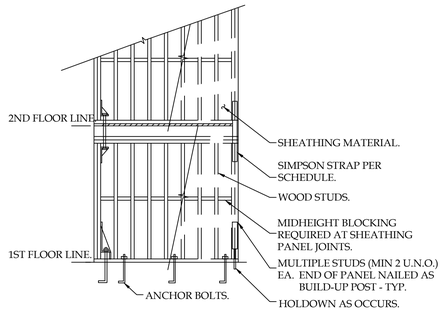
PROJECT NORTH

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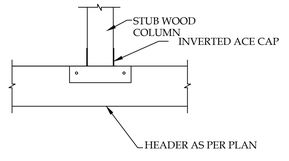
2 TYPICAL SHEAR WALL OPENING

NTS



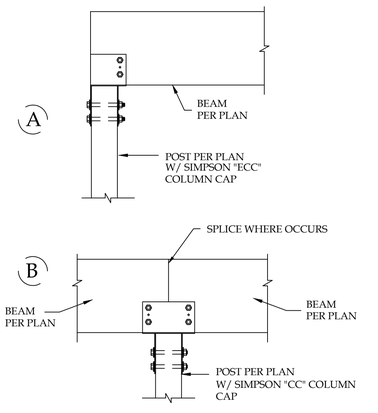
3 TYP - MULTI-STORY SHEAR WALL ELEV.

NTS



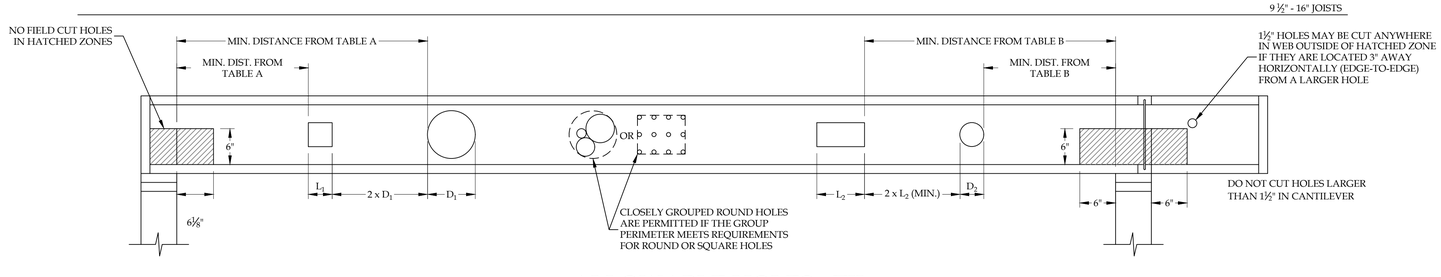
4 WOOD POST AT WOOD BEAM

NTS



5 TYP. WOOD BEAM @ WOOD COL.

NTS



6 ALLOWABLE HOLES - TJI

NTS

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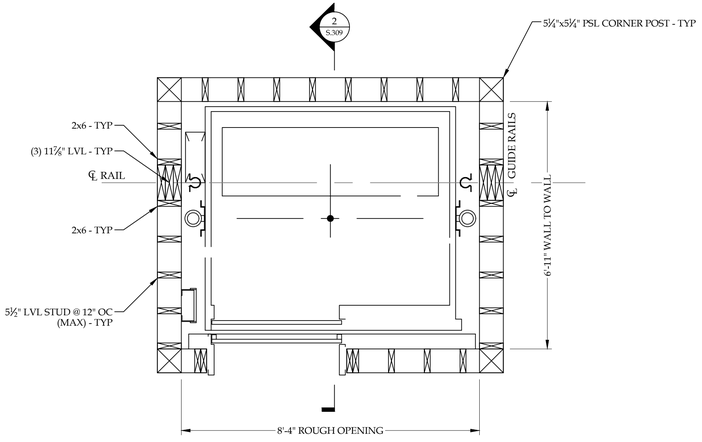
PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
STRUCTURAL DETAILS

SEAL	DRAWN BY	PROJECT NUMBER
	CM	2103036
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	DRAWING NUMBER	
	S.308	

STATE OF NEW YORK – DANIEL T. CONNOLLY – NO. 076413 – LICENSED PROFESSIONAL ENGINEER

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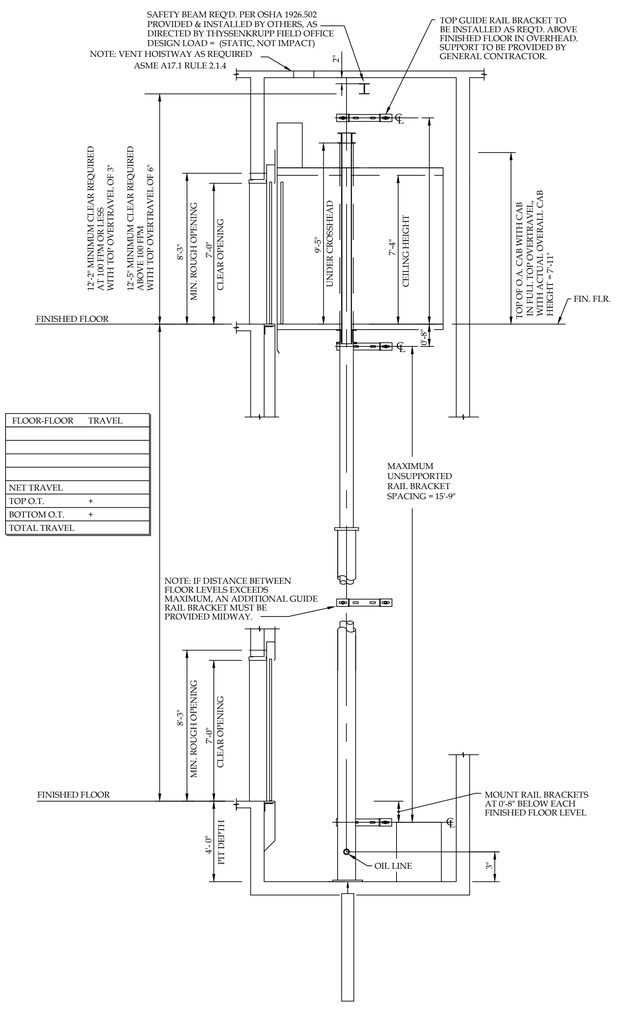


NOTE:

1. COORDINATE FINAL ELEVATOR W/ ARCHITECTURAL AND MECHANICAL DRAWINGS PRIOR TO CONSTRUCTION.

1 HOISTWAY - PLAN

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



2 HOISTWAY - SECTION

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

NOTES

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PROJECT
HOPEWELL SENIOR LIVING
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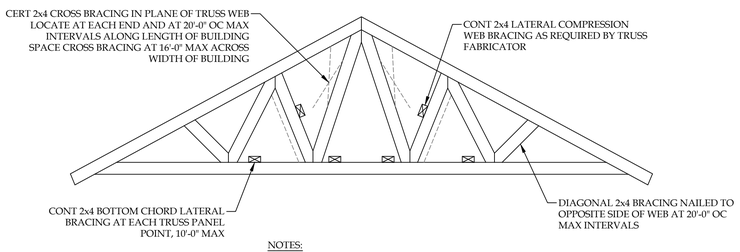
SEAL

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DRAWN BY	PROJECT NUMBER
CM	2103036
CHECKED BY	DATE
DC	11/12/21

DRAWING NUMBER
S.309

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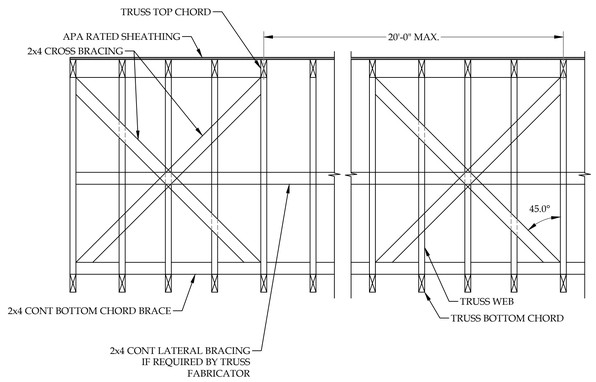


NOTES:

1. IN ADDITION TO BOTTOM CHORD BRACING SHOWN, INSTALL FLAT 2x4 DIAGONAL BOTTOM CHORD BRACING ACROSS FULL WIDTH OF TRUSS. POSITION BRACING AT APPROXIMATE 45° BETWEEN EACH ROW OF CONTINUOUS LATERAL BRACING. LOCATE AT EACH END AND AT 20 FEET MAXIMUM.
2. BRACING AND TRUSS WEN CONFIGURATIONS ARE SCHEMATIC ONLY. SEE PLAN AND TRUSS FABRICATION DRAWINGS FOR ADDITIONAL TRUSS AND BRACING INFORMATION.
3. ANCHOR ALL LATERAL BRACING TO SOLID END WALL FRAMING TO RESIST A 200LB AXIAL BRACE LOAD.

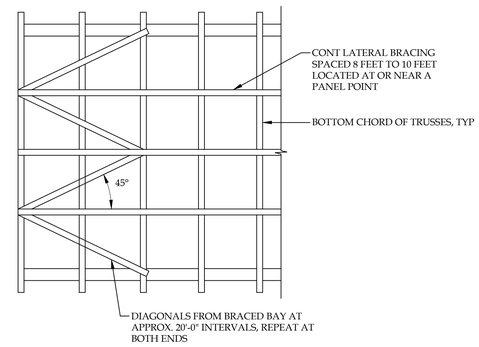
1 TYP. TRUSS PERMANENT BRACING SCHEMATIC

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



2 TRUSS CROSS BRACING ELEV. DETAIL

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



3 END WALL ANCHORAGE PLAN DETAIL

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

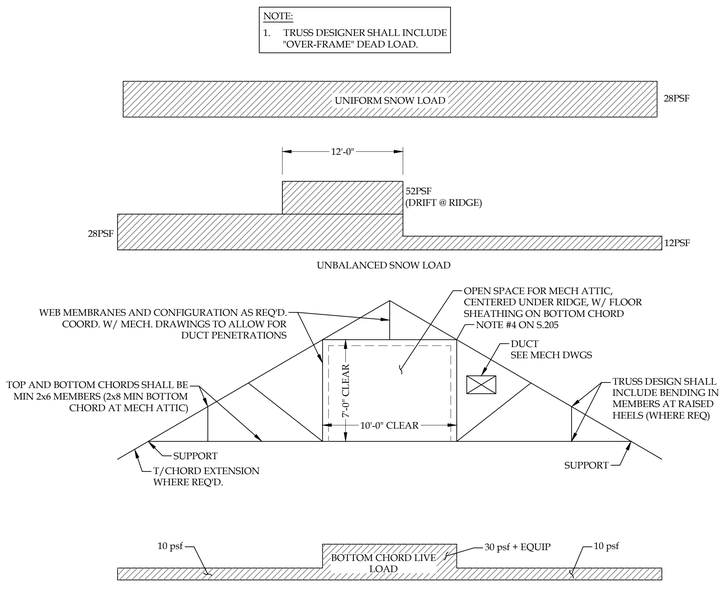
NOTES

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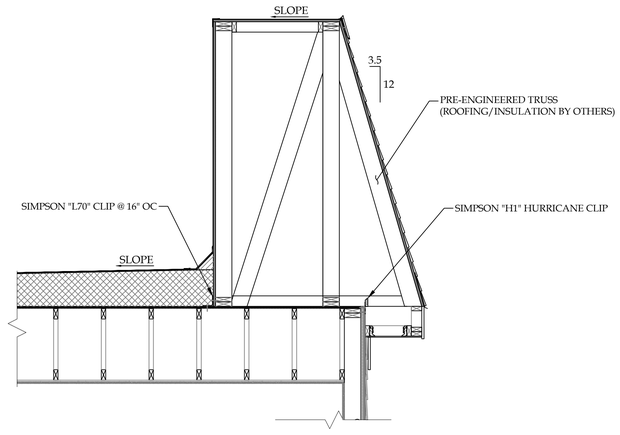
NOTE:

1. TRUSS DESIGNER SHALL INCLUDE "OVER-FRAME" DEAD LOAD.



4 MAIN ROOF TRUSS

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



5 DETAIL

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

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
STRUCTURAL DETAILS

SEAL

STATE OF NEW YORK · DANIEL T. CONNOLLY · NO. 079453 · LICENSED PROFESSIONAL ENGINEER

DRAWN BY	PROJECT NUMBER
CM	2103036
CHECKED BY	DATE
DC	11/12/21

DRAWING NUMBER
S.310

FILE

WARNING! Disregarding Permanent Restraint/Bracing is a major cause of truss field performance problems and has been known to lead to roof or floor systems collapse.
¡ADVERTENCIA! *Descuidar el Arriostre/Restricción Permanente es una causa principal de problemas de rendimiento del truss en campo y había conocido a llevar al derrumbamiento del sistema del techo o piso.*

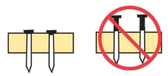
CAUTION! Spans over 60' may require complex permanent bracing. Please always consult a Registered Design Professional.
¡CAUTELA! *Tramos sobre 60 pies pueden requerir arriostre permanente complejo. Por favor, siempre consulte a un Profesional Registrado de Diseño.*

RESTRAINT/BRACING MATERIALS & FASTENERS
MATERIALES Y CIERRES DE RESTRICCIÓN/ARRIOSTRE

☑ Common restraint/bracing materials include wood structural panels, gypsum board sheathing, stress-graded lumber, proprietary metal products, and metal purlins and straps.
Materiales comunes de arriostrar/restringir incluyen paneles estructurales de madera, entablado de yeso, madera graduada por esfuerza, productos de metal patentados, y vigas de soporte y tiras de metal.

MINIMUM ATTACHMENT REQUIREMENTS FOR LUMBER RESTRAINT/BRACING[1,2]

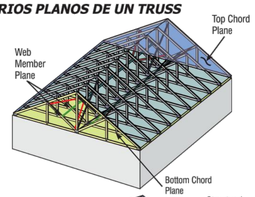
Lumber Size	Minimum Nail Size	Minimum Number of Nails per Connection
2x4 stress-graded	10d (0.128x3") 12d (0.128x3.25") 16d (0.131x3.5")	2
2x6 stress-graded	10d (0.128x3") 12d (0.128x3.25") 16d (0.131x3.5")	3



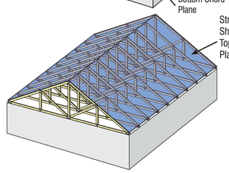
[1] Other attachment requirements may be specified by the Truss Designer or Building Designer.
[2] The size and attachment for bracing materials such as wood structural panels, gypsum board sheathing, proprietary metal restraint/bracing products, and metal purlins and straps are provided by the Building Designer.

PERMANENT BRACING FOR THE VARIOUS PLANES OF A TRUSS
ARRIOSTRE PERMANENTE PARA VARIOS PLANOS DE UN TRUSS

☑ Permanent Bracing is important because it,
a) prevents out-of-plane buckling of truss members,
b) helps maintain proper truss spacing, and
c) resists and transfers lateral loads from wind and seismic forces.
El arriostre Permanente es importante porque,
a) impide el torcer fuera-de-plano de los miembros del truss,
b) ayuda en mantener espaciamiento apropiado de los trusses, y
c) resiste y pasa las cargas laterales de viento y fuerzas sísmicas aplicadas al sistema del truss.



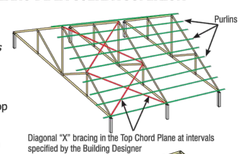
☑ Trusses require Permanent Bracing within ALL of the following planes:
1. Top Chord Plane
2. Bottom Chord Plane
3. Web Member Plane
Trusses requieren Arriostre Permanente dentro de TODOS los siguientes planos:
1. Plano de la Cuerda Superior
2. Plano de la Cuerda Inferior
3. Plano del Miembro Secundario



CAUTION! Without Permanent Bracing the truss, or a portion of its members, will buckle (i.e., fail) at loads far less than design.
¡CAUTELA! *Sin el Arriostre Permanente, del truss, o un parte de los miembros, torcerán (ej. fallarán) de cargas muchas menos que las cargas que el truss es diseñado a llevar.*

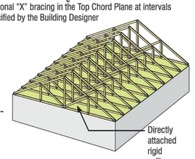
1. PERMANENT BRACING FOR THE TOP CHORD PLANE
1. ARRIOSTRE PERMANENTE PARA EL PLANO DE LA CUERDA SUPERIOR

☑ Use plywood, oriented strand board (OSB), or wood or metal structural purlins that are properly braced.
Use contrachapado, panel de fibras orientadas (OSB), o vigas de soporte de madera o metal que son arriostrados apropiadamente.



☑ The Truss Design Drawing (TDD) provides information on the assumed support for the top chord.
El Dibujo del Diseño de Truss (TDD) provee información sobre el soporte supuesto para la cuerda superior.

☑ Fastener size and spacing requirements and grade for the sheathing, purlins and bracing are provided in the building code and/or by the Building Designer.
El tamaño de cierre y requisitos de espaciamiento y grado para el entablado, vigas de soporte y arriostre son provistos en el código del edificio y/o por el Diseñador del Edificio.

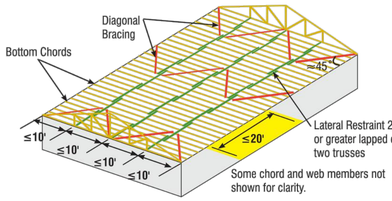


2. PERMANENT BRACING FOR THE BOTTOM CHORD PLANE
2. ARRIOSTRE PERMANENTE PARA EL PLANO DE LA CUERDA INFERIOR

☑ Use rows of continuous Lateral Restraint with Diagonal Bracing, gypsum board sheathing or rigid ceiling.
Use filas de Restricción Lateral Continua con Arriostre Diagonal, entablado de yeso o techo rigído.

☑ The TDD provides information on the assumed support for the bottom chord.
El TDD provee información sobre el soporte supuesto para la cuerda inferior.

☑ **Install bottom chord permanent Lateral Restraint at the spacing indicated on the TDD and/or by the Building Designer with a maximum of 10' on center.**
Instale Restricción Lateral permanente de la cuerda inferior al espaciamiento indicado en el TDD y/o por el Diseñador del Edificio con un máximo de 10 pies en el centro.



Lateral Restraint and Diagonal Bracing used to brace the Bottom Chord Plane.

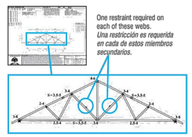
3. PERMANENT BRACING FOR THE WEB MEMBER PLANE
3. ARRIOSTRE PERMANENTE PARA EL PLANO DEL MIEMBRO SECUNDARIO

Web Member Permanent Bracing collects and transfers buckling restraint forces and/or lateral loads from wind and seismic forces. The same bracing can often be used for both functions.
Arriostre Permanente de los Miembros Secundarios recogen y pasan fuerzas de restricción de torcer y/o cargas laterales de viento y fuerzas sísmicas. A menudo el mismo arriostre puede ser usado para ambos funciones.

Individual Web Member Permanent Restraint & Bracing
Restricción y Arriostre Permanente de Miembros Secundarios Individuales

☑ Check the TDD to determine which web members (if any) require restraint to resist buckling.
Revisa el TDD para determinar cuales miembros secundarios (si algunos) requieren restricción para resistir el torcer.

☑ Restrain and brace with,
A. Continuous Lateral Restraint & Diagonal Bracing, or
B. Individual Member Web Reinforcement.
Restrinja y arriostre con,
A. Restricción Lateral Continua y Arriostre Diagonal, o
B. Refuerzo de Miembros Secundarios Individuales.

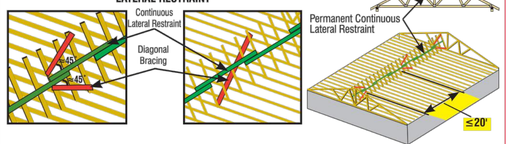


A. Continuous Lateral Restraint (CLR) & Diagonal Bracing
A. Restricción Lateral Continua (CLR) y Arriostre Diagonal

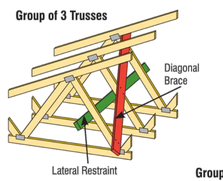
☑ Attach the CLR at the locations shown on the TDD.
Sujete el CLR en las ubicaciones mostrados en el TDD.

☑ Install the Diagonal Bracing at approximately 45° to the CLR and position so that it crosses the web in close proximity to the CLR. Attach the Diagonal Brace as close to the Top and Bottom Chords as possible and to each web it crosses. **Repeat every 20' or less.**
Instale el Arriostre Diagonal a aproximadamente 45 grados al CLR y lo coloque para que cruce la cuerda muy cerca del CLR. Sujete el Arriostre Diagonal como cercano a las cuerdas inferior y superior como sea posible y a cada cuerda que lo cruza. ***Repita cada 20 pies o menos.***

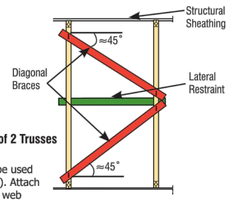
EXAMPLES OF DIAGONAL BRACING WITH CONTINUOUS LATERAL RESTRAINT



Group of 3 Trusses



Group of 2 Trusses

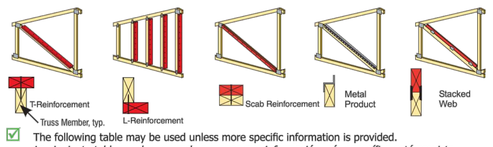


☑ Lateral Restraint & Diagonal Bracing can also be used with small groups of trusses (i.e., three or less). Attach the Lateral Restraint & Diagonal Brace to each web member that they cross.
Restricción Lateral y Arriostre Diagonal también puede ser usado con grupos pequeños de trusses (ej. tres o menos). Sujete la Restricción Lateral y el Arriostre Diagonal a cada miembro secundario que los cruzan.

ALWAYS DIAGONALLY BRACE THE CONTINUOUS LATERAL RESTRAINT!
¡SIEMPRE ARRIOSTRE LA RESTRICCIÓN LATERAL CONTINUA DIAGONALMENTE!

B. Individual Web Member Reinforcement
B. Refuerzo de Miembros Secundarios Individuales

T-, L-, Scab, I-, U-Reinforcement, proprietary metal reinforcement and stacked web products provide an alternative for resisting web buckling.
T-, L-, costra, I-, U-Refuerzo, refuerzo de metal patentando y productos de miembros secundarios amontonados proveen una alternativa para resistir el torcer de los miembros secundarios.

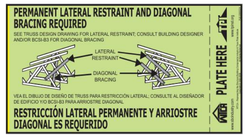


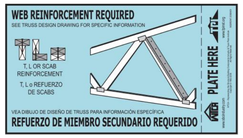
☑ The following table may be used unless more specific information is provided.
La siguiente tabla puede ser usada a menos que información más específica está provista.

WEB REINFORCEMENT FOR SINGLE PLY TRUSSES[1]

Specified CLR	Size of Truss Web	Type & Size of Web Reinforcement				Grade of Web Reinforcement	Minimum Length of Web Reinforcement	Minimum Connection of Web Reinforcement to Web
		T	L	Scab[2]	I			
1 Row	2x4	2x4	2x4	2x4		Same species and grade or better than web member	90% of web or extend to within 6" (150 mm) of end of web member, whichever is greater	16d Gun nails (0.131x3.5") @ 6" (150 mm) on-center[2]
	2x6	2x6	2x6	2x6				
	2x8	2x8	2x8	2x8				
2 Rows	2x4	---	---	---	2-2x4			
	2x6	---	---	---	2-2x6			
	2x8	---	---	---	2-2x8			

[1]Maximum allowable web length is 14' (4.3 m).
[2]For Scab Reinforcement use 2 rows of 10d Gun nails (0.120x3") at 6" (150 mm) on-center to attach reinforcement to web.

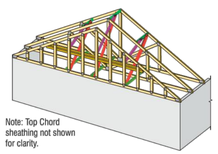


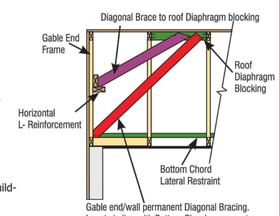


☑ Some Truss Manufacturers mark the locations of the web Lateral Restraint or reinforcement on the truss using tags similar to those above.
Algunos Fabricantes de Trusses marcan en el truss las ubicaciones de refuerzo o Restricción Lateral de miembros secundarios con etiquetas similares a las arriba.

Web Member Plane Permanent Building Stability Bracing to Transfer Wind & Seismic Forces
Arriostre de Estabilidad Permanente del Edificio del Plano de Miembros Secundarios para Desplazar Fuerzas de Viento y Fuerzas Sísmicas

☑ The web member restraint or reinforcement specified on a TDD is required to resist buckling under vertical loads. Additional restraint and bracing is typically required to transfer lateral loads due to wind and/or seismic forces. This restraint and bracing is typically provided by the Building Designer.
La restricción o refuerzo de miembros secundarios especificada en un TDD es requerido a resistir el torcer bajo cargas verticales. Restricción y arriostre adicional es requerido típicamente para pasar cargas laterales debidas a fuerzas de viento y/o fuerzas sísmicas. Esta restricción y arriostre es típicamente provisto por el Diseñador del Edificio.

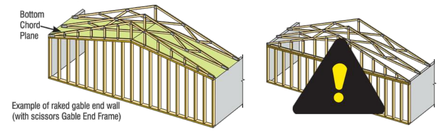




☑ Some Truss Designers provide general design tables and details to assist the Building Designer in determining the Bracing required to transfer lateral loads due to wind and/or seismic forces from the Gable End Frame into the roof and/or ceiling diaphragm.
Algunos Diseñadores de Trusses proveen tablas y detalles de diseño generales para asistir el Diseñador del Edificio en determinar el Arriostre requerido para pasar cargas laterales debidas a fuerzas de viento y/o fuerzas sísmicas del Armazón Hastial al diafragma del techo.

Gable End Frames and Sloped Bottom Chords
Armazones Hastiales Y Cuerdas Inferiores Pendientes

☑ The Gable End Frame should always match the profile of the adjacent trusses to permit installation of proper Bottom Chord Plane restraint & bracing unless special bracing is designed to support the end wall.
El Armazón Hastial siempre debe encajar el perfil de los trusses contiguous para permitir la instalación de restricción y arriostre apropiada de la Cuerda Inferior a menos que arriostre especial es diseñado para soportar la pared de extremo.

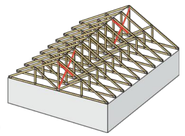


CAUTION! Using a flat Bottom Chord Gable End Frame with adjacent Trusses that have sloped Bottom Chords is prohibited by some building codes as adequate bracing of this condition is difficult and sometimes impossible. Special end wall bracing design considerations are required by the Building Designer if the Gable End Frame profile does not match the adjacent Trusses.
¡CAUTELA! *El uso de un Armazón Hastial de la Cuerda Inferior con Trusses contiguos cuales tienen Cuerdas Inferiores pendientes es prohibido por algunos códigos de edificios porque arriostre adecuado de esta condición es difícil y a veces imposible. Consideraciones especiales de diseño para el arriostre de la pared de extremo son requeridos por el Diseñador del Edificio si el perfil del Armazón Hastial no hace juego con los Trusses contiguos.*

PERMANENT BRACING FOR SPECIAL CONDITIONS
ARRIOSTRE PERMANENTE PARA CONDICIONES ESPECIALES

Sway Bracing—*Arriostre de "Sway"*

☑ "Sway" bracing is installed at the discretion of the Building Designer to help stabilize the truss system and minimize the lateral movement due to wind and seismic loads.
Arriostre de "Sway" está instalado por la discreción del Diseñador del Edificio para ayudar en estabilizar el sistema de trusses y para minimizar el movimiento lateral debido a cargas de viento y cargas sísmicas.

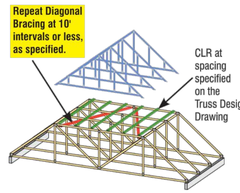


☑ Sway bracing installed continuously across the building also serves to distribute gravity loads between trusses of varying stiffness.
Arriostre de "Sway" que es instalada continuadamente al través del edificio también es usado para distribuir las cargas de gravedad entre trusses de rigidez variando.

Permanent Restraint/Bracing for the Top Chord in a Piggyback Assembly
Restricción/Arriostre Permanente para la Cuerda Superior en un Ensamblaje de Piggyback

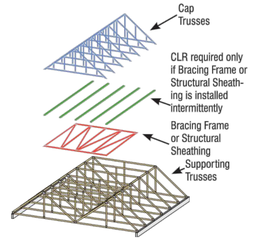
☑ Provide restraint and bracing by:
- using rows of 4x2 stress-graded lumber CLR and Diagonal Bracing, or
- connecting the CLR into the roof diaphragm, or
- adding Structural Sheathing or Bracing Frames, or
- some other equivalent means.

Provee restricción y arriostre por:
- *usando filas de 4x2 CLR madera graduada por esfuerza y Arriostre Diagonal, o*
- *conectando el CLR al diafragma del echo, o*
- *añadiendo Entablado Estructural o Arm zanes de Arriostre, o*
- *algunos otros métodos equivalentes.*



☑ Refer to the TDD for the maximum assumed spacing for attaching the Lateral Restraint to the top chord of the supporting truss.
Refiere al TDD para el espaciamiento máximo supuesto para sujetar la Restricción Lateral a la cuerda superior del truss soportante.

☑ The TDD provides the assumed thickness of the restraint and minimum connection requirements between the cap and the supporting truss or restraint.
El TDD provee el grosor supuesto de la restricción y los requisitos de conexión mínimos entre la capa y el truss soportante o la restricción.



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1 BCSI - PERMANENT TRUSS RESTRAINT/BRACING
NO SCALE

NOTES

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672 ROUTE 82
EAST FISHKILL, N.Y.

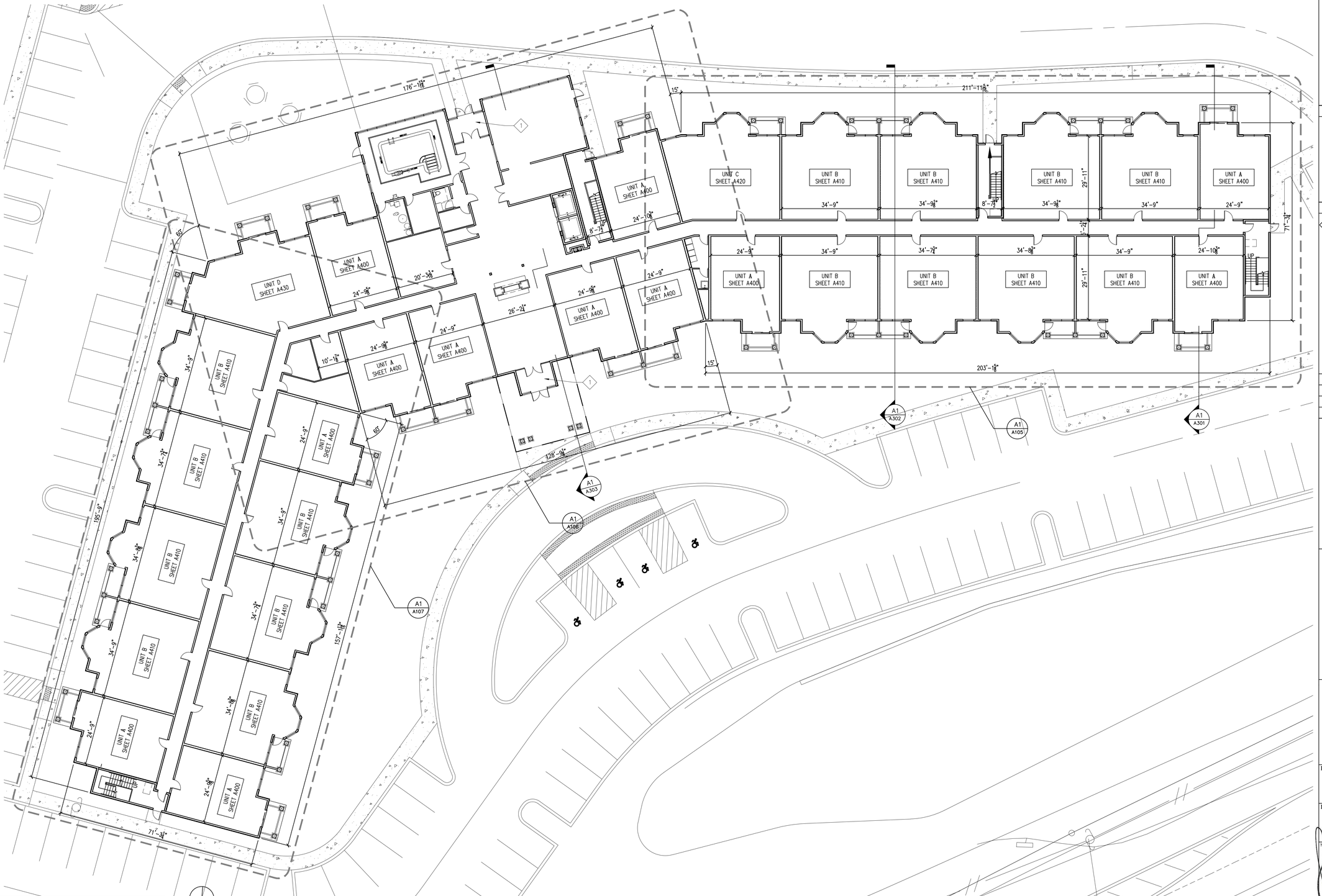
DRAWING
PERMANENT TRUSS RESTRAINED / BRACING

SEAL — STATE OF NEW YORK, DANIEL T. CONNOLLY, NO. 076435, LICENSED PROFESSIONAL ENGINEER

DRAWN BY	PROJECT NUMBER
CM	2103036
CHECKED BY	DATE
DC	11/12/21

DRAWING NUMBER
S.400

FILE



PLAN LEGEND

- NEW WALL AND DOOR
- 1 — PARTITION TYPE
- XXX / 1 — FINISH TAG
- ROOMNAME / 101 — ROOM TAG
- 134A — DOOR TAG
- W1 — WINDOW TAG
- DIM. — DIMENSIONS TYP. TO FRAMING U.N.O.

PLAN NOTES:

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2. REFER TO ELEVATIONS AND WALL SECTIONS FOR DETAILS AND FURTHER INFORMATION.
3. ALL RESIDENTIAL UNITS TO HAVE MARBLE SADDLE/TRANSITION AT BATH ENTRY DOORS.
4. REFER TO SHEETS A304 & A501 FOR STAIR & ELEVATOR PLANS AND DETAILS.
5. REFER TO UNIT TYPE SHEETS FOR FURTHER INFORMATION.

KEYNOTES:

1. WALK-OFF MAT: PROVIDE PAWLING CORP. PROTEK ENTRANCE MAT, EM-500 ROL-DEK MAXI-TUFT CARPET INSERT, COLOR #596 WINTER SLATE, WITH BEVELED VINYL NOSING (NO FRAME REQUIRED), BLACK #1. SIZE TO BE 92' X 146' (VERIFY PER APPLICATION LOCATION). COORDINATE MATERIAL 7/16' HEIGHT WITH DOOR SILLS AND WEATHER STRIPPING TO ENSURE PROPER DOOR OPERATION.

No.	REVISION/SUBMISSION	DATE
	ISSUED FOR BID	11/12/21

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36 Grist Mill Lane
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845.635.1444
845.605.5001 fax
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MA – 53197 CT – 32283 FL – 85928

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PHONE 845-452-2268 FAX 845-452-3752

PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

DRAWING
PROPOSED GROUND FLOOR PLAN

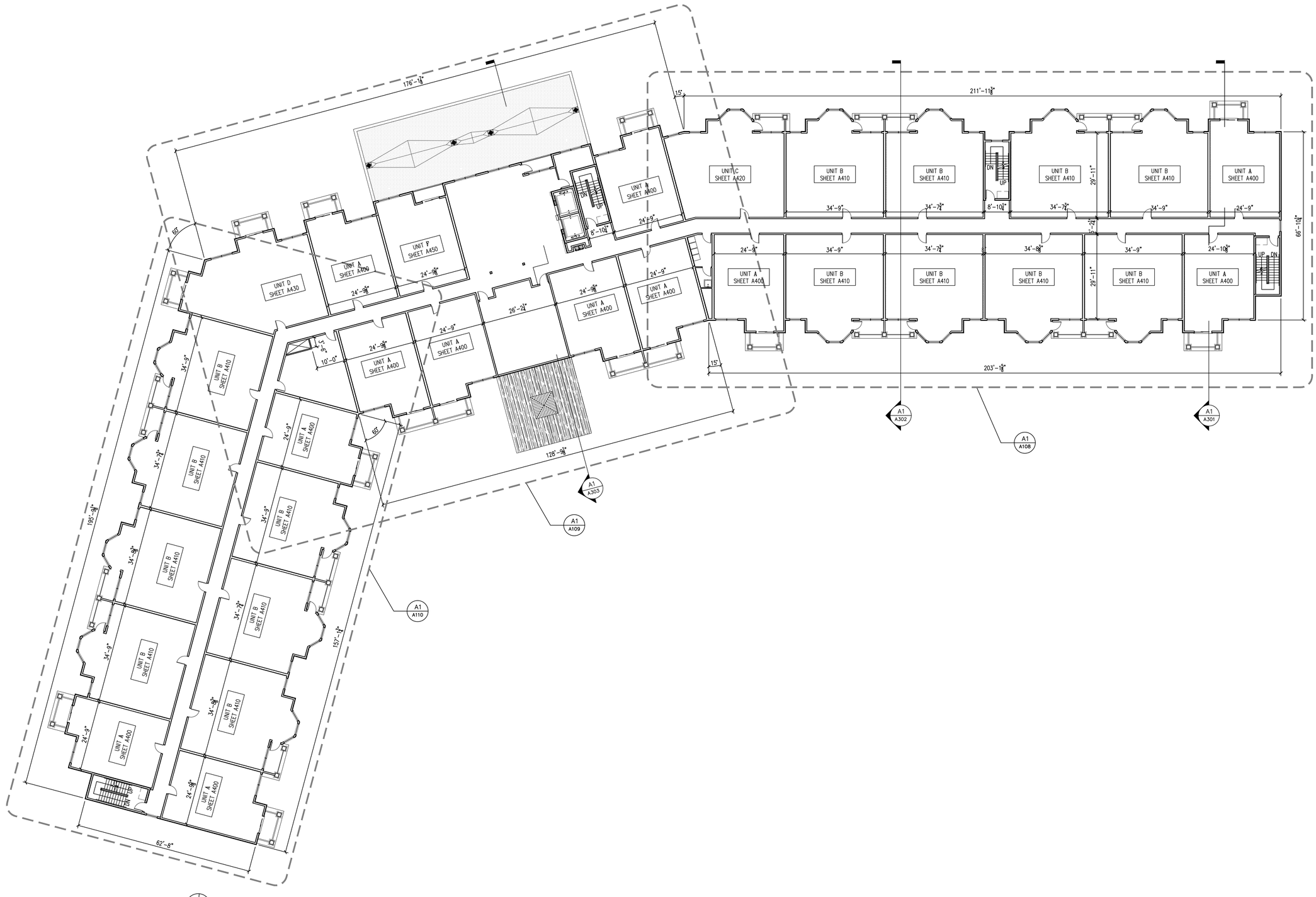
SEAL: REGISTERED ARCHITECT MICHAEL J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11-12-21

DRAWING NUMBER
A101

FILE P:\2018\18105-SEGRETI EAST FISHKILL APARTMENTS

A-1 GROUND FLOOR PLAN
1/16"=1'-0"



PROJECT NORTH

A–1 SECOND FLOOR PLAN

1/16"=1'-0"

PLAN LEGEND

- NEW WALL AND DOOR
- 1 — PARTITION TYPE
- XXX / 1 — FINISH TAG
- ROOMNAME / 101 — ROOM TAG
- 134A — DOOR TAG
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PROJECT
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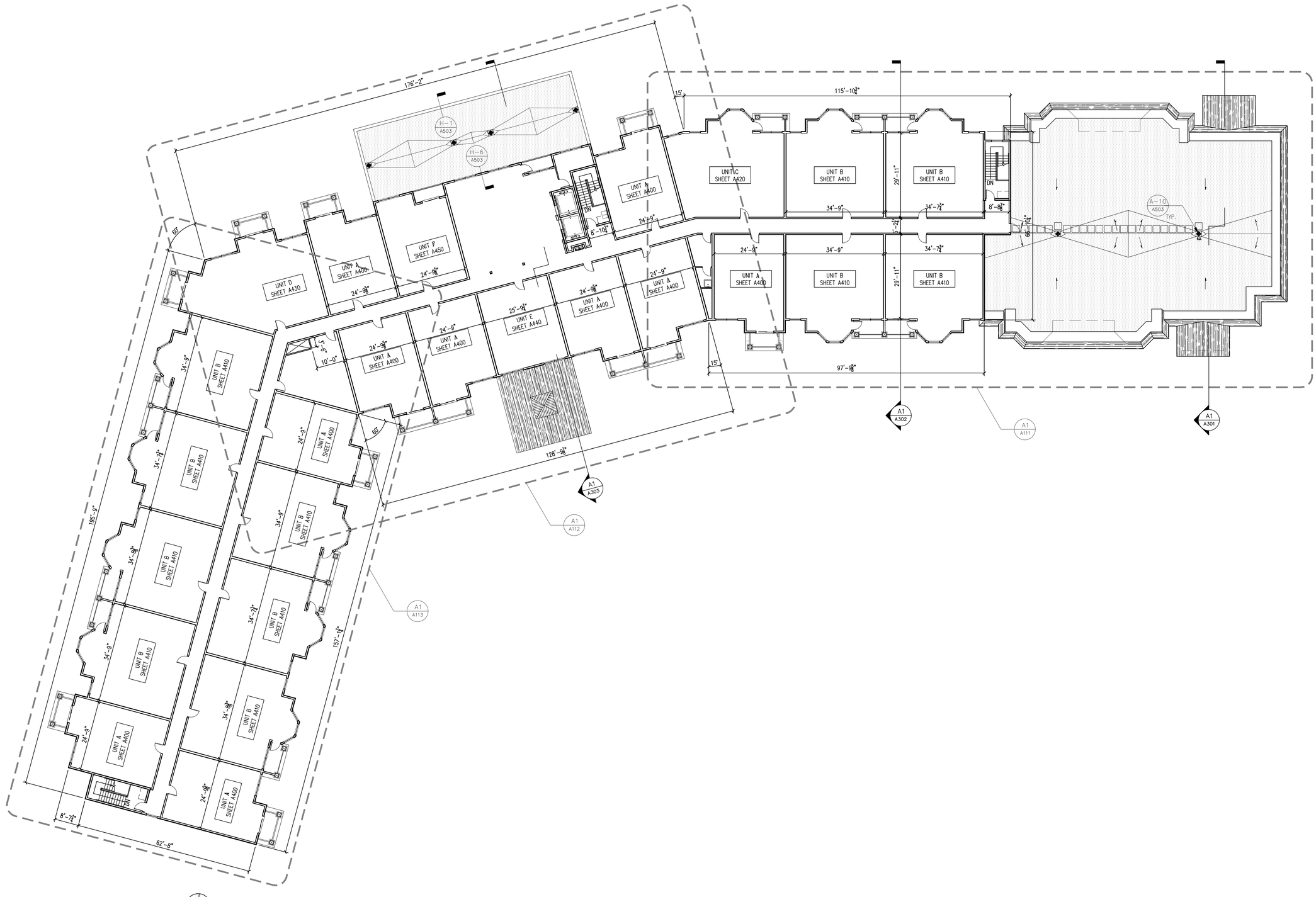
DRAWING
PROPOSED SECOND FLOOR PLAN

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11–12–21

DRAWING NUMBER
A102

FILE P:\2018\18105-SEGRE\EAST FISHKILL APARTMENTS



A—1	THIRD FLOOR PLAN
1/16"=1'-0"	

PROJECT NORTH

PLAN LEGEND

- NEW WALL AND DOOR
- 1 — PARTITION TYPE
- XXX / 1 — FINISH TAG
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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

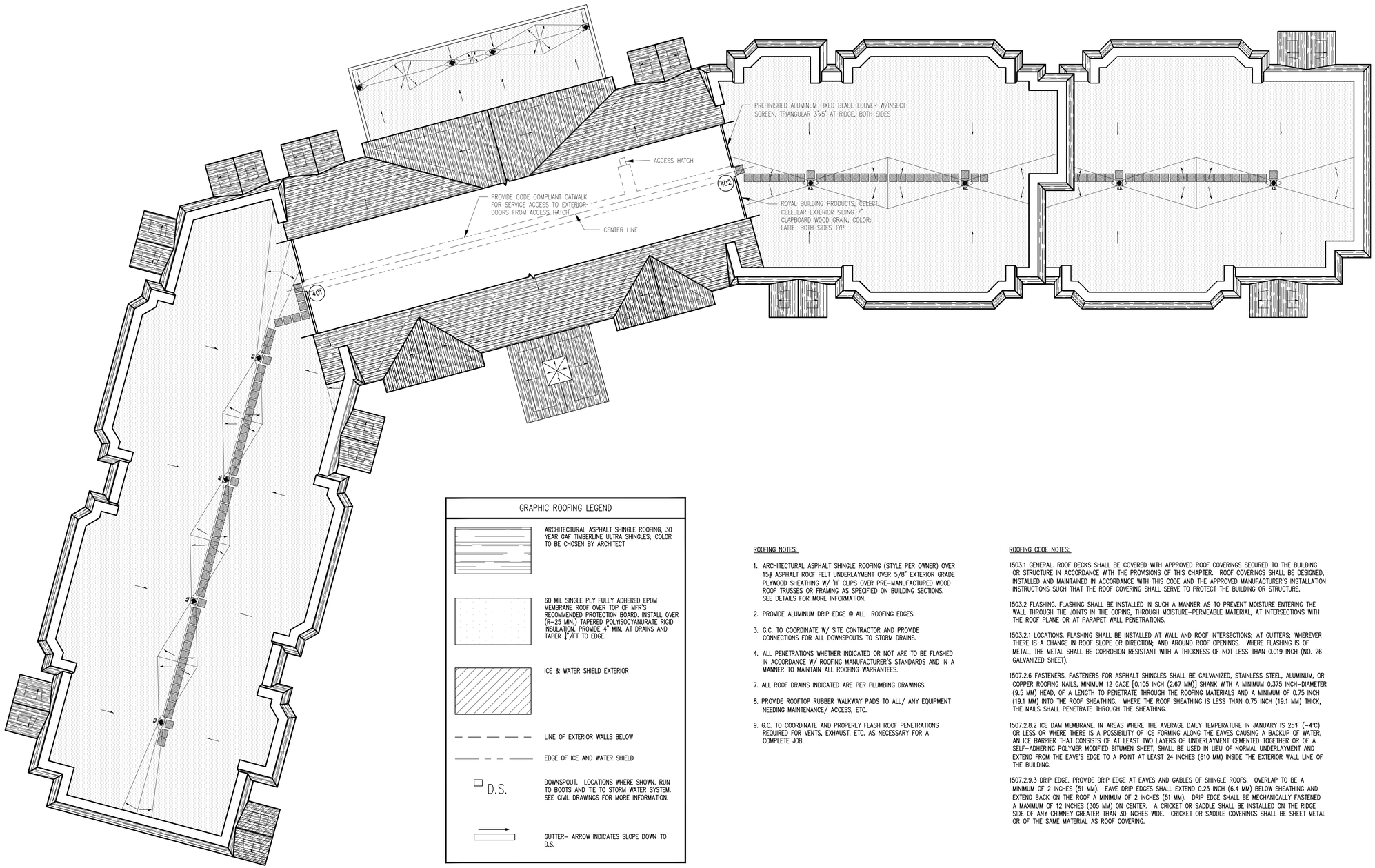
DRAWING
PROPOSED THIRD FLOOR PLAN

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11-12-21

DRAWING NUMBER
A103

FILE P:\2018\18105-SEGRE\EAST FISHKILL APARTMENTS



GRAPHIC ROOFING LEGEND

- ARCHITECTURAL ASPHALT SHINGLE ROOFING, 30 YEAR GAF TIMBERLINE ULTRA SHINGLES; COLOR TO BE CHOSEN BY ARCHITECT
- 60 MIL SINGLE PLY FULLY ADHERED EPDM MEMBRANE ROOF OVER TOP OF MFR'S RECOMMENDED PROTECTION BOARD. INSTALL OVER (R-25 MIN.) TAPERED POLYISOCYANURATE RIGID INSULATION. PROVIDE 4" MIN. AT DRAINS AND TAPER ¼"/FT TO EDGE.
- ICE & WATER SHIELD EXTERIOR
- LINE OF EXTERIOR WALLS BELOW
- EDGE OF ICE AND WATER SHIELD
- D.S. — DOWNSPOUT. LOCATIONS WHERE SHOWN. RUN TO BOOTS AND TIE TO STORM WATER SYSTEM. SEE CIVIL DRAWINGS FOR MORE INFORMATION.
- GUTTER- ARROW INDICATES SLOPE DOWN TO D.S.

ROOFING NOTES:

1. ARCHITECTURAL ASPHALT SHINGLE ROOFING (STYLE PER OWNER) OVER 15# ASPHALT ROOF FELT UNDERLAYMENT OVER 5/8" EXTERIOR GRADE PLYWOOD SHEATHING W/ 'H' CLIPS OVER PRE-MANUFACTURED WOOD ROOF TRUSSES OR FRAMING AS SPECIFIED ON BUILDING SECTIONS. SEE DETAILS FOR MORE INFORMATION.
2. PROVIDE ALUMINUM DRIP EDGE @ ALL ROOFING EDGES.
3. G.C. TO COORDINATE W/ SITE CONTRACTOR AND PROVIDE CONNECTIONS FOR ALL DOWNSPOUTS TO STORM DRAINS.
4. ALL PENETRATIONS WHETHER INDICATED OR NOT ARE TO BE FLASHED IN ACCORDANCE W/ ROOFING MANUFACTURER'S STANDARDS AND IN A MANNER TO MAINTAIN ALL ROOFING WARRANTEES.
7. ALL ROOF DRAINS INDICATED ARE PER PLUMBING DRAWINGS.
8. PROVIDE ROOFTOP RUBBER WALKWAY PADS TO ALL/ ANY EQUIPMENT NEEDING MAINTENANCE/ ACCESS, ETC.
9. G.C. TO COORDINATE AND PROPERLY FLASH ROOF PENETRATIONS REQUIRED FOR VENTS, EXHAUST, ETC. AS NECESSARY FOR A COMPLETE JOB.

ROOFING CODE NOTES:

1503.1 GENERAL. ROOF DECKS SHALL BE COVERED WITH APPROVED ROOF COVERINGS SECURED TO THE BUILDING OR STRUCTURE IN ACCORDANCE WITH THE PROVISIONS OF THIS CHAPTER. ROOF COVERINGS SHALL BE DESIGNED, INSTALLED AND MAINTAINED IN ACCORDANCE WITH THIS CODE AND THE APPROVED MANUFACTURER'S INSTALLATION INSTRUCTIONS SUCH THAT THE ROOF COVERING SHALL SERVE TO PROTECT THE BUILDING OR STRUCTURE.

1503.2 FLASHING. FLASHING SHALL BE INSTALLED IN SUCH A MANNER AS TO PREVENT MOISTURE ENTERING THE WALL THROUGH THE JOINTS IN THE COPING, THROUGH MOISTURE-PERMEABLE MATERIAL, AT INTERSECTIONS WITH THE ROOF PLANE OR AT PARAPET WALL PENETRATIONS.

1503.2.1 LOCATIONS. FLASHING SHALL BE INSTALLED AT WALL AND ROOF INTERSECTIONS; AT GUTTERS; WHEREVER THERE IS A CHANGE IN ROOF SLOPE OR DIRECTION; AND AROUND ROOF OPENINGS. WHERE FLASHING IS OF METAL, THE METAL SHALL BE CORROSION RESISTANT WITH A THICKNESS OF NOT LESS THAN 0.019 INCH (NO. 26 GALVANIZED SHEET).

1507.2.6 FASTENERS. FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED, STAINLESS STEEL, ALUMINUM, OR COPPER ROOFING NAILS, MINIMUM 12 GAGE [0.105 INCH (2.67 MM)] SHANK WITH A MINIMUM 0.375 INCH-DIAMETER (9.5 MM) HEAD, OF A LENGTH TO PENETRATE THROUGH THE ROOFING MATERIALS AND A MINIMUM OF 0.75 INCH (19.1 MM) INTO THE ROOF SHEATHING. WHERE THE ROOF SHEATHING IS LESS THAN 0.75 INCH (19.1 MM) THICK, THE NAILS SHALL PENETRATE THROUGH THE SHEATHING.

1507.2.8.2 ICE DAM MEMBRANE. IN AREAS WHERE THE AVERAGE DAILY TEMPERATURE IN JANUARY IS 25°F (-4°C) OR LESS OR WHERE THERE IS A POSSIBILITY OF ICE FORMING ALONG THE EAVES CAUSING A BACKUP OF WATER, AN ICE BARRIER THAT CONSISTS OF AT LEAST TWO LAYERS OF UNDERLAYMENT CEMENTED TOGETHER OR OF A SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET, SHALL BE USED IN LIEU OF NORMAL UNDERLAYMENT AND EXTEND FROM THE EAVE'S EDGE TO A POINT AT LEAST 24 INCHES (610 MM) INSIDE THE EXTERIOR WALL LINE OF THE BUILDING.

1507.2.9.3 DRIP EDGE. PROVIDE DRIP EDGE AT EAVES AND GABLES OF SHINGLE ROOFS. OVERLAP TO BE A MINIMUM OF 2 INCHES (51 MM). EAVE DRIP EDGES SHALL EXTEND 0.25 INCH (6.4 MM) BELOW SHEATHING AND EXTEND BACK ON THE ROOF A MINIMUM OF 2 INCHES (51 MM). DRIP EDGE SHALL BE MECHANICALLY FASTENED A MAXIMUM OF 12 INCHES (305 MM) ON CENTER. A CRICKET OR SADDLE SHALL BE INSTALLED ON THE RIDGE SIDE OF ANY CHIMNEY GREATER THAN 30 INCHES WIDE. CRICKET OR SADDLE COVERINGS SHALL BE SHEET METAL OR OF THE SAME MATERIAL AS ROOF COVERING.

A-1 | ATTIC PLAN
1/16"=1'-0"

PROJECT NORTH

PLAN LEGEND

- NEW WALL AND DOOR
- 1 — PARTITION TYPE
- XXX / 1 — FINISH TAG
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PLAN NOTES:

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5. REFER TO UNIT TYPE SHEETS FOR FURTHER INFORMATION.

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	ISSUED FOR BID	11/12/21

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

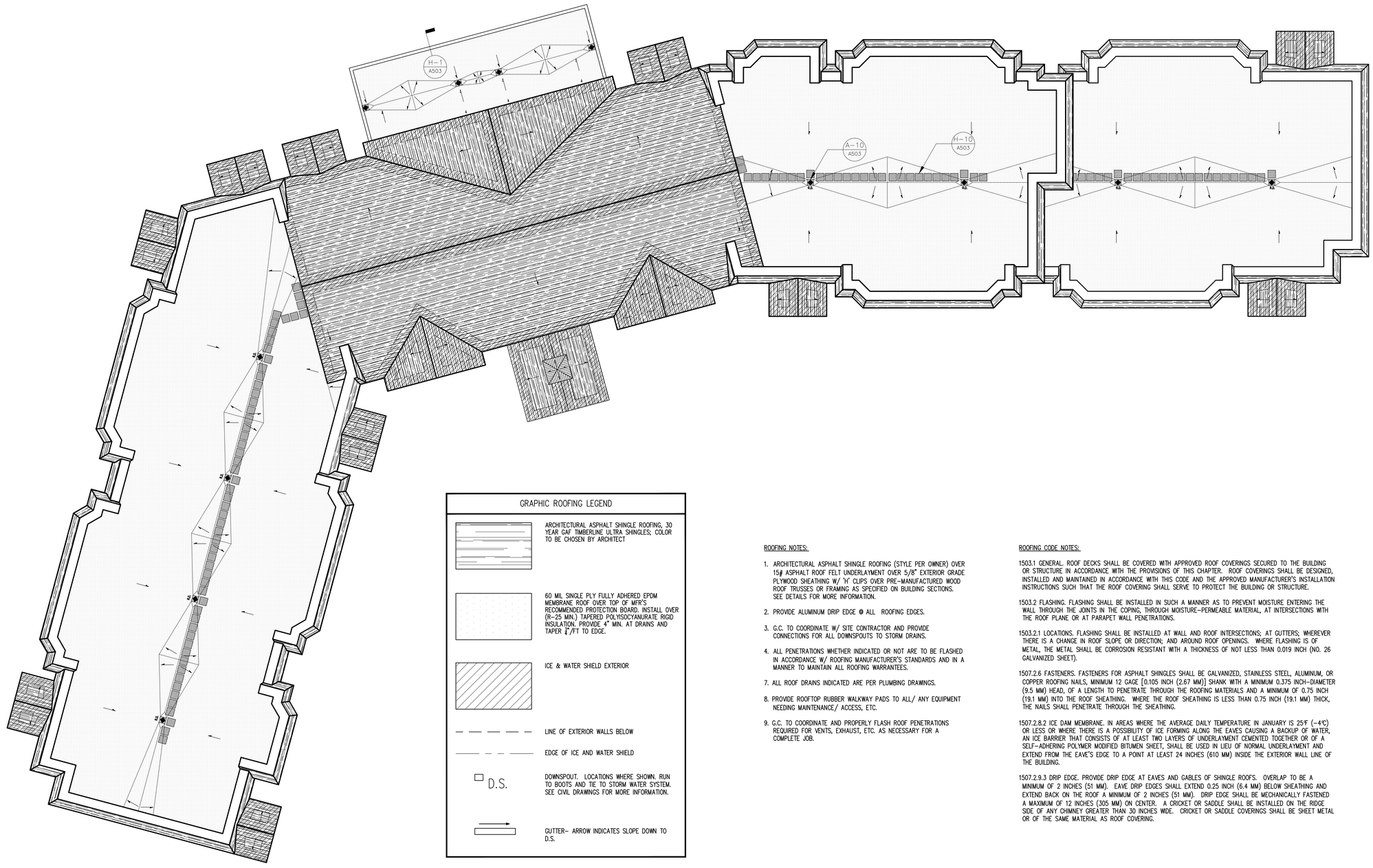
DRAWING
PROPOSED ATTIC PLAN

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11-12-21

DRAWING NUMBER
A104

FILE P:\2018\18105-SEGRE\EAST FISHKILL APARTMENTS



GRAPHIC ROOFING LEGEND

	ARCHITECTURAL ASPHALT SHINGLE ROOFING, 30 YEAR GAF TIMBERLINE ULTRA SHINGLES; COLOR TO BE CHOSEN BY ARCHITECT
	60 MIL SINGLE PLY FULLY ADHERED EPDM MEMBRANE ROOF OVER TOP OF MFR'S RECOMMENDED PROTECTION BOARD. INSTALL OVER (R-25 MIN.) TAPERED POLYISOCYANURATE RIGID INSULATION. PROVIDE 4" MIN. AT DRAINS AND TAPER ¼"/FT TO EDGE.
	ICE & WATER SHIELD EXTERIOR
	LINE OF EXTERIOR WALLS BELOW
	EDGE OF ICE AND WATER SHIELD
D.S.	DOWNSPOUT. LOCATIONS WHERE SHOWN. RUN TO BOOTS AND TIE TO STORM WATER SYSTEM. SEE CIVIL DRAWINGS FOR MORE INFORMATION.
	GUTTER- ARROW INDICATES SLOPE DOWN TO D.S.

ROOFING NOTES:

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A-1 ROOF PLAN
1/16"=1'-0"

PROJECT NORTH

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

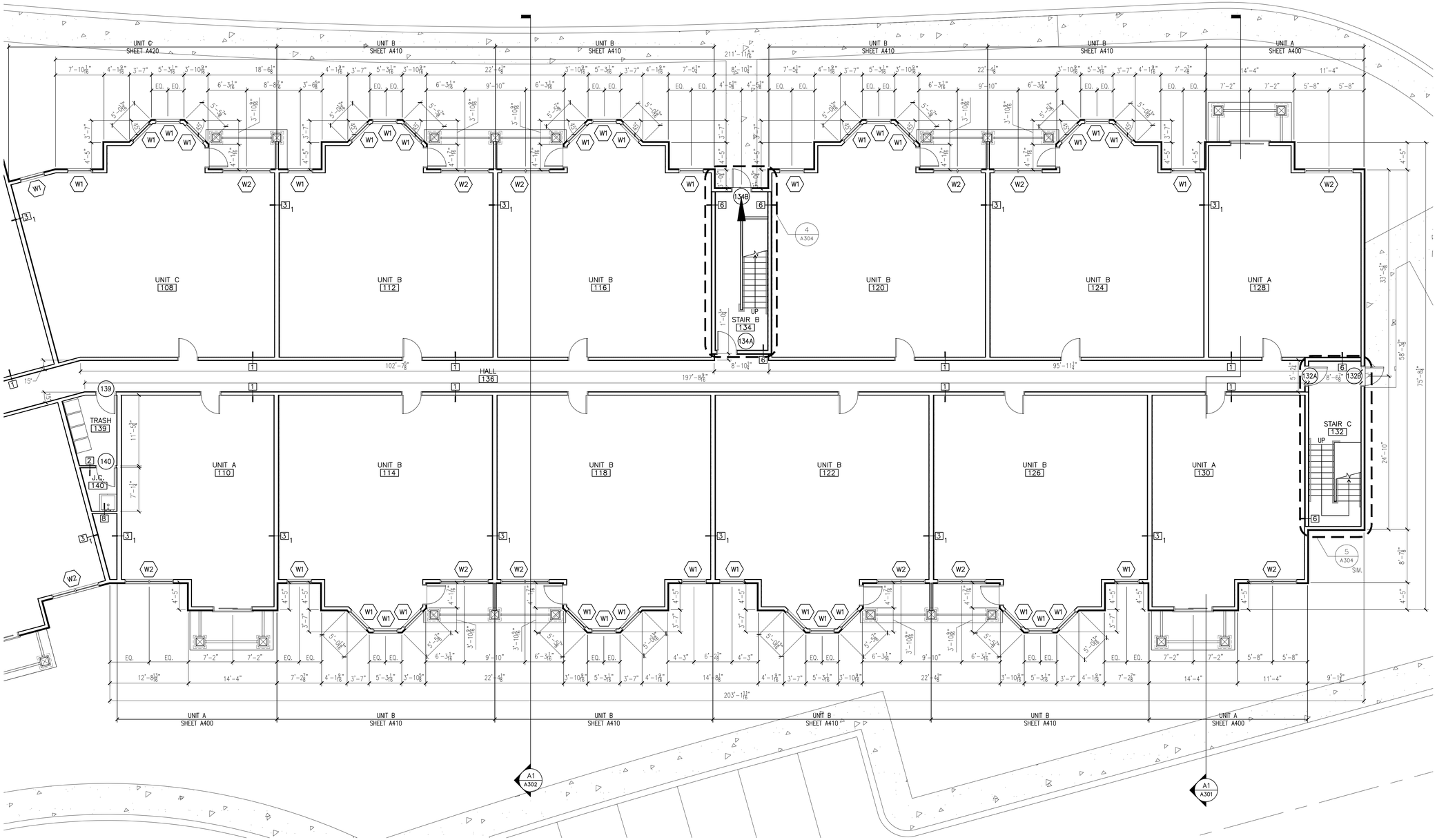
DRAWING
PROPOSED ROOF PLAN

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11-12-21

DRAWING NUMBER
A105

FILE P:\2018\18105-SEGRE\EAST FISHKILL APARTMENTS



PLAN LEGEND

- NEW WALL AND DOOR
- 1 — PARTITION TYPE
- XXX / 1 — FINISH TAG
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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

DRAWING
PROPOSED PARTIAL GROUND FLOOR PLAN – RIGHT WING

SEAL: REGISTERED ARCHITECT — MICHAEL T.J. McCORMACK — No. 018322-1 — STATE OF NEW YORK

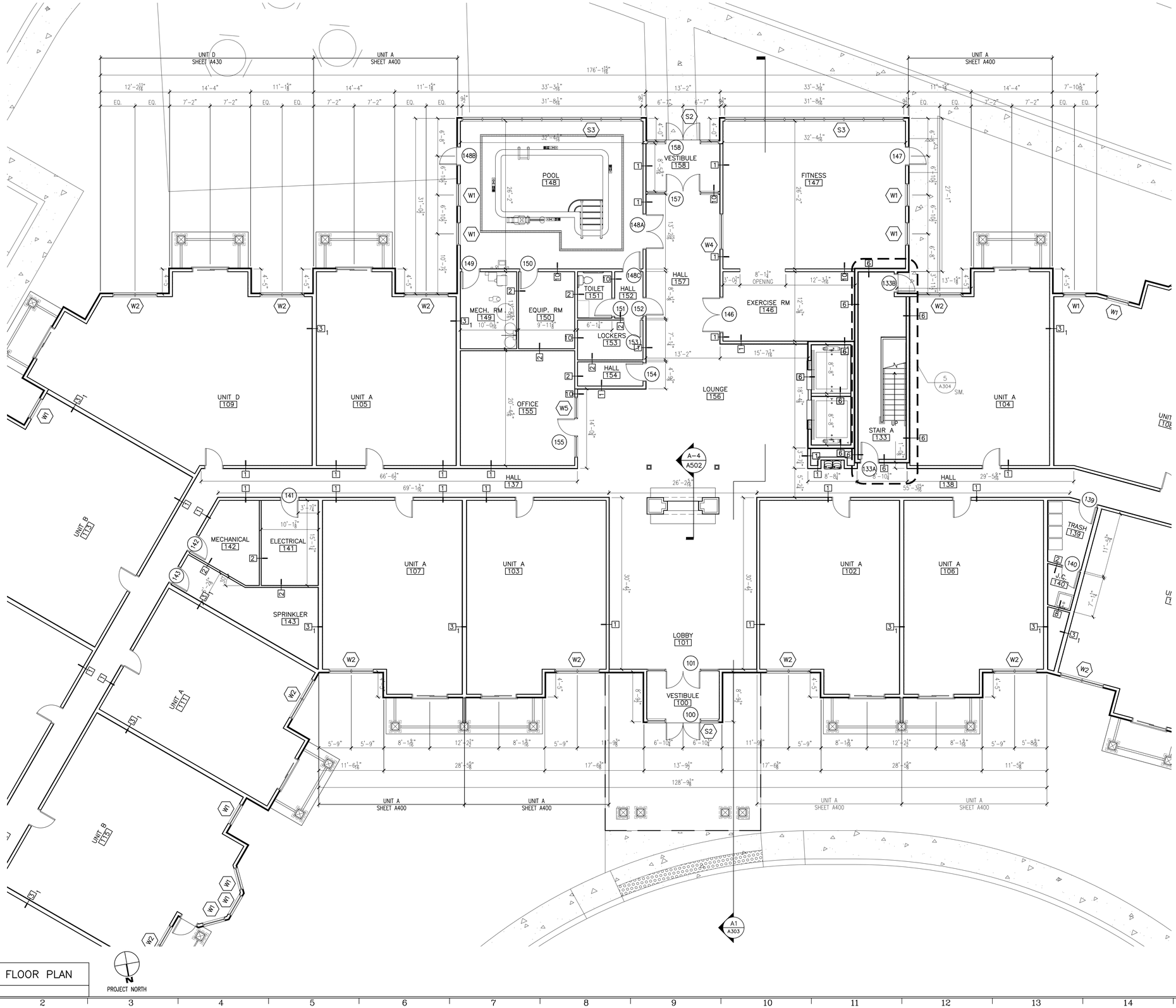
DRAWN BY	PROJECT NUMBER
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DRAWING NUMBER
A110

FILE P:\2018\18105-SEGRETI EAST FISHKILL APARTMENTS

A-1 | PARTIAL FLOOR PLAN
1/8"=1'-0"

PROJECT NORTH



A–1 | PARTIAL FLOOR PLAN
1/8"=1'–0"

PLAN LEGEND

- NEW WALL AND DOOR
- 1 — PARTITION TYPE
- XXX / 1 — FINISH TAG
- ROOMNAME / 101 — ROOM TAG
- 134A — DOOR TAG
- W1 — WINDOW TAG
- DIM. — DIMENSIONS TYP. TO FRAMING U.N.O.

PLAN NOTES:

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4. REFER TO SHEETS A304 & A501 FOR STAIR & ELEVATOR PLANS AND DETAILS.
5. REFER TO UNIT TYPE SHEETS FOR FURTHER INFORMATION.

No.	REVISION/SUBMISSION	DATE
	ISSUED FOR BID	11/12/21

Connolly Engineering, PLLC
36 Grist Mill Lane
Pleasant Valley, NY 12569
845.635.1444
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www.connollyengineering.com

BLAKE ENGINEERING PLLC
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MATTHEW G. BLAKE, P.E., LEED AP
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MA – 53197 CT – 32283 FL – 85928

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ARCHITECTURE PLANNING INTERIORS
181 CHURCH STREET
POUGHKEEPSIE, NEW YORK 12601
PHONE 845-452-2268 FAX 845-452-3752

PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

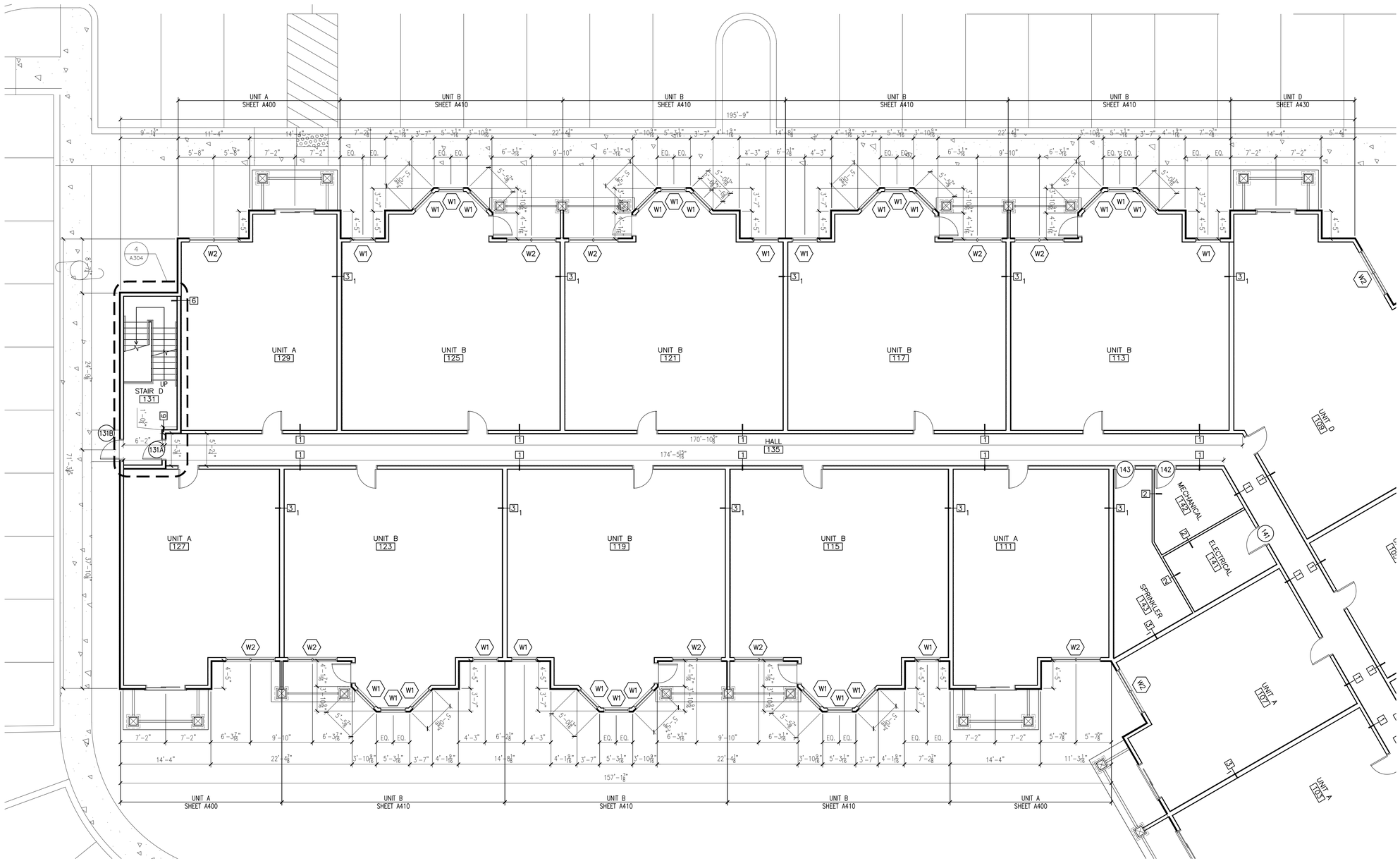
DRAWING
PROPOSED PARTIAL GROUND FLOOR PLAN – CENTER SECTION

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11–12–21

DRAWING NUMBER
A111

FILE P:\2018\18105-SEGRETI EAST FISHKILL APARTMENTS



A–1 | PARTIAL FLOOR PLAN
1/8"=1'–0"

PLAN LEGEND

- NEW WALL AND DOOR
- 1 — PARTITION TYPE
- XXX / 1 — FINISH TAG
- ROOMNAME / 101 — ROOM TAG
- 134A — DOOR TAG
- W1 — WINDOW TAG
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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

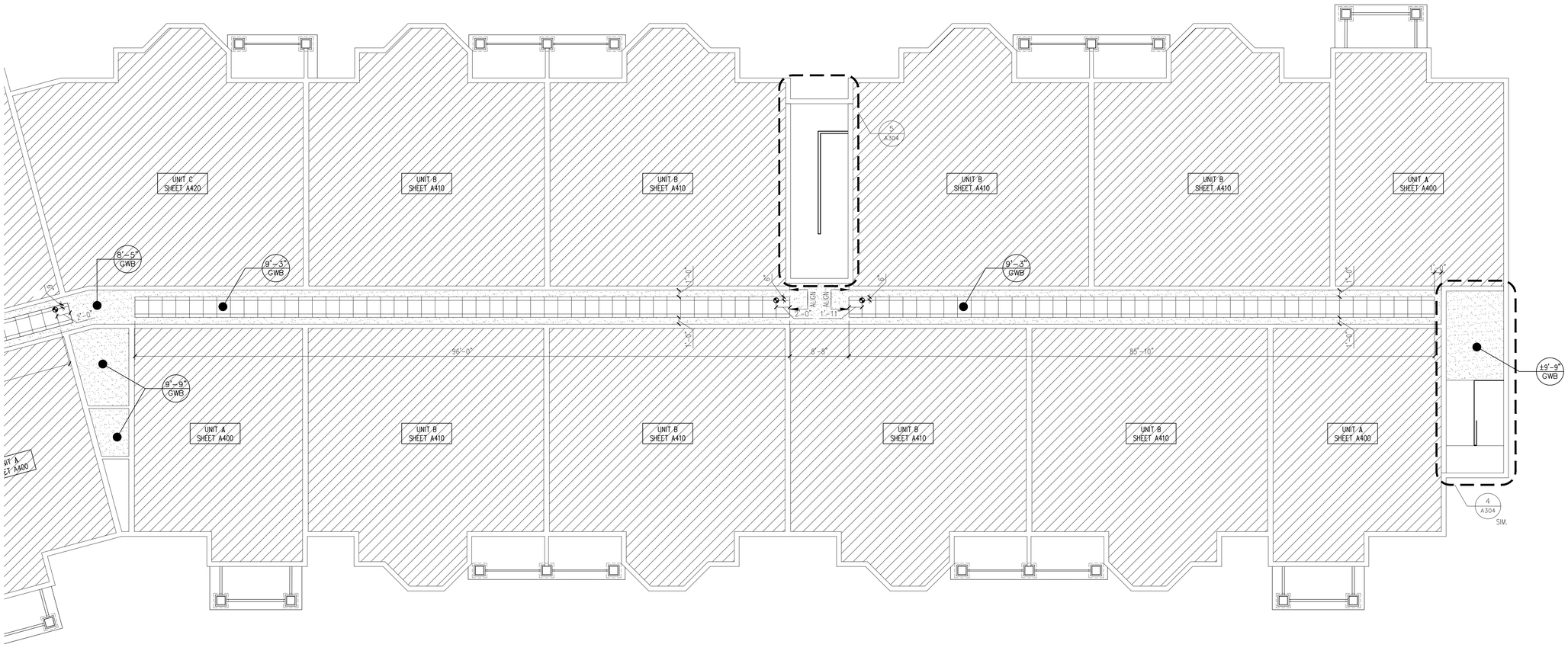
DRAWING
PROPOSED PARTIAL GROUND FLOOR PLAN – LEFT WING

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11–12–21

DRAWING NUMBER
A112

FILE P:\2018\18105-SEGRET EAST FISHKILL APARTMENTS



A-1 | PARTIAL FLOOR PLAN
1/8"=1'-0"

PROJECT NORTH

REFLECTED CEILING LEGEND

- BEAD BOARD PANEL CEILING
- UNIT PLAN AREA SEE A400-A450
- 2X2 ACT CEILING TILES
- PAINTED GYPSUM BOARD
- DIM. — DIMENSIONS TYP. TO FRAMING U.N.O.
- STARTING POINT FOR CEILING TILE
- 8'-5" GWB — CEILING HEIGHT MARKER

No.	REVISION/SUBMISSION	DATE
	ISSUED FOR BID	11/12/21

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

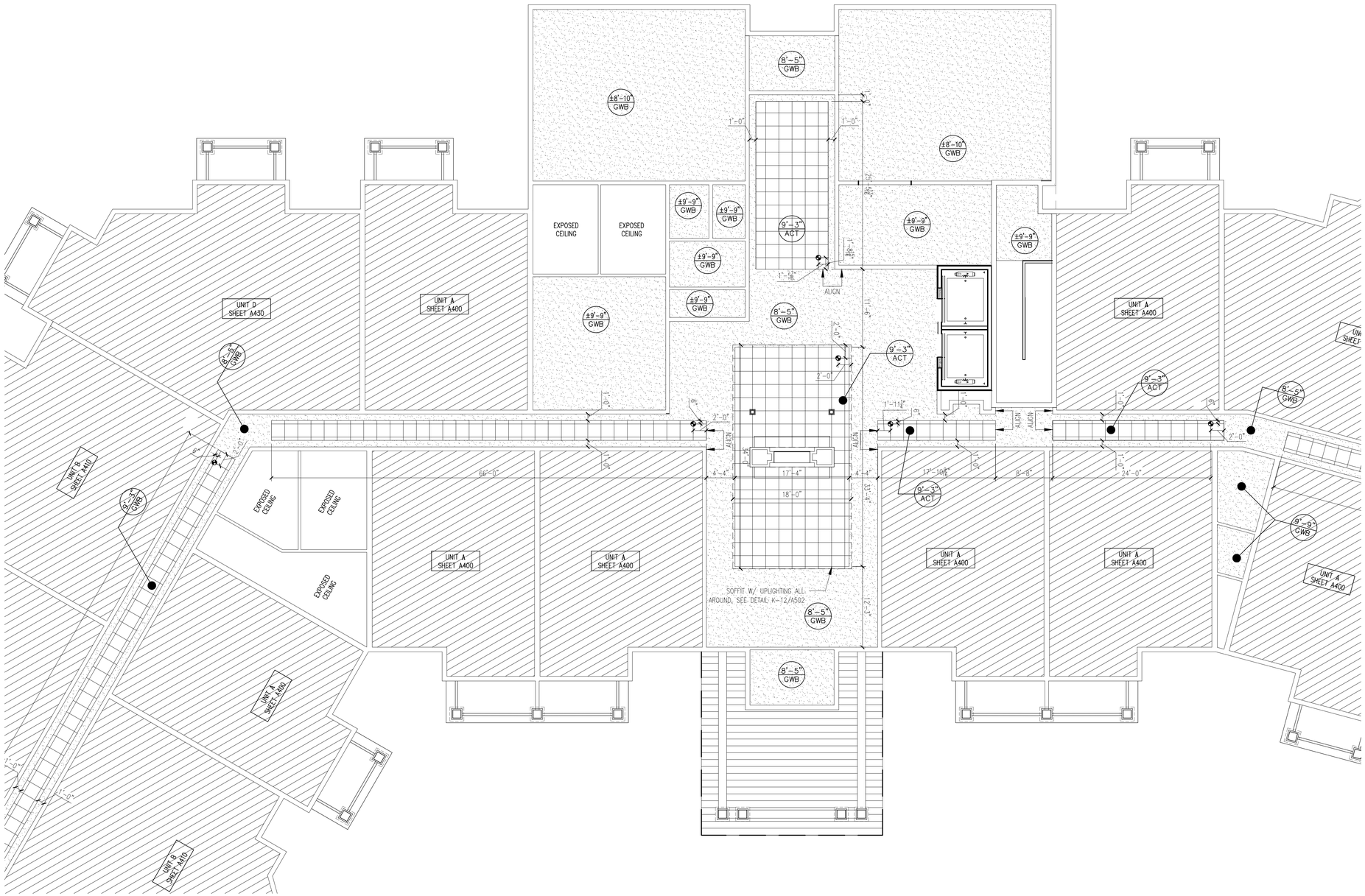
DRAWING
REFLECTED CEILING PLAN: PARTIAL GROUND FLOOR - RIGHT WING

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11-12-21

DRAWING NUMBER
A113

FILE P:\2018\18105-SEGRETI EAST FISHKILL APARTMENTS



A-1 | PARTIAL FLOOR PLAN
1/8"=1'-0"

PROJECT NORTH

REFLECTED CEILING LEGEND

- BEAD BOARD PANEL CEILING
- UNIT PLAN AREA SEE A400–A450
- 2X2 ACT CEILING TILES
- PAINTED GYPSUM BOARD
- DIM. DIMENSIONS TYP. TO FRAMING U.N.O.
- STARTING POINT FOR CEILING TILE
- 8'-5" GWB CEILING HEIGHT MARKER

No.	REVISION/SUBMISSION	DATE
	ISSUED FOR BID	11/12/21

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

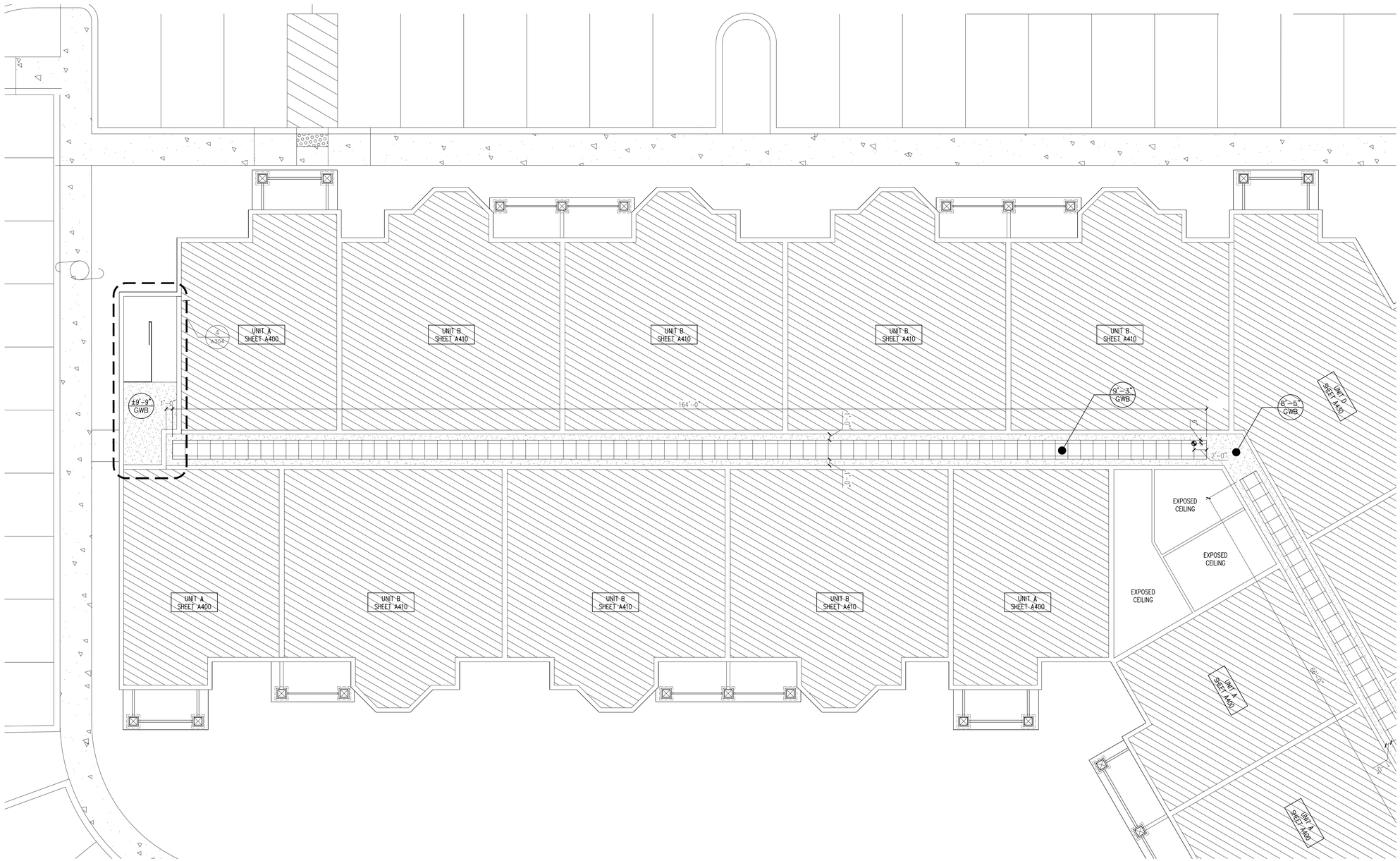
DRAWING
REFLECTED CEILING PLAN: GROUND FLOOR – CENTER SECTION

SEAL: REGISTERED ARCHITECT MICHAEL J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11-12-21

DRAWING NUMBER
A114

FILE P:\2018\18105-SEGRETI EAST FISHKILL APARTMENTS



A—1 | PARTIAL FLOOR PLAN
1/8"=1'-0"

N
PROJECT NORTH

REFLECTED CEILING LEGEND

- BEAD BOARD PANEL CEILING
- UNIT PLAN AREA SEE A400–A450
- 2X2 ACT CEILING TILES
- PAINTED GYPSUM BOARD
- DIM. — DIMENSIONS TYP. TO FRAMING U.N.O.
- STARTING POINT FOR CEILING TILE
- 8'–5" GWB — CEILING HEIGHT MARKER

No.	REVISION/SUBMISSION	DATE
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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

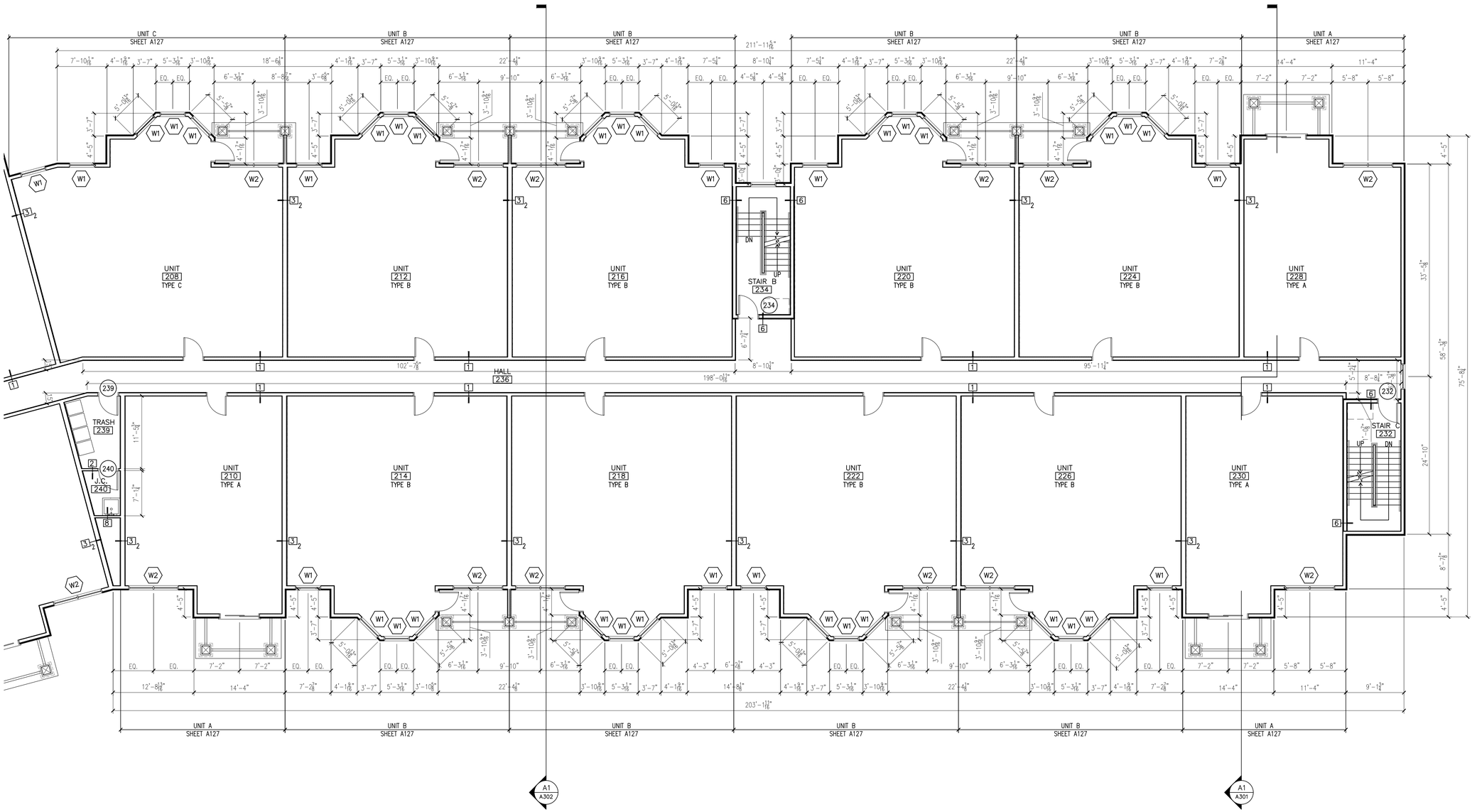
DRAWING
REFLECTED CEILING PLAN: GROUND FLOOR – LEFT WING

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11–12–21

DRAWING NUMBER
A115

FILE P:\2018\18105-SEGRETI EAST FISHKILL APARTMENTS



PLAN LEGEND

- NEW WALL AND DOOR
- 1 — PARTITION TYPE
- XXX / 1 — FINISH TAG
- ROOMNAME / 101 — ROOM TAG
- 134A — DOOR TAG
- W1 — WINDOW TAG
- DIM. — DIMENSIONS TYP. TO FRAMING U.N.O.

PLAN NOTES:

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

DRAWING
PROPOSED PARTIAL SECOND FLOOR PLAN – RIGHT WING

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

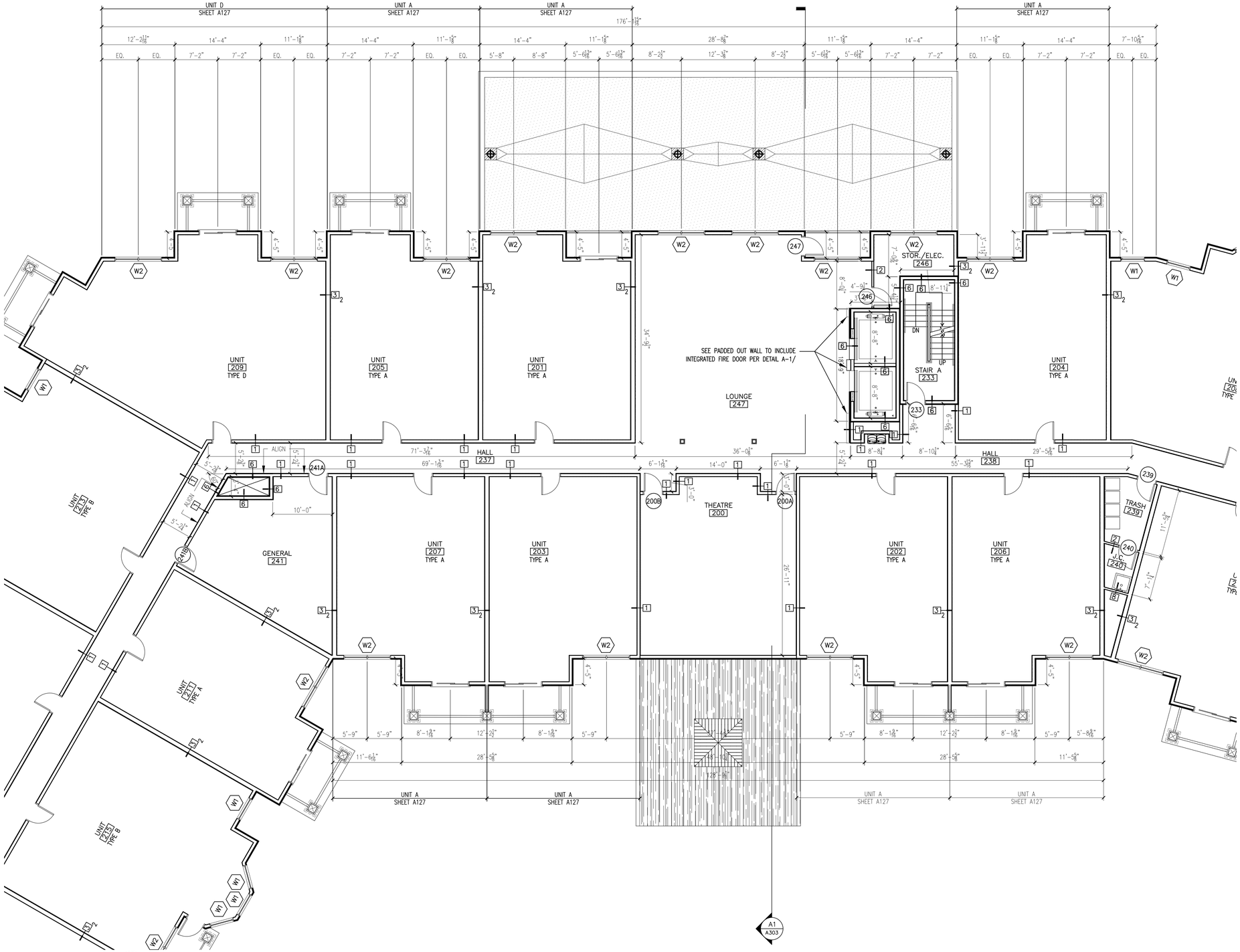
DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11-12-21

DRAWING NUMBER
A120

FILE P:\2018\18105-SEGRETI EAST FISHKILL APARTMENTS

A-1 PARTIAL FLOOR PLAN
1/8"=1'-0"

PROJECT NORTH



A-1 PARTIAL FLOOR PLAN

1/8"=1'-0"

PLAN LEGEND

- NEW WALL AND DOOR
- 1 — PARTITION TYPE
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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

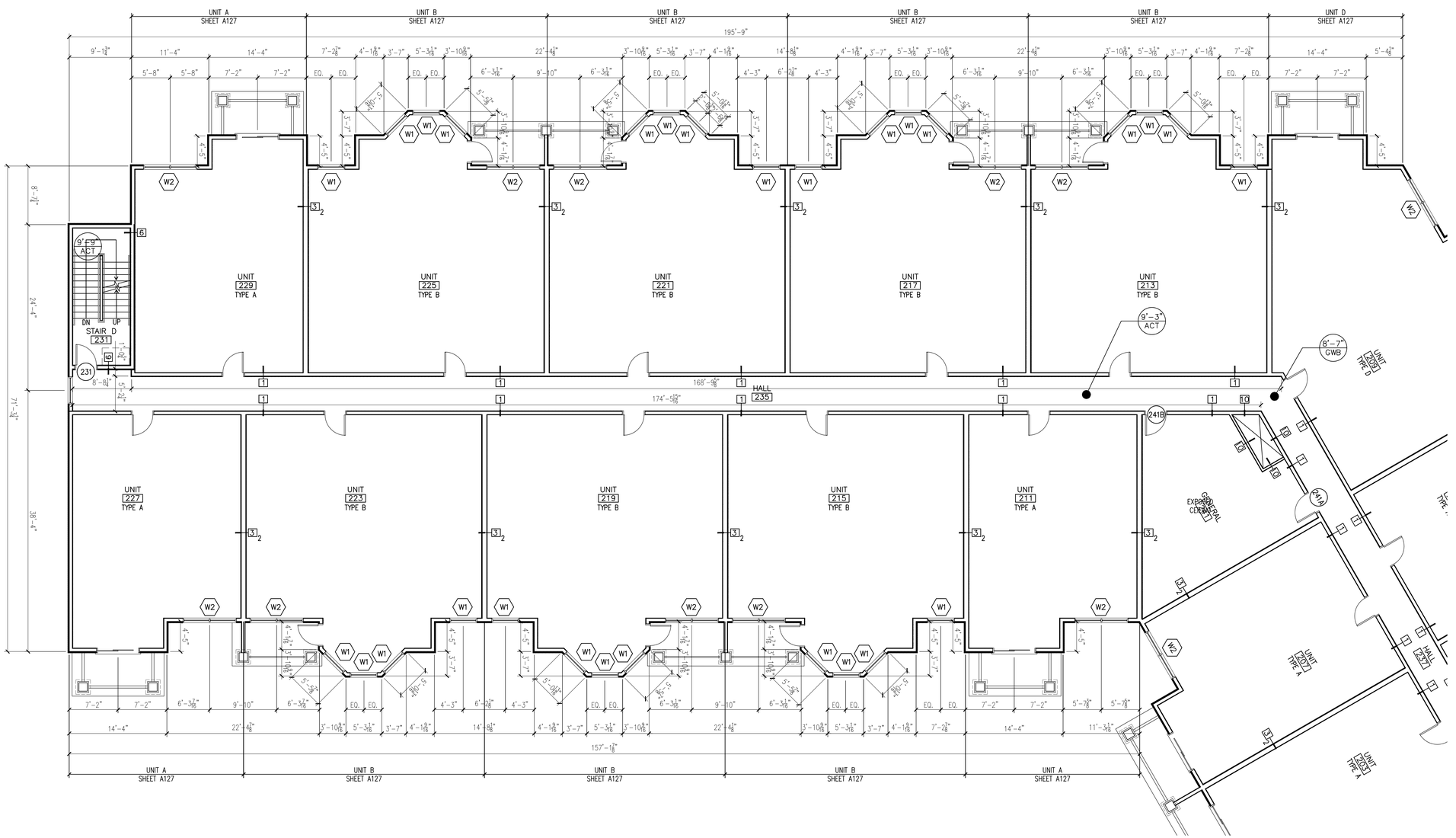
DRAWING
PROPOSED PARTIAL SECOND FLOOR PLAN – CENTER SECTION

SEAL: REGISTERED ARCHITECT, MICHAEL T.J. McCORMACK, No. 018322-1, STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11-12-21

DRAWING NUMBER
A121

FILE P:\2018\18105-SEGRETI EAST FISHKILL APARTMENTS



PLAN LEGEND

- NEW WALL AND DOOR
- 1 — PARTITION TYPE
- XXX / 1 — FINISH TAG
- ROOMNAME / 101 — ROOM TAG
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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

DRAWING
PROPOSED PARTIAL SECOND FLOOR PLAN – LEFT WING

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

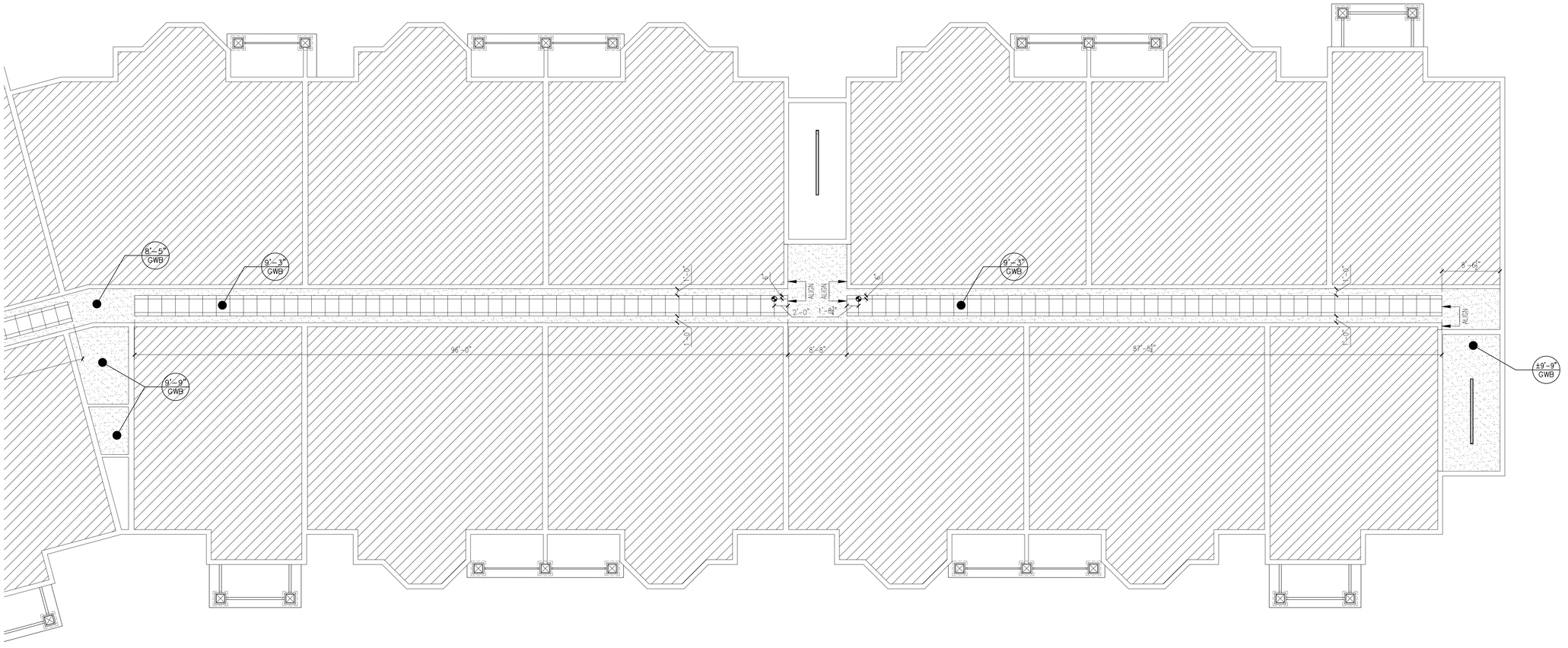
DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11-12-21

DRAWING NUMBER: A122

FILE: P:\2018\18105-SEGRET EAST FISHKILL APARTMENTS

A-1 PARTIAL FLOOR PLAN
1/8"=1'-0"

PROJECT NORTH



A-1 | PARTIAL FLOOR PLAN
1/8"=1'-0"

PROJECT NORTH

REFLECTED CEILING LEGEND

- BEAD BOARD PANEL CEILING
- UNIT PLAN AREA SEE A400-A450
- 2X2 ACT CEILING TILES
- PAINTED GYPSUM BOARD
- DIM. — DIMENSIONS TYP. TO FRAMING U.N.O.
- STARTING POINT FOR CEILING TILE
- 8'-5" GWB — CEILING HEIGHT MARKER

No.	REVISION/SUBMISSION	DATE
	ISSUED FOR BID	11/12/21

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

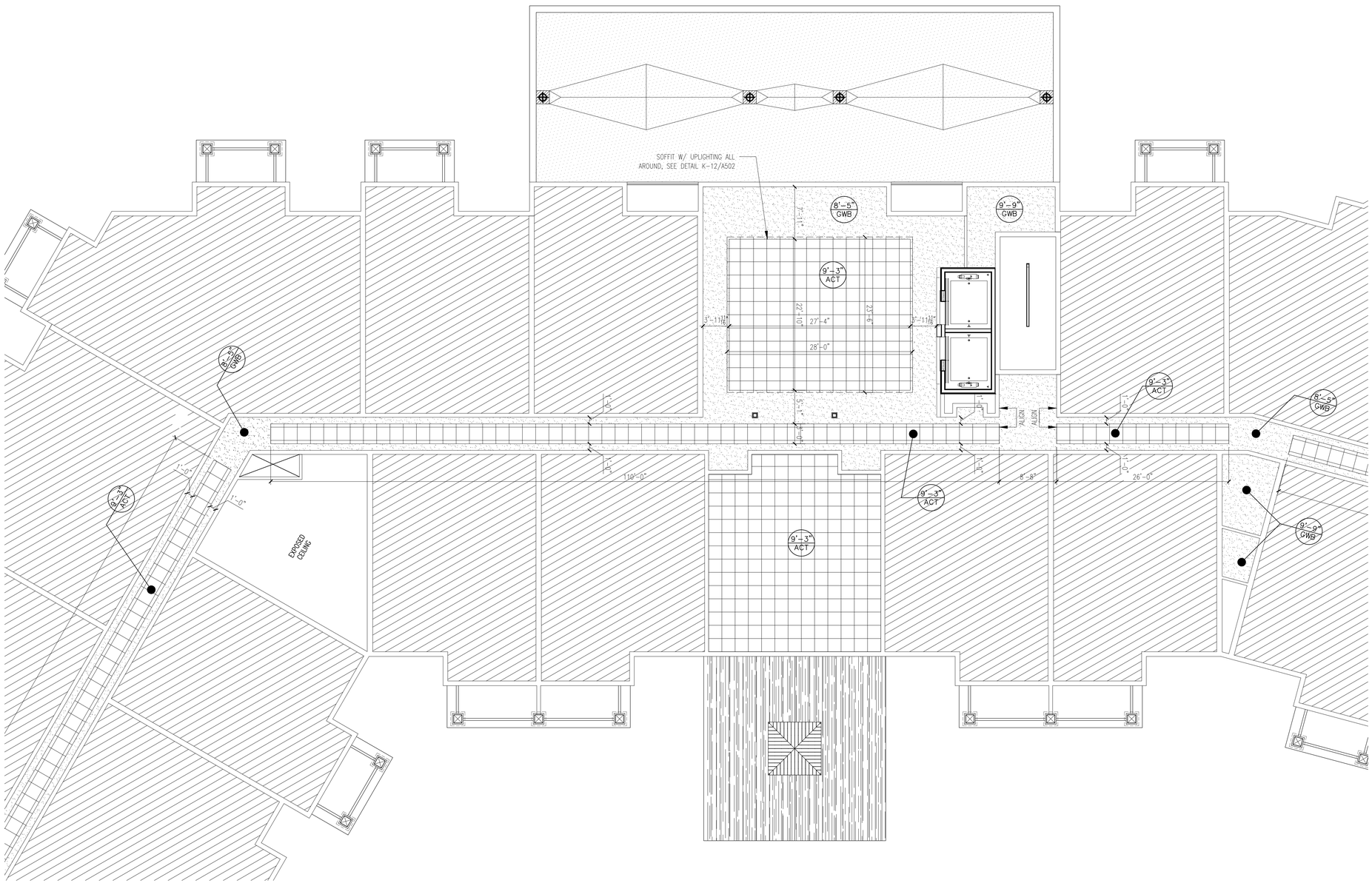
DRAWING
REFLECTED CEILING PLAN: SECOND FLOOR - RIGHT WING

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11-12-21

DRAWING NUMBER
A123

FILE P:\2018\18105-SEGRETI EAST FISHKILL APARTMENTS



A-1	PARTIAL FLOOR PLAN
1/8"=1'-0"	

PROJECT NORTH

REFLECTED CEILING LEGEND

- BEAD BOARD PANEL CEILING
- UNIT PLAN AREA SEE A400-A450
- 2X2 ACT CEILING TILES
- PAINTED GYPSUM BOARD
- DIM. — DIMENSIONS TYP. TO FRAMING U.N.O.
- STARTING POINT FOR CEILING TILE
- 8'-5" GWB — CEILING HEIGHT MARKER

No.	REVISION/SUBMISSION	DATE
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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

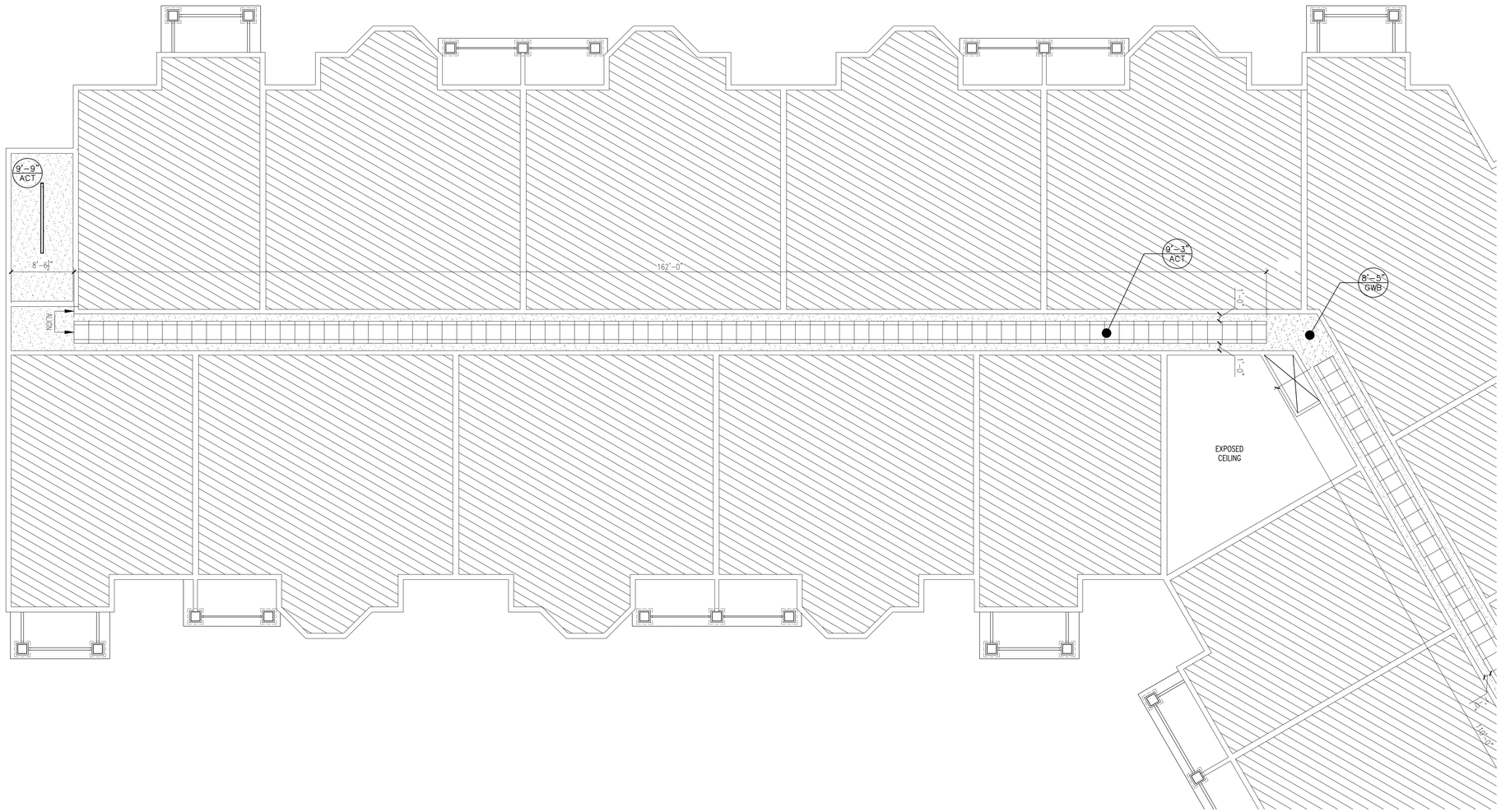
DRAWING
REFLECTED CEILING PLAN: SECOND FLOOR - CENTER SECTION

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11-12-21

DRAWING NUMBER
A124

FILE P:\2018\18105-SEGRETI EAST FISHKILL APARTMENTS



A-1 | PARTIAL FLOOR PLAN
1/8"=1'-0"

N
PROJECT NORTH

REFLECTED CEILING LEGEND

- BEAD BOARD PANEL CEILING
- UNIT PLAN AREA SEE A400-A450
- 2X2 ACT CEILING TILES
- PAINTED GYPSUM BOARD
- DIM. DIMENSIONS TYP. TO FRAMING U.N.O.
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- 8'-5" GWB CEILING HEIGHT MARKER

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672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

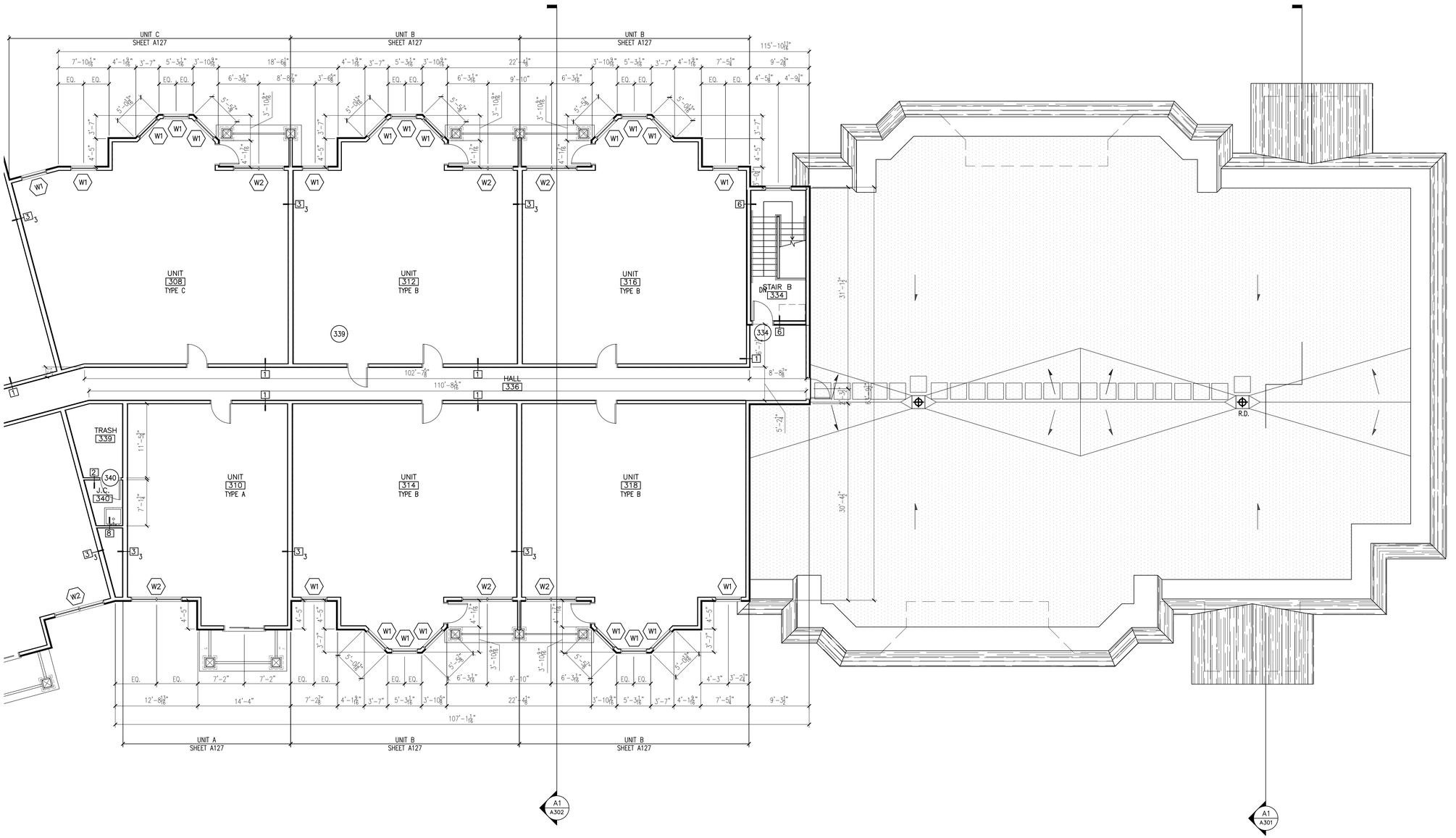
DRAWING
REFLECTED CEILING PLAN: SECOND FLOOR - LEFT WING

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11-12-21

DRAWING NUMBER
A125

FILE P:\2018\18105-SEGRETI EAST FISHKILL APARTMENTS



A—1	PARTIAL FLOOR PLAN
1/8"=1'-0"	

PROJECT NORTH

PLAN LEGEND

- NEW WALL AND DOOR
- 1 — PARTITION TYPE
- XXX / 1 — FINISH TAG
- ROOMNAME / 101 — ROOM TAG
- 134A — DOOR TAG
- W1 — WINDOW TAG
- DIM. — DIMENSIONS TYP. TO FRAMING U.N.O.

PLAN NOTES:

1. ALL RESIDENTIAL UNITS (EXCEPT THOSE NOTED AS ACCESSIBLE TYPE A) ARE TYPE B ACCESSIBLE UNITS AND ARE TO MEET ALL CODE REQUIREMENTS.
2. REFER TO ELEVATIONS AND WALL SECTIONS FOR DETAILS AND FURTHER INFORMATION.
3. ALL RESIDENTIAL UNITS TO HAVE MARBLE SADDLE/TRANSITION AT BATH ENTRY DOORS.
4. REFER TO SHEETS A304 & A501 FOR STAIR & ELEVATOR PLANS AND DETAILS.
5. REFER TO UNIT TYPE SHEETS FOR FURTHER INFORMATION.

No.	REVISION/SUBMISSION	DATE
	ISSUED FOR BID	11/12/21

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POUGHKEEPSIE, NEW YORK 12601
PHONE 845-452-2268 FAX 845-452-3752

PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

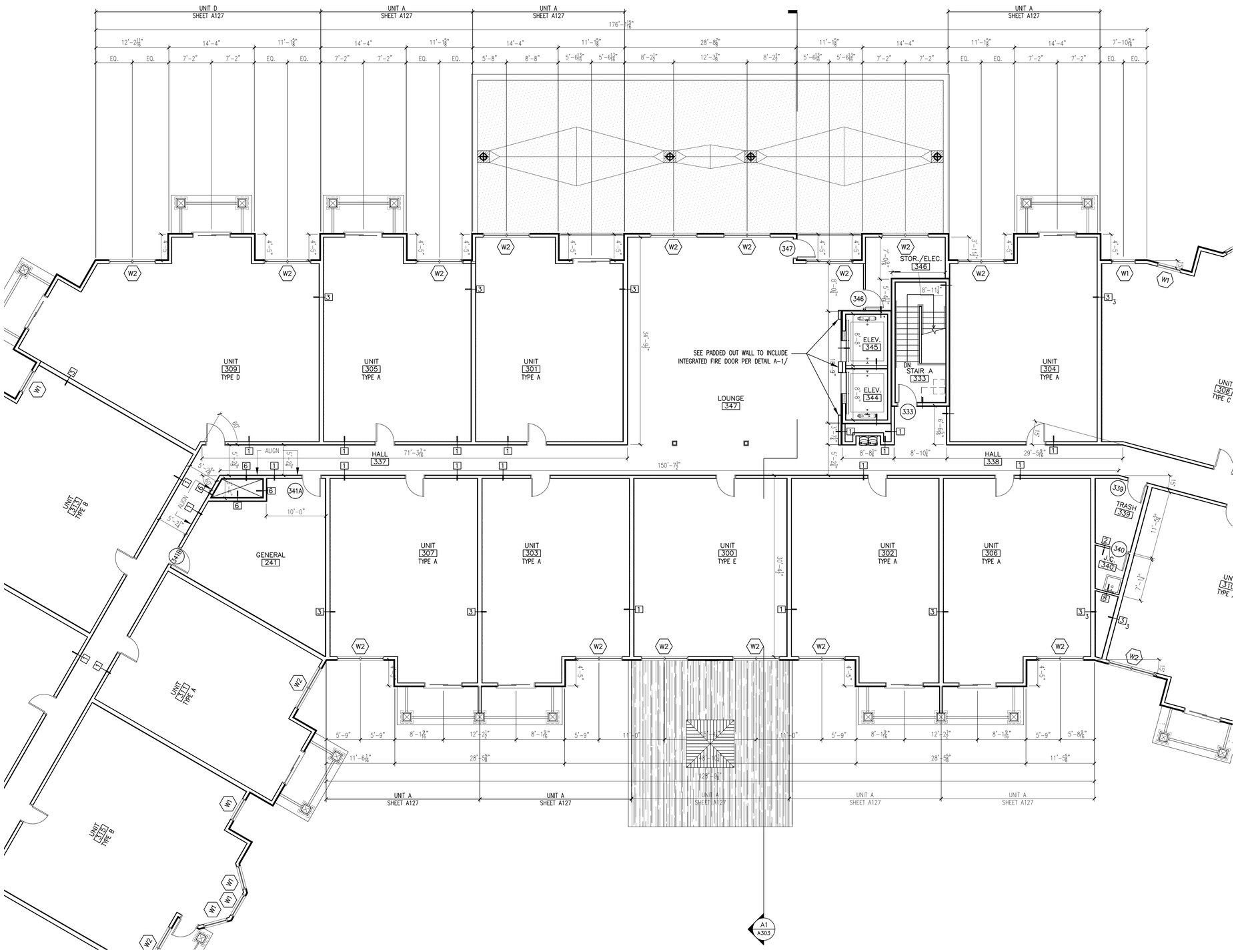
DRAWING
PROPOSED PARTIAL THIRD FLOOR PLAN – RIGHT WING

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11-12-21

DRAWING NUMBER
A130

FILE P:\2018\18105-SEGRETI EAST FISHKILL APARTMENTS



A-1 PARTIAL FLOOR PLAN
1/8"=1'-0"

PLAN LEGEND

- NEW WALL AND DOOR
- 1 — PARTITION TYPE
- XXX / 1 — FINISH TAG
- ROOMNAME / 101 — ROOM TAG
- 134A — DOOR TAG
- W1 — WINDOW TAG
- DIM. — DIMENSIONS TYP. TO FRAMING U.N.O.

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PROJECT
HOPEWELL SENIOR LIVING
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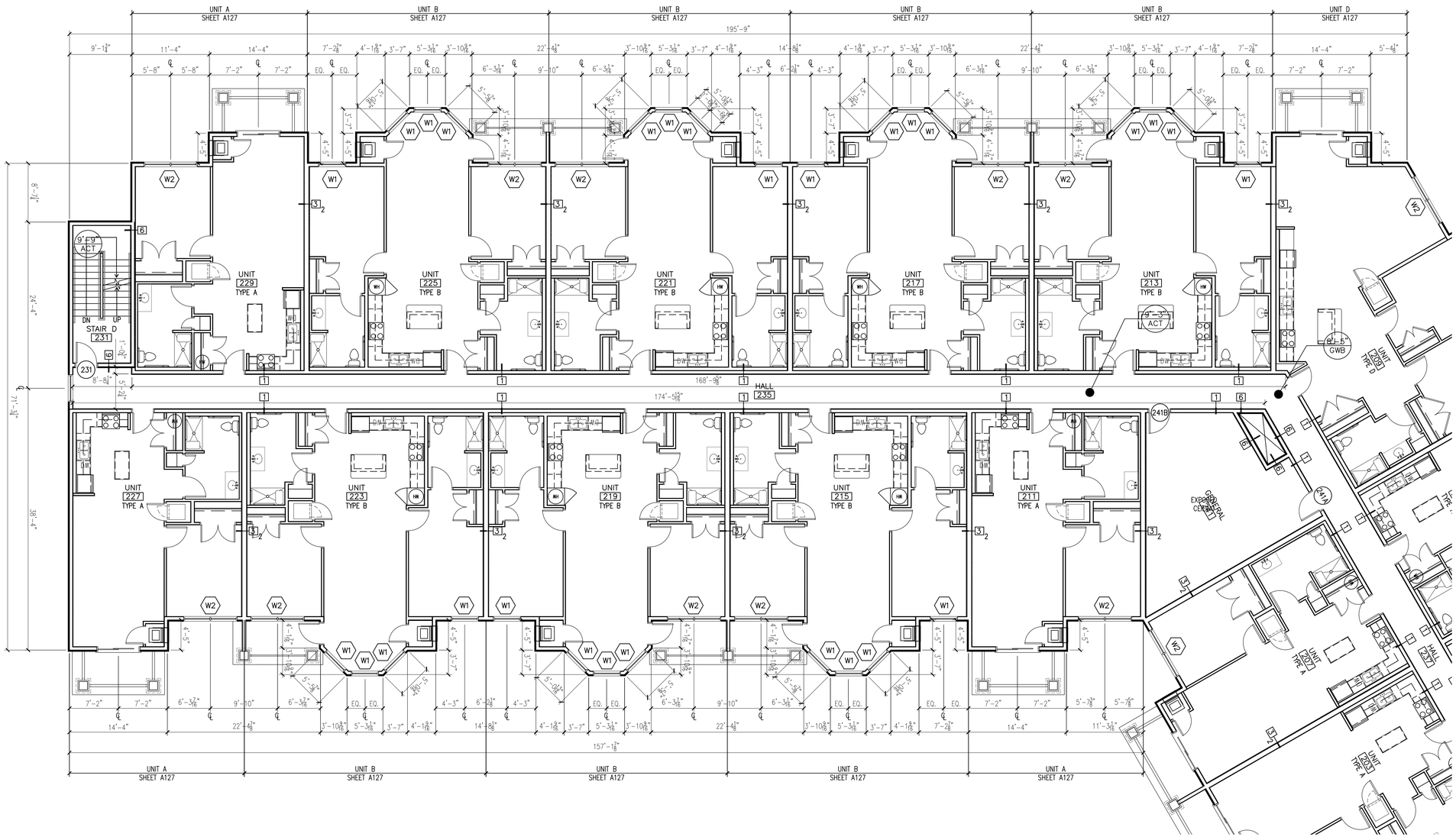
DRAWING
PROPOSED PARTIAL THIRD FLOOR PLAN - CENTER SECTION

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11-12-21

DRAWING NUMBER
A131

FILE P:\2018\18105-SEGRETI EAST FISHKILL APARTMENTS



A—1	PARTIAL FLOOR PLAN
1/8"=1'—0"	

PROJECT NORTH

PLAN LEGEND

- NEW WALL AND DOOR
- 1 — PARTITION TYPE
- XXX / 1 — FINISH TAG
- ROOMNAME / 101 — ROOM TAG
- 134A — DOOR TAG
- W1 — WINDOW TAG
- DIM. — DIMENSIONS TYP. TO FRAMING U.N.O.

PLAN NOTES:

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PROJECT
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HOPEWELL JUNCTION, N.Y.

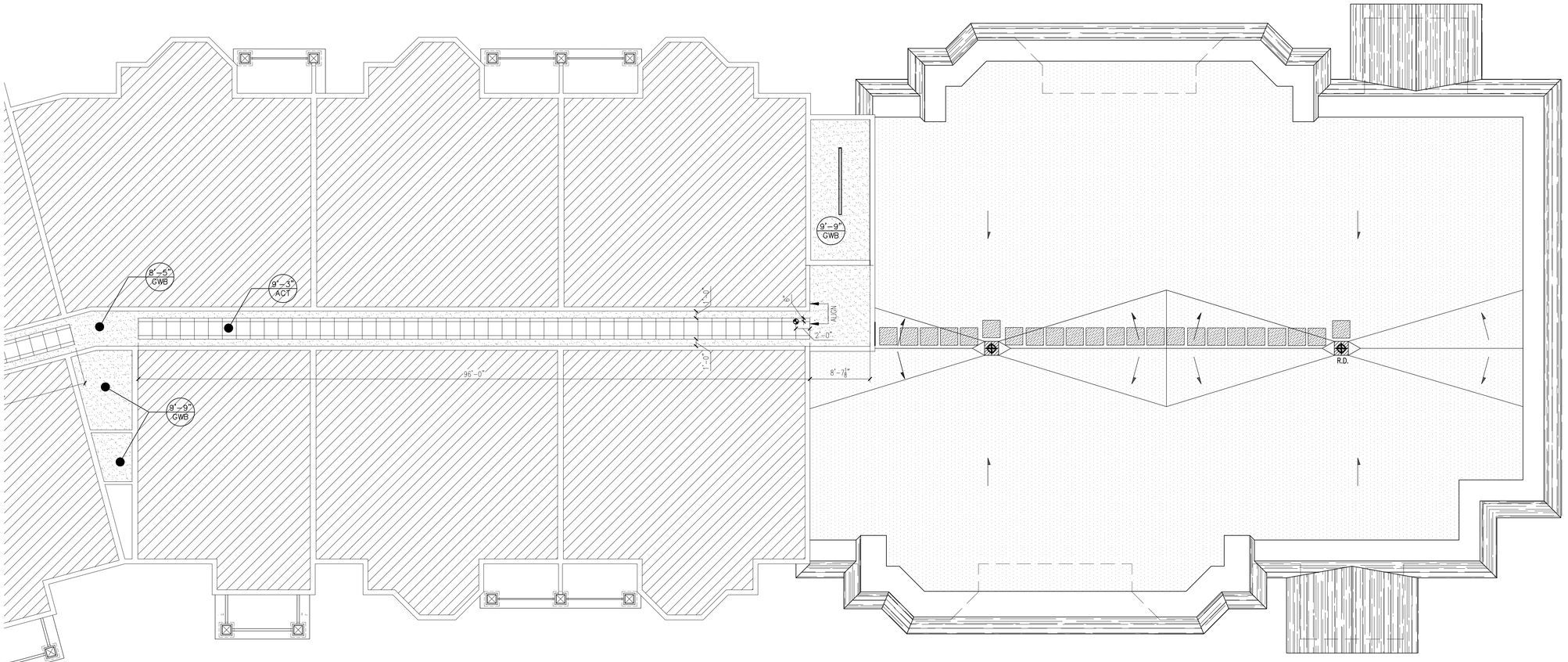
DRAWING
PROPOSED PARTIAL THIRD FLOOR PLAN – LEFT WING

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11–12–21

DRAWING NUMBER
A132

FILE P:\2018\18105-SEGRETI EAST FISHKILL APARTMENTS



A-1 | PARTIAL FLOOR PLAN
1/8"=1'-0"

PROJECT NORTH

REFLECTED CEILING LEGEND

- BEAD BOARD PANEL CEILING
- UNIT PLAN AREA SEE A400-A450
- 2X2 ACT CEILING TILES
- PAINTED GYPSUM BOARD
- DIM. DIMENSIONS TYP. TO FRAMING U.N.O.
- STARTING POINT FOR CEILING TILE
- 8'-5" GWB CEILING HEIGHT MARKER

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

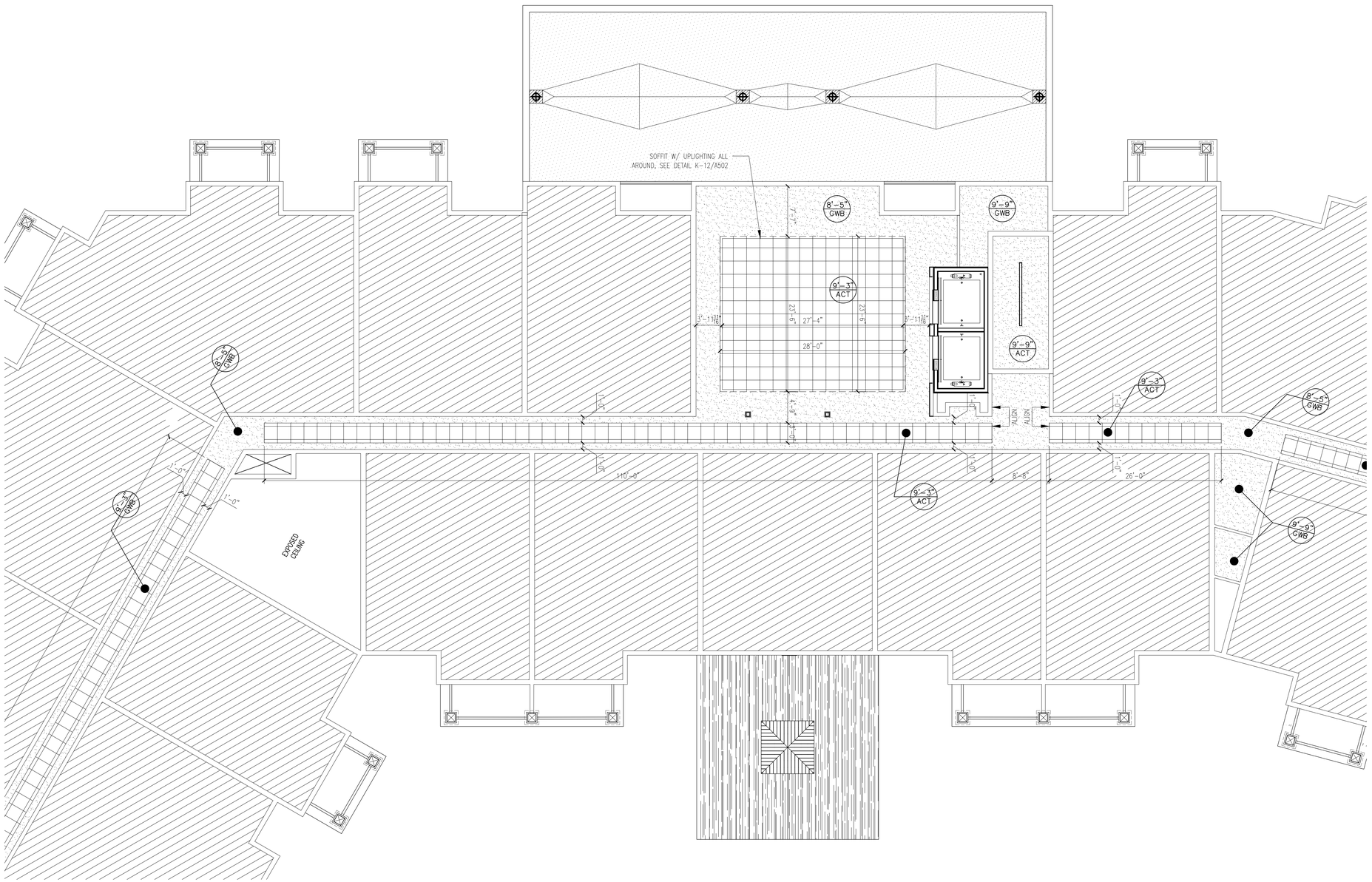
DRAWING
REFLECTED CEILING PLAN: THIRD FLOOR - RIGHT WING

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11-12-21

DRAWING NUMBER
A133

FILE P:\2018\18105-SEGRETI EAST FISHKILL APARTMENTS



A-1 | PARTIAL FLOOR PLAN
1/8"=1'-0"

PROJECT NORTH

REFLECTED CEILING LEGEND

- BEAD BOARD PANEL CEILING
- UNIT PLAN AREA SEE A400-A450
- 2X2 ACT CEILING TILES
- PAINTED GYPSUM BOARD
- DIM. DIMENSIONS TYP. TO FRAMING U.N.O.
- STARTING POINT FOR CEILING TILE
- 8'-5" GWB CEILING HEIGHT MARKER

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

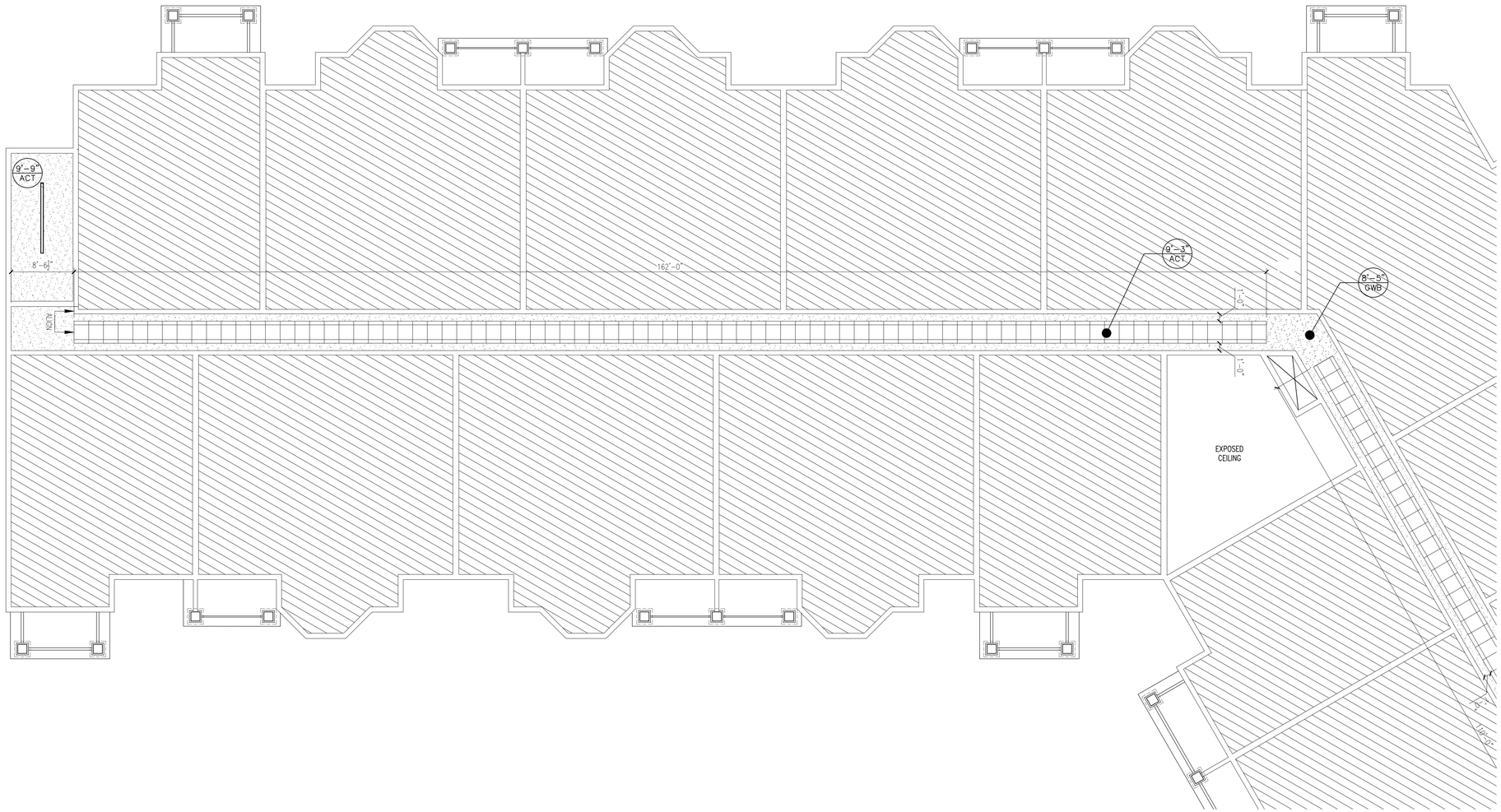
DRAWING
REFLECTED CEILING PLAN: THIRD FLOOR - CENTER SECTION

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11-12-21

DRAWING NUMBER
A134

FILE P:\2018\18105-SEGRETI EAST FISHKILL APARTMENTS



A-1 | PARTIAL FLOOR PLAN
1/8"=1'-0"

N
PROJECT NORTH

REFLECTED CEILING LEGEND

- BEAD BOARD PANEL CEILING
- UNIT PLAN AREA SEE A400-A450
- 2X2 ACT CEILING TILES
- PAINTED GYPSUM BOARD
- DIM. — DIMENSIONS TYP. TO FRAMING U.N.O.
- STARTING POINT FOR CEILING TILE
- 8'-5" GWB — CEILING HEIGHT MARKER

No.	REVISION/SUBMISSION	DATE
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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

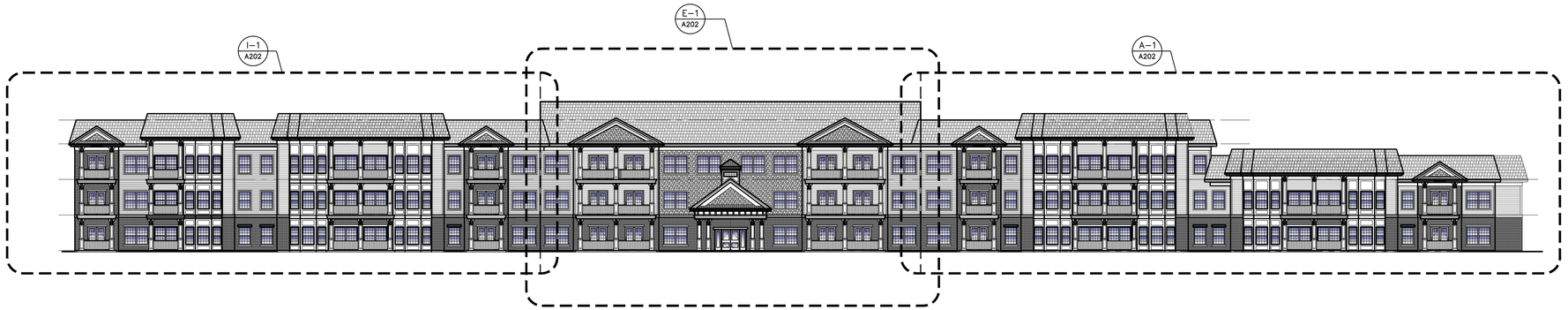
DRAWING
REFLECTED CEILING PLAN: THIRD FLOOR - LEFT WING

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

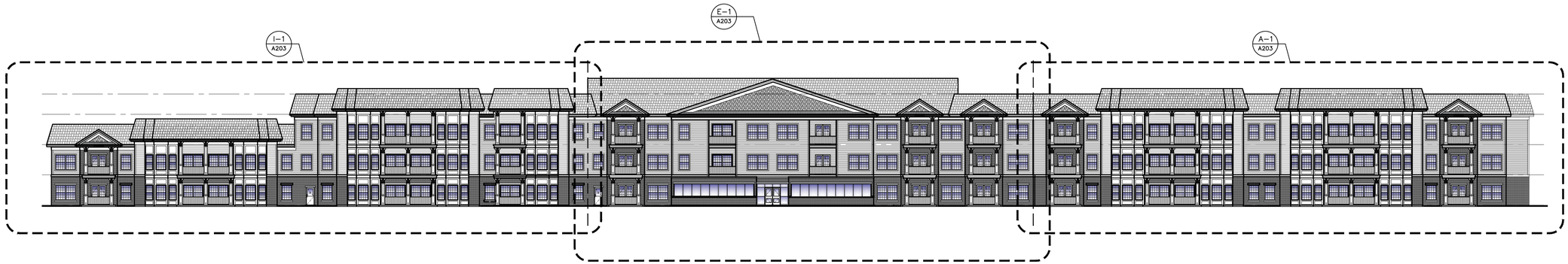
DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
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DRAWING NUMBER
A135

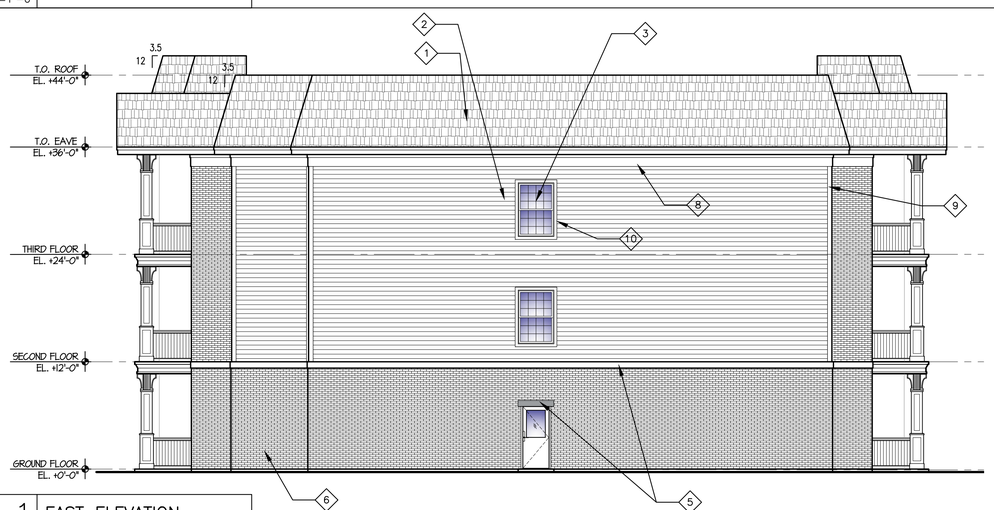
FILE P:\2018\18105-SEGRETI EAST FISHKILL APARTMENTS



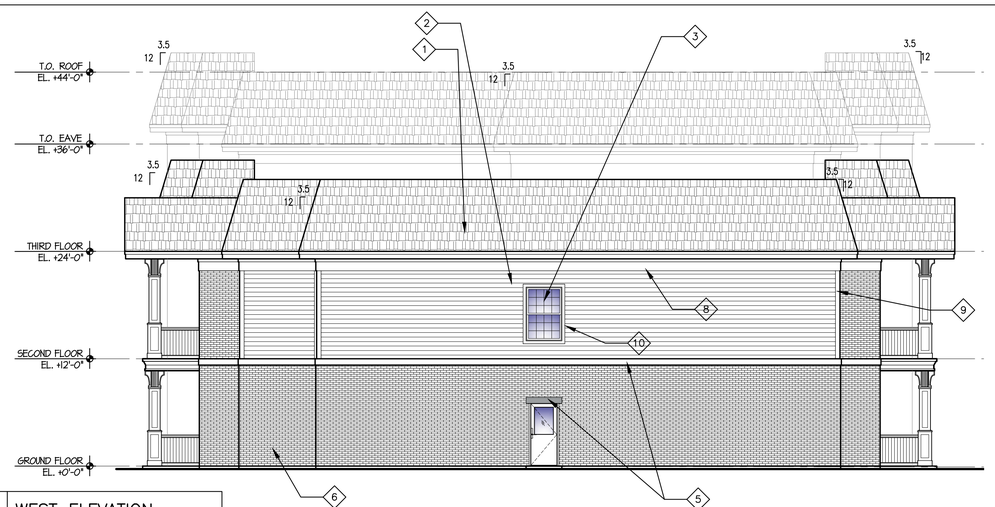
I — 1	NORTH ELEVATION
3/64"=1'–0"	



E — 1	SOUTH ELEVATION
3/64"=1'–0"	



A — 1	EAST ELEVATION
1/8"=1'–0"	



A — 8	WEST ELEVATION
1/8"=1'–0"	

KEYNOTES:

1. GAF TIMBERLINE HD ASPHALT/FIBERGLASS ROOF SHINGLES, COLOR: CHARCOAL, TYP.
2. ROYAL BUILDING PRODUCTS, CELECT CELLULAR EXTERIOR SIDING 7" CLAPBOARD WOOD GRAIN, COLOR: LATTE, TYP.
3. ANDERSEN A400 SERIES WINDOW, COLOR: WHITE, 12/12 TYP. SEE SCHEDULE
4. 8" STANDING SEAMED METAL ROOFING, COLOR: GREY, TYP.
5. ROYAL BUILDING PRODUCTS, CELECT CELLULAR EXTERIOR SIDING, BRICK MOULDS, SMOOTH TRIM BOARDS, COLOR: FROST, TYP.
6. EXTERIOR BRICK, GLEN-GERY HARDING BLEND MODULAR, TYP. THIN BRICK SYSTEM: TABS II
7. RAILINGS/SPINDLES: PVC/FIBERGLASS SYSTEM, COLOR: WHITE.
8. 1x12 AZEK FREEZE BOARD
9. 1x6 AZEK TRIM BOARD
10. 1x4 AZEK TRIM BOARD

No.	REVISION/SUBMISSION	DATE
	ISSUED FOR BID	11/12/21

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

DRAWING
PROPOSED EXTERIOR ELEVATIONS

SEAL: REGISTERED ARCHITECT MICHAEL J. McCORMACK No. 018322-1 STATE OF NEW YORK

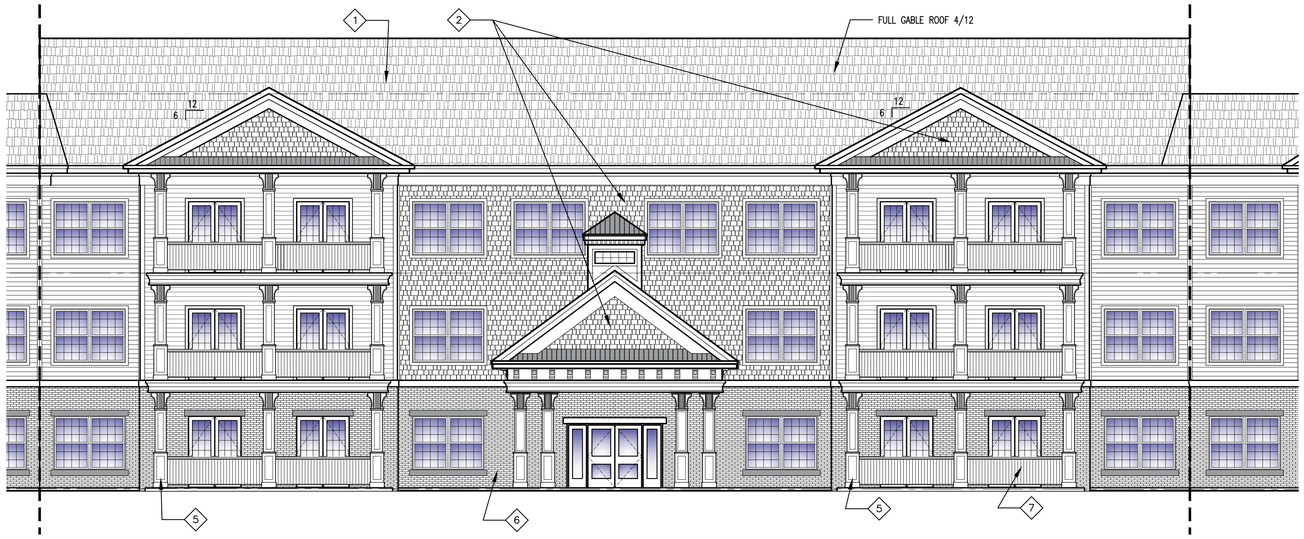
DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11–12–21

DRAWING NUMBER
A201

FILE P:\2018\18105-SEGRETI EAST FISHKILL APARTMENTS



1 — 1 | PARTIAL NORTH ELEVATION
1/16"=1'-0"



E — 1 | PARTIAL NORTH ELEVATION
1/16"=1'-0"



A — 1 | PARTIAL NORTH ELEVATION
1/16"=1'-0"

KEYNOTES:

1. GAF TIMBERLINE HD ASPHALT/FIBERGLASS ROOF SHINGLES, COLOR: CHARCOAL, TYP.
2. ROYAL BUILDING PRODUCTS, CELECT CELLULAR EXTERIOR SIDING 7" CLAPBOARD WOOD GRAIN, COLOR: LATTE, TYP.
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4. 8" STANDING SEAMED METAL ROOFING, COLOR: GREY, TYP.
5. ROYAL BUILDING PRODUCTS, CELECT CELLULAR EXTERIOR SIDING, BRICK MOULDS, SMOOTH TRIM BOARDS, COLOR: FROST, TYP.
6. EXTERIOR BRICK, GLEN-GERY HARDING BLEND MODULAR, TYP. THIN BRICK SYSTEM: TABS II
7. RAILINGS/SPINDLES: PVC/FIBERGLASS SYSTEM, COLOR: WHITE.
8. 1x12 AZEK FREEZE BOARD
9. 1x6 AZEK TRIM BOARD
10. 1x4 AZEK TRIM BOARD

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

DRAWING
PROPOSED ENLARGED NORTHWEST ELEVATIONS

SEAL: REGISTERED ARCHITECT, MICHAEL T.J. McCORMACK, No. 018322-1, STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11-12-21

DRAWING NUMBER
A202

FILE P:\2018\18105-SEGRETI EAST FISHKILL APARTMENTS



1 — 1 | PARTIAL SOUTH ELEVATION

1/16"=1'-0"



E — 1 | PARTIAL SOUTH ELEVATION

1/16"=1'-0"



A — 1 | PARTIAL SOUTH ELEVATION

1/16"=1'-0"

KEYNOTES:

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3. ANDERSEN A400 SERIES WINDOW, COLOR: WHITE, 12/12 TYP. SEE SCHEDULE
4. 8" STANDING SEAMED METAL ROOFING, COLOR: GREY, TYP.
5. ROYAL BUILDING PRODUCTS, CELECT CELLULAR EXTERIOR SIDING, BRICK MOULDS, SMOOTH TRIM BOARDS, COLOR: FROST, TYP.
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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

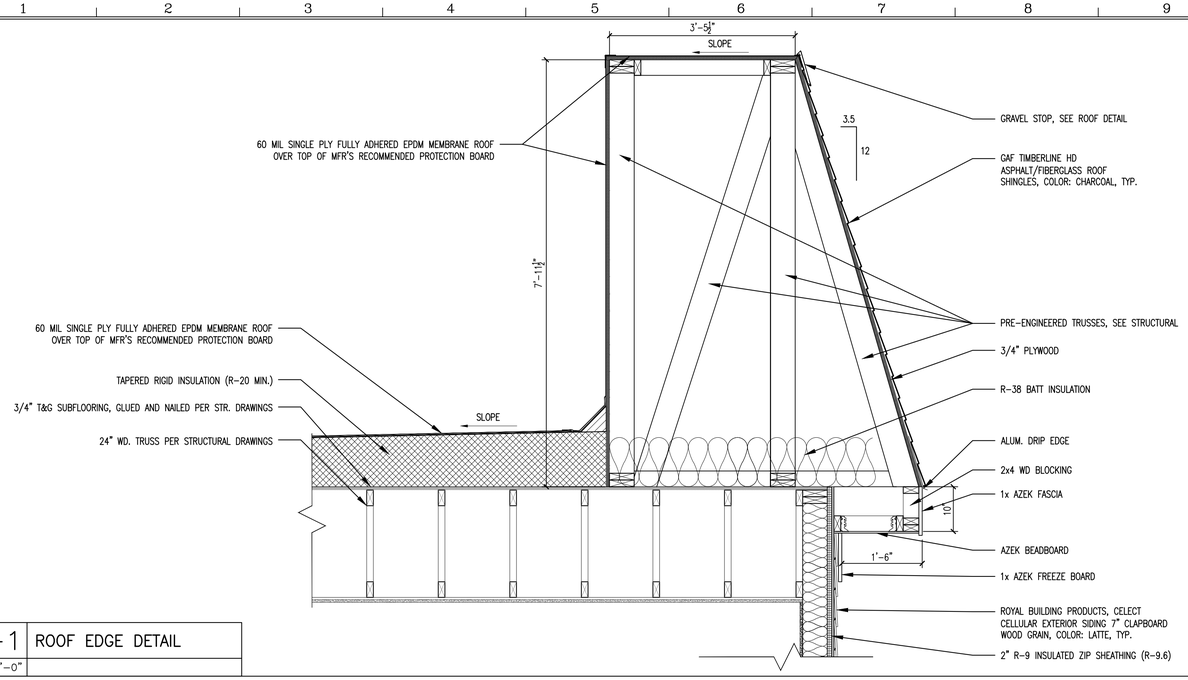
DRAWING
PROPOSED ENLARGED SOUTHEAST ELEVATIONS

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

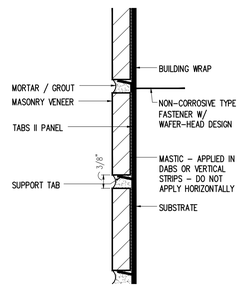
DRAWN BY	PROJECT NUMBER
TS	18105
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DRAWING NUMBER
A203

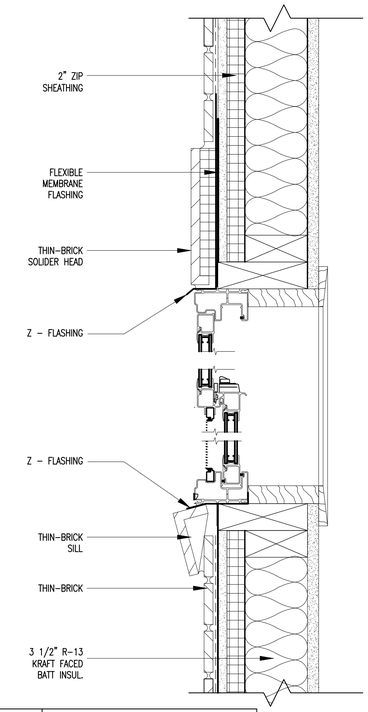
FILE P:\2018\18105-SEGRETI EAST FISHKILL APARTMENTS



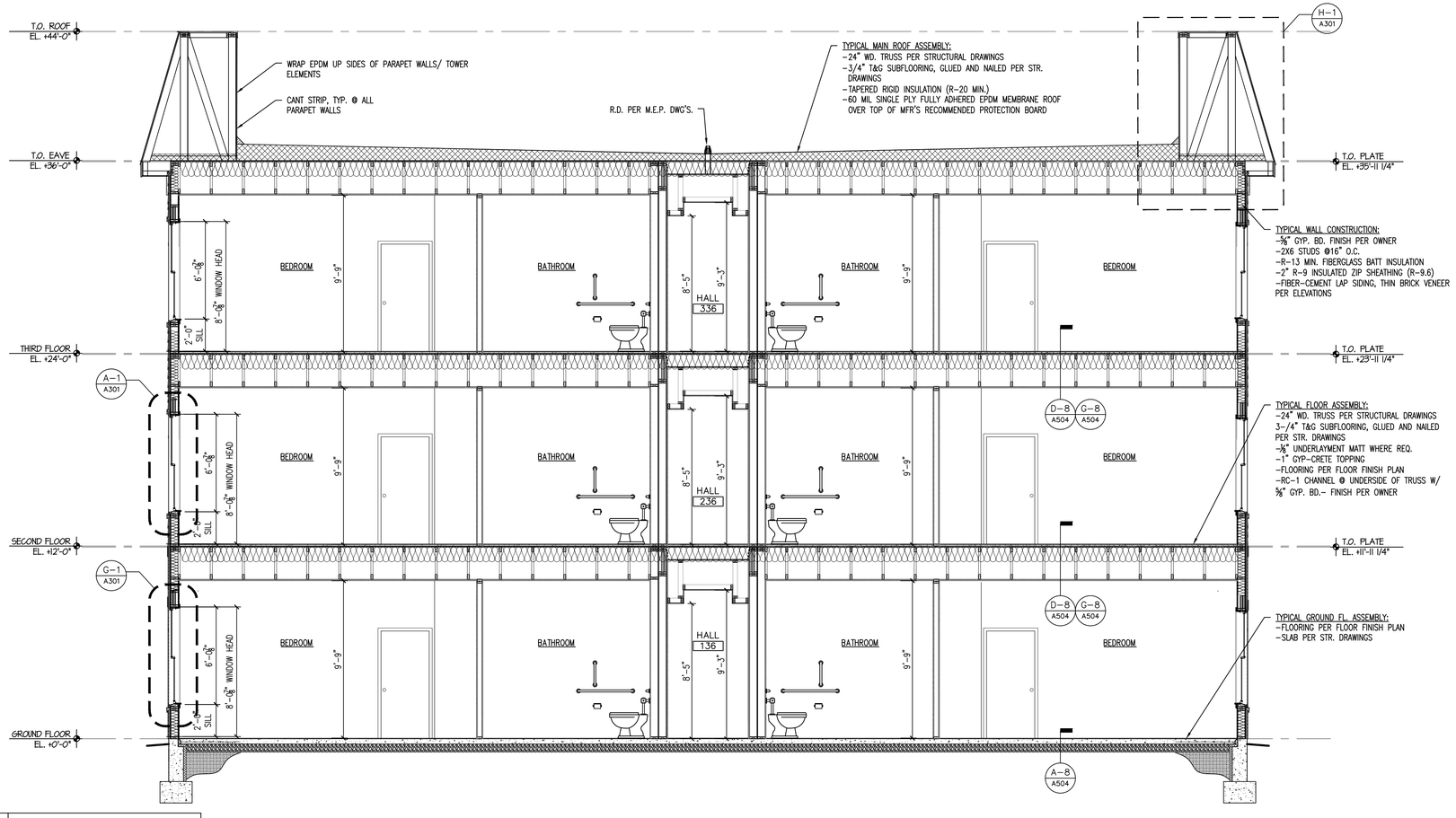
H-1	ROOF EDGE DETAIL
3/4"=1'-0"	



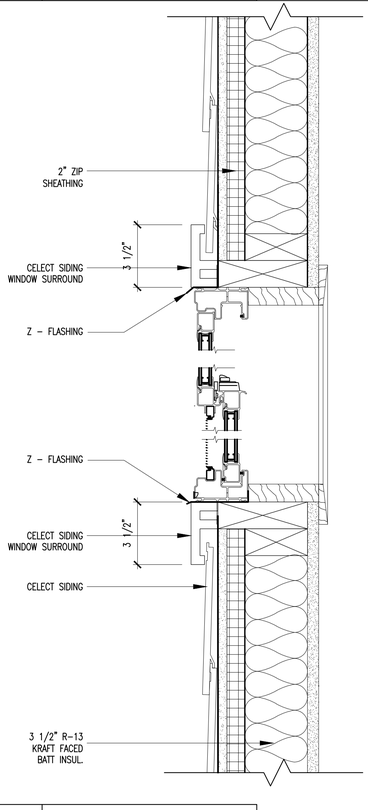
H-10	TABS II WALL DETAIL
6"=1'-0"	



G-13	WINDOW DETAIL @ BRICK
1/4"=1'-0"	



A-1	BUILDING SECTION
1/4"=1'-0"	



A-13	WINDOW DETAIL @ SIDING
1/4"=1'-0"	

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PHONE 845-452-2268 FAX 845-452-3752

PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

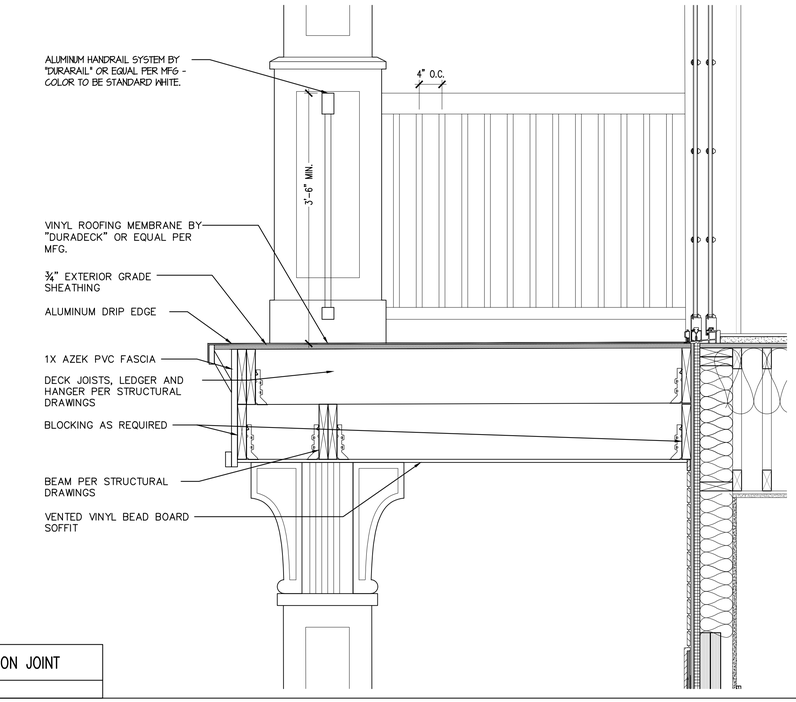
DRAWING
BUILDING SECTION

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11-12-21

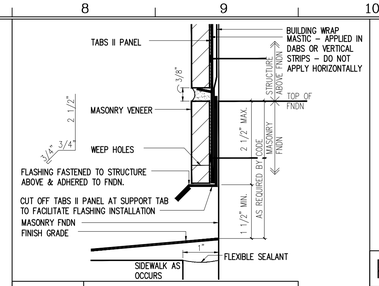
DRAWING NUMBER
A301

FILE P:\2018\18105-SEGRETI EAST FISHKILL APARTMENTS



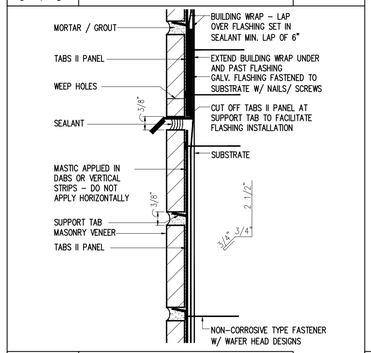
H–1 TABS II EXPANSION JOINT

6"=1'–0"



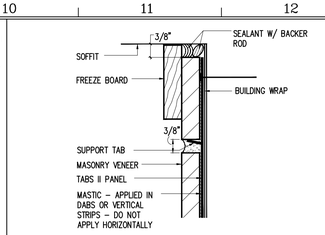
J–8 TABS II BASE DETAIL

6"=1'–0"



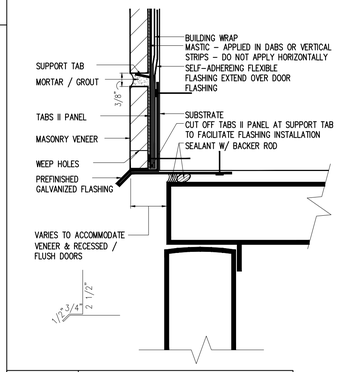
H–8 TABS II EXPANSION JOINT

6"=1'–0"



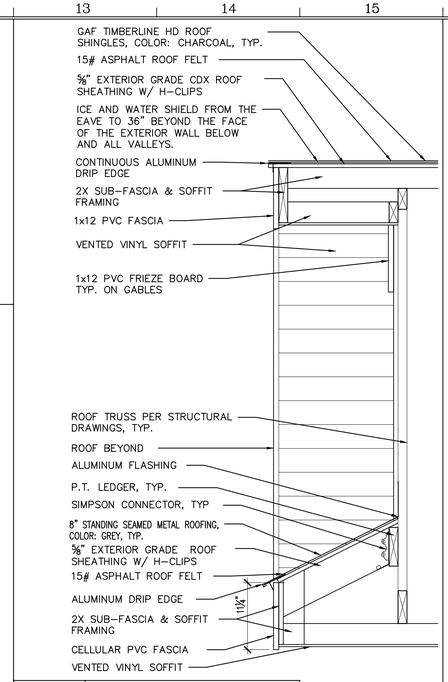
K–10 TABS II SOFFIT DETAIL

6"=1'–0"



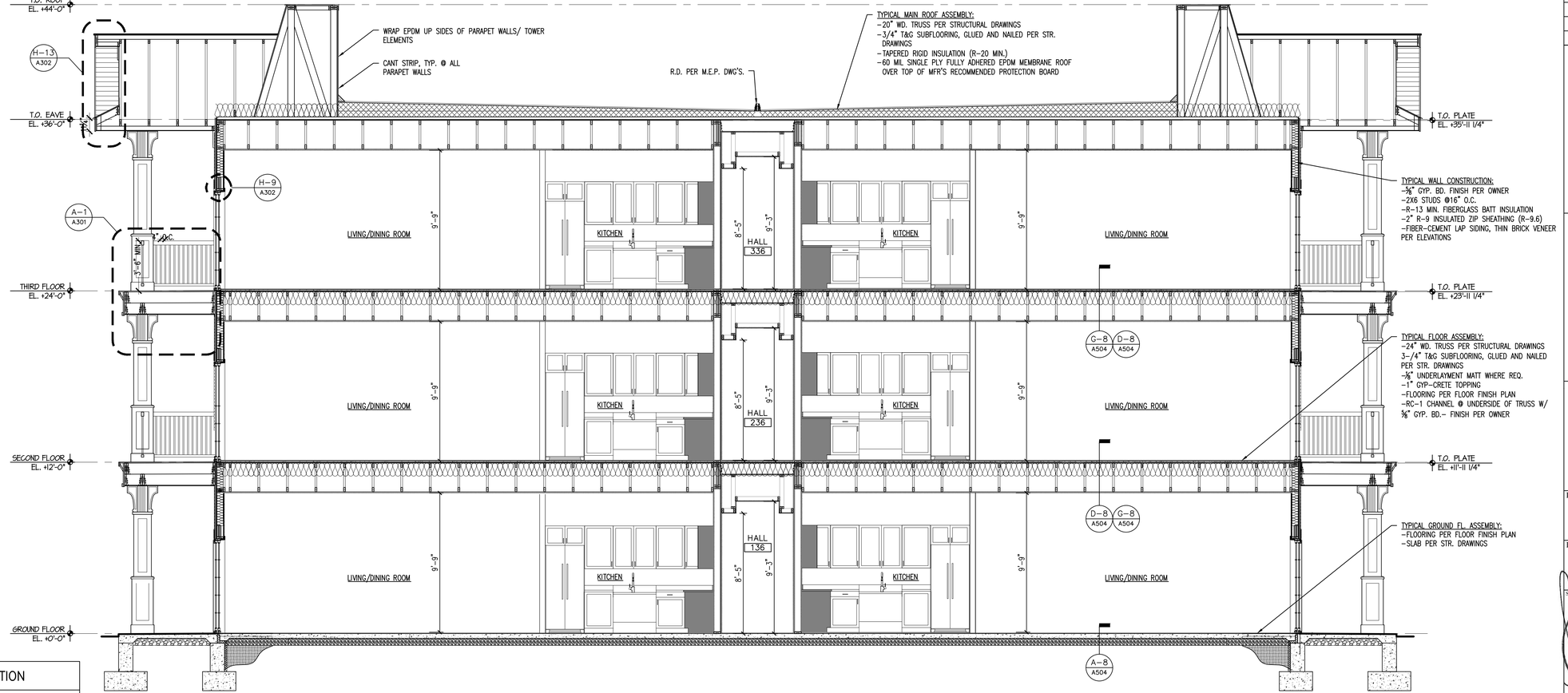
H–10 DOOR HEAD DETAIL @ BRICK

6"=1'–0"



H–13 ROOF EDGE DETAIL

1"=1'–0"



A–1 BUILDING SECTION

1/4"=1'–0"

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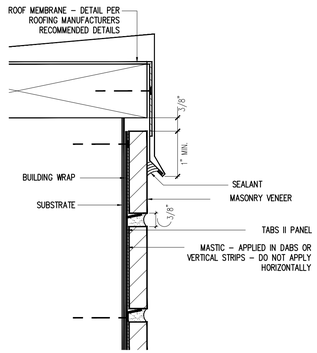
DRAWING
BUILDING SECTION

SEAL
REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
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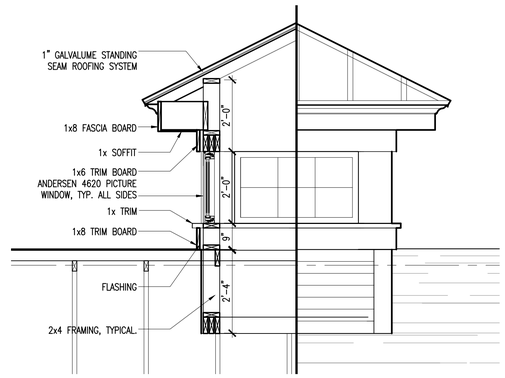
DRAWING NUMBER
A302

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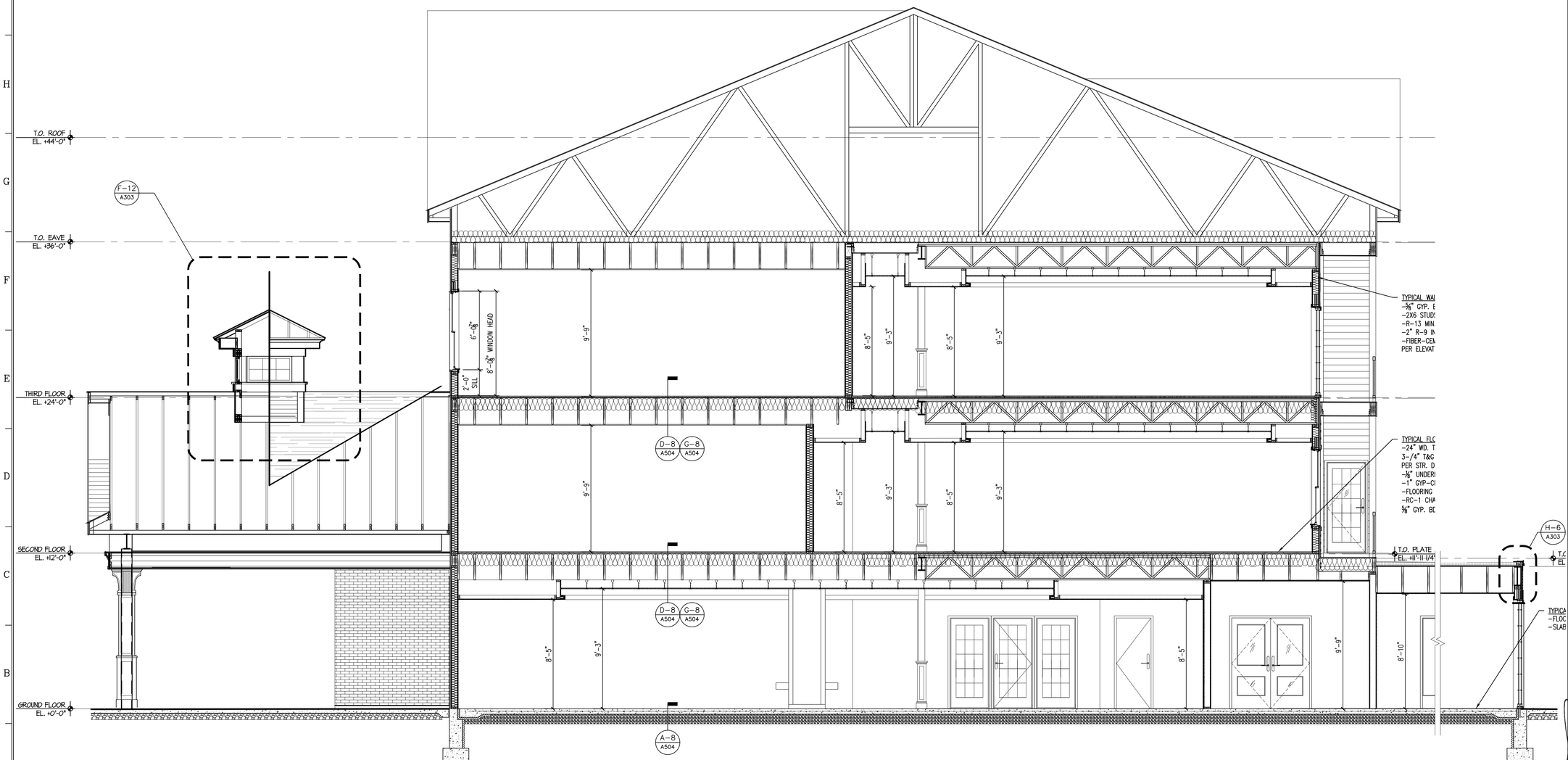
I–9 ROOF EDGE DETAIL

1/4"=1'-0"



I–12 CUPOLA DETAIL

1/4"=1'-0"



A–1 BUILDING SECTION

1/4"=1'-0"

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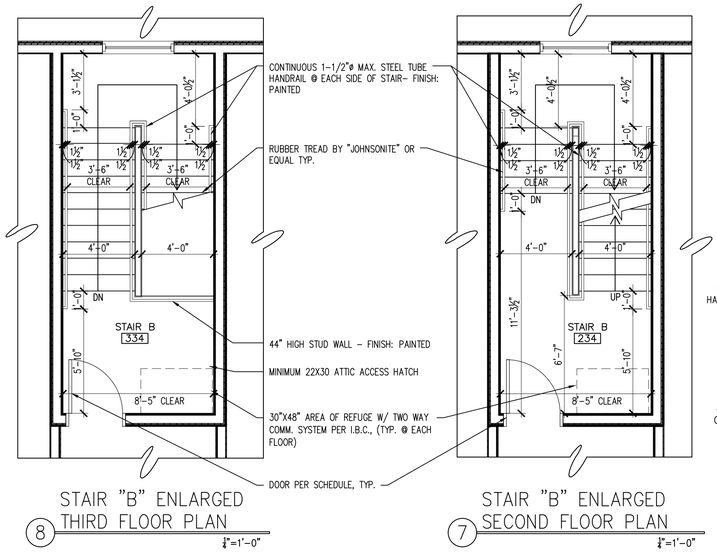
DRAWING
BUILDING SECTION

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11–12–21

DRAWING NUMBER
A303

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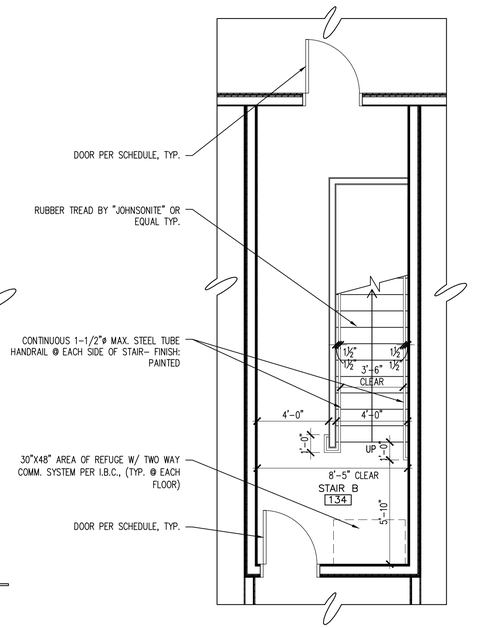


STAIR "B" ENLARGED THIRD FLOOR PLAN

8 1/4"=1'-0"

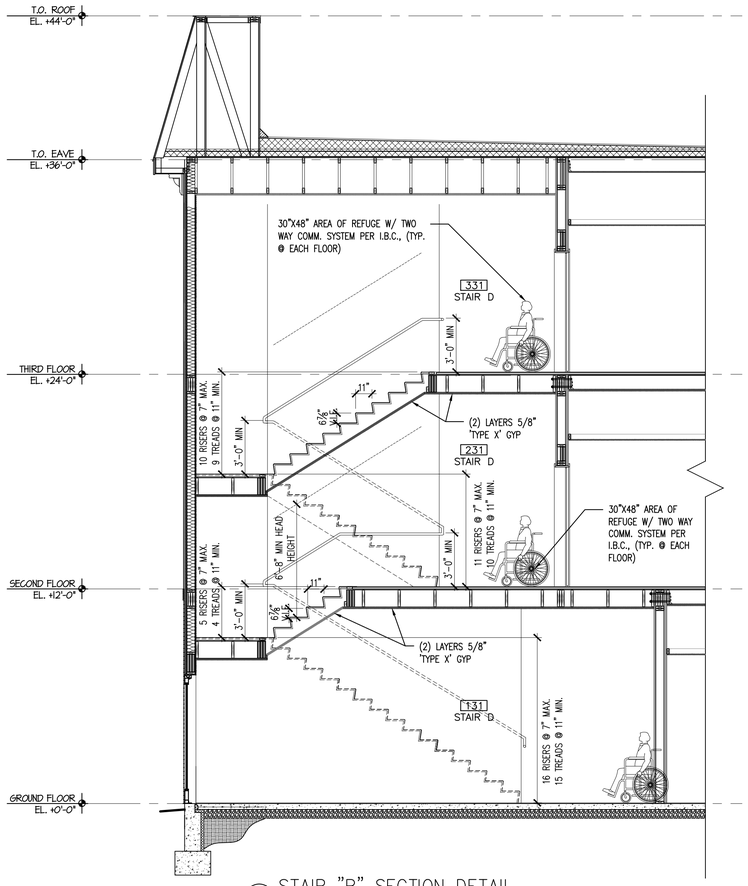
STAIR "B" ENLARGED SECOND FLOOR PLAN

7 1/4"=1'-0"



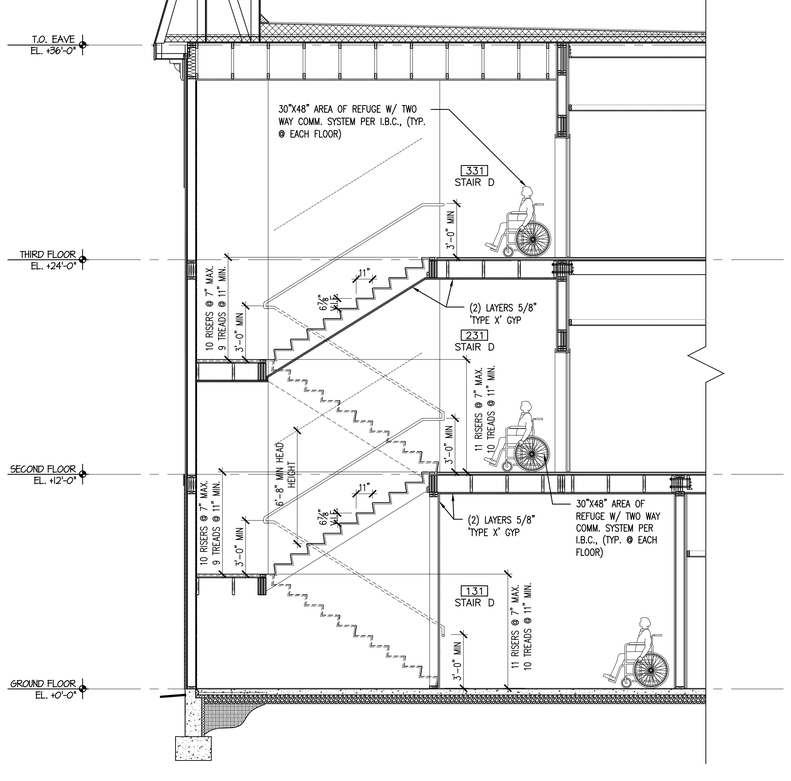
STAIR "B" ENLARGED GROUND FLOOR PLAN

6 1/4"=1'-0"



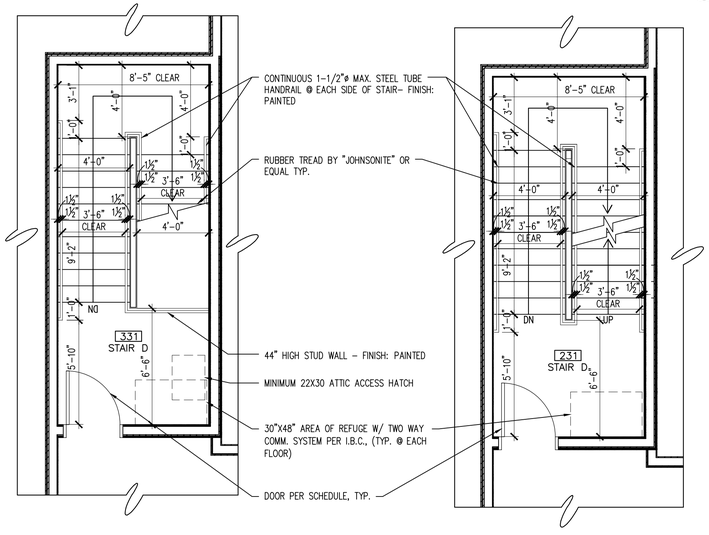
STAIR "B" SECTION DETAIL

5 1/4"=1'-0"



STAIR "D" SECTION DETAIL

4 1/4"=1'-0"

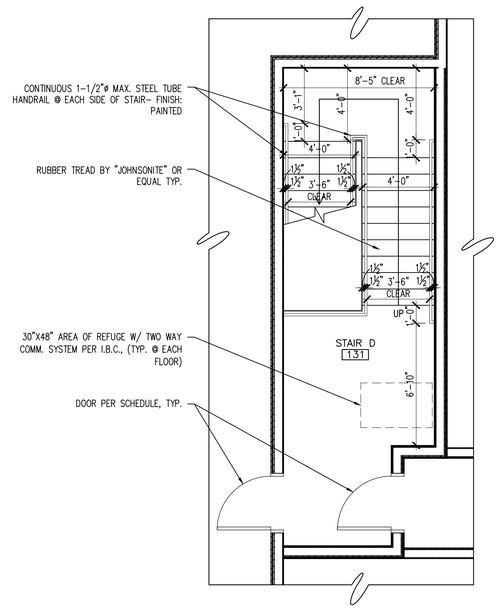


STAIR "D" ENLARGED THIRD FLOOR PLAN

3 1/4"=1'-0"

STAIR "D" ENLARGED SECOND FLOOR PLAN

2 1/4"=1'-0"



STAIR "D" ENLARGED GROUND FLOOR PLAN

1 1/4"=1'-0"

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

DRAWING
ENLARGED STAIR PLANS AND SECTIONS

SEAL
REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11-12-21

DRAWING NUMBER
A304

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GENERAL RESIDENTIAL UNIT ROOM FINISH SCHEDULE

ROOM NAME	FLOOR	BASE TRIM	WALLS		CEILINGS			REMARKS
			MATERIAL	FINISH	MATERIAL	FINISH	HEIGHT	
ENTRY	LVP-1	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
KITCHEN	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
WASHER/DRYER CLOSET	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	*USE MOISTURE RESISTANT GWB ON ALL WASHER/DRYER CLOSET WALLS & CEILINGS
LIVING/DINING AREA	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
BATHROOM	CT-1	CB	GWB	P-1	GWB	P-3	9'-8 1/2"	*USE MOISTURE RESISTANT GWB ON ALL BATHROOM WALLS & CEILINGS, MARBLE THRESHOLD AT ENTRY DOOR
LINEN CLOSET	CT-1	CB	GWB	P-1	GWB	P-3	9'-8 1/2"	*USE MOISTURE RESISTANT GWB ON ALL BATHROOM WALLS & CEILINGS
GUEST BEDROOM	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
MASTER BEDROOM	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
MASTER BATHROOM	CT-1	CB	GWB	P-1	GWB	P-3	9'-8 1/2"	*USE MOISTURE RESISTANT GWB ON ALL BATHROOM WALLS & CEILINGS, MARBLE THRESHOLD AT ENTRY DOOR
MECHANICAL CLOSET	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
ALL OTHER CLOSETS	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	

UNIT A DOOR AND FRAME SCHEDULE

MARK	DOOR SIZE WD	SIZE HGT	SIZE THK	TYPE	MATL	FINISH	GLAZING	FRAME TYPE	FRAME MATL	FRAME FINISH	FIRE RATING LABEL	HARDWARE SET NO	HARDWARE KEYSIDE RM NO	NOTES
A1*	3'-0"	7'-0"	1 3/4"	D11	WD	ST	N/A	F4	H.M.	P-2	30 MIN		--	ENTRY
A2	(2)2'-0"	7'-0"	1 3/4"	D12	WD	P-2	N/A	F1	WD	P-2	N/A		--	PASSAGE
A3	1'-6"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PASSAGE
A4	3'-0"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PRIVACY
A5	2'-6"	7'-0"	1 3/4"	D5	WD	P-2	N/A	F2	WD	P-2	N/A		--	PASSAGE
A6	(2)2'-6"	7'-0"	1 3/4"	D12	WD	P-2	N/A	F1	WD	P-2	N/A		--	PASSAGE
A7	3'-0"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PRIVACY
A8	2'-6"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PASSAGE
A9	6'-0"	7'-0"	1 1/4"	D7	WD/VINYL	MANUF.	INSULATED	MANUF.	WD/VINYL	MANUF.	N/A		--	ENTRY

DOOR NOTES:
1. SEE DRAWING A600 FOR ADDITIONAL DOOR INFORMATION.
2. * INDICATES A RATED DOOR SELF-CLOSING.
3. EXACT STYLES AND MANUFACTURER TO BE VERIFIED BY OWNER.
4. ALL DOORS TO BE EQUIPPED W/ FLOOR, WALL OR OVERHEAD STOPS.
5. ALL HARDWARE FINISHES TO BE VERIFIED W/ OWNER.
6. KEYING TO BE COORDINATED WITH OWNER MASTER KEYING STANDARD. GC TO PROVIDE FINISH CORES AND CONFIRM ALL KEYING REQUIREMENTS PRIOR TO PLACING ORDER.
7. DOOR & FRAME SCHEDULE IS SIMILAR FOR ALL MATCHING TYPE UNITS.
8. ALL GLAZING IN DOORS TO BE TEMPERED GLASS.

WALL TYPE LEGEND

1 — UL ASSEMBLY DESIGN NO. U311
(1 HOUR, STC 52)
- 2X6 WOOD STUDS 16" O.C.
- RC-1 CHANNELS @ 24" O.C HORIZONTALLY ONE SIDE
- 3" THERMAFIBER S.A.F.B.
- 5/8" GYP. BD. BOTH SIDES

2 — 4⅝"
- 2x4 WOOD STUDS @ 16" O.C.
- 5/8" GYPSUM BD. BOTH SIDES
- PROVIDE SOUND BATT INSULATION @ BEDROOM & BATHROOM WALLS

3 — 9⅛"
UL ASSEMBLY DESIGN NO. U341
(1 HOUR, STC 62)
- 5/8" QUIETROCK 530
- 2X4 WOOD STUDS 16" O.C.
- SOUND BATT INSULATION
- (2) LAYERS 5/8" TYPE 'X' GYP. BOARD ONE SIDE

3₂ — 9⅛"
UL ASSEMBLY DESIGN NO. U341
(1 HOUR, STC 62)
- 5/8" QUIETROCK 530
- 2X4 WOOD STUDS 16" O.C.
- SOUND BATT INSULATION
- (2) LAYERS 5/8" TYPE 'X' GYP. BOARD

3₃ — 9⅛"
UL ASSEMBLY DESIGN NO. U341
(1 HOUR, STC 62)
- 5/8" QUIETROCK TYPE 'X' GYP. BOARD
- 2X4 WOOD STUDS 16" O.C.
- SOUND BATT INSULATION
- (2) LAYERS 5/8" TYPE 'X' GYP. BOARD

4 — 7¼"
- 2X6 WOOD STUDS @ 16" O.C.
- R-20 FIBERGLASS BATT INSUL.
- 5/8" GYPSUM BD. @ INTERIOR SIDE
- 1-1/2" ZIP-R-SHEATHING (R-6 CONTINUOUS)
- SIDING PER ELEVATIONS

5 — 7¼"
- 2x6 WOOD STUDS @ 16" O.C.
- 5/8" GYPSUM BD. @ INTERIOR SIDE
- 1-1/2" ZIP-R-SHEATHING (R-6 CONTINUOUS)
- SIDING PER ELEVATIONS

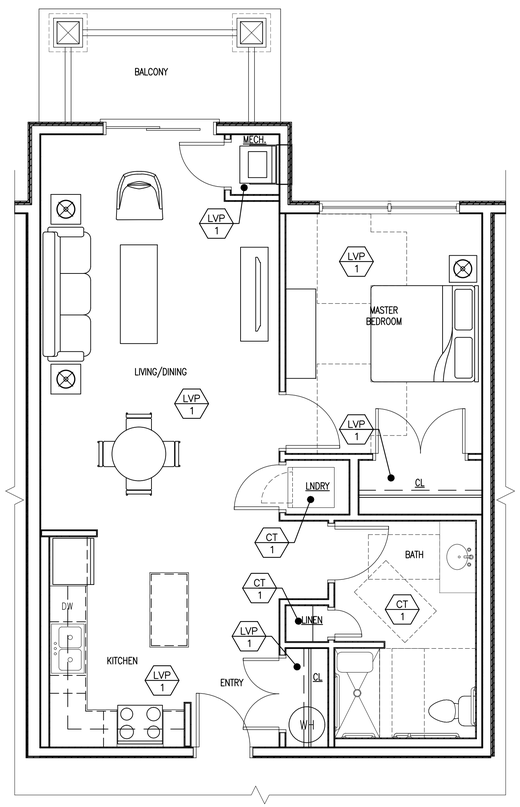
6 — 8⅛"
UL ASSEMBLY DESIGN NO. U301
(2 HOUR, STC 52)
- 2X6 WOOD STUDS 16" O.C.
- 1 LAYER ¾" STRUCTURAL SHEATHING
- (2) LAYERS 5/8" GYP. BD. BOTH SIDES
- SOUND BATT INSULATION

7 — 6⅜"
- 2x6 WOOD STUDS @ 16" O.C.
- 5/8" GYPSUM BD. BOTH SIDES
- PROVIDE SOUND BATT INSULATION @ BEDROOM & BATHROOM WALLS

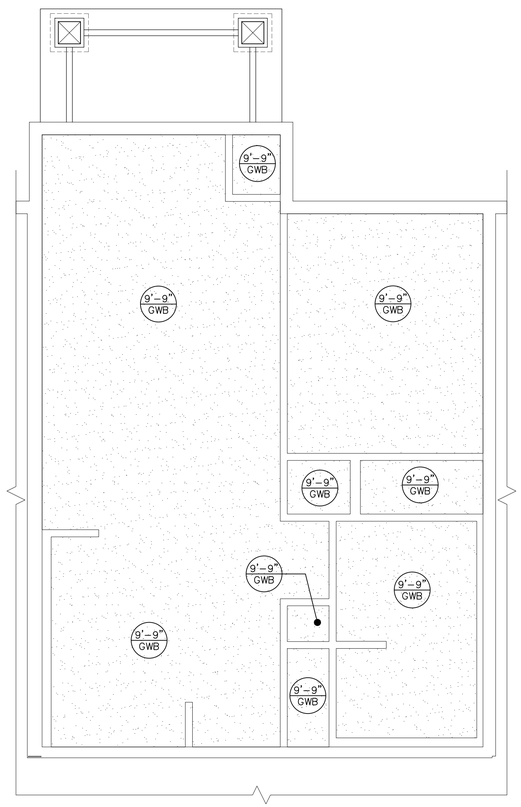
8 — 4⅜"
- 2x4 WOOD STUDS @ 16" O.C.
- 5/8" GYPSUM BD. INTERIOR SIDE

9 — 6⅜"
- 2x6 WOOD STUDS @ 16" O.C.
- 5/8" GYPSUM BD. INTERIOR SIDE

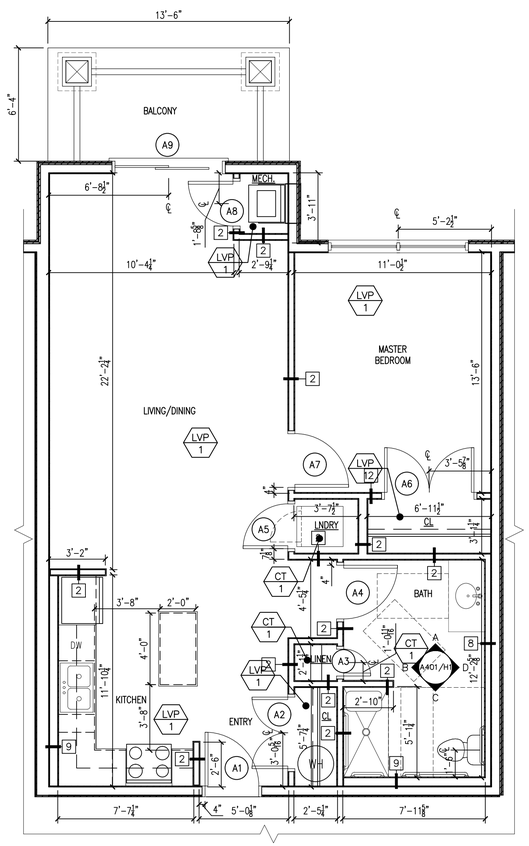
NOTES:
1. FINAL KITCHEN LAYOUT BY OTHERS.
2. REFER TO ELECTRICAL DWG'S FOR LIGHTING LAYOUT, LIGHTING FIXTURE MANUFACTURER AND STYLE.
3. REFER TO FIRE PROTECTION DWG'S FOR SPRINKLER DESIGN/LAYOUT.
4. FINAL PLUMBING FIXTURE SELECTION PER OWNER.
5. EXACT MFG. AND STYLE OF ALL FINISHES TO BE SELECTED PER OWNER – REFER TO FINISH SCHEDULE PAGE A601 FOR MORE INFORMATION.
6. PROVIDE A 25 POUND B/C RESIDENTIAL FIRE EXTINGUISHER IN EACH APARTMENT.



A-1 FURNITURE/FINISH PLAN
1/4"=1'-0" UNIT A



A-6 REFLECTED TYPICAL CEILING PLAN
1/4"=1'-0" UNIT A



A-11 ENLARGED TYPICAL FLOOR PLAN
1/4"=1'-0" UNIT A

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PROJECT
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HOPEWELL JUNCTION, N.Y.

DRAWING
ENLARGED TYPICAL PLAN & RCP
UNIT A

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11-12-21

DRAWING NUMBER
A400

FILE P:\2018\18105-SEGRETI EAST FISHKILL APARTMENTS

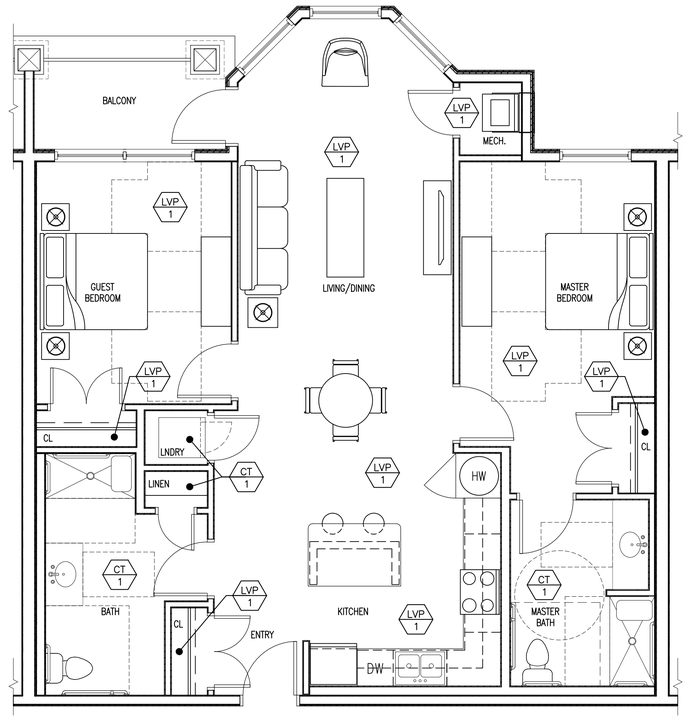
GENERAL RESIDENTIAL UNIT ROOM FINISH SCHEDULE

ROOM NAME	FLOOR	BASE TRIM	WALLS		CEILINGS			REMARKS
			MATERIAL	FINISH	MATERIAL	FINISH	HEIGHT	
ENTRY	LVP-1	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
KITCHEN	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
WASHER/DRYER CLOSET	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	*USE MOISTURE RESISTANT GWB ON ALL WASHER/DRYER CLOSET WALLS & CEILINGS
LIVING/DINING AREA	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
BATHROOM	CT-1	CB	GWB	P-1	GWB	P-3	9'-8 1/2"	*USE MOISTURE RESISTANT GWB ON ALL BATHROOM WALLS & CEILINGS, MARBLE THRESHOLD AT ENTRY DOOR
LINEN CLOSET	CT-1	CB	GWB	P-1	GWB	P-3	9'-8 1/2"	*USE MOISTURE RESISTANT GWB ON ALL BATHROOM WALLS & CEILINGS
GUEST BEDROOM	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
MASTER BEDROOM	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
MASTER BATHROOM	CT-1	CB	GWB	P-1	GWB	P-3	9'-8 1/2"	*USE MOISTURE RESISTANT GWB ON ALL BATHROOM WALLS & CEILINGS, MARBLE THRESHOLD AT ENTRY DOOR
MECHANICAL CLOSET	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
ALL OTHER CLOSETS	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	

UNIT B DOOR AND FRAME SCHEDULE

MARK	DOOR SIZE WD	SIZE HGT	SIZE THK	DOOR TYPE	DOOR MATL	DOOR FINISH	DOOR GLAZING	FRAME TYPE	FRAME MATL	FRAME FINISH	FIRE RATING LABEL	HARDWARE SET NO	HARDWARE KEYSIDE RM NO	NOTES
B1*	3'-0"	7'-0"	1 3/4"	D11	H.M.	ST	N/A	F4	H.M.	P-2	30 MIN		--	ENTRY
B2	(2)2'-0"	7'-0"	1 3/4"	D12	WD	P-2	N/A	F1	WD	P-2	N/A		--	PASSAGE
B3	3'-0"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PRIVACY
B4	2'-0"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PASSAGE
B5	2'-6"	7'-0"	1 3/4"	D5	WD	P-2	N/A	F2	WD	P-2	N/A		--	PASSAGE
B6	(2)2'-0"	7'-0"	1 3/4"	D12	WD	P-2	N/A	F1	WD	P-2	N/A		--	PASSAGE
B7	3'-0"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PRIVACY
B8	2'-6"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PASSAGE
B9	3'-0"	7'-0"	1 3/4"	D6	WD/VINYL	MANUF.	INSULATED	MANUF.	WD/VINYL	MANUF.	N/A		--	ENTRY
B10	3'-0"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PRIVACY
B11	(2)2'-0"	7'-0"	1 3/4"	D12	WD	P-2	N/A	F1	WD	P-2	N/A		--	PASSAGE
B12	3'-0"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PRIVACY

DOOR NOTES:
1. SEE DRAWING A-6.00 FOR ADDITIONAL DOOR INFORMATION.
2. * INDICATES A RATED DOOR SELF-CLOSING.
3. EXACT STYLES AND MANUFACTURER TO BE VERIFIED BY OWNER.
4. ALL DOORS TO BE EQUIPPED W/ FLOOR, WALL OR OVERHEAD STOPS.
5. ALL HARDWARE FINISHES TO BE VERIFIED W/ OWNER.
6. KEYING TO BE COORDINATED WITH OWNER MASTER KEYING STANDARD. GC TO PROVIDE FINISH CORES AND CONFIRM ALL KEYING REQUIREMENTS PRIOR TO PLACING ORDER.
7. DOOR & FRAME SCHEDULE IS SIMILAR FOR ALL MATCHING TYPE UNITS.
8. ALL GLAZING IN DOORS TO BE TEMPERED GLASS.



G-10 FURNITURE/FINISH PLAN
1/4"=1'-0" UNIT B

NOTES:
1. FINAL KITCHEN LAYOUT BY OTHERS.
2. REFER TO ELECTRICAL DWG'S FOR LIGHTING LAYOUT, LIGHTING FIXTURE MANUFACTURER AND STYLE.
3. REFER TO FIRE PROTECTION DWG'S FOR SPRINKLER DESIGN/LAYOUT.
4. FINAL PLUMBING FIXTURE SELECTION PER OWNER.
5. EXACT MFG. AND STYLE OF ALL FINISHES TO BE SELECTED PER OWNER – REFER TO FINISH SCHEDULE PAGE A601 FOR MORE INFORMATION.
6. PROVIDE A 25 POUND B/C RESIDENTIAL FIRE EXTINGUISHER IN EACH APARTMENT.

No.	REVISION/SUBMISSION	DATE
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Connolly Engineering, PLLC
36 Grist Mill Lane
Pleasant Valley, NY 12569
845.635.1444
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ARCHITECTURE PLANNING INTERIORS
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PHONE 845-452-2268 FAX 845-452-3752

PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

DRAWING
ENLARGED TYPICAL PLAN & RCP
UNIT B

SEAL: REGISTERED ARCHITECT, MICHAEL T.J. McCORMACK, No. 018322-1, STATE OF NEW YORK

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WALL TYPE LEGEND

1 — UL ASSEMBLY DESIGN NO. U311
(1 HOUR, STC 52)
-2X6 WOOD STUDS 16" O.C.
-RC-1 CHANNELS @ 24" O.C HORIZONTALLY ONE SIDE
-3" THERMAFIBER S.A.F.B.
-5/8" GYP. BD. BOTH SIDES

2 — -2x4 WOOD STUDS @ 16" O.C.
-5/8" GYPSUM BD. BOTH SIDES
-PROVIDE SOUND BATT INSULATION @ BEDROOM & BATHROOM WALLS

3 — UL ASSEMBLY DESIGN NO. U341
(1 HOUR, STC 62)
-5/8" QUIETROCK 530
-2X4 WOOD STUDS 16" O.C.
-SOUND BATT INSULATION
-5/8" QUIETROCK 530
-5/8" TYPE 'X' GYP. BOARD ONE SIDE

3 2 — UL ASSEMBLY DESIGN NO. U341
(1 HOUR, STC 62)
-5/8" QUIETROCK 530
-2X4 WOOD STUDS 16" O.C.
-SOUND BATT INSULATION
-(2) LAYERS 5/8" TYPE 'X' GYP. BOARD

3 3 — UL ASSEMBLY DESIGN NO. U341
(1 HOUR, STC 62)
-5/8" QUIETROCK TYPE 'X' GYP. BOARD
-2X4 WOOD STUDS 16" O.C.
-SOUND BATT INSULATION
-(2) LAYERS 5/8" TYPE 'X' GYP. BOARD

4 — -2X6 WOOD STUDS @ 16" O.C.
-R-20 FIBERGLASS BATT INSUL.
-5/8" GYPSUM BD. @ INTERIOR SIDE
-1-1/2" ZIP-R-SHEATHING (R-6 CONTINUOUS)
-SIDING PER ELEVATIONS

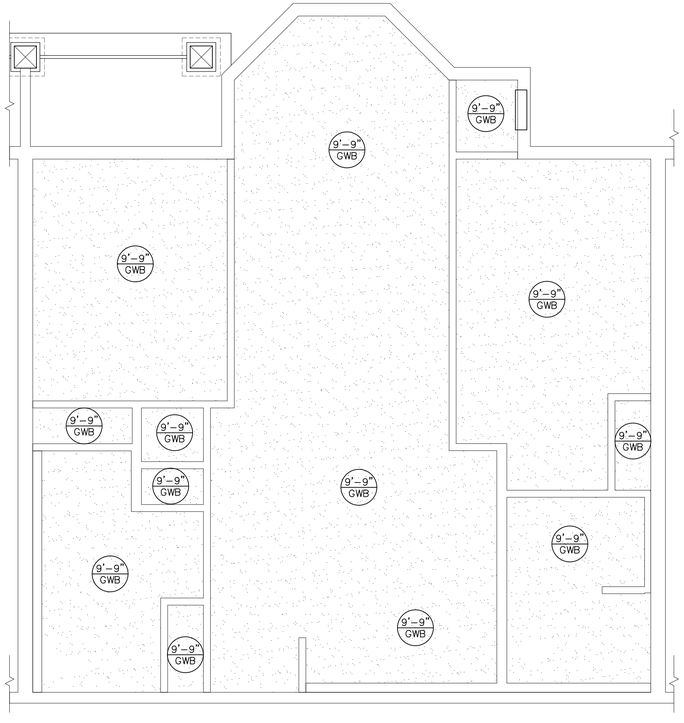
5 — -2x6 WOOD STUDS @ 16" O.C.
-5/8" GYPSUM BD. @ INTERIOR SIDE
-1-1/2" ZIP-R-SHEATHING (R-6 CONTINUOUS)
-SIDING PER ELEVATIONS

6 — UL ASSEMBLY DESIGN NO. U301
(2 HOUR, STC 52)
-2X6 WOOD STUDS 16" O.C.
-1 LAYER ¾" STRUCTURAL SHEATHING
-(2) LAYERS 5/8" GYP. BD. BOTH SIDES
-SOUND BATT INSULATION

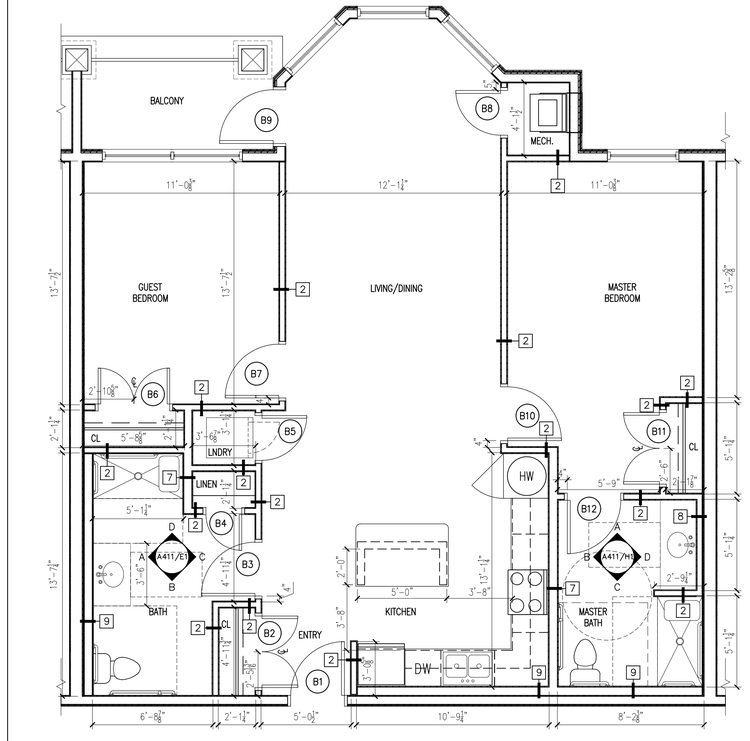
7 — -2x6 WOOD STUDS @ 16" O.C.
-5/8" GYPSUM BD. BOTH SIDES
-PROVIDE SOUND BATT INSULATION @ BEDROOM & BATHROOM WALLS

8 — -2x4 WOOD STUDS @ 16" O.C.
-5/8" GYPSUM BD. INTERIOR SIDE

9 — -2x6 WOOD STUDS @ 16" O.C.
-5/8" GYPSUM BD. INTERIOR SIDE



A-5 REFLECTED TYPICAL CEILING PLAN
1/4"=1'-0" UNIT B



A-10 ENLARGED TYPICAL FLOOR PLAN
1/4"=1'-0" UNIT B

GENERAL RESIDENTIAL UNIT ROOM FINISH SCHEDULE

ROOM NAME	FLOOR	BASE TRIM	WALLS		CEILINGS			REMARKS
			MATERIAL	FINISH	MATERIAL	FINISH	HEIGHT	
ENTRY	LVP-1	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
KITCHEN	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
WASHER/DRYER CLOSET	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	*USE MOISTURE RESISTANT GWB ON ALL WASHER/DRYER CLOSET WALLS & CEILINGS
LIVING/DINING AREA	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
BATHROOM	CT-1	CB	GWB	P-1	GWB	P-3	9'-8 1/2"	*USE MOISTURE RESISTANT GWB ON ALL BATHROOM WALLS & CEILINGS, MARBLE THRESHOLD AT ENTRY DOOR
LINEN CLOSET	CT-1	CB	GWB	P-1	GWB	P-3	9'-8 1/2"	*USE MOISTURE RESISTANT GWB ON ALL BATHROOM WALLS & CEILINGS
GUEST BEDROOM	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
MASTER BEDROOM	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
MASTER BATHROOM	CT-1	CB	GWB	P-1	GWB	P-3	9'-8 1/2"	*USE MOISTURE RESISTANT GWB ON ALL BATHROOM WALLS & CEILINGS, MARBLE THRESHOLD AT ENTRY DOOR
MECHANICAL CLOSET	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
ALL OTHER CLOSETS	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	

UNIT C DOOR AND FRAME SCHEDULE

MARK	DOOR SIZE WD	HGT	THK	TYPE	MATL	FINISH	GLAZING	FRAME TYPE	FRAME MATL	FRAME FINISH	FIRE RATING LABEL	HARDWARE SET NO	HARDWARE KEYSIDE RM NO	NOTES
C1*	3'-0"	7'-0"	1 3/4"	D11	WD	ST	N/A	F4	H.M.	P-2	30 MIN		--	ENTRY
C2	(2)2'-0"	7'-0"	1 3/4"	D12	WD	P-2	N/A	F1	WD	P-2	N/A		--	PASSAGE
C3	3'-0"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PRIVACY
C4	2'-0"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PASSAGE
C5	2'-6"	7'-0"	1 3/4"	D5	WD	P-2	N/A	F2	WD	P-2	N/A		--	PASSAGE
C6	(2)2'-0"	7'-0"	1 3/4"	D12	WD	P-2	N/A	F1	WD	P-2	N/A		--	PASSAGE
C7	3'-0"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PRIVACY
C8	2'-6"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PASSAGE
C9	3'-0"	7'-0"	1 3/4"	D6	WD/VINYL	MANUF.	INSULATED	MANUF.	WD/VINYL	MANUF.	N/A		--	ENTRY
C10	3'-0"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PRIVACY
C11	(2)2'-0"	7'-0"	1 3/4"	D12	WD	P-2	N/A	F1	WD	P-2	N/A		--	PASSAGE
C12	3'-0"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PRIVACY
C13	1'-6"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PASSAGE

DOOR NOTES:
1. SEE DRAWING A-6.00 FOR ADDITIONAL DOOR INFORMATION.
2. * INDICATES A RATED DOOR SELF-CLOSING.
3. EXACT STYLES AND MANUFACTURER TO BE VERIFIED BY OWNER.
4. ALL DOORS TO BE EQUIPPED W/ FLOOR, WALL OR OVERHEAD STOPS.
5. ALL HARDWARE FINISHES TO BE VERIFIED W/ OWNER.
6. KEYING TO BE COORDINATED WITH OWNER MASTER KEYING STANDARD. GC TO PROVIDE FINISH CORES AND CONFIRM ALL KEYING REQUIREMENTS PRIOR TO PLACING ORDER.
7. DOOR & FRAME SCHEDULE IS SIMILAR FOR ALL MATCHING TYPE UNITS.
8. ALL GLAZING IN DOORS TO BE TEMPERED GLASS.

WALL TYPE LEGEND

1 — UL ASSEMBLY DESIGN NO. U311
(1 HOUR, STC 52)
- 2X6 WOOD STUDS 16" O.C.
- RC-1 CHANNELS @ 24" O.C HORIZONTALLY ONE SIDE
- 3" THERMAFIBER S.A.F.B.
- 5/8" GYP. BD. BOTH SIDES

2 —
- 2x4 WOOD STUDS @ 16" O.C.
- 5/8" GYPSUM BD. BOTH SIDES
- PROVIDE SOUND BATT INSULATION @ BEDROOM & BATHROOM WALLS

3.1 — UL ASSEMBLY DESIGN NO. U341
(1 HOUR, STC 62)
- 5/8" QUIETROCK 530
- 2X4 WOOD STUDS 16" O.C.
- SOUND BATT INSULATION
- 5/8" QUIETROCK 530
- 5/8" TYPE 'X' GYP. BOARD ONE SIDE

3.2 — UL ASSEMBLY DESIGN NO. U341
(1 HOUR, STC 62)
- 5/8" QUIETROCK 530
- 2X4 WOOD STUDS 16" O.C.
- SOUND BATT INSULATION
- (2) LAYERS 5/8" TYPE 'X' GYP. BOARD

3.3 — UL ASSEMBLY DESIGN NO. U341
(1 HOUR, STC 62)
- 5/8" QUIETROCK TYPE 'X' GYP. BOARD
- 2X4 WOOD STUDS 16" O.C.
- SOUND BATT INSULATION
- (2) LAYERS 5/8" TYPE 'X' GYP. BOARD

4 —
- 2X6 WOOD STUDS @ 16" O.C.
- R-20 FIBERGLASS BATT INSUL.
- 5/8" GYPSUM BD. @ INTERIOR SIDE
- 1-1/2" ZIP-R-SHEATHING (R-6 CONTINUOUS)
- SIDING PER ELEVATIONS

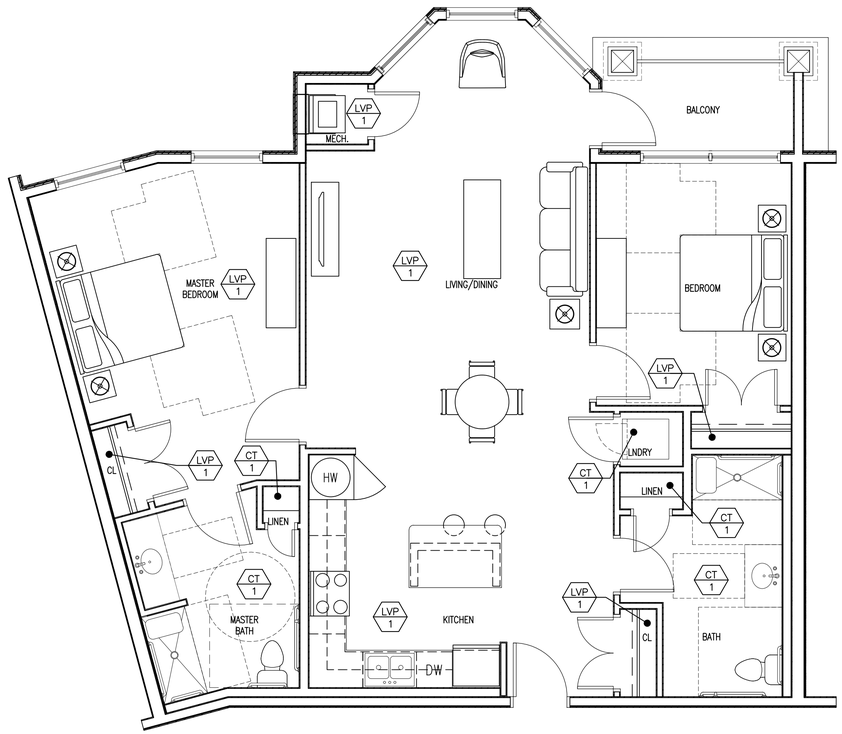
5 —
- 2x6 WOOD STUDS @ 16" O.C.
- 5/8" GYPSUM BD. @ INTERIOR SIDE
- 1-1/2" ZIP-R-SHEATHING (R-6 CONTINUOUS)
- SIDING PER ELEVATIONS

6 — UL ASSEMBLY DESIGN NO. U301
(2 HOUR, STC 52)
- 2X6 WOOD STUDS 16" O.C.
- 1 LAYER ¾" STRUCTURAL SHEATHING
- (2) LAYERS 5/8" GYP. BD. BOTH SIDES
- SOUND BATT INSULATION

7 —
- 2x6 WOOD STUDS @ 16" O.C.
- 5/8" GYPSUM BD. BOTH SIDES
- PROVIDE SOUND BATT INSULATION @ BEDROOM & BATHROOM WALLS

8 —
- 2x4 WOOD STUDS @ 16" O.C.
- 5/8" GYPSUM BD. INTERIOR SIDE

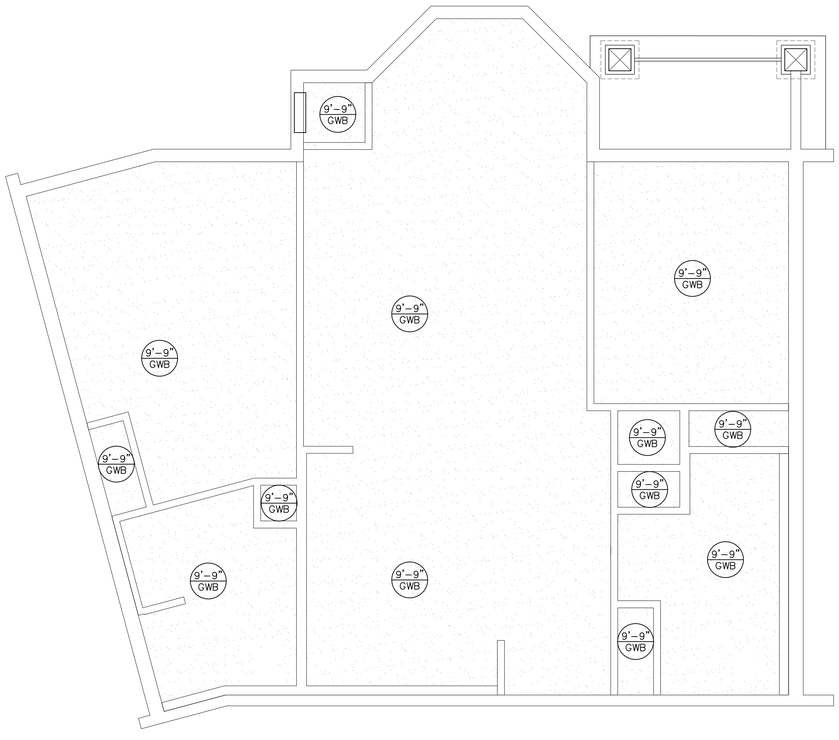
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- 2x6 WOOD STUDS @ 16" O.C.
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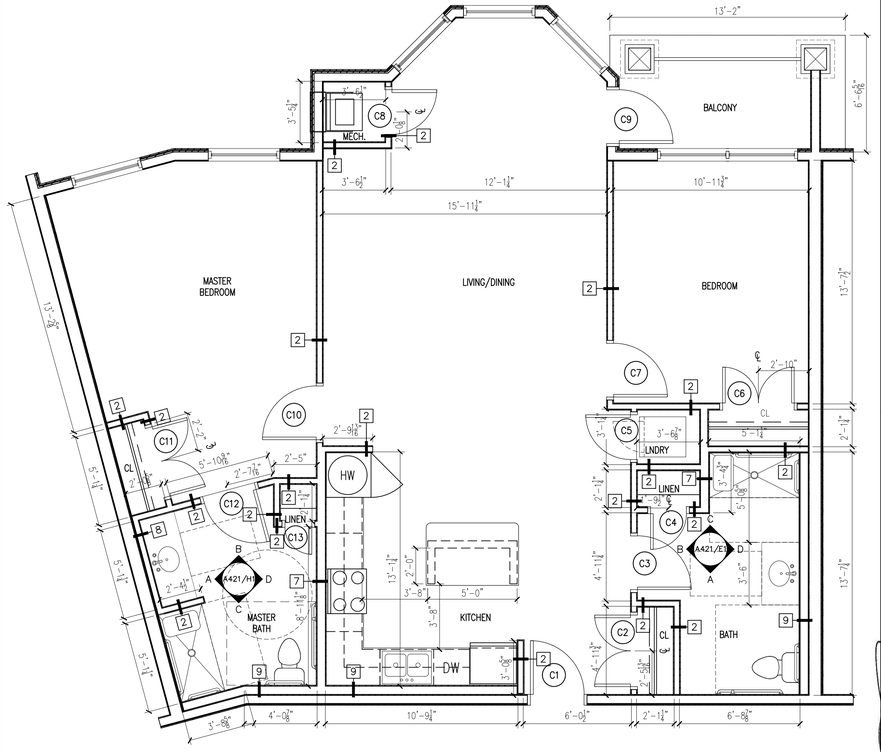
G-9 ENLARGED TYPICAL FLOOR PLAN
1/4"=1'-0" UNIT C

NOTES:
1. FINAL KITCHEN LAYOUT BY OTHERS.
2. REFER TO ELECTRICAL DWG'S FOR LIGHTING LAYOUT, LIGHTING FIXTURE MANUFACTURER AND STYLE.
3. REFER TO FIRE PROTECTION DWG'S FOR SPRINKLER DESIGN/LAYOUT.
4. FINAL PLUMBING FIXTURE SELECTION PER OWNER.
5. EXACT MFG. AND STYLE OF ALL FINISHES TO BE SELECTED PER OWNER - REFER TO FINISH SCHEDULE PAGE A601 FOR MORE INFORMATION.
6. PROVIDE A 25 POUND B/C RESIDENTIAL FIRE EXTINGUISHER IN EACH APARTMENT.

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A-1 REFLECTED TYPICAL CEILING PLAN
1/4"=1'-0" UNIT C



A-9 ENLARGED TYPICAL FLOOR PLAN
1/4"=1'-0" UNIT C

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PHONE 845-452-2268 FAX 845-452-3752

PROJECT
HOPEWELL SENIOR LIVING
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HOPEWELL JUNCTION, N.Y.

DRAWING
ENLARGED TYPICAL PLAN & RCP
UNIT C

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GENERAL RESIDENTIAL UNIT ROOM FINISH SCHEDULE

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			MATERIAL	FINISH	MATERIAL	FINISH	HEIGHT	
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KITCHEN	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
WASHER/DRYER CLOSET	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	*USE MOISTURE RESISTANT GWB ON ALL WASHER/DRYER CLOSET WALLS & CEILINGS
LIVING/DINING AREA	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
BATHROOM	CT-1	CB	GWB	P-1	GWB	P-3	9'-8 1/2"	*USE MOISTURE RESISTANT GWB ON ALL BATHROOM WALLS & CEILINGS, MARBLE THRESHOLD AT ENTRY DOOR
LINEN CLOSET	CT-1	CB	GWB	P-1	GWB	P-3	9'-8 1/2"	*USE MOISTURE RESISTANT GWB ON ALL BATHROOM WALLS & CEILINGS
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ALL OTHER CLOSETS	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	

UNIT D DOOR AND FRAME SCHEDULE

MARK	DOOR SIZE WD	HGT	THK	TYPE	MATL	FINISH	GLAZING	FRAME TYPE	MATL	FINISH	FIRE RATING LABEL	HARDWARE SET NO	KEYSIDE RM NO	NOTES
D1*	3'-0"	7'-0"	1 3/4"	D11	WD	ST	N/A	F4	H.M.	P-2	30 MIN		--	ENTRY
D2	(2)2'-0"	7'-0"	1 3/4"	D12	WD	P-2	N/A	F1	WD	P-2	N/A		--	PASSAGE
D3	3'-0"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PASSAGE
D4	1'-6"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PRIVACY
D5	3'-0"	7'-0"	1 3/4"	D12	WD	P-2	N/A	F1	WD	P-2	N/A		--	PASSAGE
D6	(2)3'-0"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PASSAGE
D7	3'-0"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PRIVACY
D8	(2)2'-0"	7'-0"	1 3/4"	D12	WD	P-2	N/A	F1	WD	P-2	N/A		--	PASSAGE
D9	6'-0"	7'-0"	1 3/4"	D7	WD/VINYL	MANUF.	INSULATED	MANUF.	WD/VINYL	MANUF.	N/A		--	ENTRY
D10	2'-6"	7'-0"	1 3/4"	D5	WD	P-2	N/A	F2	WD	P-2	N/A		--	PASSAGE
D11	2'-6"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PASSAGE
D12	6'-0"	7'-0"	1 3/4"	D7	WD/VINYL	MANUF.	INSULATED	MANUF.	WD/VINYL	MANUF.	N/A		--	ENTRY

DOOR NOTES:
1. SEE DRAWING A-6.00 FOR ADDITIONAL DOOR INFORMATION.
2. * INDICATES A RATED DOOR SELF-CLOSING.
3. EXACT STYLES AND MANUFACTURER TO BE VERIFIED BY OWNER.
4. ALL DOORS TO BE EQUIPPED W/ FLOOR, WALL OR OVERHEAD STOPS.
5. ALL HARDWARE FINISHES TO BE VERIFIED W/ OWNER.
6. KEYING TO BE COORDINATED WITH OWNER MASTER KEYING STANDARD. GC TO PROVIDE FINISH CORES AND CONFIRM ALL KEYING REQUIREMENTS PRIOR TO PLACING ORDER.
7. DOOR & FRAME SCHEDULE IS SIMILAR FOR ALL MATCHING TYPE UNITS.
8. ALL GLAZING IN DOORS TO BE TEMPERED GLASS.

WALL TYPE LEGEND

1 — UL ASSEMBLY DESIGN NO. U311
(1 HOUR, STC 52)
-2X6 WOOD STUDS 16" O.C.
-RC-1 CHANNELS @ 24" O.C HORIZONTALLY ONE SIDE
-3" THERMAFIBER S.A.F.B.
-5/8" GYP. BD. BOTH SIDES

2 — -2x4 WOOD STUDS @ 16" O.C.
-5/8" GYPSUM BD. BOTH SIDES
-PROVIDE SOUND BATT INSULATION @ BEDROOM & BATHROOM WALLS

3 (1) — UL ASSEMBLY DESIGN NO. U341
(1 HOUR, STC 62)
-5/8" QUIETROCK 530
-2X4 WOOD STUDS 16" O.C.
-SOUND BATT INSULATION
-5/8" QUIETROCK 530
-5/8" TYPE 'X' GYP. BOARD ONE SIDE

3 (2) — UL ASSEMBLY DESIGN NO. U341
(1 HOUR, STC 62)
-5/8" QUIETROCK 530
-2X4 WOOD STUDS 16" O.C.
-SOUND BATT INSULATION
-(2) LAYERS 5/8" TYPE 'X' GYP. BOARD

3 (3) — UL ASSEMBLY DESIGN NO. U341
(1 HOUR, STC 62)
-5/8" QUIETROCK TYPE 'X' GYP. BOARD
-2X4 WOOD STUDS 16" O.C.
-SOUND BATT INSULATION
-(2) LAYERS 5/8" TYPE 'X' GYP. BOARD

4 — -2X6 WOOD STUDS @ 16" O.C.
-R-20 FIBERGLASS BATT INSUL.
-5/8" GYPSUM BD. @ INTERIOR SIDE
-1-1/2" ZIP-R-SHEATHING (R-6 CONTINUOUS)
-SIDING PER ELEVATIONS

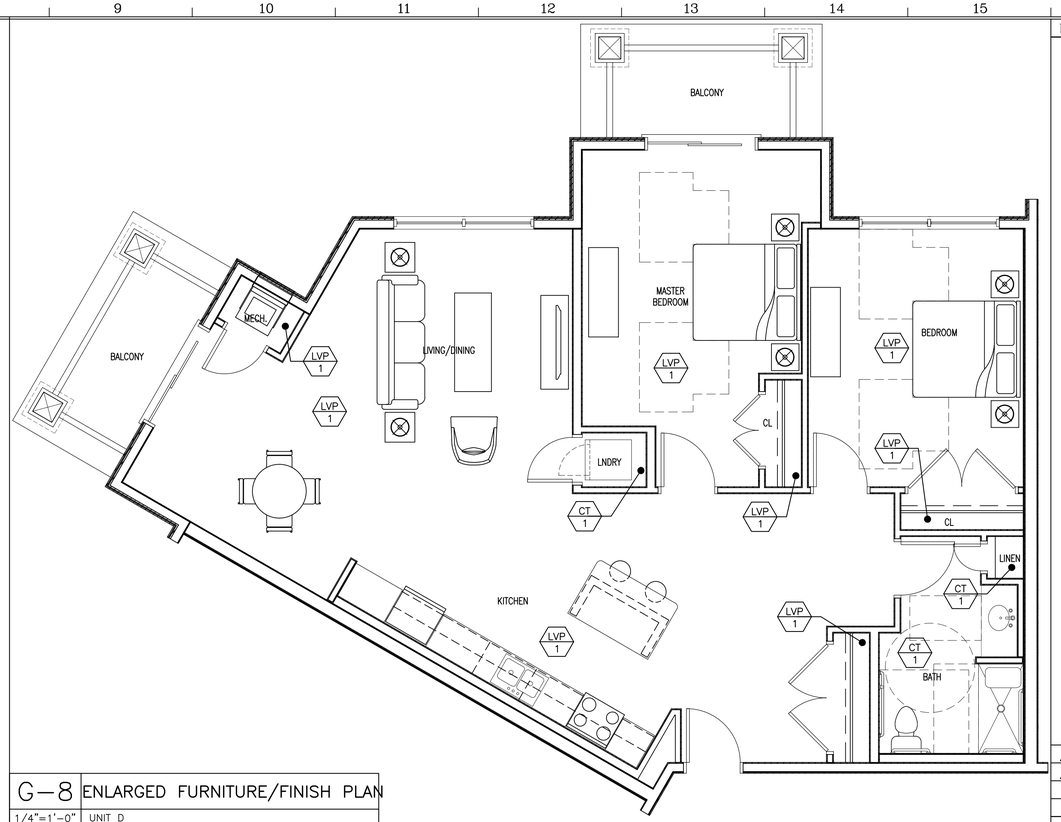
5 — -2x6 WOOD STUDS @ 16" O.C.
-5/8" GYPSUM BD. @ INTERIOR SIDE
-1-1/2" ZIP-R-SHEATHING (R-6 CONTINUOUS)
-SIDING PER ELEVATIONS

6 — UL ASSEMBLY DESIGN NO. U301
(2 HOUR, STC 52)
-2X6 WOOD STUDS 16" O.C.
-1 LAYER 3/4" STRUCTURAL SHEATHING
-(2) LAYERS 5/8" GYP. BD. BOTH SIDES
-SOUND BATT INSULATION

7 — -2x6 WOOD STUDS @ 16" O.C.
-5/8" GYPSUM BD. BOTH SIDES
-PROVIDE SOUND BATT INSULATION @ BEDROOM & BATHROOM WALLS

8 — -2x4 WOOD STUDS @ 16" O.C.
-5/8" GYPSUM BD. INTERIOR SIDE

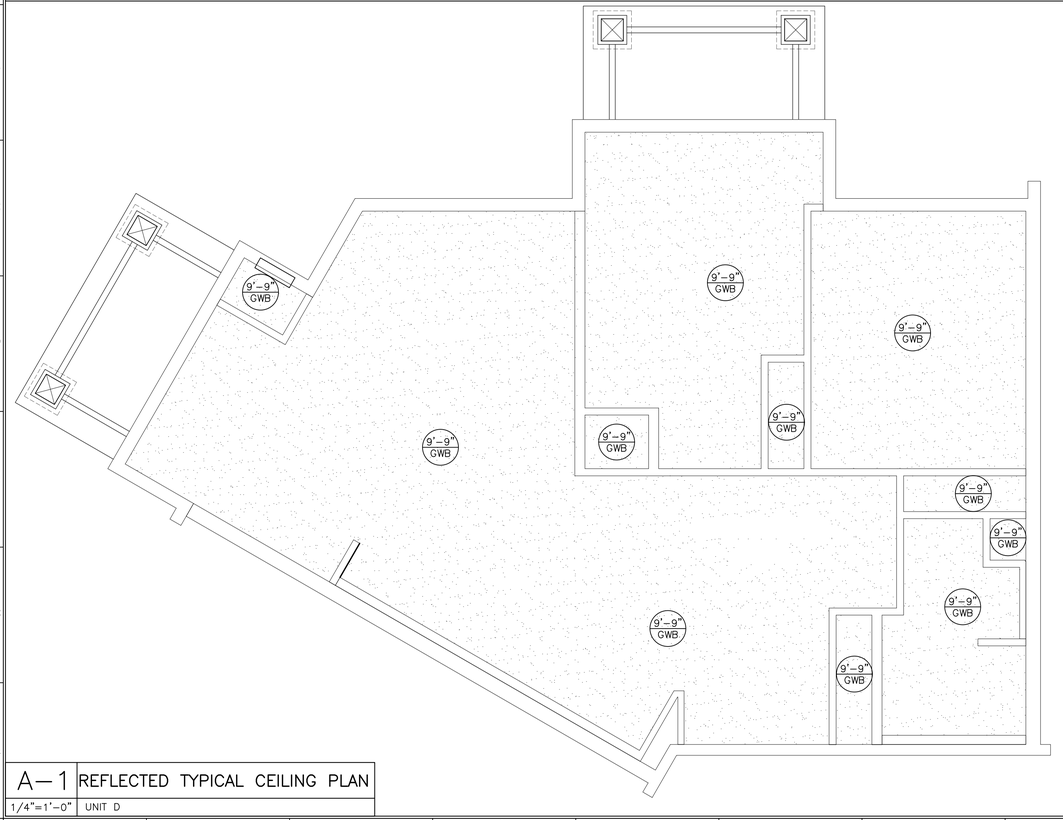
9 — -2x6 WOOD STUDS @ 16" O.C.
-5/8" GYPSUM BD. INTERIOR SIDE



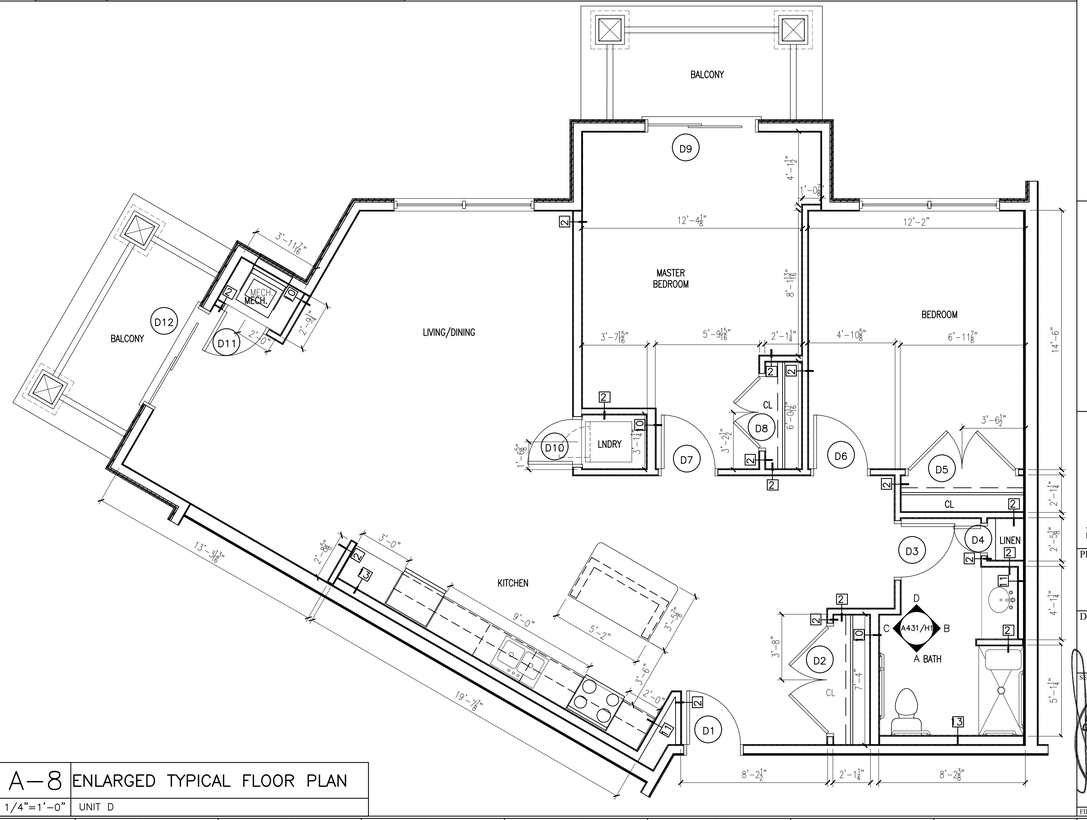
G-8 ENLARGED FURNITURE/FINISH PLAN
1/4"=1'-0" UNIT D

NOTES:
1. FINAL KITCHEN LAYOUT BY OTHERS.
2. REFER TO ELECTRICAL DWG'S FOR LIGHTING LAYOUT, LIGHTING FIXTURE MANUFACTURER AND STYLE.
3. REFER TO FIRE PROTECTION DWG'S FOR SPRINKLER DESIGN/LAYOUT.
4. FINAL PLUMBING FIXTURE SELECTION PER OWNER.
5. EXACT MFG. AND STYLE OF ALL FINISHES TO BE SELECTED PER OWNER – REFER TO FINISH SCHEDULE PAGE A601 FOR MORE INFORMATION.
6. PROVIDE A 25 POUND B/C RESIDENTIAL FIRE EXTINGUISHER IN EACH APARTMENT.

No.	REVISION/SUBMISSION	DATE
	ISSUED FOR BID	11/12/21



A-1 REFLECTED TYPICAL CEILING PLAN
1/4"=1'-0" UNIT D



A-8 ENLARGED TYPICAL FLOOR PLAN
1/4"=1'-0" UNIT D

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NY – 89039 NJ – GE050037 PA – PE079303
MA – 53197 CT – 32283 FL – 85928

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POUGHKEEPSIE, NEW YORK 12601
PHONE 845-452-2268 FAX 845-452-3752

PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

DRAWING
ENLARGED TYPICAL PLAN & RCP
UNIT D

SEAL: REGISTERED ARCHITECT MICHAEL J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11-12-21

DRAWING NUMBER
A430

FILE P:\2018\18105-SEGRETI EAST FISHKILL APARTMENTS

GENERAL RESIDENTIAL UNIT ROOM FINISH SCHEDULE

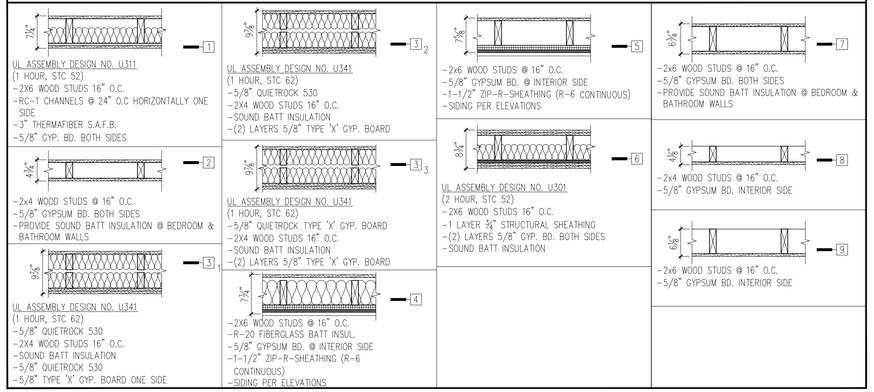
ROOM NAME	FLOOR	BASE TRIM	WALLS		CEILINGS			REMARKS
			MATERIAL	FINISH	MATERIAL	FINISH	HEIGHT	
ENTRY	LVP-1	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
KITCHEN	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
WASHER/DRYER CLOSET	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	*USE MOISTURE RESISTANT GWB ON ALL WASHER/DRYER CLOSET WALLS & CEILINGS
LIVING/DINING AREA	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
BATHROOM	CT-1	CB	GWB	P-1	GWB	P-3	9'-8 1/2"	*USE MOISTURE RESISTANT GWB ON ALL BATHROOM WALLS & CEILINGS, MARBLE THRESHOLD AT ENTRY DOOR
LINEN CLOSET	CT-1	CB	GWB	P-1	GWB	P-3	9'-8 1/2"	*USE MOISTURE RESISTANT GWB ON ALL BATHROOM WALLS & CEILINGS
GUEST BEDROOM	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
MASTER BEDROOM	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
MASTER BATHROOM	CT-1	CB	GWB	P-1	GWB	P-3	9'-8 1/2"	*USE MOISTURE RESISTANT GWB ON ALL BATHROOM WALLS & CEILINGS, MARBLE THRESHOLD AT ENTRY DOOR
MECHANICAL CLOSET	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
ALL OTHER CLOSETS	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	

UNIT E DOOR AND FRAME SCHEDULE

MARK	DOOR SIZE WD	SIZE HGT	SIZE THK	TYPE	MATL	FINISH	GLAZING	FRAME TYPE	FRAME MATL	FRAME FINISH	FIRE RATING LABEL	HARDWARE SET NO	HARDWARE KEYSIDE RM NO	NOTES
E1*	3'-0"	7'-0"	1 3/4"	D11	WD	ST	N/A	F4	H.M.	P-2	30 MIN		--	ENTRY
E2	(2)2'-0"	7'-0"	1 3/4"	D12	WD	P-2	N/A	F1	WD	P-2	N/A		--	PASSAGE
E3	1'-6"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PASSAGE
E4	3'-0"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PRIVACY
E5	2'-6"	7'-0"	1 3/4"	D5	WD	P-2	N/A	F2	WD	P-2	N/A		--	PASSAGE
E6	(2)2'-6"	7'-0"	1 3/4"	D12	WD	P-2	N/A	F1	WD	P-2	N/A		--	PASSAGE
E7	3'-0"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PRIVACY
E8	2'-6"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PASSAGE

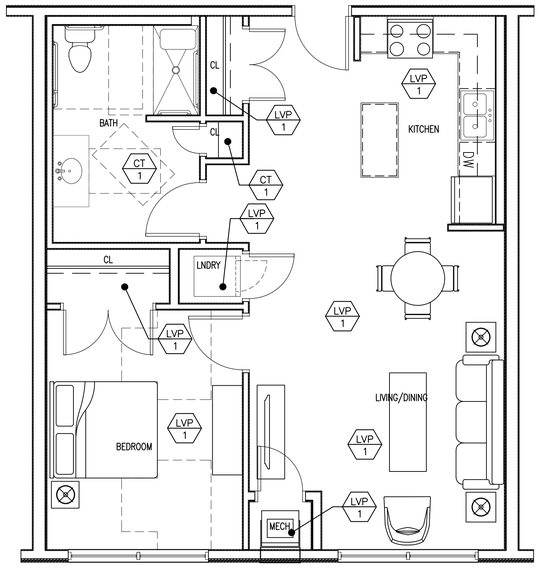
DOOR NOTES:
1. SEE DRAWING A600 FOR ADDITIONAL DOOR INFORMATION.
2. * INDICATES A RATED DOOR SELF-CLOSING.
3. EXACT STYLES AND MANUFACTURER TO BE VERIFIED BY OWNER.
4. ALL DOORS TO BE EQUIPPED W/ FLOOR, WALL OR OVERHEAD STOPS.
5. ALL HARDWARE FINISHES TO BE VERIFIED W/ OWNER.
6. KEYING TO BE COORDINATED WITH OWNER MASTER KEYING STANDARD. GC TO PROVIDE FINISH CORES AND CONFIRM ALL KEYING REQUIREMENTS PRIOR TO PLACING ORDER.
7. DOOR & FRAME SCHEDULE IS SIMILAR FOR ALL MATCHING TYPE UNITS.
8. ALL GLAZING IN DOORS TO BE TEMPERED GLASS.

WALL TYPE LEGEND

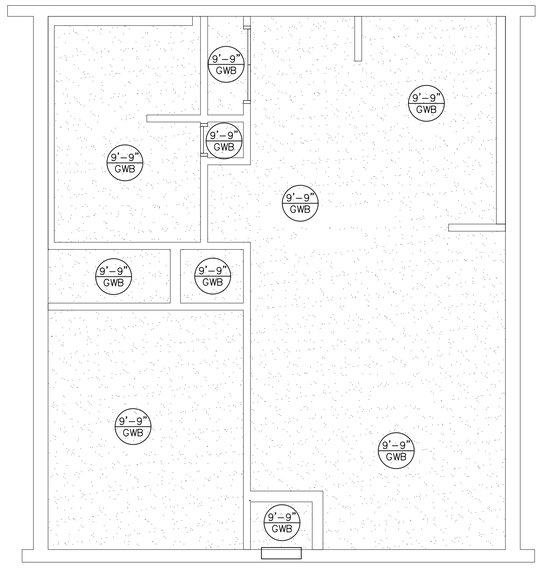


NOTES:
1. FINAL KITCHEN LAYOUT BY OTHERS.
2. REFER TO ELECTRICAL DWG'S FOR LIGHTING LAYOUT, LIGHTING FIXTURE MANUFACTURER AND STYLE.
3. REFER TO FIRE PROTECTION DWG'S FOR SPRINKLER DESIGN/LAYOUT.
4. FINAL PLUMBING FIXTURE SELECTION PER OWNER.
5. EXACT MFG. AND STYLE OF ALL FINISHES TO BE SELECTED PER OWNER – REFER TO FINISH SCHEDULE PAGE A601 FOR MORE INFORMATION.
6. PROVIDE A 25 POUND B/C RESIDENTIAL FIRE EXTINGUISHER IN EACH APARTMENT.

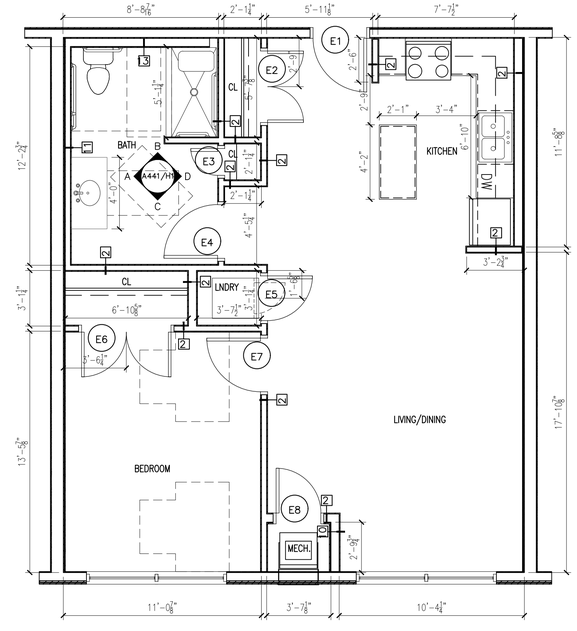
No.	REVISION/SUBMISSION	DATE
	ISSUED FOR BID	11/12/21



A-1 FURTINURE/FINISH PLAN
1/4"=1'-0" UNIT E



A-6 REFLECTED TYPICAL CEILING PLAN
1/4"=1'-0" UNIT E



A-11 ENLARGED TYPICAL FLOOR PLAN
1/4"=1'-0" UNIT E

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POUGHKEEPSIE, NEW YORK 12601
PHONE 845-452-2268 FAX 845-452-3752

PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

DRAWING
ENLARGED TYPICAL PLAN & RCP
UNIT E

SEAL: REGISTERED ARCHITECT MICHAEL J. McCORMACK No. 018322-1 STATE OF NEW YORK

DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11-12-21

DRAWING NUMBER
A440

FILE P:\2018\18105-SEGRETI EAST FISHKILL APARTMENTS

GENERAL RESIDENTIAL UNIT ROOM FINISH SCHEDULE

ROOM NAME	FLOOR	BASE TRIM	WALLS		CEILINGS			REMARKS
			MATERIAL	FINISH	MATERIAL	FINISH	HEIGHT	
ENTRY	LVP-1	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
KITCHEN	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
WASHER/DRYER CLOSET	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	*USE MOISTURE RESISTANT GWB ON ALL WASHER/DRYER CLOSET WALLS & CEILINGS
LIVING/DINING AREA	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
BATHROOM	CT-1	CB	GWB	P-1	GWB	P-3	9'-8 1/2"	*USE MOISTURE RESISTANT GWB ON ALL BATHROOM WALLS & CEILINGS, MARBLE THRESHOLD AT ENTRY DOOR
LINEN CLOSET	CT-1	CB	GWB	P-1	GWB	P-3	9'-8 1/2"	*USE MOISTURE RESISTANT GWB ON ALL BATHROOM WALLS & CEILINGS
GUEST BEDROOM	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
MASTER BEDROOM	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
MASTER BATHROOM	CT-1	CB	GWB	P-1	GWB	P-3	9'-8 1/2"	*USE MOISTURE RESISTANT GWB ON ALL BATHROOM WALLS & CEILINGS, MARBLE THRESHOLD AT ENTRY DOOR
MECHANICAL CLOSET	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
ALL OTHER CLOSETS	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	

UNIT F DOOR AND FRAME SCHEDULE

MARK	DOOR SIZE WD	SIZE HGT	SIZE THK	TYPE	MATL	FINISH	GLAZING	FRAME TYPE	FRAME MATL	FRAME FINISH	FIRE RATING LABEL	HARDWARE SET NO	HARDWARE KEYSIDE RM NO	NOTES
F1*	3'-0"	7'-0"	1 3/4"	D11	WD	ST	N/A	F4	H.M.	P-2	30 MIN		--	ENTRY
F2	(2)2'-0"	7'-0"	1 3/4"	D12	WD	P-2	N/A	F1	WD	P-2	N/A		--	PASSAGE
F3	1'-6"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PASSAGE
F4	3'-0"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PRIVACY
F5	2'-6"	7'-0"	1 3/4"	D5	WD	P-2	N/A	F2	WD	P-2	N/A		--	PASSAGE
F6	(2)2'-6"	7'-0"	1 3/4"	D12	WD	P-2	N/A	F1	WD	P-2	N/A		--	PASSAGE
F7	3'-0"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PRIVACY
F8	2'-6"	7'-0"	1 3/4"	D11	WD	P-2	N/A	F2	WD	P-2	N/A		--	PASSAGE
F9	6'-0"	7'-0"	1 3/4	D7	WD/VINYL	MANUF.	INSULATED	MANUF.	WD/VINYL	MANUF.	N/A		--	ENTRY

DOOR NOTES:
1. SEE DRAWING A600 FOR ADDITIONAL DOOR INFORMATION.
2. * INDICATES A RATED DOOR SELF-CLOSING.
3. EXACT STYLES AND MANUFACTURER TO BE VERIFIED BY OWNER.
4. ALL DOORS TO BE EQUIPPED W/ FLOOR, WALL OR OVERHEAD STOPS.
5. ALL HARDWARE FINISHES TO BE VERIFIED W/ OWNER.
6. KEYING TO BE COORDINATED WITH OWNER MASTER KEYING STANDARD. GC TO PROVIDE FINISH CORES AND CONFIRM ALL KEYING REQUIREMENTS PRIOR TO PLACING ORDER.
7. DOOR & FRAME SCHEDULE IS SIMILAR FOR ALL MATCHING TYPE UNITS.
8. ALL GLAZING IN DOORS TO BE TEMPERED GLASS.

WALL TYPE LEGEND

1 — UL ASSEMBLY DESIGN NO. U311
(1 HOUR, STC 52)
- 2X6 WOOD STUDS 16" O.C.
- RC-1 CHANNELS @ 24" O.C HORIZONTALLY ONE SIDE
- 3" THERMAFIBER S.A.F.B.
- 5/8" GYP. BD. BOTH SIDES

2 — 4⅝"
- 2x4 WOOD STUDS @ 16" O.C.
- 5/8" GYPSUM BD. BOTH SIDES
- PROVIDE SOUND BATT INSULATION @ BEDROOM & BATHROOM WALLS

3 1 — 9⅛"
UL ASSEMBLY DESIGN NO. U341
(1 HOUR, STC 62)
- 5/8" QUIETROCK 530
- 2X4 WOOD STUDS 16" O.C.
- SOUND BATT INSULATION
- 5/8" TYPE 'X' GYP. BOARD ONE SIDE

3 2 — 9⅛"
UL ASSEMBLY DESIGN NO. U341
(1 HOUR, STC 62)
- 5/8" QUIETROCK 530
- 2X4 WOOD STUDS 16" O.C.
- SOUND BATT INSULATION
- (2) LAYERS 5/8" TYPE 'X' GYP. BOARD

3 3 — 9⅛"
UL ASSEMBLY DESIGN NO. U341
(1 HOUR, STC 62)
- 5/8" QUIETROCK TYPE 'X' GYP. BOARD
- 2X4 WOOD STUDS 16" O.C.
- SOUND BATT INSULATION
- (2) LAYERS 5/8" TYPE 'X' GYP. BOARD

4 — 7¼"
- 2X6 WOOD STUDS @ 16" O.C.
- R-20 FIBERGLASS BATT INSUL.
- 5/8" GYPSUM BD. @ INTERIOR SIDE
- 1-1/2" ZIP-R-SHEATHING (R-6 CONTINUOUS)
- SIDING PER ELEVATIONS

5 — 7⅛"
- 2x6 WOOD STUDS @ 16" O.C.
- 5/8" GYPSUM BD. @ INTERIOR SIDE
- 1-1/2" ZIP-R-SHEATHING (R-6 CONTINUOUS)
- SIDING PER ELEVATIONS

6 — 8⅛"
UL ASSEMBLY DESIGN NO. U301
(2 HOUR, STC 52)
- 2X6 WOOD STUDS 16" O.C.
- 1 LAYER ¾" STRUCTURAL SHEATHING
- (2) LAYERS 5/8" GYP. BD. BOTH SIDES
- SOUND BATT INSULATION

7 — 6¾"
- 2x6 WOOD STUDS @ 16" O.C.
- 5/8" GYPSUM BD. BOTH SIDES
- PROVIDE SOUND BATT INSULATION @ BEDROOM & BATHROOM WALLS

8 — 4⅝"
- 2x4 WOOD STUDS @ 16" O.C.
- 5/8" GYPSUM BD. INTERIOR SIDE

9 — 6⅛"
- 2x6 WOOD STUDS @ 16" O.C.
- 5/8" GYPSUM BD. INTERIOR SIDE

NOTES:
1. FINAL KITCHEN LAYOUT BY OTHERS.
2. REFER TO ELECTRICAL DWG'S FOR LIGHTING LAYOUT, LIGHTING FIXTURE MANUFACTURER AND STYLE.
3. REFER TO FIRE PROTECTION DWG'S FOR SPRINKLER DESIGN/LAYOUT.
4. FINAL PLUMBING FIXTURE SELECTION PER OWNER.
5. EXACT MFG. AND STYLE OF ALL FINISHES TO BE SELECTED PER OWNER – REFER TO FINISH SCHEDULE PAGE A601 FOR MORE INFORMATION.
6. PROVIDE A 25 POUND B/C RESIDENTIAL FIRE EXTINGUISHER IN EACH APARTMENT.

No.	REVISION/SUBMISSION	DATE
	ISSUED FOR BID	11/12/21

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

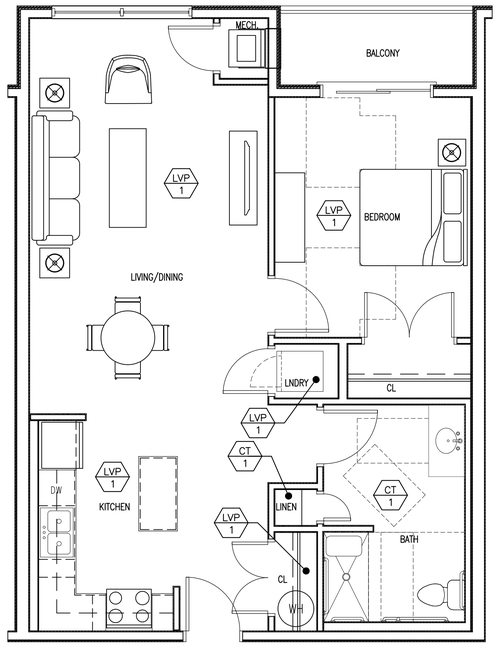
DRAWING
ENLARGED TYPICAL PLAN & RCP
UNIT F

SEAL — REGISTERED ARCHITECT — MICHAEL J. McCORMACK — No. 018322-1 — STATE OF NEW YORK

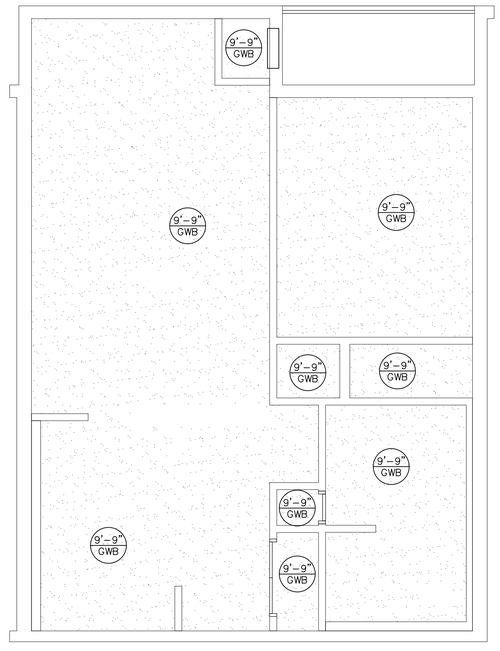
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TS	18105
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DP	11-12-21

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A450

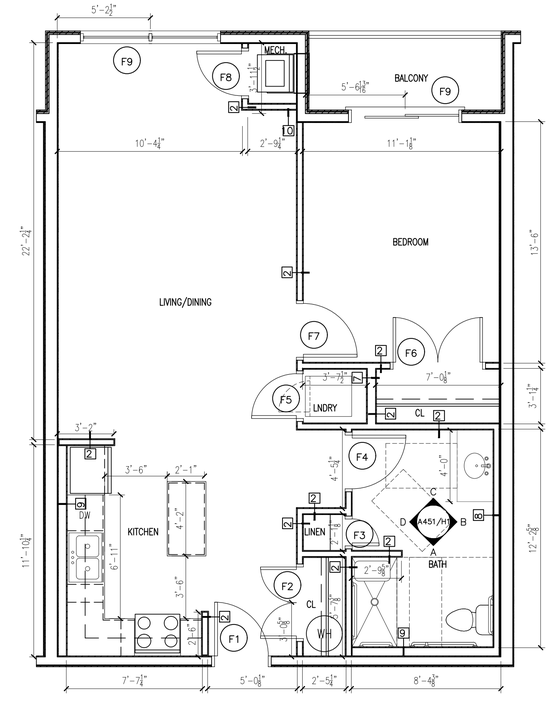
FILE P:\2018\18105-SEGRETI EAST FISHKILL APARTMENTS



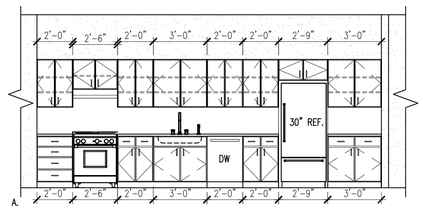
A-1 FURTHER/FINISH PLAN
1/4"=1'-0" UNIT F



A-6 REFLECTED TYPICAL CEILING PLAN
1/4"=1'-0" UNIT F

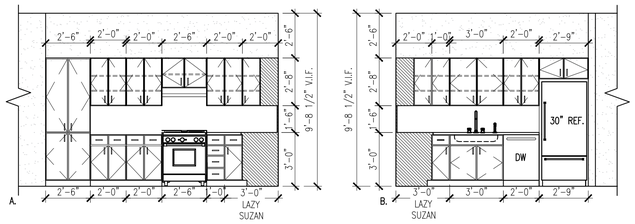


A-11 ENLARGED TYPICAL FLOOR PLAN
1/4"=1'-0" UNIT F



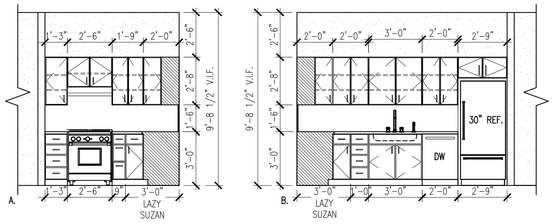
J–3 KITCHEN INTERIOR ELEVATIONS

1/2"=1'-0" UNIT D



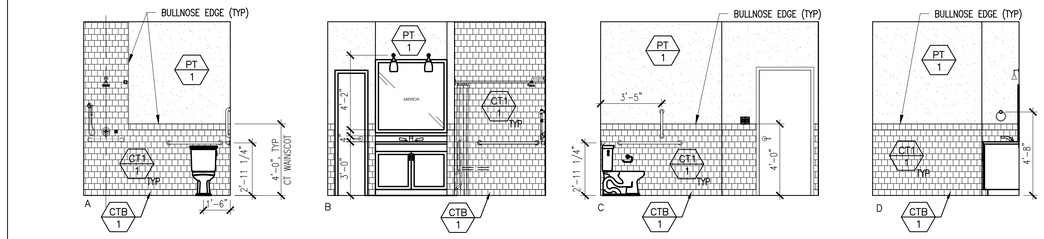
H–3 KITCHEN INTERIOR ELEVATIONS

1/2"=1'-0" UNITS B AND C SIM.



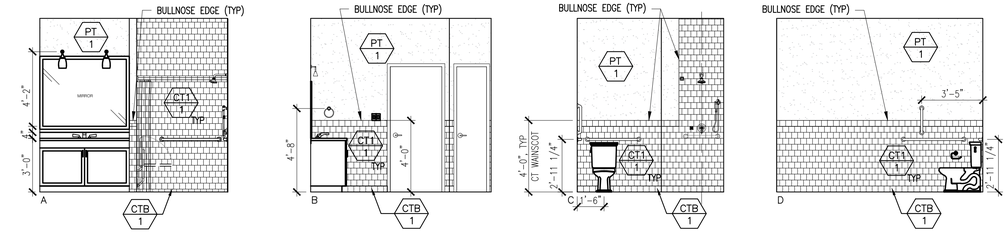
E–3 KITCHEN INTERIOR ELEVATIONS

1/2"=1'-0" UNITS A, E AND F



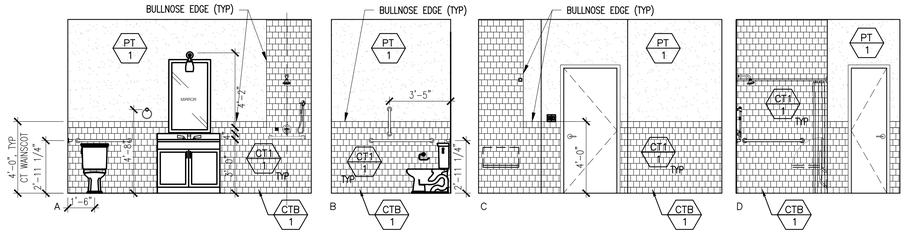
J–8 BATHROOM INTERIOR ELEVATIONS

1/2"=1'-0" UNIT D



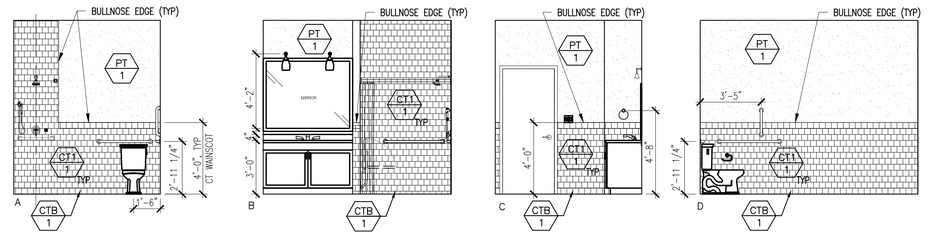
H–8 BATHROOM INTERIOR ELEVATIONS

1/2"=1'-0" UNIT C MASTER



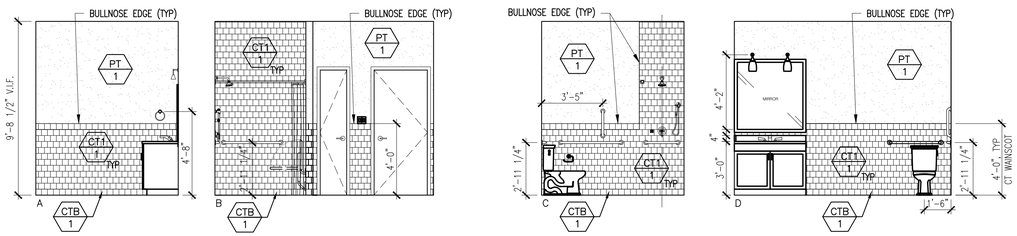
E–8 BATHROOM INTERIOR ELEVATIONS

1/2"=1'-0" UNITS B AND C SIM.



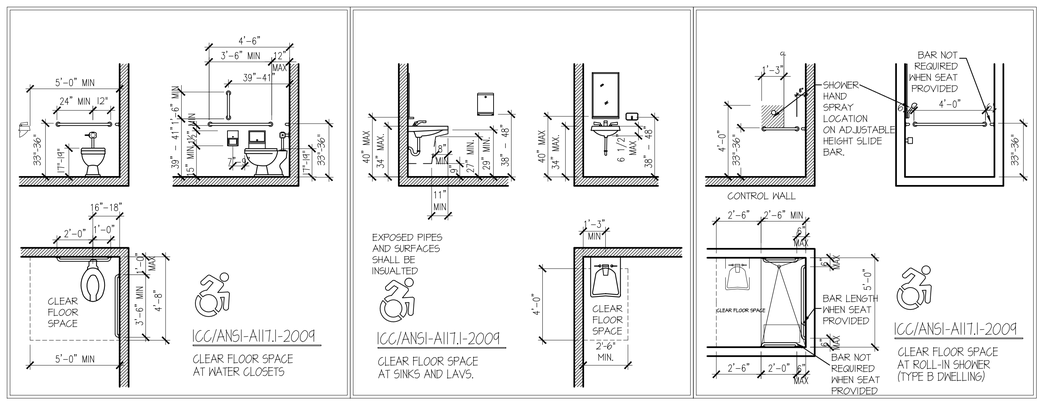
C–8 BATHROOM INTERIOR ELEVATIONS

1/2"=1'-0" UNIT B MASTER



A–8 BATHROOM INTERIOR ELEVATIONS

1/2"=1'-0" UNITS A, E AND F



NOTES:

1. FINAL KITCHEN LAYOUT BY OTHERS.
2. REFER TO ELECTRICAL DWG'S FOR LIGHTING LAYOUT, LIGHTING FIXTURE MANUFACTURER AND STYLE.
3. REFER TO FIRE PROTECTION DWG'S FOR SPRINKLER DESIGN/LAYOUT.
4. FINAL PLUMBING FIXTURE SELECTION PER OWNER.
5. EXACT MFG. AND STYLE OF ALL FINISHES TO BE SELECTED PER OWNER – REFER TO FINISH SCHEDULE PAGE A601 FOR MORE INFORMATION.
6. PROVIDE A 25 POUND B/C RESIDENTIAL FIRE EXTINGUISHER IN EACH APARTMENT.

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PHONE 845-452-2268 FAX 845-452-3752

PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

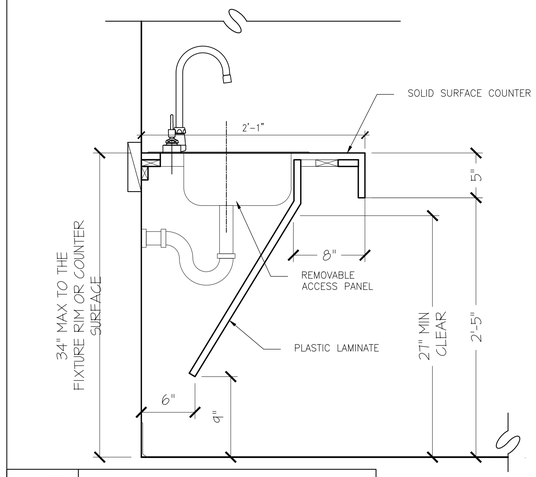
DRAWING
INTERIOR ELEVATIONS

SEAL: REGISTERED ARCHITECT MICHAEL J. McCORMACK No. 018322-1 STATE OF NEW YORK

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TS	18105
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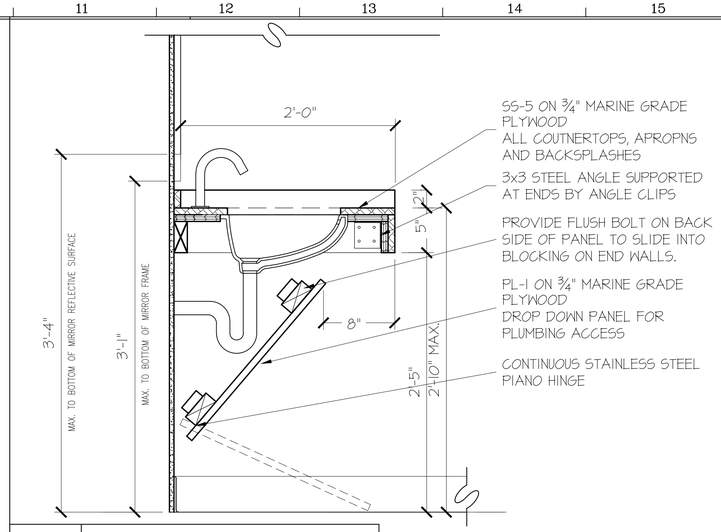
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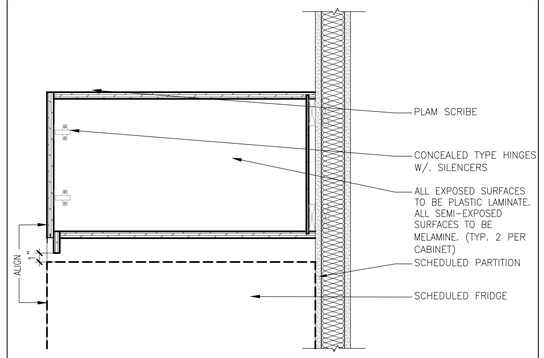
I–7 MILL WORK SECTION

1"=1'–0" HC SINK



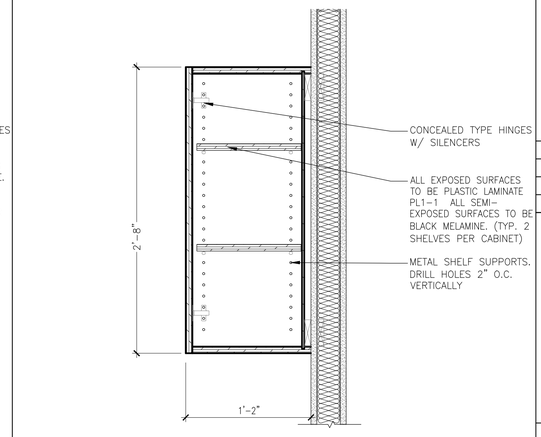
I–11 MILL WORK SECTION

1"=1'–0" HC BATHROOM SINK



E–8 MILL WORK SECTION

1"=1'–0" FRIDGE UPPER CABINET

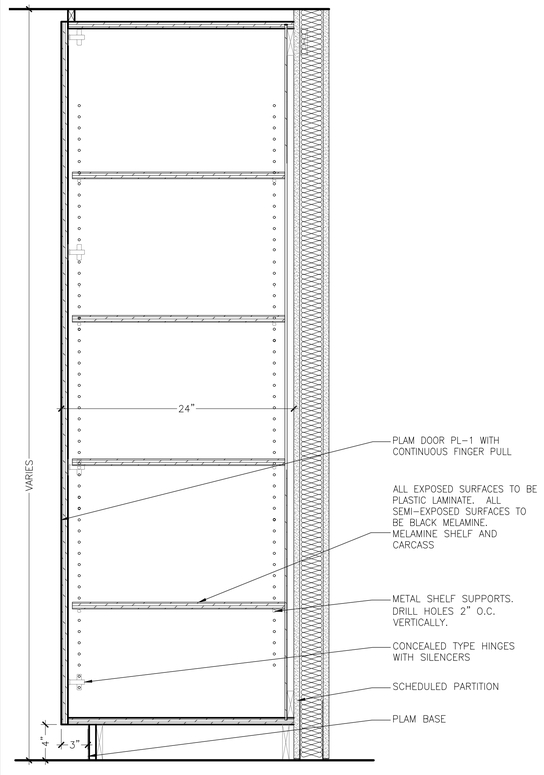


E–12 MILL WORK SECTION

1"=1'–0" UPPER CABINET

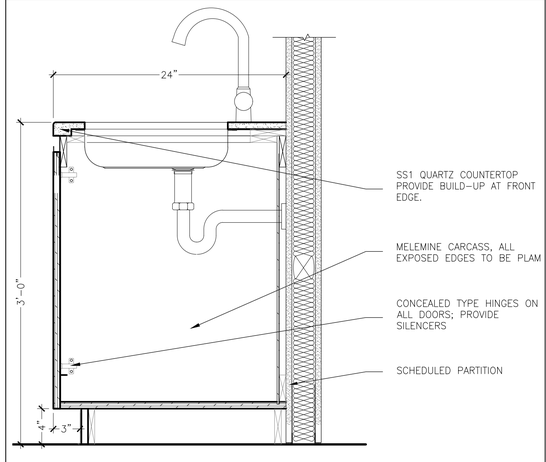
NOTE:
PROVIDE AND INSTALL ADDITIONAL BLOCKING AS REQUIRED.

NOTE:
ALL DRAWERS TO BE ON FULL EXTENSION BALL BEARING DRAWER GLIDES.



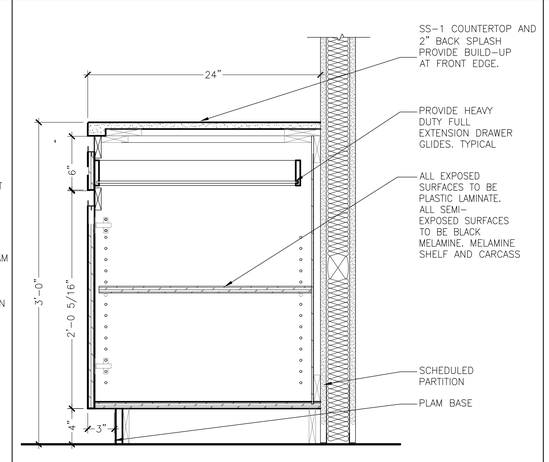
A–1 MILL WORK SECTION

1"=1'–0" PANTRY CABINET



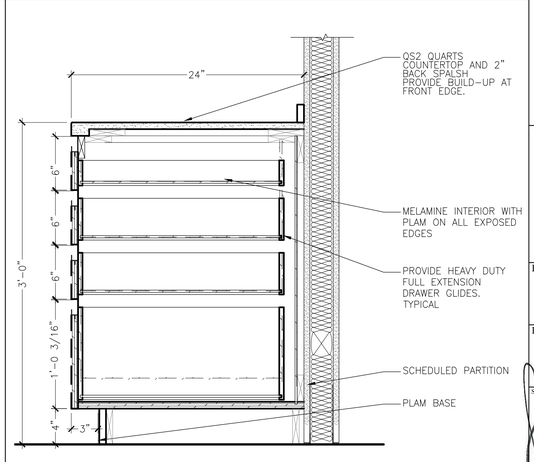
A–6 MILL WORK SECTION

1"=1'–0" KITCHEN SINK CABINET



A–8 MILL WORK SECTION

1"=1'–0" BASE CABINET



A–12 MILL WORK SECTION

1"=1'–0" DRAWER BANK CABINET

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

DRAWING
MILLWORK DETAILS & SECTIONS

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

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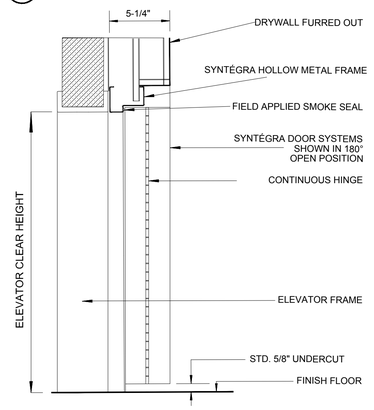
DRAWING NUMBER
A470

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SYNTÉGRA INTEGRATED DOOR SYSTEMS

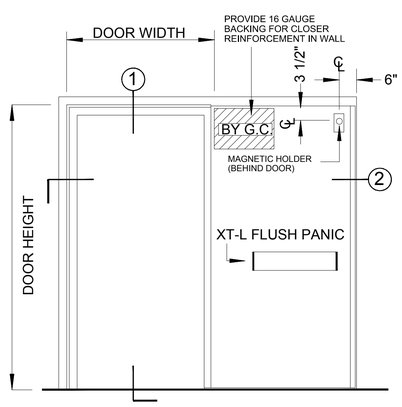
1 VERTICAL SECTION

NOT TO SCALE



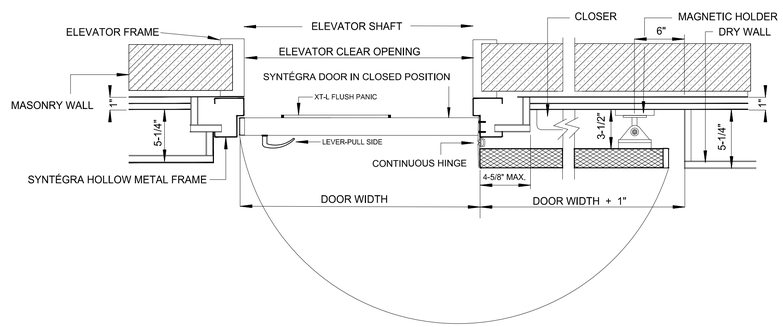
ELEVATION

NOT TO SCALE

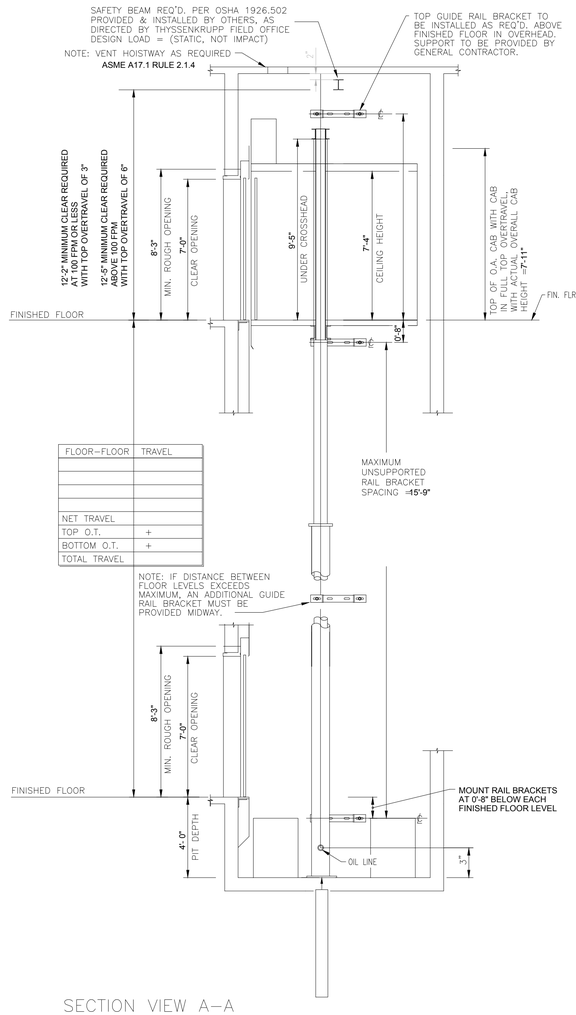


2 HORIZONTAL SECTION

NOT TO SCALE

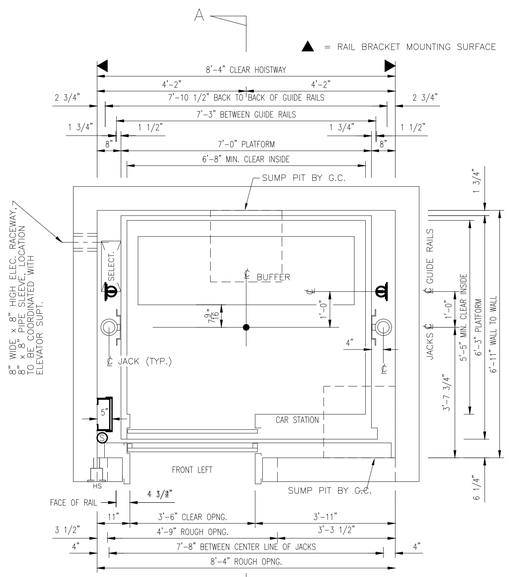


A–1	INTEGRATED FIRE DOOR
N.T.S.	ELEVATOR SHAFT DOOR ASSEMBLY



SECTION VIEW A–A

NOT TO SCALE



A
HOISTWAY PLAN

A–7	ELEVATOR DETAILS
N.T.S.	

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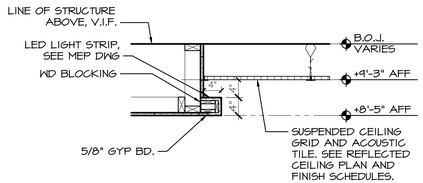
DRAWING
ELEVATOR DETAILS

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No 018322-1 STATE OF NEW YORK

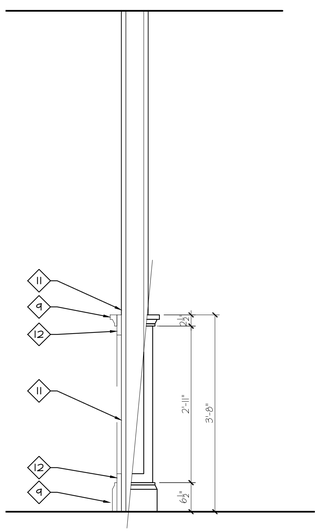
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TS	18105
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DRAWING NUMBER
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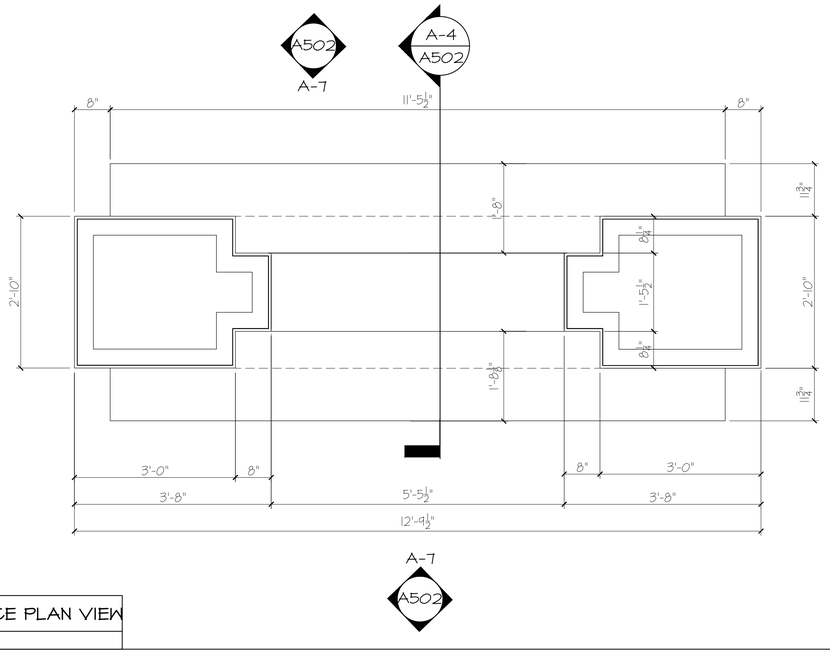
FILE P:\2018\18105-SEGRET EAST FISHKILL APARTMENTS



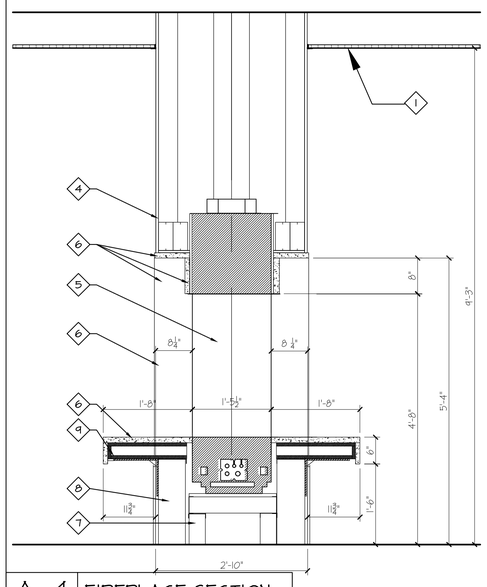
K-12 | SOFFIT DETAIL
3/4"=1'-0"



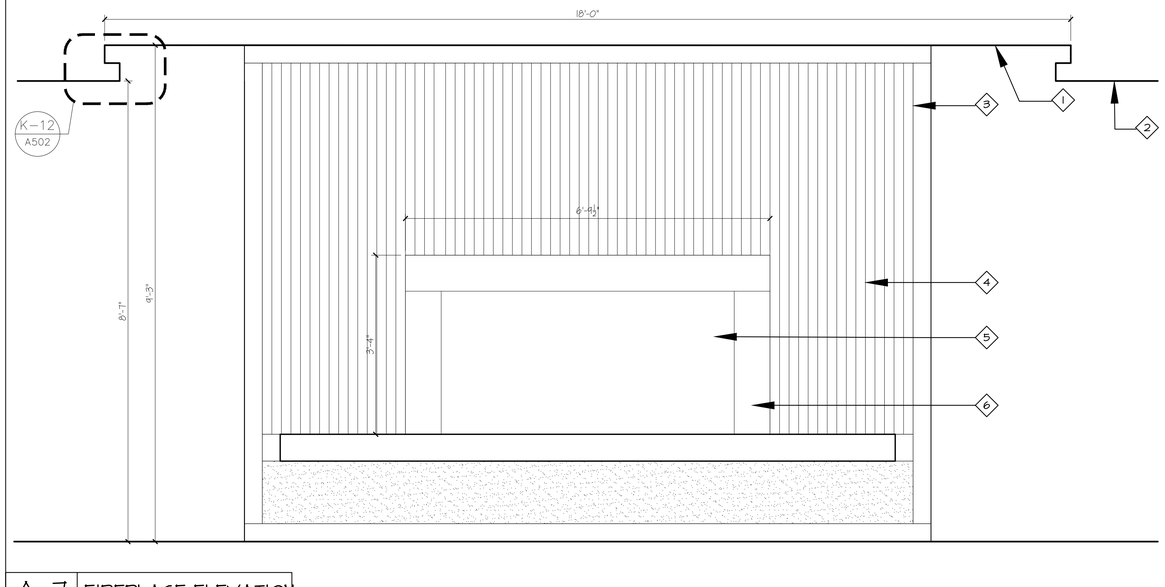
F-3 | COLUMN DETAIL
3/4"=1'-0"



F-7 | FIREPLACE PLAN VIEW
3/4"=1'-0"



A-4 | FIREPLACE SECTION
3/4"=1'-0"



A-7 | FIREPLACE ELEVATION
3/4"=1'-0"

KEYNOTES:

1. 2x2 ACT CEILING @ ±9'-4"
2. 1/2" GWB CEILING
3. PROVIDE 4" PAINTED MDF TRIM BOARDS AND CORNER BOARDS AS INDICATED (BOTH SIDES AND ENDS) AND INSTALL FIELD OF LIGHT WEIGHT COMPOSITE MINERAL PROFILE PANELING AND SEAM FINISHING SYSTEM TO CREATE A MONOLITHIC SCULPTURED WALL SURFACE. PROVIDE MODULAR ARTS, INC., DESIGN: LINEN, VERTICAL ORIENTATION OR OWNER APPROVED EQUIVALENT. PROVIDE INSTALLATION KIT AND ALL NECESSARY ACCESSORIES AND INSTALL IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS. FINISH ALL SEAMS, CLEAN, PRIME AND PAINT.
4. MODULAR ARTS "LINEN" SCULPTURED WALL SYSTEM W/ 1/2" FRT PLYWOOD BEHIND.
5. DIMPLEX OPTI-MYST® PRO 1500 60" BUILT-IN ELECTRIC FIREBOX, DOUBLE SIDED VIEWING PANELS. INSERTED UNIT WILL BE 65" IN LENGTH, 16-1/4" WIDE AND 31-3/4" TALL, DOUBLE SIDED WITH GLASS PANES AND BLACK ROCK MEDIA KIT, NO BACKER PANEL, OR OWNER APPROVED EQUIVALENT. CONNECT AND INSTALL IN ACCORDANCE WITH MANUFACTURER'S GUIDELINES.
6. PROVIDE 3CM QUARTZ ON ¾" MDF FOR 8" SURROUND AND RETURNS ON EACH SIDE OF FIREPLACE. QUARTZ MATERIAL TO BE WILSONART SALAR Q4028 OR OWNER APPROVED EQUIVALENT.
7. 3 5/8" STEEL STUDS @ 16" OC W/ ¾" FRT PLYWOOD PLATFORM
8. 6" STEEL STUDS @ 16" OC PROVIDE BLOCKING AT BRACKETS
9. ¾" MDF BUILT UP PLATFORM
10. AZEK MOULDING KIT FOR 4" COLUM WRAPS
11. AZEK 4" x 4" COLUMN WRAP
12. AZEK TRIM BOARD 1 x _

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PROJECT
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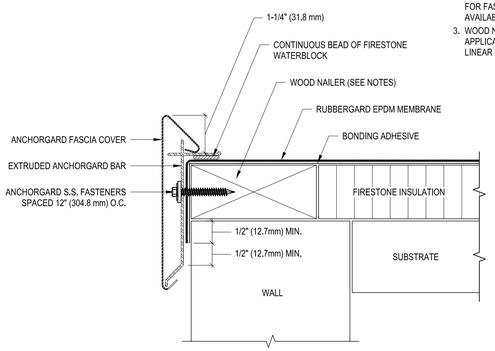
DRAWING
FIRE PLACE DETAILS

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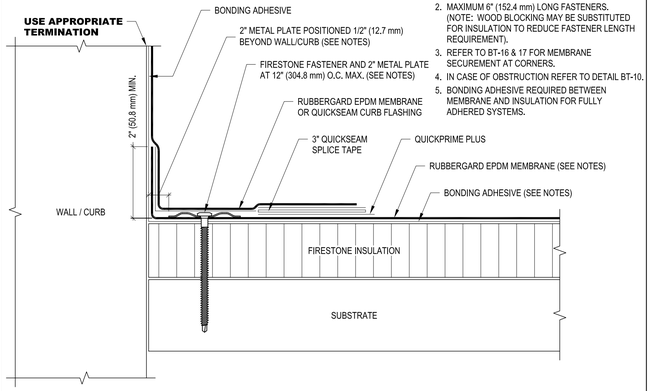
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A502

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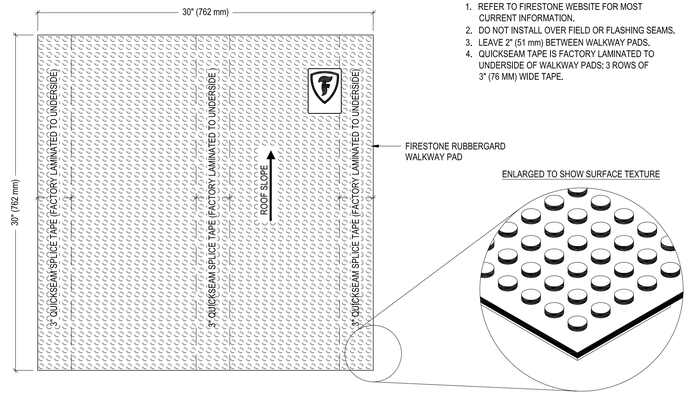
NOTES:
1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
3. WOOD NAILER MUST BE INSTALLED TO MEET APPLICABLE BUILDING CODES OR 200 LBS PER LINEAR FOOT MINIMUM IN ANY GIVEN DIRECTION.

H-1	ROOF EDGE WITH ANCHORGARD DETAIL
NTS	



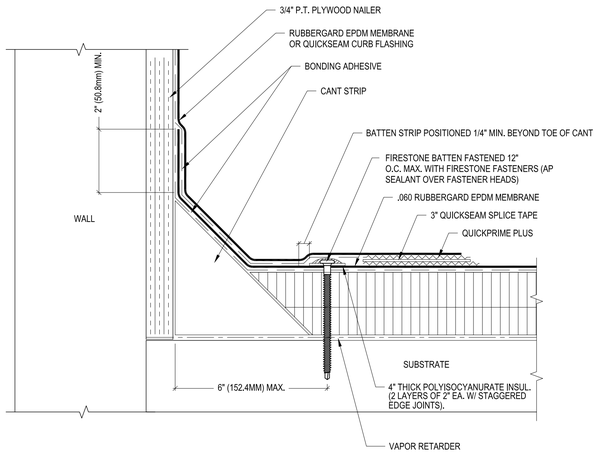
NOTES:
1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. MAXIMUM 6" (152.4 mm) LONG FASTENERS. (NOTE: WOOD BLOCKING MAY BE SUBSTITUTED FOR INSULATION TO REDUCE FASTENER LENGTH REQUIREMENT).
3. REFER TO BT-16 & 17 FOR MEMBRANE SECUREMENT AT CORNERS.
4. IN CASE OF OBSTRUCTION REFER TO DETAIL BT-10.
5. BONDING ADHESIVE REQUIRED BETWEEN MEMBRANE AND INSULATION FOR FULLY ADHERED SYSTEMS.

H-6	BASE TIE-IN W/ 2" METAL PLATES
NTS	

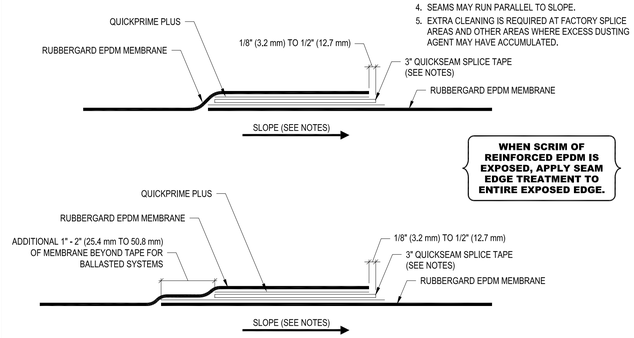


NOTES:
1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. DO NOT INSTALL OVER FIELD OR FLASHING SEAMS.
3. LEAVE 2" (51 mm) BETWEEN WALKWAY PADS.
4. QUICKSEAM TAPE IS FACTORY LAMINATED TO UNDERSIDE OF WALKWAY PADS; 3 ROWS OF 3" (76 MM) WIDE TAPE.

H-10	QUICKSEAM WALKWAY PAD
NTS	



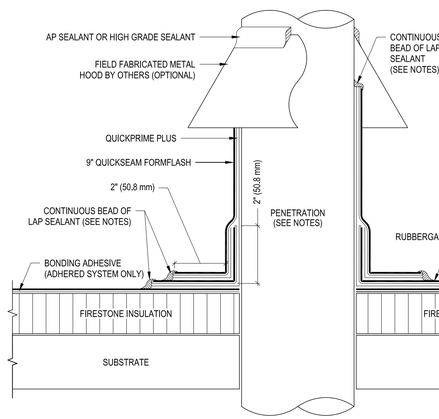
E-1	CANT STRIP DETAIL
NTS	



NOTES:
1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. END LAPS OF QUICKSEAM SPLICE TAPE MUST OVERLAP A MINIMUM OF 1" (25,4 mm). REFER TO LS-2.
3. REFER TO LS-9 FOR SEAM EDGE TREATMENT.
4. SEAMS MAY RUN PARALLEL TO SLOPE.
5. EXTRA CLEANING IS REQUIRED AT FACTORY SPLICE AREAS AND OTHER AREAS WHERE EXCESS DUSTING AGENT MAY HAVE ACCUMULATED.

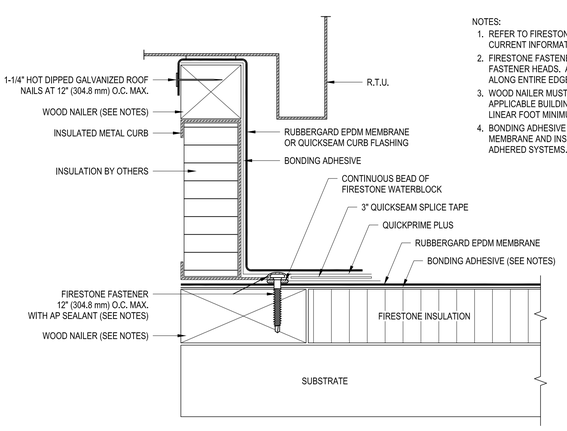
WHEN SCRIM OF REINFORCED EPDM IS EXPOSED, APPLY SEAM EDGE TREATMENT TO ENTIRE EXPOSED EDGE.

E-6	LAP SPLICE (AS REQUIRED)
NTS	



NOTES:
1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REMOVE ALL EXISTING FLASHINGS, LEAD, ETC. PIPE SURFACE MUST BE FREE OF ALL RUST, GREASE, INSULATION, ETC.
3. PIPE MUST BE ANCHORED TO ENSURE STABILITY.
4. CLAMPING RING AROUND TOP OF FORMFLASH NOT ACCEPTABLE.
5. WHEN OUTSIDE DIAMETER OF THE PIPE EXCEEDS 18" (457.2 mm), ADDITIONAL FIELD MEMBRANE SECUREMENT REQUIRED. REFER TO APPROPRIATE BASE TIE-IN DETAILS.
6. APPLY LAP SEALANT AROUND ENTIRE PERIMETER OF FLASHING. REFER TO LS-9 FOR SEAM EDGE TREATMENT.
7. DO NOT USE WHEN SERVICE LINE TEMP. EXCEEDS 180°F. REFER TO P-4.
8. REFER TO P-10, P-11, P-12 FOR MAS.

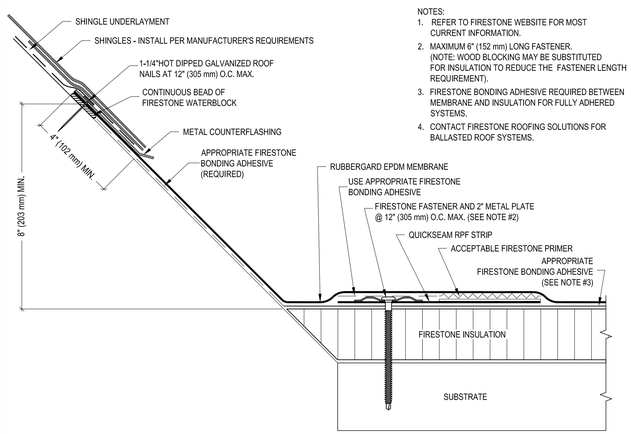
E-10	ROOF PENETRATION
NTS	IF REQUIRED



TERMINATION AT R.T.U. (UNIT FLANGE ABOVE MEMBRANE)

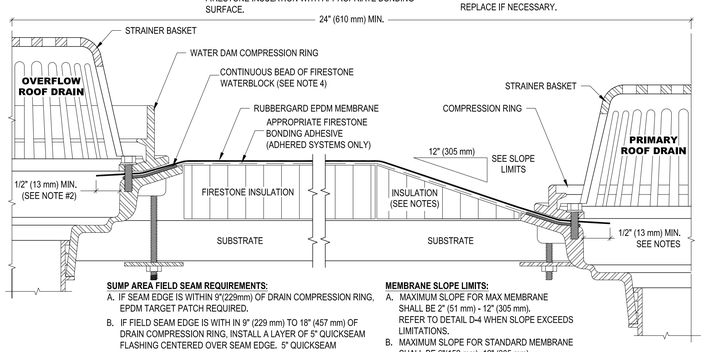
NOTES:
1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. FIRESTONE FASTENER WITH AP SEALANT OVER FASTENER HEADS. AP SEALANT ALSO REQUIRED ALONG ENTIRE EDGE OF CURB FLANGE.
3. WOOD NAILER MUST BE INSTALLED TO MEET APPLICABLE BUILDING CODES OR 200 LBS PER LINEAR FOOT MINIMUM IN ANY GIVEN DIRECTION.
4. BONDING ADHESIVE REQUIRED BETWEEN MEMBRANE AND INSULATION FOR FULLY ADHERED SYSTEMS.

A-1	TERMINATION AT R.T.U.
NTS	



NOTES:
1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. MAXIMUM 6" (152 mm) LONG FASTENER. (NOTE: WOOD BLOCKING MAY BE SUBSTITUTED FOR INSULATION TO REDUCE THE FASTENER LENGTH REQUIREMENT).
3. FIRESTONE BONDING ADHESIVE REQUIRED BETWEEN MEMBRANE AND INSULATION FOR FULLY ADHERED SYSTEMS.
4. CONTACT FIRESTONE ROOFING SOLUTIONS FOR BALLASTED ROOF SYSTEMS.

A-6	TERMINATION @ SHINGLE ROOF
NTS	



NOTE:
1. REFER TO FIRESTONE WEBSITE FOR THE MOST CURRENT INFORMATION.
2. HOLE IN MEMBRANE SHOULD EXTEND A MINIMUM OF 1/2"(13 mm) BEYOND CLAMPING RING AND SHOULD NOT BE SMALLER THAN THE DIAMETER OF THE LEADER PIPE.
3. INSULATION ADJACENT TO DRAIN TO BE APPROPRIATE FIRESTONE INSULATION WITH APPROPRIATE BONDING SURFACE.
4. FIRESTONE WATERBLOCK MIN. OF 1/2 OF 10 OZ (295ML) TUBE PER 4" DRAIN. USE ADDITIONAL WATERBLOCK FOR LARGER DRAINS.
5. IN REROOF APPLICATIONS:
-REMOVE EXISTING FLASHING DOWN TO METAL BOWL.
-REPAIR OR REPLACE BROKEN DRAIN COMPONENTS.
-DRILL AND TAP BROKEN DRAINS BOLTS AND REPLACE IF NECESSARY.

SUMP AREA FIELD SEAM REQUIREMENTS:
A. IF SEAM EDGE IS WITHIN 9"(229mm) OF DRAIN COMPRESSION RING, EPDM TARGET PATCH REQUIRED.
B. IF FIELD SEAM EDGE IS WITH IN 9" (229 mm) TO 18" (457 mm) OF DRAIN COMPRESSION RING, INSTALL A LAYER OF 5" QUICKSEAM FLASHING CENTERED OVER SEAM EDGE. 5" QUICKSEAM FLASHING SHALL EXTEND 3" (76 mm) MIN. BEYOND EDGE OF SUMP.

MEMBRANE SLOPE LIMITS:
A. MAXIMUM SLOPE FOR MAX MEMBRANE SHALL BE 2" (51 mm) - 12" (305 mm). REFER TO DETAIL D-4 WHEN SLOPE EXCEEDS LIMITATIONS.
B. MAXIMUM SLOPE FOR STANDARD MEMBRANE SHALL BE 6"(152 mm) -12" (305 mm).

A-10	ROOF DRAIN
NTS	

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

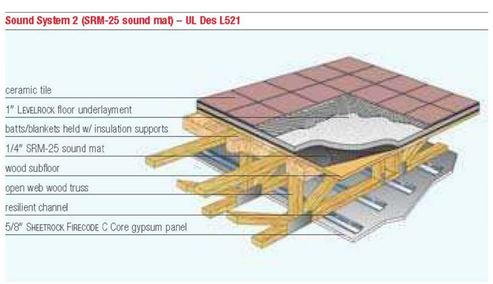
DRAWING
ROOF DETAILS

SEAL: REGISTERED ARCHITECT MICHAEL T. J. McCORMACK No. 018322-1 STATE OF NEW YORK

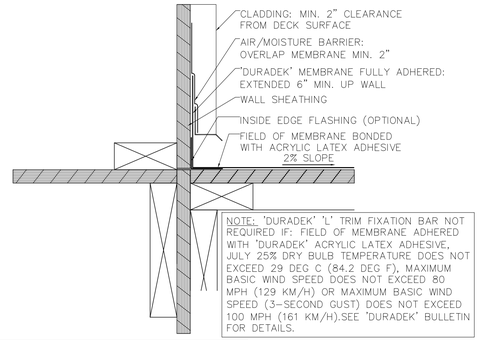
DRAWN BY	PROJECT NUMBER
TS	18105
CHECKED BY	DATE
DP	11-12-21

DRAWING NUMBER
A503

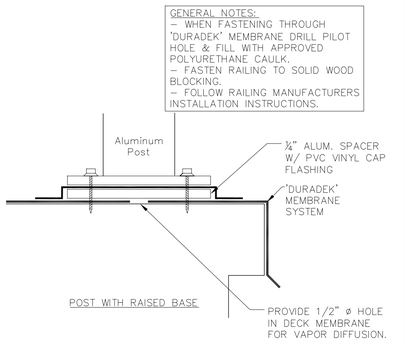
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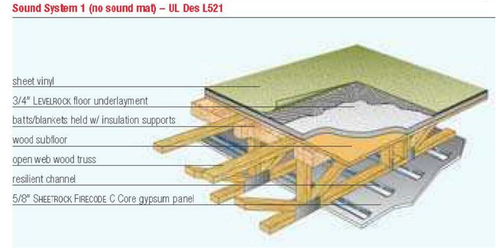
G-8 FLOOR ASSEMBLY DETAIL
NTS



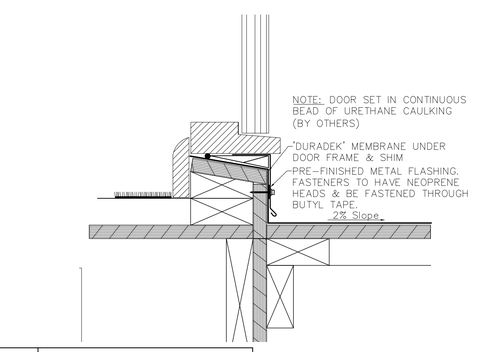
G-12 INSIDE PERIMETER DETAIL ACRYLIC LATEX ADHESIVE
NTS @ EXTERIOR PATIO



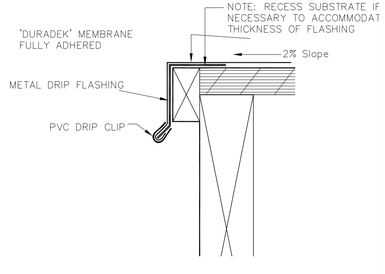
D-5 ALUMINUM POST MOUNTING DETAIL
NTS @ EXTERIOR PATIO



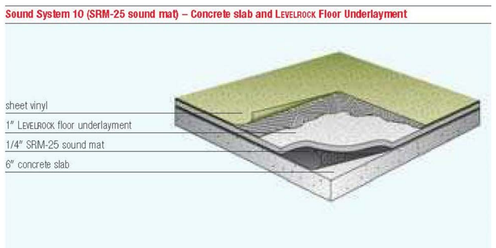
D-8 FLOOR ASSEMBLY DETAIL
NTS



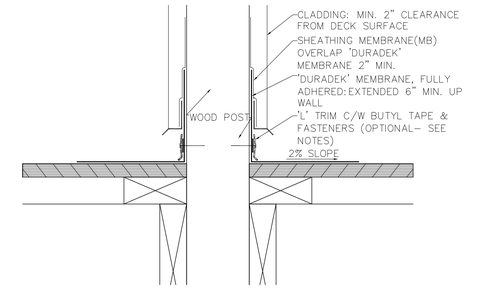
D-12 INSIDE PERIMETER DETAIL RAISED DOOR @ PATIO
NTS



A-5 INSIDE PERIMETER DETAIL PVC CLIP @ PATIO
NTS



A-8 FLOOR ASSEMBLY DETAIL
NTS



A-12 POST DETAIL @ EXTERIOR PATIO
NTS

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DRAWING
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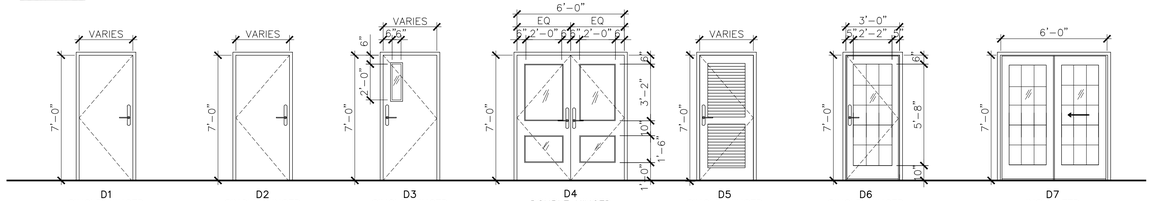
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DP	11-12-21

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A504

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DOOR TYPES



D1 SINGLE HINGED WOOD INTERIOR DOOR SEE SCHEDULE FOR FIRE RATINGS

D2 SINGLE HINGED HM INTERIOR DOOR SEE SCHEDULE FOR FIRE RATINGS

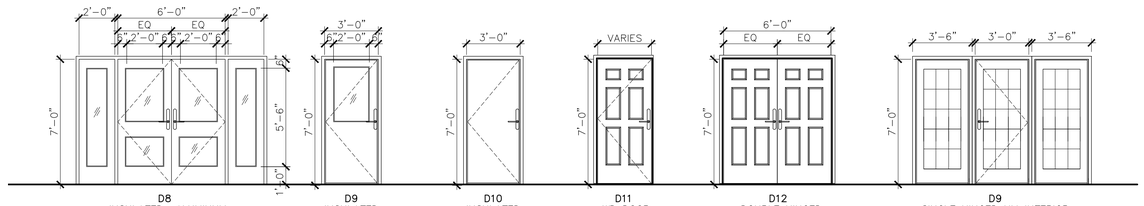
D3 SINGLE HINGED WOOD INTERIOR DOOR W/LITE SEE SCHEDULE FOR FIRE RATINGS

D4 DOUBLE HINGED HM INTERIOR DOOR

D5 SINGLE HINGED WOOD LOUVERED DOOR INTERIOR DOOR

D6 SINGLE HINGED EXTERIOR PATIO DOOR FWH31611

D7 INSULATED EXTERIOR GLIDING PATIO DOORS FWG60611



D8 INSULATED ALUMINUM FLUSH DOORS SL-16 W/INSULATED SIDE LIGHTS

D9 INSULATED ALUMINUM FLUSH DOOR SL-17 FRP

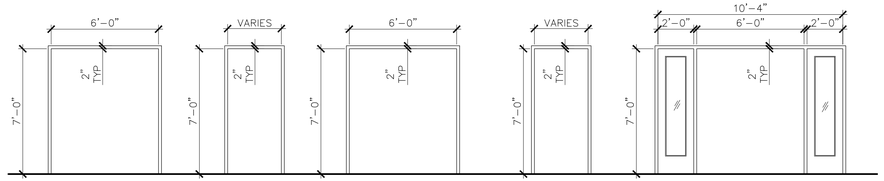
D10 INSULATED ALUMINUM FLUSH DOOR SL-17 FRP

D11 WD DOOR 6 PANEL DOOR

D12 DOUBLE HINGED WD DOOR 6 PANEL DOOR

D9 SINGLE HINGED HM INTERIOR DOOR W/ SIDE PANELS

FRAME TYPES



F1 DOUBLE HINGED INT WD DOOR FRAME

F2 SINGLE HINGED INT. WD DOOR FRAME

F3 DOUBLE HINGED INT. HM DOOR FRAME

F4 SINGLE HINGED INT HM DOOR FRAME

F5 DOUBLE HINGED EXT. ALUM. STOREFRONT DOOR FRAME W/ INSULATED SIDELITES

DOOR NOTES:
1. SEE DRAWING A600 FOR ADDITIONAL DOOR INFORMATION.
2. * INDICATES A SELF-CLOSING DOOR.
3. EXACT STYLES AND MANUFACTURER TO BE VERIFIED BY OWNER.
4. ALL DOORS TO BE EQUIPPED W/ FLOOR, WALL OR OVERHEAD STOPS.
5. ALL HARDWARE FINISHES TO BE VERIFIED W/ OWNER.
6. KEYING TO BE COORDINATED WITH OWNER MASTER KEYING STANDARD. GC TO PROVIDE FINISH CORES AND CONFIRM ALL KEYING REQUIREMENTS PRIOR TO PLACING ORDER.
7. ALL GLAZING IN DOORS TO BE TEMPERED GLASS.

GROUND LEVEL DOOR AND FRAME SCHEDULE

MARK	DOOR SIZE WD	SIZE HGT	SIZE THK	TYPE	MATL	FINISH	GLAZING	FRAME TYPE	FRAME MATL	FRAME FINISH	FIRE RATING LABEL	HARDWARE SET NO	HARDWARE KEYSIDE RM NO	NOTES
100*	6'-0"	7'-0"	1 3/4"	D8	ALUM.	ANODIZED	INSULATED	F5	MANUF.	MANUF.	N/A	1.0	--	--
101*	6'-0"	7'-0"	1 3/4"	D8	ALUM.	ANODIZED	INSULATED	F5	MANUF.	MANUF.	N/A	17.0	--	--
131A*	3'-0"	7'-0"	1 3/4"	D3	WD	MANUF.	N/A	F4	H.M.	P-2	B-90	7.0	--	--
131B*	3'-0"	7'-0"	1 3/4"	D9	FRP	MANUF.	INSULATED	F4	H.M.	P-2	N/A	2.0	--	--
132A*	3'-0"	7'-0"	1 3/4"	D3	WD	MANUF.	N/A	F4	H.M.	P-2	B-90	7.0	--	--
132B*	3'-0"	7'-0"	1 3/4"	D9	FRP	MANUF.	INSULATED	F4	H.M.	P-2	N/A	2.0	--	--
133A*	3'-0"	7'-0"	1 3/4"	D3	WD	MANUF.	N/A	F4	H.M.	P-2	B-90	7.0	--	--
133B*	3'-0"	7'-0"	1 3/4"	D9	FRP	MANUF.	INSULATED	F4	H.M.	P-2	N/A	2.0	--	--
134A*	3'-0"	7'-0"	1 3/4"	D3	WD	MANUF.	N/A	F4	H.M.	P-2	B-90	7.0	--	--
134B*	3'-0"	7'-0"	1 3/4"	D9	FRP	MANUF.	INSULATED	F4	H.M.	P-2	N/A	2.0	--	--
139	3'-0"	7'-0"	1 3/4"	D2	HM	PTD	N/A	F4	H.M.	P-2	C LABEL	10.0	--	--
140	3'-0"	7'-0"	1 3/4"	D2	HM	PTD	N/A	F4	H.M.	P-2	N/A	8.0	--	--
141	3'-0"	7'-0"	1 3/4"	D2	HM	PTD	N/A	F4	H.M.	P-2	C LABEL	9.0	--	--
142	3'-0"	7'-0"	1 3/4"	D2	HM	PTD	N/A	F4	H.M.	P-2	C LABEL	9.0	--	--
143	3'-0"	7'-0"	1 3/4"	D2	HM	PTD	N/A	F4	H.M.	P-2	C LABEL	9.0	--	--
146	6'-0"	7'-0"	1 3/4"	D4	HM	PTD	N/A	F3	MANUF.	MANUF.	C LABEL	5.0	--	--
147	3'-0"	7'-0"	1 3/4"	D9	FRP	MANUF.	INSULATED	F4	H.M.	P-2	N/A	2.0	--	--
148A	6'-0"	7'-0"	1 3/4"	D4	HM	PTD	N/A	F4	H.M.	P-2	C LABEL	5.0	--	A60 GALVANIZED
148B	3'-0"	7'-0"	1 3/4"	D9	FRP	MANUF.	INSULATED	F4	H.M.	P-2	N/A	2.0	--	--
148C	3'-0"	7'-0"	1 3/4"	D9	FRP	MANUF.	N/A	F4	H.M.	P-2	N/A	16.0	--	--
149	3'-0"	7'-0"	1 3/4"	D10	ALUM	ANODIZED	N/A	F4	MANUF.	MANUF.	N/A	4.0	--	--
150	3'-0"	7'-0"	1 3/4"	D10	ALUM	ANODIZED	N/A	F4	MANUF.	MANUF.	N/A	4.0	--	--
151	3'-0"	7'-0"	1 3/4"	D1	WD.	MANUF.	N/A	F4	H.M.	P-2	N/A	13.0	--	--
152	3'-0"	7'-0"	1 3/4"	D1	WD	MANUF.	N/A	F4	H.M.	P-2	C LABEL	11.0	--	--
153	3'-0"	7'-0"	1 3/4"	D1	WD	MANUF.	N/A	F4	H.M.	P-2	N/A	15.0	--	--
154	3'-0"	7'-0"	1 3/4"	D1	WD	MANUF.	N/A	F4	H.M.	P-2	C LABEL	14.0	--	--
155	3'-0"	7'-0"	1 3/4"	D1	WD	MANUF.	N/A	F4	H.M.	P-2	C LABEL	12.0	--	--
157*	6'-0"	7'-0"	1 3/4"	D8	ALUM.	ANODIZED	INSULATED	F5	MANUF.	MANUF.	N/A	17.0	--	--
158*	6'-0"	7'-0"	1 3/4"	D8	ALUM.	ANODIZED	INSULATED	F5	MANUF.	MANUF.	N/A	1.0	--	--

LEVEL 2 CORRIDOR DOOR AND FRAME SCHEDULE

MARK	DOOR SIZE WD	SIZE HGT	SIZE THK	TYPE	MATL	FINISH	GLAZING	FRAME TYPE	FRAME MATL	FRAME FINISH	FIRE RATING LABEL	HARDWARE SET NO	HARDWARE KEYSIDE RM NO	NOTES
200A	3'-0"	7'-0"	1 3/4"	D1	WD	MANUF.		F4	H.M.	P-2	C LABEL	6.0		
200B	3'-0"	7'-0	1 3/4"	D1	WD	MANUF.		F4	H.M.	P-2	C LABEL	6.0		
231*	3'-0"	7'-0"	1 3/4"	D3	WD	MANUF.		F4	H.M.	P-2	B-90	7.0		
232*	3'-0"	7-0"	1 3/4"	D3	WD	MANUF.		F4	H.M.	P-2	B-90	7.0		
233*	3'-0"	7'-0"	1 3/4"	D3	WD	MANUF.		F4	H.M.	P-2	B-90	7.0		
234*	3'-0"	7'-0"	1 3/4"	D3	WD	MANUF.		F4	H.M.	P-2	B-90	7.0		
239	3'-0"	7'-0"	1 3/4"	D2	H.M.	MANUF.		F4	H.M.	P-2	C LABEL	10.0		
240	3'-0"	7'-0"	1 3/4"	D2	H.M.	MANUF.		F4	H.M.	P-2	N/A	8.0		
241A	3'-0"	7'-0"	1 3/4"	D2	WD	MANUF.		F4	H.M.	P-2	C LABEL	10.0		
241B	3'-0"	7'-0"	1 3/4"	D2	WD	MANUF.		F4	H.M.	P-2	C LABEL	10.0		
246	3'-0"	7'-0"	1 3/4"	D2	H.M.	MANUF.		F4	H.M.	P-2	N/A	8.0		
247*	3'-0"	7'-0"	1 3/4"	D6	WD	MANUF.	INSULATED	F4	H.M.	P-2	N/A	3.0		

LEVEL 3 CORRIDOR DOOR AND FRAME SCHEDULE

MARK	DOOR SIZE WD	SIZE HGT	SIZE THK	TYPE	MATL	FINISH	GLAZING	FRAME TYPE	FRAME MATL	FRAME FINISH	FIRE RATING LABEL	HARDWARE SET NO	HARDWARE KEYSIDE RM NO	NOTES
331*	3'-0"	7'-0"	1 3/4"	D3	WD	MANUF.		F4	H.M.	P-2	B-90	7.0		
333*	3'-0"	7-0"	1 3/4"	D3	WD	MANUF.		F4	H.M.	P-2	B-90	7.0		
334*	3'-0"	7'-0"	1 3/4"	D3	WD	MANUF.		F4	H.M.	P-2	B-90	7.0		
339	3'-0"	7'-0"	1 3/4"	D2	H.M.	MANUF.		F4	H.M.	P-2	C LABEL	10.0		
340	3'-0"	7'-0"	1 3/4"	D2	H.M.	MANUF.		F4	H.M.	P-2	N/A	8.0		
341A	3'-0"	7'-0"	1 3/4"	D2	WD	MANUF.		F4	H.M.	P-2	C LABEL	10.0		
341B	3'-0"	7'-0"	1 3/4"	D2	WD	MANUF.		F4	H.M.	P-2	C LABEL	10.0		
346	3'-0"	7'-0"	1 3/4"	D2	H.M.	MANUF.		F4	H.M.	P-2	N/A	8.0		
347*	3'-0"	7'-0"	1 3/4"	D6	WD	MANUF.	INSULATED	F4	H.M.	P-2	N/A	3.0		

ROOF LEVEL DOOR AND FRAME SCHEDULE

MARK	DOOR SIZE WD	SIZE HGT	SIZE THK	TYPE	MATL	FINISH	GLAZING	FRAME TYPE	FRAME MATL	FRAME FINISH	FIRE RATING LABEL	HARDWARE SET NO	HARDWARE KEYSIDE RM NO	NOTES
401*	3'-0"	7'-0"	1 3/4"	D10	FRP	MANUF.		F2	H.M.	MANUF.	C LABEL	18.0		
402*	3'-0"	7'-0"	1 3/4"	D10	FRP	MANUF.		F2	H.M.	MANUF.	C LABEL	18.0		

HARDWARE SETS:

SET: 1.0
DOORS: 100, 158

2	CONTINUOUS HINGE	FM__SLF-HD1	PE
1	MULLION	KRM200	YA
1	RIM EXIT DEVICE, DUMMY	6105 634F	YA
1	RIM EXIT DEVICE, NIGHTLATCH	6105 632F	YA
4	CYLINDER	AS REQUIRED	YA
4	PERMANENT CORE	PROVIDED BY OWNER	
1	CYLINDER	980C1	SA
2	SURFACE CLOSER	UNI9500	NO
1	THRESHOLD	TO ARCHITECT DETAIL	PE

SET: 2.0
DOORS: 131B, 132B, 133B, 134B, 147, 148B

1	CONTINUOUS HINGE	FM__HD1	PE
1	RIM EXIT DEVICE, NIGHTLATCH	6105 632F	YA
1	CYLINDER	AS REQUIRED	YA
1	PERMANENT CORE	PROVIDED BY OWNER	
1	SURFACE CLOSER	UNI9500	NO
1	THRESHOLD	TO ARCHITECT DETAIL	PE
1	SWEEP	18061CNB	PE

SET: 3.0
DOORS: 247, 347

1	CONTINUOUS HINGE	FM__HD1	PE
1	CLASSROOM LOCK	B XX 5408LN	YA
1	CONCEALED OVERHEAD STOP	2-X36	RF
1	DOOR CLOSER	7500 / P7500	NO
1	KICK PLATE	K1050 8" HIGH CSK BEV	RO
1	THRESHOLD	TO ARCHITECT DETAIL	PE
1	GASKETING	290APK X 2891APK	PE
1	SWEEP	18061CNB	PE

SET: 4.0
DOORS: 149, 150

1	CONTINUOUS HINGE	FM__SLF-HD1	PE
1	STOREROOM OR CLOSET LOCK	B XX 5405LN	YA
1	DOOR STOP	400 / 441CU	RO

SET: 5.0
DOORS: 146, 148A

2	CONTINUOUS HINGE	FM__SLF-HD1	PE
2	FIRE RATED SURF VERT ROD, CLASSROOM	6170F XX626F	YA
2	DOOR CLOSER	CLP7500	NO

SET: 6.0
DOORS: 200A, 200B

3	HINGE, FULL MORTISE	TA2714	MK
1	FIRE RATED RIM EXIT, CLASSROOM	6100F XX626F	YA
1	PERMANENT CORE	PROVIDED BY OWNER	
1	DOOR CLOSER	7500 / P7500	NO
1	KICK PLATE	K1050 8" HIGH CSK BEV	RO
1	DOOR STOP	400 / 441CU	RO
3	SILENCER	608	RO

SET: 7.0
DOORS: 131A, 132A, 133A, 134A, 231, 232, 233, 234, 331, 333, 334

3	HINGE, FULL MORTISE	TA2714	MK
1	FIRE RATED RIM EXIT, PASSAGE	6100F XX628F	YA
1	DOOR CLOSER	7500 / P7500	NO
1	KICK PLATE	K1050 8" HIGH CSK BEV	RO
1	DOOR STOP	400 / 441CU	RO
3	SILENCER	608	RO

SET: 8.0
DOORS: 140, 240, 246, 340, 346

3	HINGE, FULL MORTISE	TA2714	MK
1	STOREROOM OR CLOSET LOCK	B XX 5405LN	YA
1	PERMANENT CORE	PROVIDED BY OWNER	
1	KICK PLATE	K1050 8" HIGH CSK BEV	RO
1	DOOR STOP	400 / 441CU	RO
3	SILENCER	608	RO

SET: 9.0
DOORS: 141, 142, 143

3	HINGE, FULL MORTISE	TA2714	MK
1	STOREROOM OR CLOSET LOCK	B XX 5405LN	YA
1	PERMANENT CORE	PROVIDED BY OWNER	
1	DOOR CLOSER	7500 / P7500	NO
1	KICK PLATE	K1050 8" HIGH CSK BEV	RO
1	DOOR STOP	400 / 441CU	RO
1	GASKETING	S773BL	PE

SET: 10.0
DOORS: 139, 239, 241A, 241B, 339, 341A, 341B

3	HINGE, FULL MORTISE	TA2714	MK
1	CLASSROOM LOCK	B XX 5408LN	YA
1	PERMANENT CORE	PROVIDED BY OWNER	
1	DOOR CLOSER	7500 / P7500	NO
1	KICK PLATE	K1050 8" HIGH CSK BEV	RO
1	DOOR STOP	400 / 441CU	RO
1	GASKETING	S773BL	PE

SET: 11.0
DOORS: 152

3	HINGE, FULL MORTISE	TA2714	MK
1	CLASSROOM LOCK	B XX 5408LN	YA
1	DOOR CLOSER	CLP7500	NO
1	KICK PLATE	K1050 8" HIGH CSK BEV	RO
1	GASKETING	S773BL	PE

SET: 12.0
DOORS: 155

3	HINGE, FULL MORTISE	TA2714	MK
1	CLASSROOM LOCK	B XX 5408LN	YA
1	PERMANENT CORE	PROVIDED BY OWNER	
1	SURF OVERHEAD STOP	10-X36	RF
1	DOOR CLOSER	7500 / P7500	NO
1	KICK PLATE	K1050 8" HIGH CSK BEV	RO
1	GASKETING	S773BL	PE

SET: 13.0
DOORS: 151

3	HINGE, FULL MORTISE	TA2714	MK
1	BATHROOM LOCK	XXX 8862FL V21	YA
1	DOOR CLOSER	7500 / P7500	NO
1	KICK PLATE	K1050 8" HIGH CSK BEV	RO
1	DOOR STOP	400 / 441CU	RO
3	SILENCER	608	RO
1	COAT HOOK	RM802	RO

SET: 14.0
DOORS: 154

3	HINGE, FULL MORTISE	TA2714	MK
1	PASSAGE LATCH	XX 5401LN	YA
1	KICK PLATE	K1050 8" HIGH CSK BEV	RO
1	DOOR STOP	400 / 441CU	RO
3	SILENCER	608	RO

SET: 15.0
DOORS: 153

3	HINGE, FULL MORTISE	TA2714	MK
1	PASSAGE LATCH	XX 5401LN	YA
1	DOOR CLOSER	7500 / P7500	NO
1	KICK PLATE	K1050 8" HIGH CSK BEV	RO
1	DOOR STOP	400 / 441CU	RO
3	SILENCER	608	RO

SET: 16.0
DOORS: 148C

1	CONTINUOUS HINGE	FM__SLF-HD1	PE
1	PASSAGE LATCH	XX 5401LN	YA
1	DOOR CLOSER	7500 / P7500	NO
1	DOOR STOP	400 / 441CU	RO
3	SILENCER	608	RO

SET: 18.0
DOORS: 401, 402

1	OPENINGS NOT FOUND	NO HARDWARE SPECIFIRE	

MANUFACTURER'S ABBREVIATIONS:

1. MK – MCKINNEY
2. PE – PEMKO
3. YA – YALE
4. SA – SARGENT
5. RF – RIXSON
6. NO – NORTON
7. RO – ROCKWOOD
8. SU – SECURITRON
9. OT – OTHER

NOTE: LEVER DESIGN TO BE SELECTED BY OWNER

No.	REVISION/SUBMISSION	DATE
	ISSUED FOR BID	11/12/21

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HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

DRAWING
DOOR AND WINDOW SCHEDULE
DOOR, FRAME AND WINDOW TYPES

SEAL: REGISTERED ARCHITECT MICHAEL T.J. McCORMACK No. 018322-1 STATE OF NEW YORK

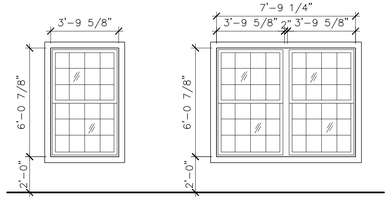
DRAWN BY: TS
PROJECT NUMBER: 18105
CHECKED BY: DP
DATE: 11-12-21
DRAWING NUMBER: A600

FILE: P:\2018\18105-SEGRETI EAST FISHKILL APARTMENTS

WINDOW SCHEDULE

TYPE	STYLE	ROUGH OPENING		MANUFACTURER	MODEL NUMBER	REMARKS
		WIDTH	HEIGHT			
W1	DOUBLE HUNG	4'-0"	6'-0"	ANDERSEN A400 SERIES	WDH38510	
W2	DOUBLE HUNG	8'-0"	6'-0"	ANDERSEN A400 SERIES	WDH38510	MULTIPLE ASSEMBLY, (2) WIDE
S1	STOREFRONT INTERIOR	6'-0"	7'-0"			
S2	STOREFRON EXTERIOR	12'-8"	8'-6"			
S3	STOREFRONT EXTERIOR	31'-8"	5'-2"			

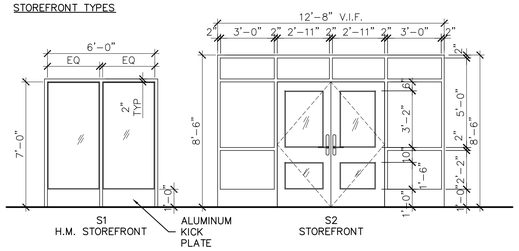
WINDOW TYPES



W1
WDH38510

W2
(2) WDH38510

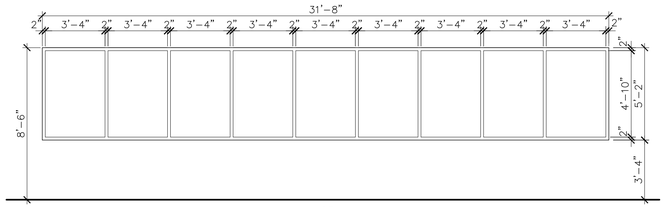
STOREFRONT TYPES



S1
H.M. STOREFRONT

ALUMINUM KICK PLATE

S2
STOREFRONT



S3
STOREFRONT

GENERAL RESIDENTIAL UNIT ROOM FINISH SCHEDULE

ROOM NAME	FLOOR	BASE TRIM	WALLS		CEILINGS			REMARKS
			MATERIAL	FINISH	MATERIAL	FINISH	HEIGHT	
ENTRY	LVP-1	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
KITCHEN	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
WASHER/DRYER CLOSET	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	*USE MOISTURE RESISTANT GWB ON ALL WASHER/DRYER CLOSET WALLS & CEILINGS
LIVING/DINING AREA	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
BATHROOM	CT-1	CB	GWB	P-1	GWB	P-3	9'-8 1/2"	*USE MOISTURE RESISTANT GWB ON ALL BATHROOM WALLS & CEILINGS, MARBLE THRESHOLD AT ENTRY DOOR
LINEN CLOSET	CT-1	CB	GWB	P-1	GWB	P-3	9'-8 1/2"	*USE MOISTURE RESISTANT GWB ON ALL BATHROOM WALLS & CEILINGS
GUEST BEDROOM	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
MASTER BEDROOM	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
MASTER BATHROOM	CT-1	CB	GWB	P-1	GWB	P-3	9'-8 1/2"	*USE MOISTURE RESISTANT GWB ON ALL BATHROOM WALLS & CEILINGS, MARBLE THRESHOLD AT ENTRY DOOR
MECHANICAL CLOSET	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	
ALL OTHER CLOSETS	WD	WD	GWB	P-1	GWB	P-3	9'-8 1/2"	

GENERAL ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR	BASE TRIM	WALLS		CEILINGS			REMARKS
				MATERIAL	FINISH	MATERIAL	FINISH	HEIGHT	
GROUND LEVEL									
100	VESTIBULE	PT-1	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"	PROVIDE WALK-OFF CARPET AT ENTRY DOORS
101	LOBBY	PT-1/C-1	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"/8'-6"	
	ELEVATOR A	LVP-2	RB-1						
	ELEVATOR B	LVP-2	RB-1						
131	STAIR D	ST-1	RB-2	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
132	STAIR C	ST-1	RB-2	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
133	STAIR A	ST-1	RB-2	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
134	STAIR B	ST-1	RB-2	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
135	HALL	LVP-2	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"/8'-6"	
136	HALL	LVP-2	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"/8'-6"	
137	HALL	LVP-2	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"/8'-6"	
138	HALL	LVP-2	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"/8'-6"	
139	TRASH	SV	RB-2	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
140	JANITOR CLOSET	SV	RB-2	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
141	ELECTRICAL	SV	RB-2	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
142	MECHANICAL	SV	RB-2	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
143	SPRINKLER	SV	RB-2	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
146	EXERCISE ROOM	RT-1	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
147	FITNESS	RT-1	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
148	POOL	LVP-2	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
149	MECHANICAL	LVP-2	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
150	EQUIPMENT	LVP-2	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
151	TOILET	CT-2	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
152	HALL	CT-2	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
153	LOCKERS	CT-2	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
154	MAIL	LVP-2	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
155	OFFICE	LVP-2	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
156	LOUNGE	PT-1/C-1	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"/8'-6"	
157	HALL	LVP-2	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"/8'-6"	
158	VESTIBULE	PT-1	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"	PROVIDE WALK-OFF CARPET AT ENTRY DOORS
SECOND LEVEL									
200	THEATRE	C-1	RB-1						
	ELEVATOR A	LVP-2	RB-1						
	ELEVATOR B	LVP-2	RB-1						
231	STAIR D	ST-1	RB-2	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
232	STAIR C	ST-1	RB-2	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
233	STAIR A	ST-1	RB-2	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
234	STAIR B	ST-1	RB-2	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
235	HALL	LVP-2	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"/8'-6"	
236	HALL	LVP-2	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"/8'-6"	
237	HALL	LVP-2	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"/8'-6"	
238	HALL	LVP-2	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"/8'-6"	
239	TRASH	SV	RB-2	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
240	JANITOR CLOSET	SV	RB-2	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
241	GENERAL	SV	RB-2	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
246	STORAGE/ELECTRICAL	SV	RB-2	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
247	LOUNGE	LVP-2	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"/8'-6"	
THIRD LEVEL									
	ELEVATOR A	LVP-2	RB-1						
	ELEVATOR B	LVP-2	RB-1						
331	STAIR D	ST-1	RB-2	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
333	STAIR A	ST-1	RB-2	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
334	STAIR B	ST-1	RB-2	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
335	HALL	LVP-2	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"/8'-6"	
336	HALL	LVP-2	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"/8'-6"	
337	HALL	LVP-2	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"/8'-6"	
338	HALL	LVP-2	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"/8'-6"	
339	TRASH	SV	RB-2	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
340	JANITOR CLOSET	SV	RB-2	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
341	GENERAL	SV	RB-2	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
346	STORAGE/ELECTRICAL	SV	RB-2	GWB	P-1	GWB	P-3	APPROX. 8'-0"	
347	LOUNGE	LVP-2	RB-1	GWB	P-1	GWB	P-3	APPROX. 8'-0"/8'-6"	

FINISH MATERIAL SCHEDULE

MARK	ITEM	MANUFACTURER	NUMBER	NAME	REMARKS
ACT-1	ACOUSTICAL CEILING TILE	ARMSTRONG	1941	ULTRA HIGH NRC STANDARD – WHITE	2" X 2" X 1" 9/16" BEVELED TEGULAR EDGE – STANDARD (9/16" INTERLUDE GRID)
EPOXY	EPOXY FLOORING	–	–	GREY	
C-1	CARPET	MOHAWK GROUP	GL420	MOSS MODERNE – 968 CONCRETE	
CT-1	CERAMIC TILE	DALTILE KEYSTONES	D138	GOLDEN GRANITE	2 X 1 STRAGHT JOINT MOSAIC MATTE (BISCUIT 14 GROUT)
CT-2	CERAMIC TILE	DALTILE CLASSIC GLAZED	K175	SEMIGLOSS BISCUIT	4 X 4 TILE, 48" WAINSCOT W/ BULLNOSE AND COVE BASE (BISCUIT 14 GROUT)
CT-3	CERAMIC TILE	TBD	–	–	FULL BACKSPLASH
CT-4	CERAMIC TILE	DALTILE KEYSTONE	DK24	BERRY BLEND	1/2 HEX SHAMROCK MOSAIC
CT-5	CERAMIC TILE	DALTILE CLASSIC GLAZED	X735	ALMOND (MATTE)	6 X 6 TILE
P-1	PAINT	SHERWIN WILLIAMS			WALLS – EGGSHELL FINISH
P-2	PAINT	SHERWIN WILLIAMS			ACCENT WALL – SEMI-GLOSS FINISH
P-3	PAINT	SHERWIN WILLIAMS			CEILING – FLAT FINISH
PT-1	PORCELAIN TILE	CROSSVILLE	NTR04	NOTORIOUS, SUSPENSE UPS	12 X 24 TILE
LVP-1	LUXURY VINYL PLANK	TARKETT ID LATITUDE WOOD	PLWD 5134 WW	BLANCHED PINE	6" X 48" PLANKS (UNITS ONLY)
LVP-2	LUXURY VINYL PLANK	TARKETT CONTOUR SERIES	PCAN 3810 SW	ANTIQUE WOOD, DANBURY	6" X 4*" PLANKS (COMMON AREAS AND ELEVATOR FLOOR)
SS-1	SOLID SURFACE	GRANITE COUNTERTOP	–	–	1 1/2" GRANITE W/ WATERFALL EDGE
RB-1	RUBBER BASE	ROPPE PINNACLE TYPE TS	129 DOLPHIN	6" COVE RUBBER BASE	
RB-2	RUBBER BASE	ROPPE	175 SLATE	4" COVE RUBBER BASE	(STAIRS ONLY)
RF-1	RUBBER FLOOR TILE	ROPPE	175 SLATE	93 TEXTURED	
RT-1	RUBBER TREAD/INTEGRATED RISER	ROPPE	175 SLATE	93 TEXTURED	CONTRAST EDGE STRIP COLOR : D-GLOW STRIP
RT-2	RUBBER TILE	ROPPE	916 ASH	TUFLEX SPARTUS RUBBER TILE	INTERLOCKING 27" X 27" X 3/8"
SV	SHEET VINYL	JOHNSONITE IQ OPTIMA	3242897	SLATE	W/4" SLATE RUBBER BASE
G-1	GROUT	MAPEI	02	PEWTER	
G-2	GROUT	MAPEI	14	BISCUIT	
WOM	WALK-OFF-MAT				

FINISH NOTES:
1. STAIRS ARE TO RECEIVE RT-1 ON TREADS AND RISER AND RF-1 ON LANDINGS. PROVIDE COLOR INSERT STRIPS AT TOP OF LANDING NOSING AND AT LAST STEP NOSING OF EACH RUN.

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672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

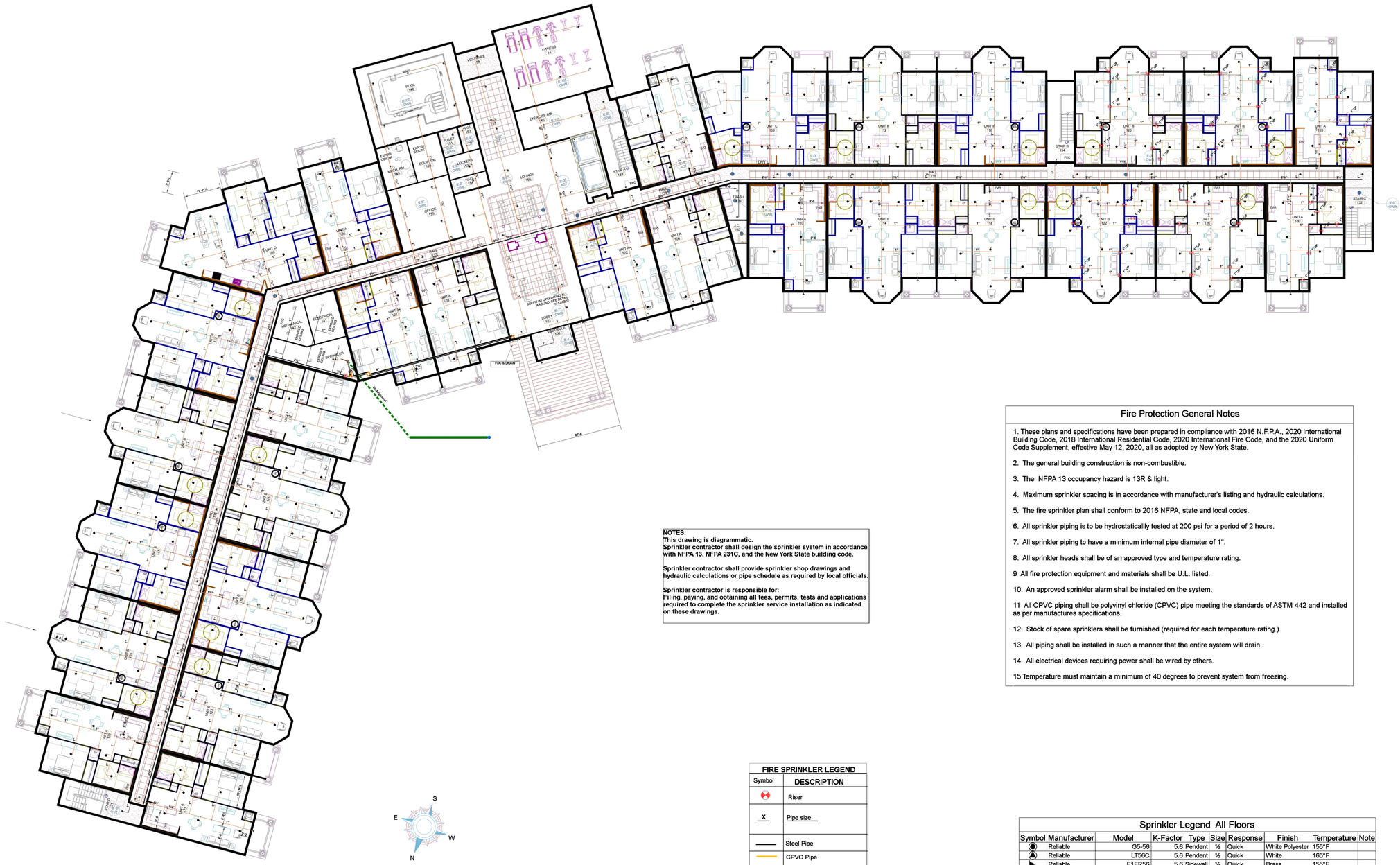
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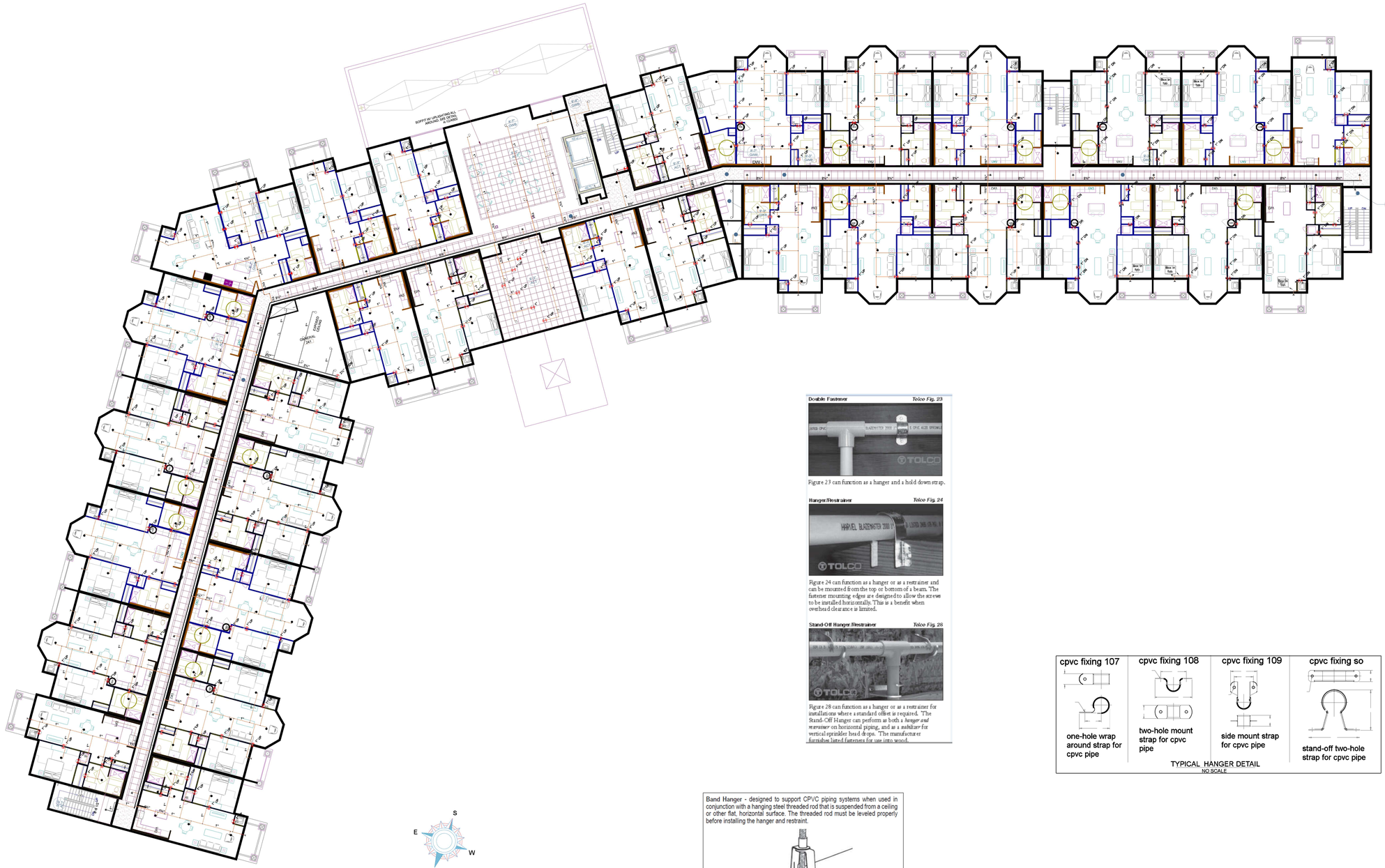
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Second Floor
Plan View
Scale 1/16" = 1'-0"

Double Fastener *Tolco Fig. 23*

Figure 23 can function as a hanger and a hold down strap.

Hanger/Restrainer *Tolco Fig. 24*

Figure 24 can function as a hanger or as a restrainer and can be mounted from the top or bottom of a beam. The fastener mounting edges are designed to allow the screws to be installed horizontally. This is a benefit when overhead clearance is limited.

Stand-Off Hanger/Restrainer *Tolco Fig. 28*

Figure 28 can function as a hanger or as a restrainer for installations where a standard offset is required. The Stand-Off Hanger can perform as both a *hanger and restrainer* on horizontal piping, and as a *stabilizer* for vertical sprinkler head drops. The manufacturer furnishes listed fasteners for use into wood.

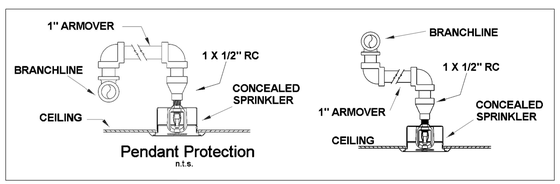
TYPICAL HANGER DETAIL
NO SCALE

Vicinity map

Band Hanger - designed to support CPVC piping systems when used in conjunction with a hanging steel threaded rod that is suspended from a ceiling or other flat, horizontal surface. The threaded rod must be leveled properly before installing the hanger and restraint.

Surge Restraint - when installed with the Band Hanger, as shown below, provides surge protection for the system.





Pendant Protection
n.t.s.

NOTES

No.	REVISION/SUBMISSION	DATE

Connolly Engineering, PLLC
36 Grist Mill Lane
Pleasant Valley, NY 12569
845.635.1444
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ARCHITECTURE PLANNING INTERIORS
181 CHURCH STREET
POUGHKEEPSIE, NEW YORK 12601
PHONE 845-452-2268 FAX 845-452-3752

PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

DRAWING
Fire Protection Second Floor

SEAL
STATE OF NEW YORK * PAUL TIRUMS * LICENSED PROFESSIONAL ENGINEER 03/31/21

DRAWN BY	PROJECT NUMBER
AGH	
CHECKED BY	DATE
	Nov. 12, 2021

DRAWING NUMBER
FP. 1.1



Third Floor
Plan View
Scale 1/16" = 1'-0"

NOTES

No.	REVISION/SUBMISSION	DATE

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
HOPEWELL JUNCTION, N.Y.

DRAWING
Fire Protection Third Floor

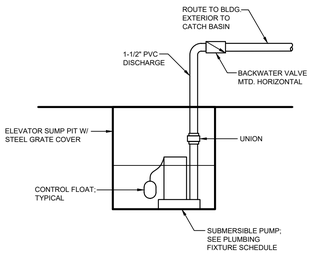
SEAL
STATE OF NEW YORK · PAUL TIRUMS · 087311 · LICENSED PROFESSIONAL ENGINEER

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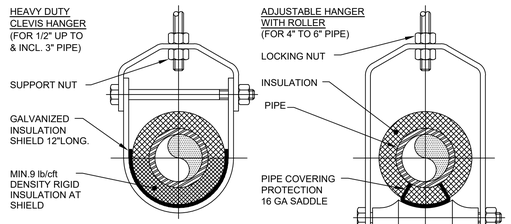
Plumbing Fixture Schedule

FIXTURE MARK	DESCRIPTION	PIPING CONNECTION				WATER SUPPLY FIXTURE UNITS	DRAINAGE FIXTURE UNITS	ADA (Y/N)	ELECTRONIC CONTROL (Y/N)	MANUFACTURER/MODEL (OR ACCEPTABLE EQUAL)	REMARKS
		H.W.	C.W.	WASTE	VENT						
1	LAVATORY	1/2	1/2	1-1/2	1-1/2	0.5	1	Y	N	AMERICAN STANDARD OVALYN #0496.221.020 (WHITE) OVAL UNDERMOUNT LAVATORY; FURNISH & INSTALL W/ MOEN GENTA #6702 FAUCET	INSTALL PER MANUFACTURER'S REQUIREMENTS; MAINTAIN MINIMUM 1-1/2" AIR GAP BETWEEN FAUCET OPENING & FIXTURE FLOOD LEVEL RIM
2	WATER CLOSET	-	1/2	3	3	2.2	4	Y	N	AMERICAN STANDARD CADET PRO #215CA.104.020 (WHITE) WATER CLOSET; TWO-PIECE, ELONGATED BOWL, 1.6 GPF; FURNISH & INSTALL W/ PROFLO MODEL #PFTSEC2000WH SLOW CLOSE SEAT	INSTALL PER MANUFACTURER'S REQUIREMENTS
3	SHOWER	1/2	1/2	2	1-1/2	1.4	2	N	N	FREEDOM ADA 60"x30" SHOWER PAN #APF6232BFPANC; NON-SKID SURFACE; FURNISH & INSTALL W/ MOEN GENTA #T2472EP; PRESSURE BALANCING VALVE; TEMP. LIMIT STOPS	INSTALL PER MANUFACTURER'S REQUIREMENTS
4	ICEMAKER OUTLET BOX	-	1/2	-	-	1.4	-	-	-	OATEY ICEMAKER OUTLET BOX #39130	INSTALL PER MANUFACTURER'S REQUIREMENTS
5	KITCHEN SINK	1/2	1/2	1-1/2	1-1/2	1.4	2	Y	N	PROFLO MODEL #PFUC307A UNDERMOUNT SINK; STAINLESS STEEL SINGLE BOWL; FURNISH & INSTALL W/ MOEN GENTA #7882 FAUCET	INSTALL PER MANUFACTURER'S REQUIREMENTS; MAINTAIN MINIMUM 2-1/2" AIR GAP BETWEEN FAUCET OPENING & FIXTURE FLOOD LEVEL RIM
6	FLOOR DRAIN	-	-	3	3	-	2	N	N	FLOOR DRAIN TYPICAL OF JR SMITH MODEL #2005; FURNISH AND INSTALL W/ SURESEAL MODEL #SS3009V TRAP SEAL	FURNISH AND INSTALL FLOOR DRAIN WITH TRAP SEAL; INSTALL PER MANUFACTURER'S REQUIREMENTS
7	WASHING MACHINE BOX	1/2	1/2	2	2	1.4	2	Y	N	OATEY #38398 RECESSED CLOTHES WASHER SUPPLY BOX	INSTALL PER MANUFACTURER'S REQUIREMENTS
8	DISHWASHER	1/2	-	2	2	1.4	2	Y	N	DISHWASHER AS SELECTED BY OWNER	INSTALL PER MANUFACTURER'S REQUIREMENTS
9	ELEVATOR SUMP PUMP	-	-	1-1/2	-	-	-	N	N	LIBERTY PUMP MODEL #ELV290-VS ELEVATOR SUMP PUMP W/ OIL DETECTOR; 50 GPM @ 20 FT. HEAD; 3/4 HP; 120/1/60; 1-1/2" DISCHARGE; OILTECTOR CONTROL SYSTEM	INSTALL PER MANUFACTURER'S REQUIREMENTS
10	HOT WATER HEATER	3/4	3/4	-	-	-	-	N	N	RESIDENTIAL ELECTRIC WATER HEATER TYPICAL OF BRADFORD WHITE #RE250T6; 4500W 208V 1Ø HEATING ELEMENT; 21 GPH RECOVERY @ 90°F TEMP. RISE; 0.92 UNIFORM ENERGY FACTOR	INSTALL PER MANUFACTURER'S REQUIREMENTS
11	MOP SINK	1/2	1/2	3	2	1.4	2	Y	N	PROFLO MOP BASIN #PFM36x36; FURNISH W/ PROFLO #PF1119 FAUCET, #PFBG24V BUMPER GUARDS & #PFWG24S WALL GUARDS	INSTALL PER MANUFACTURER'S REQUIREMENTS; MAINTAIN MINIMUM 1-1/2" AIR GAP BETWEEN FAUCET OPENING & FIXTURE FLOOD LEVEL RIM
12	PRIMARY ROOF DRAIN	-	-	-	-	-	-	-	-	ROOF DRAIN TYPICAL OF JOSAM MANUFACTURING MODEL #21500; POLYPROPYLENE LOCKING DOME; NON-PUNCTURING CLAMP RING; LARGE SUMP W/ WIDE ROOF FLANGE	3" OUTLET FOR 2ND FLOOR BALCONIES; 4" OUTLET FOR 3RD FLOOR ROOF
13	DRINKING FOUNTAINS	-	1/2	2	2	1.4	1	Y	N	BI-LEVEL DRINKING FOUNTAIN TYPICAL OF ELKAY #LVRCGRNTL8C; 8.0 GPH CHILLING CAPACITY; 120/1/60	INSTALL PER MANUFACTURER'S REQUIREMENTS
14	LAVATORY	1/2	1/2	1-1/2	1-1/2	0.5	1	Y	N	LAVATORY TYPICAL OF AMERICAN STANDARD RAVENNA #0268.144; FURNISH & INSTALL W/ MOEN GENTA #6702 FAUCET	INSTALL PER MANUFACTURER'S REQUIREMENTS; MAINTAIN MINIMUM 1-1/2" AIR GAP BETWEEN FAUCET OPENING & FIXTURE FLOOD LEVEL RIM
15	WATER CLOSET	-	1/2	3	3	2.2	4	Y	N	AMERICAN STANDARD VORMAX #205AA.104 WATER CLOSET; TWO-PIECE, ELONGATED BOWL, 1.28 GPF; FURNISH & INSTALL W/ PROFLO MODEL #PFTSEC2000WH SLOW CLOSE SEAT	INSTALL PER MANUFACTURER'S REQUIREMENTS
16	TANKLESS WATER HEATER	1/2	1/2	-	-	-	-	N	N	COMMERCIAL TANKLESS ELECTRIC WATER HEATER TYPICAL OF BRADFORD WHITE #ES-4100-2-S-10; 4100W; 208V 1Ø; 56°F TEMP. RISE @ 0.5 GPM	INSTALL PER MANUFACTURER'S REQUIREMENTS
17	SINGLE DRINKING FOUNTAIN	-	1/2	2	2	1.4	1	Y	N	ADA DRINKING FOUNTAIN TYPICAL OF ELKAY #LZSG8S; 8.0 GPH CHILLING CAPACITY; 120/1/60	INSTALL PER ADA & MANUFACTURER'S REQUIREMENTS
18	HOSE BIBB	-	1/2	-	-	-	-	N	N	ANTI-SIPHON WALL FAUCET TYPICAL OF WOODFORD #24; INTEGRAL VACUUM BREAKER; 3/4" MALE HOSE THREAD	INSTALL PER MANUFACTURER'S REQUIREMENTS



1 / P100 Elevator Sump Pump Detail

N.T.S.



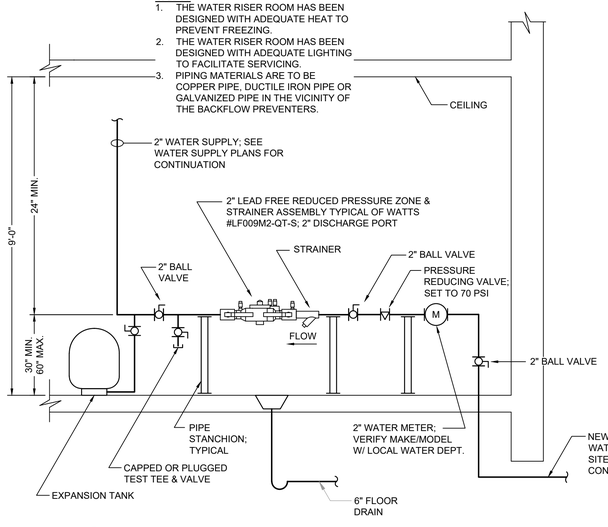
NOTES:
1. PIPE 8" AND LARGER SHALL HAVE ROLLER SUPPORTED WITH DUAL RODS.
2. FOR CHW SERVICE OVER 3" REPLACE SADDLE WITH 12" LONG 14 GA SHIELD WITH RIGID INSULATION BETWEEN PIPE AND SHIELD.

PIPING MATERIAL	PIPE Ø (IN.)	MAX. SPACING BETWEEN HANGERS (FT.)	MIN. ROD SIZE (IN.)
STEEL PIPE	1/2 THRU 2	12	3/8
STEEL PIPE	2-1/2 THRU 6	12	5/8
PVC	1/2 THRU 2	4	3/8
PVC	2-1/2 THRU 6	4	1/2
COPPER TUBING	1/2 THRU 1-1/4	6	3/8
COPPER TUBING	1-1/2 THRU 4	12	5/8
PEX PIPE	1/2 THRU 2	2.67	3/8
CPVC	1/2 THRU 1	3	3/8
CPVC	1-1/4 THRU 4	4	1/2

2 / P100 Pipe Hanger Support

N.T.S.

NOTES:
1. THE WATER RISER ROOM HAS BEEN DESIGNED WITH ADEQUATE HEAT TO PREVENT FREEZING.
2. THE WATER RISER ROOM HAS BEEN DESIGNED WITH ADEQUATE LIGHTING TO FACILITATE SERVICING.
3. PIPING MATERIALS ARE TO BE COPPER PIPE, DUCTILE IRON PIPE OR GALVANIZED PIPE IN THE VICINITY OF THE BACKFLOW PREVENTERS.



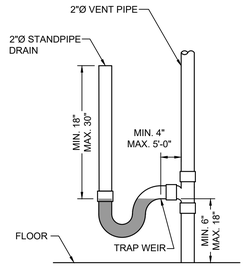
4 / P.101 Domestic Water Service Riser Detail & Notes

N.T.S.

NOTES:
1. THE INSTALLATION OF THE BACKFLOW PREVENTION DEVICE SHALL MEETING ALL STATE OF NEW YORK DEPARTMENT OF HEALTH (NY DOH) REQUIREMENTS.
2. IT IS UNLAWFUL TO REMOVE THIS DEVICE FOR ANY REASON UNLESS NY DOH IS NOTIFIED.
3. EACH BACKFLOW PREVENTION DEVICE SHALL BE TESTED ANNUALLY BY A STATE OF NEW YORK CERTIFIED TESTER.
4. THE ROOM WHERE THE BACKFLOW PREVENTION DEVICE IS TO BE LOCATED HAS HEATING AND LIGHTING.
5. STRAINERS ARE RECOMMENDED PRIOR TO EACH BACKFLOW DEVICE ON NON-FIRE FIGHTING LINES ONLY. NO STRAINER IS TO BE USED ON A FIRE LINE WITHOUT INSURANCE UNDERWRITER APPROVAL.
6. ASSEMBLIES SHOULD BE SPECIFIED AND INSTALLED WITH MANUFACTURER SUPPLIED VALVES.
7. WATER LINES SHOULD BE THOROUGHLY FLUSHED BEFORE INSTALLATION OF DEVICE TO PREVENT DEBRIS FOULING THE DEVICE CHECK VALVES.
8. DEVICES MUST BE MOUNTED HORIZONTALLY UNLESS APPROVED FOR VERTICAL INSTALLATION.
9. ASSEMBLIES SHOULD NOT BE INSTALLED IN AREAS CONTAINING CORROSIVE OR TOXIC GASES WHICH COULD RENDER THE DEVICE INOPERABLE.
10. THE DEVICE SHALL BE ADEQUATELY SUPPORTED AND/OR RESTRAINED TO PREVENT MOVEMENT.
11. MAINTAIN MIN. 12" CLEAR FROM REAR SIDE OF DEVICE TO ANY WALL OR OBSTRUCTION.
12. MAINTAIN MIN. 30" CLEAR FROM FRONT SIDE OF DEVICE TO ANY WALL OR OBSTRUCTION.
13. BETWEEN POINT OF ENTRY AND BACKFLOW DEVICE, PIPED MUST BE STENCILED "FEED TO BACKFLOW PREVENTER. DO NOT TAP OR CONNECT TO THIS LINE." AT 5' INTERVALS, AND AT WALL PENETRATION.

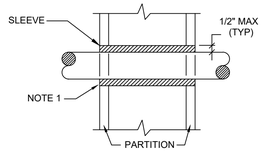
Plumbing Legend:

- DOMESTIC COLD WATER SUPPLY
- 110 °F DOMESTIC HOT WATER SUPPLY
- 140 °F DOMESTIC HOT WATER SUPPLY
- HOT WATER RETURN
- SANITARY SEWER, ABOVE GRADE
- SANITARY SEWER, BELOW GRADE
- PLUMBING VENT
- STORM WATER, ABOVE GRADE
- STORM WATER, BELOW GRADE
- GAS — NATURAL GAS PIPING
- DIRECTION OF PIPE SLOPE (DOWN)
- CONCENTRIC REDUCER OR INCREASER
- ECCENTRIC REDUCER
- TOP CONNECTION, 45° OR 90°
- BOTTOM CONNECTION, 45° OR 90°
- SIDE CONNECTION
- CAPPED OUTLET
- RISE OR DROP IN PIPE
- UNION
- PIPE UP
- PIPE DOWN
- POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK
- STRAINER
- HOSE BIB
- SOLENOID VALVE
- GATE VALVE
- GLOBE VALVE
- CHECK VALVE
- BUTTERFLY VALVE
- FULL PORT BALL VALVE
- PRESSURE GAUGE
- FCO — FLOOR CLEANOUT W/ DECK PLATE
- CO — CLEANOUT
- WCO — WALL CLEANOUT
- C.O.T.G. — CLEANOUT TO GRADE
- P-X — PLUMBING FIXTURE MARK
- H.A. — HAMMER ARRESTOR



3 / P100 Laundry Standpipe Detail

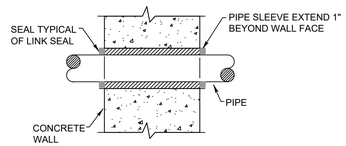
N.T.S.



NOTES:
1. AT FIRE RATED PARTITIONS, ADD ADDITIONAL LAYER OF FIRE SAFING INSULATION AROUND PENETRATION SO AS TO FILL CAVITY.
2. DUCT AND PIPE PENETRATIONS THRU CORRIDOR WALLS ABOVE THE CEILING ARE TO BE FIRE STOPPED AROUND THE PENETRATION.

5 / P100 Pipe Penetrations Detail

N.T.S.



6 / P100 Exterior Wall Pipe Penetrations

N.T.S.

Plumbing Notes:

1. ALL MATERIALS AND EQUIPMENT ARE TO BE NEW, UNUSED, AND FREE FROM DEFECTS OF ANY KIND. THE BASIS OF QUALITY SHALL BE THE LATEST REVISION OF ASTM, ANSI, OR OTHER ACCEPTABLE STANDARDS.
2. THESE DRAWINGS ARE DIAGRAMMATIC, AND INDICATE GENERAL ARRANGEMENT OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO HAVE REVIEWED THE SITE FOR HIS WORK PRIOR TO HAVING SUBMITTED HIS PROPOSAL. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CONDITIONS FOUND DURING THE COURSE OF THE CONTRACT.
3. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF ALL OTHER TRADES.
4. ALL WORK INCLUDING LABOR AND MATERIALS SHALL BE FULLY GUARANTEED FOR ONE (1) YEAR FROM THE DATE OF PAYMENT AND FINAL ACCEPTANCE BY THE OWNER AND ENGINEER.
5. ALL CUTTING, PATCHING, FIRE-STOPPING, AND SURFACE RESTORATION IN CONNECTION WITH THIS TRADE SHALL BE COMPLETED BY THIS CONTRACTOR.
6. A MINIMUM OF FOUR (4) COPIES OF SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO ORDERING AND INSTALLATION OF THE EQUIPMENT AND/OR MATERIALS. BY SUBMITTING SHOP DRAWINGS, THE CONTRACTOR REPRESENTS THAT ACTUAL FIELD CONDITIONS ARE VERIFIED BY HIM AND ARE REFLECTED ON HIS SUBMITTALS.
7. THIS CONTRACTOR SHALL PAY ALL FEES, GIVE ALL NOTICES, FILE ALL NECESSARY DRAWINGS, AND OBTAIN ALL PERMITS, INSPECTIONS AND CERTIFICATES OF APPROVAL REQUIRED IN CONNECTION WITH WORK UNDER THIS CONTRACT.
8. ALL WORK IN ASSOCIATION WITH THIS CONTRACT SHALL BE COMPLETED IN STRICT COMPLIANCE WITH THE 2020 BUILDING CODE OF NEW YORK STATE, 2020 FUEL GAS CODE OF NEW YORK STATE & 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.
9. WHERE THE PROJECT INVOLVES A GAS SERVICE, THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION, APPLICATIONS AND FEES OF ALL WORK ASSOCIATED WITH THE LOCAL GAS UTILITY COMPANY. ALL WORK INVOLVING THE GAS UTILITY COMPANY SHALL BE COMPLETED IN ACCORDANCE WITH THEIR REGULATIONS AND GUIDELINES.
10. ALL DOMESTIC COLD AND HOT WATER PIPING AND FITTINGS ARE TO BE INSULATED WITH 1" THICK RIGID ONE-PIECE MOLDED SECTIONAL FIBERGLASS PIPE COVERING WITH UNIVERSAL JACKET. ALL JOINTS ARE TO BE COMPLETELY SEALED A MINIMUM OF 6" BEYOND JOINT ENDS.
11. ALL PIPING SHALL BE PROPERLY SUPPORTED AND ROUTED PARALLEL OR PERPENDICULAR TO BUILDING WALLS. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL SUPPORT HANGERS AND MISCELLANEOUS METALS REQUIRED FOR PROPER INSTALLATION OF WORK.
12. PIPING SYSTEM MATERIALS ARE TO BE AS FOLLOWS:

12.1. DOMESTIC WATER DISTRIBUTION - NSF 61 COMPLIANT. CHLORINATED POLYVINYL CHLORIDE (CPVC) PLASTIC PIPE AND FITTINGS. JOINTS SHALL BE MADE IN ACCORDANCE WITH ASTM D 2846 USING A PRIMER AND SOLVENT CEMENT CONFORMING TO ASTM F 493. PEX TUBING CAN BE USED FOR FINAL BRANCH RUNOUTS. IF COPPER TUBING IS USED, ALL COPPER TUBE JOISTS SHALL BE LEAD-FREE.

12.2. SANITARY DRAINAGE & VENT - SCHEDULE 40 POLYVINYL CHLORIDE (PVC) PLASTIC PIPE AND FITTINGS. JOINTS SHALL BE MADE IN ACCORDANCE WITH ASTM D 2855 USING A PRIMER CONFORMING TO ASTM F 656 AND SOLVENT CEMENT CONFORMING TO ASTM D 2564.

12.3. GAS DISTRIBUTION - SCHEDULE 40 BLACK STEEL PIPE WITH MALLEABLE IRON THREADED FITTINGS & THREAD JOINT COMPOUND FOR PIPING UP THRU 4" DIAMETER. JOINTS MUST BE WELDED FOR PIPING OVER 4" DIAMETER. WHERE PIPING IS TO BE INSTALLED BELOW GRADE, PIPING AND FITTINGS ARE TO BE COATED WITH A CORROSION-RESISTANT MATERIAL.

13. ALL EXPOSED PIPING, FITTINGS, TRAPS, ESCUTCHEONS, VALVES, ETC. SHALL BE CHROME PLATED.
14. SLOPE SANITARY DRAINAGE PIPING 2" DIAMETER AND SMALLER NOT LESS THAN 1/4" PER FOOT. SLOPE SANITARY DRAINAGE PIPING OVER 2" DIAMETER NOT LESS THAN 1/8" PER FOOT.
15. INSTALL A CLEANOUT AT THE BASE OF EACH SOIL STACK, AT EACH CHANGE IN DIRECTION, AT INTERVALS NOT OVER 50 FEET AND ELSEWHERE AS SHOWN ON DRAWINGS OR REQUIRED BY CODE.
16. PROVIDE EXPOSED PIPING WITH CHROME PLATED CAST BRASS ESCUTCHEON WITH SET SCREW WHERE PENETRATING FLOORS, CEILINGS, WALLS OR PARTITIONS.
17. TEST PIPING AND PROVE TIGHT FOR AT LEAST TWO HOURS IN ACCORDANCE WITH REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION AND/OR AS SPECIFIED. TEST SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER AND LOCAL INSPECTOR. TEST SHALL BE REPEATED IF NECESSARY UNTIL FINAL APPROVAL OF SYSTEM IS OBTAINED.
    17.1. WATER & GAS PIPING TO BE AIR-PRESSURE TESTED TO 1-1/2 TIMES MAXIMUM WORKING PRESSURE.
    17.2. DRAINAGE, WASTE & VENT PIPING TO BE TESTED BY FILLING THE SYSTEM WITH WATER TO 10-FEET ABOVE HIGHEST POINT.
18. SUPPORT HORIZONTAL PIPING UTILIZING A SPACING PER PIPING MANUFACTURER'S REQUIREMENTS.
19. INSTALL FULL OPEN VALVES IN THE FOLLOWING LOCATIONS:
    19.1. ON THE BUILDING WATER SERVICE PIPE FROM THE PUBLIC WATER SUPPLY NEAR THE CURB.
    19.2. ON THE WATER DISTRIBUTION SUPPLY PIPE AT THE ENTRANCE INTO THE STRUCTURE.
    19.3. ON THE DISCHARGE SIDE OF EVERY WATER METER.
    19.4. ON THE BASE OF EVERY WATER RISER PIPE.
    19.5. ON THE TOP OF EVERY WATER DOWN-FEED PIPE.
    19.6. ON THE ENTRANCE TO EVERY WATER SUPPLY PIPE TO A DWELLING UNIT.
    19.7. ON THE WATER SUPPLY PIPE TO A GRAVITY OR PRESSURIZED WATER TANK.
    19.8. ON THE WATER SUPPLY PIPE TO EVERY WATER HEATER.
20. INSTALL DRAIN VALVES AT BASE OF ALL RISERS AND AT LOW POINTS OF PIPING SYSTEM.
21. JOINTS AT THE ROOF AROUND VENT PIPES SHALL BE MADE WATER TIGHT BY THE USE OF COPPER, GALVANIZED STEEL, ALUMINUM, PLASTIC OR OTHER APPROVED FLASHINGS OR FLASHING MATERIALS. EXTERIOR WALL OPENINGS SHALL BE MADE WATER TIGHT.
22. WHERE HORIZONTAL PIPES 4" AND LARGER CONVEY DRAINAGE OR WASTE, AND WHERE A PIPE FITTING IN THAT PIPING CHANGES THE FLOW DIRECTION GREATER THAN 45°, RIGID BRACING OR OTHER RIGID SUPPORT ARRANGEMENTS SHALL BE INSTALLED TO RESIST MOVEMENT OF THE UPSTREAM PIPE IN THE DIRECTION OF PIPE FLOW. A CHANGE OF FLOW DIRECTION INTO A VERTICAL PIPE SHALL NOT REQUIRE THE UPSTREAM PIPE TO BE BRACED.
23. ANCHORAGE SHALL BE PROVIDED TO RESTRAIN DRAINAGE PIPING FROM AXIAL MOVEMENT.
24. THE CONTRACTOR IS RESPONSIBLE TO TEST ALL EQUIPMENT, PIPING, FIXTURES, AND SYSTEMS INSTALLED UNDER THIS CONTRACT TO ENSURE PROPER OPERATION PRIOR TO FINAL ACCEPTANCE BY THE OWNER AND ENGINEER.
25. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE WHETHER SPECIAL LICENSING IS REQUIRED IN ORDER TO PERFORM THE REQUIRED WORK IN THE MUNICIPALITY WHERE THE PROJECT IS LOCATED. IF THE CONTRACTOR CANNOT OBTAIN THE REQUIRED LICENSING TO COMPLETE THE WORK WITHIN THE PROJECT SCHEDULE, THEN THE CONTRACTOR SHALL NOT BE PERMITTED TO BID ON THIS PROJECT.
26. CONTRACTOR IS RESPONSIBLE TO CREATE AND SUBMIT RED-LINE "AS-BUILT" PLANS TO THE ENGINEER AT THE END OF THE PROJECT. AS-BUILT PLANS SHALL ACCURATELY REPRESENT THE SYSTEMS AS THEY WERE INSTALLED.

NOTES

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

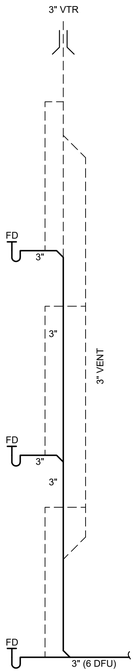
DRAWING
PLUMBING SCHEDULE, LEGEND, NOTES & DETAILS

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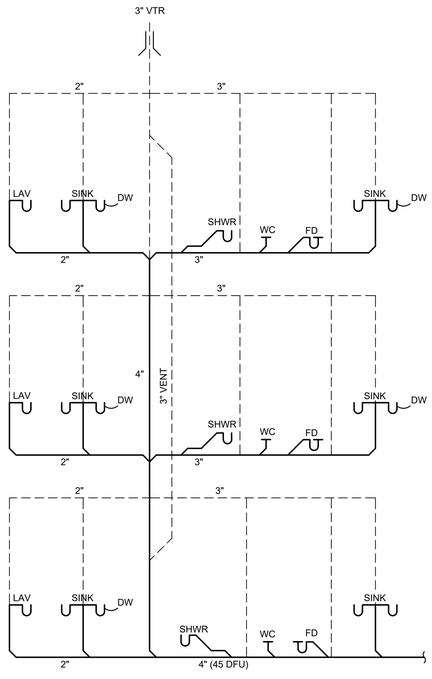
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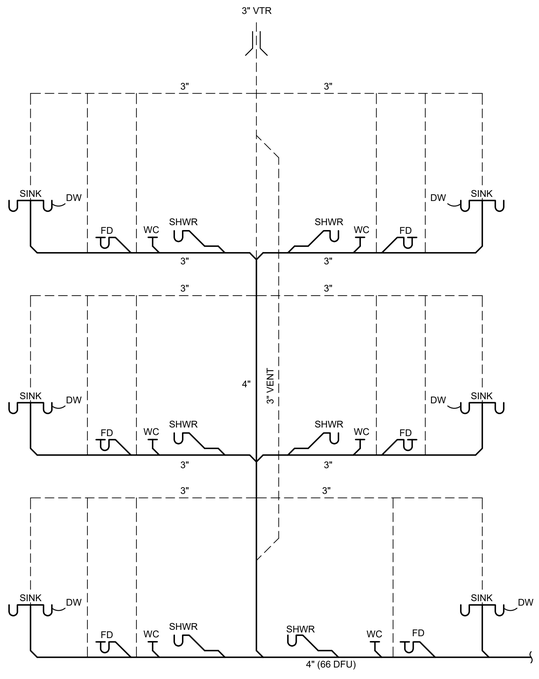
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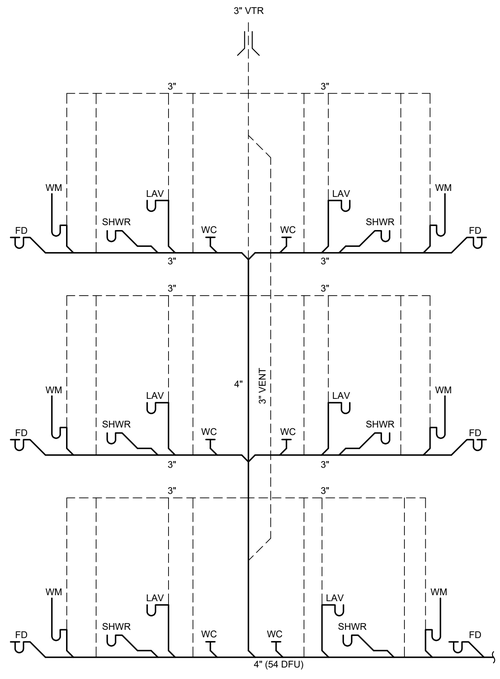
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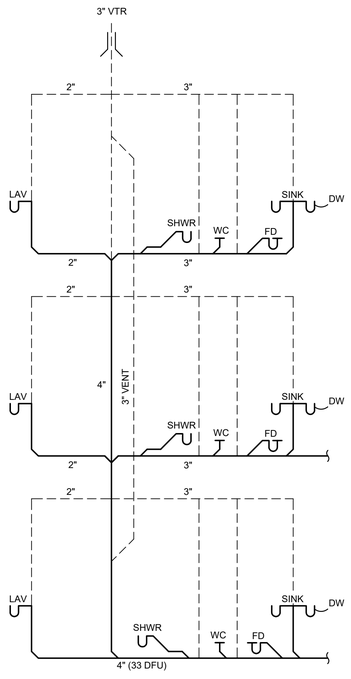
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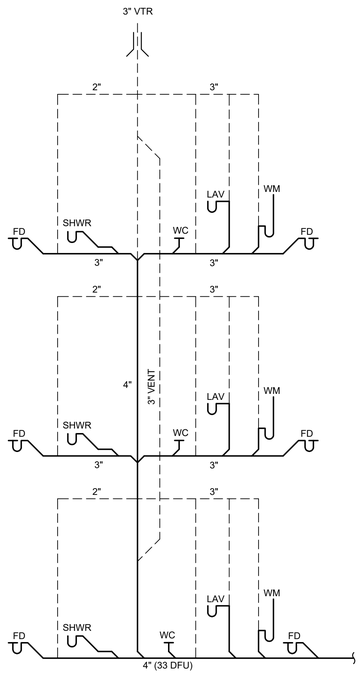
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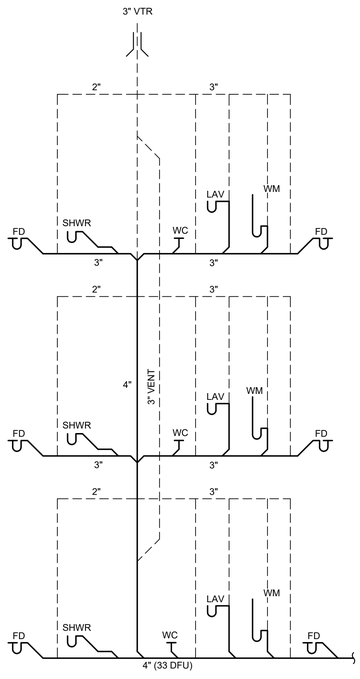
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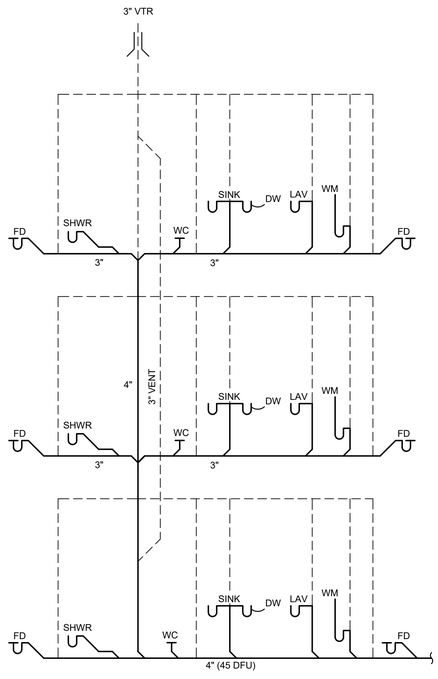
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Riser 6 P.102



Riser 7 P.102



Riser 8 P.102

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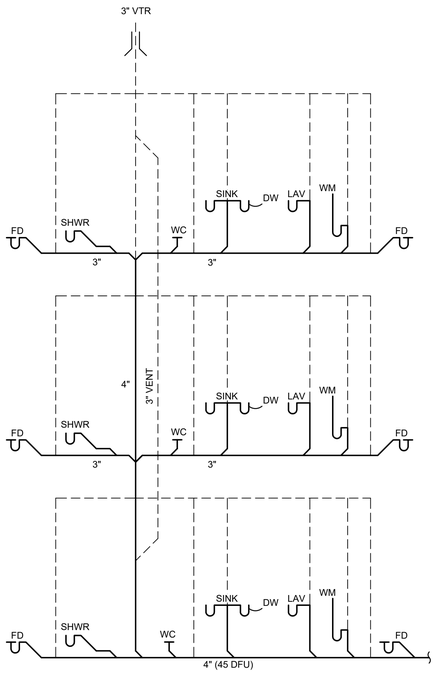
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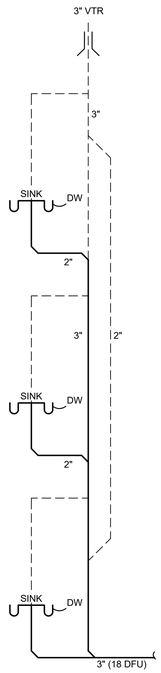
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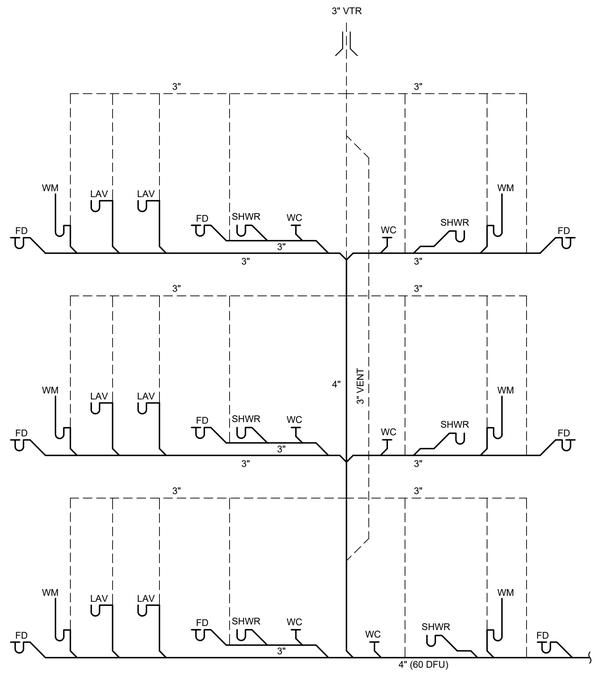
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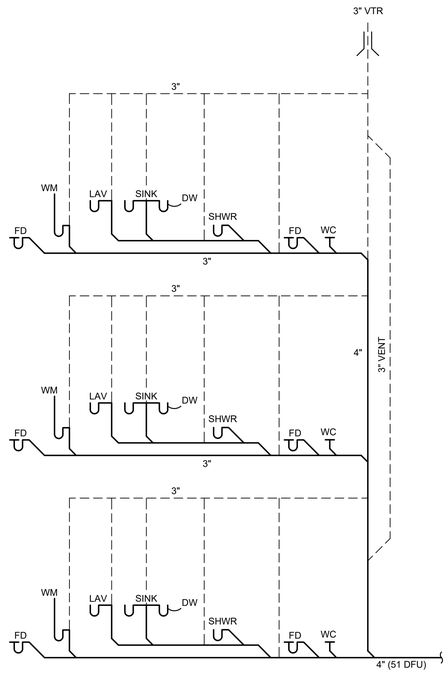
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Riser 9 P.103



Riser 10 P.103



Riser 11 P.103

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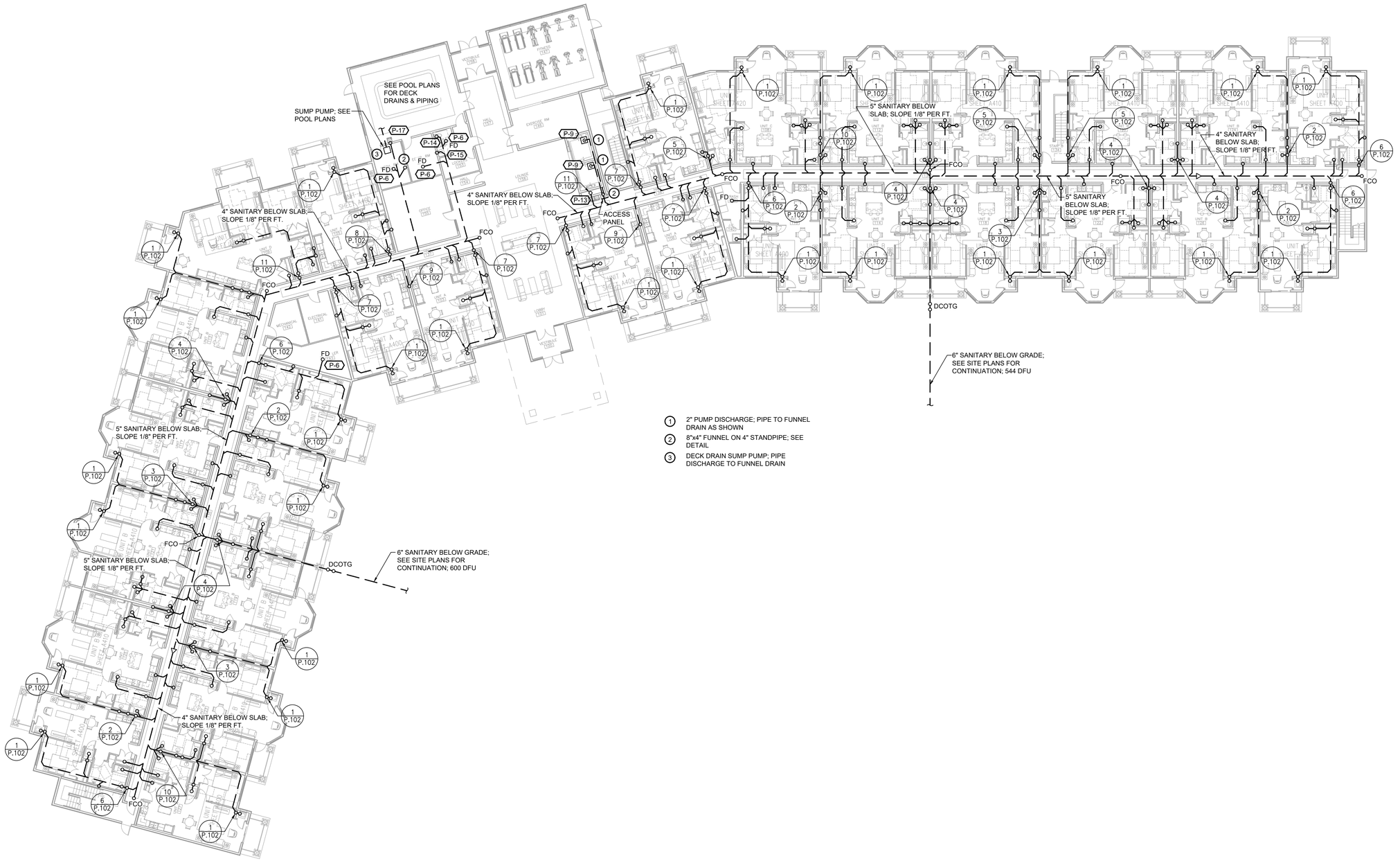
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SANITARY RISERS (2 OF 2)

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P.103



1. 2" PUMP DISCHARGE; PIPE TO FUNNEL DRAIN AS SHOWN
2. 8"x4" FUNNEL ON 4" STANDPIPE; SEE DETAIL
3. DECK DRAIN SUMP PUMP; PIPE DISCHARGE TO FUNNEL DRAIN

1 / P.201 First Floor Sanitary Drainage Plan

Scale: 1/16" = 1'-0"

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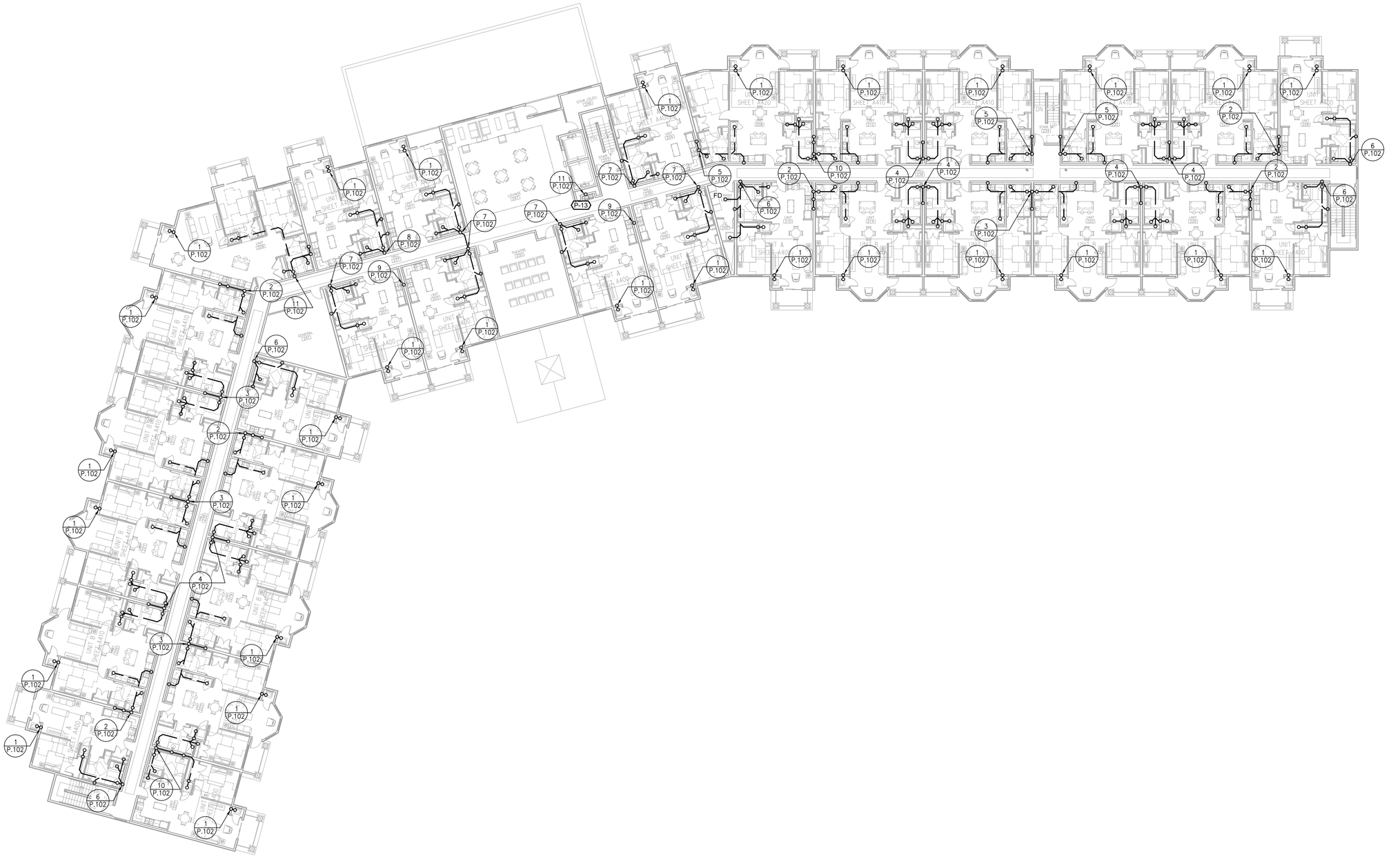
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DRAWING
FIRST FLOOR SANITARY DRAINAGE PLAN

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P.201



1 P.202 Second Floor Sanitary Drainage Plan

Scale: 1/16" = 1'-0"

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DRAWING
SECOND FLOOR SANITARY DRAINAGE PLAN

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P.202



1 P.203 Third Floor Sanitary Drainage Plan
Scale: 1/16" = 1'-0"

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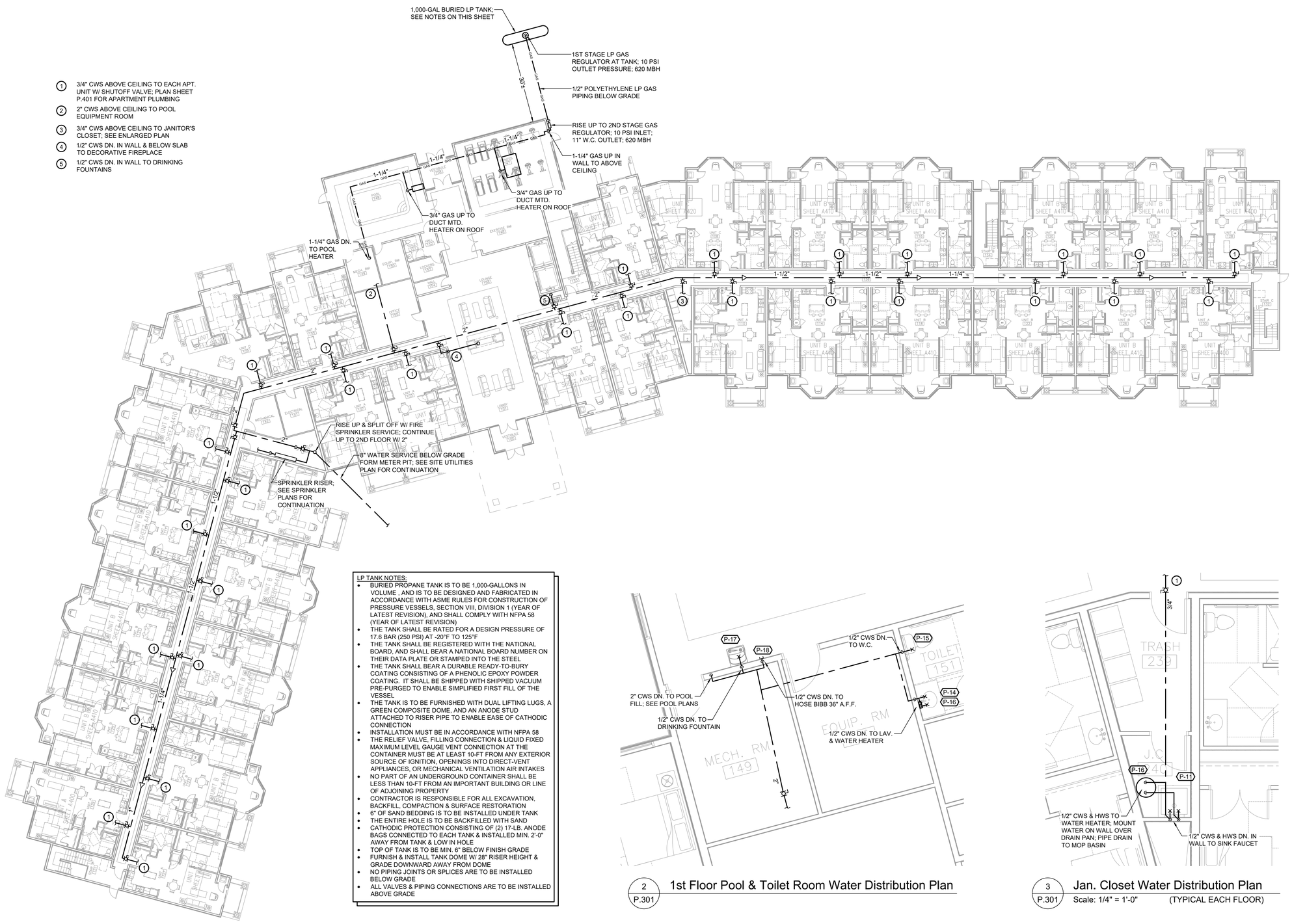
DRAWING
THIRD FLOOR SANITARY DRAINAGE PLAN

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P.203

1. 3/4" CWS ABOVE CEILING TO EACH APT. UNIT W/ SHUTOFF VALVE; PLAN SHEET P.401 FOR APARTMENT PLUMBING
2. 2" CWS ABOVE CEILING TO POOL EQUIPMENT ROOM
3. 3/4" CWS ABOVE CEILING TO JANITOR'S CLOSET; SEE ENLARGED PLAN
4. 1/2" CWS DN. IN WALL & BELOW SLAB TO DECORATIVE FIREPLACE
5. 1/2" CWS DN. IN WALL TO DRINKING FOUNTAINS



LP TANK NOTES:

- BURIED PROPANE TANK IS TO BE 1,000-GALLONS IN VOLUME , AND IS TO BE DESIGNED AND FABRICATED IN ACCORDANCE WITH ASME RULES FOR CONSTRUCTION OF PRESSURE VESSELS, SECTION VIII, DIVISION 1 (YEAR OF LATEST REVISION), AND SHALL COMPLY WITH NFPA 58 (YEAR OF LATEST REVISION)
- THE TANK SHALL BE RATED FOR A DESIGN PRESSURE OF 17.6 BAR (250 PSI) AT -20°F TO 125°F
- THE TANK SHALL BE REGISTERED WITH THE NATIONAL BOARD, AND SHALL BEAR A NATIONAL BOARD NUMBER ON THEIR DATA PLATE OR STAMPED INTO THE STEEL
- THE TANK SHALL BEAR A DURABLE READY-TO-BURY COATING CONSISTING OF A PHENOLIC EPOXY POWDER COATING. IT SHALL BE SHIPPED WITH SHIPPED VACUUM PRE-PURGED TO ENABLE SIMPLIFIED FIRST FILL OF THE VESSEL
- THE TANK IS TO BE FURNISHED WITH DUAL LIFTING LUGS, A GREEN COMPOSITE DOME, AND AN ANODE STUD ATTACHED TO RISER PIPE TO ENABLE EASE OF CATHODIC CONNECTION
- INSTALLATION MUST BE IN ACCORDANCE WITH NFPA 58
- THE RELIEF VALVE, FILLING CONNECTION & LIQUID FIXED MAXIMUM LEVEL GAUGE VENT CONNECTION AT THE CONTAINER MUST BE AT LEAST 10-FT FROM ANY EXTERIOR SOURCE OF IGNITION, OPENINGS INTO DIRECT-VENT APPLIANCES, OR MECHANICAL VENTILATION AIR INTAKES
- NO PART OF AN UNDERGROUND CONTAINER SHALL BE LESS THAN 10-FT FROM AN IMPORTANT BUILDING OR LINE OF ADJOINING PROPERTY
- CONTRACTOR IS RESPONSIBLE FOR ALL EXCAVATION, BACKFILL, COMPACTION & SURFACE RESTORATION
- 6" OF SAND BEDDING IS TO BE INSTALLED UNDER TANK
- THE ENTIRE HOLE IS TO BE BACKFILLED WITH SAND
- CATHODIC PROTECTION CONSISTING OF (2) 17-LB. ANODE BAGS CONNECTED TO EACH TANK & INSTALLED MIN. 2'-0" AWAY FROM TANK & LOW IN HOLE
- TOP OF TANK IS TO BE MIN. 6" BELOW FINISH GRADE
- FURNISH & INSTALL TANK DOME W/ 28" RISER HEIGHT & GRADE DOWNWARD AWAY FROM DOME
- NO PIPING JOINTS OR SPLICES ARE TO BE INSTALLED BELOW GRADE
- ALL VALVES & PIPING CONNECTIONS ARE TO BE INSTALLED ABOVE GRADE

2 P.301 1st Floor Pool & Toilet Room Water Distribution Plan

3 P.301 Jan. Closet Water Distribution Plan
Scale: 1/4" = 1'-0" (TYPICAL EACH FLOOR)

1 P.301 First Floor Water & Gas Distribution Plan
Scale: 1/8" = 1'-0"

NOTES

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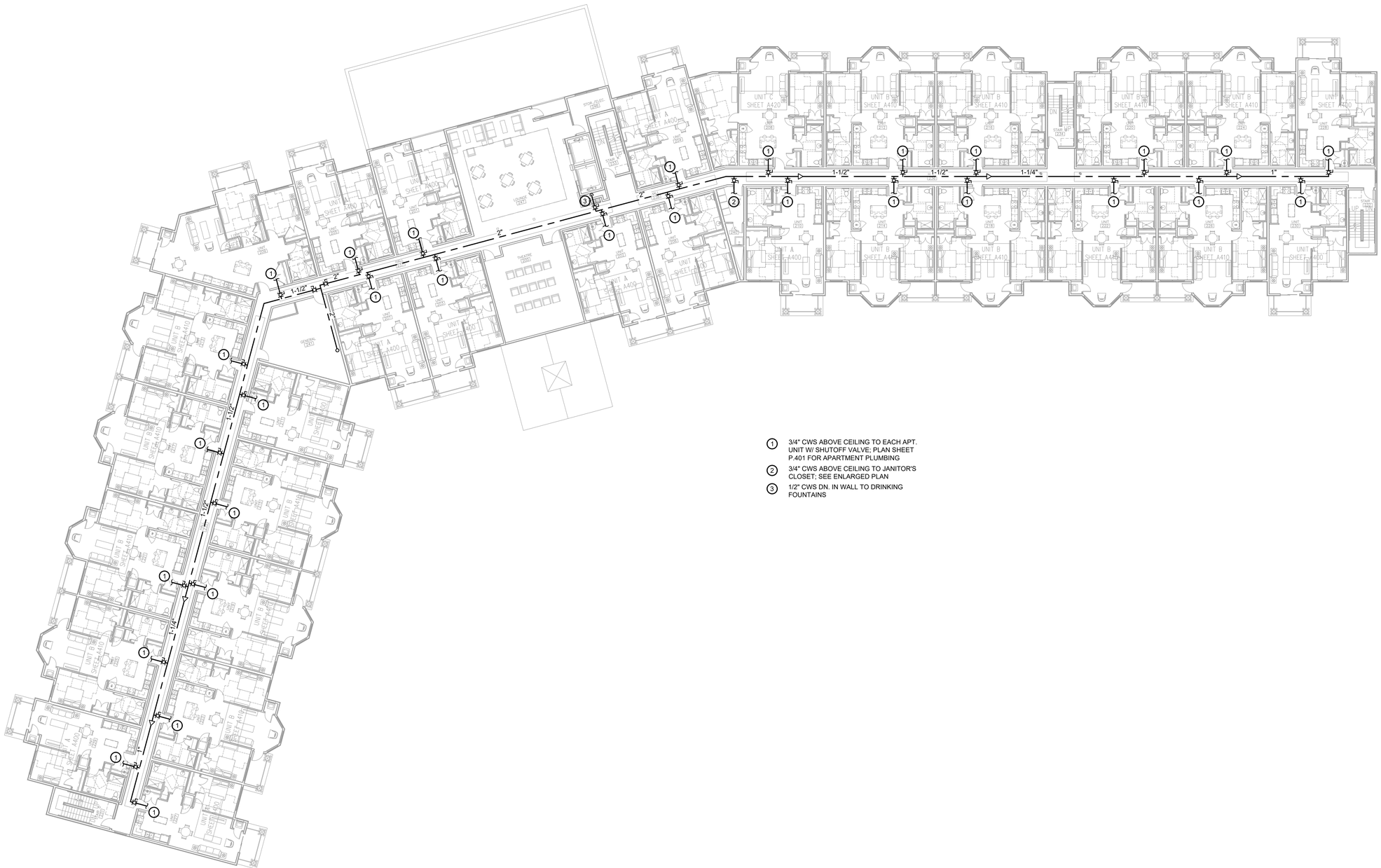
PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
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DRAWING
FIRST FLOOR WATER & GAS DISTRIBUTION PLAN

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1. 3/4" CWS ABOVE CEILING TO EACH APT. UNIT W/ SHUTOFF VALVE; PLAN SHEET P.401 FOR APARTMENT PLUMBING
2. 3/4" CWS ABOVE CEILING TO JANITOR'S CLOSET; SEE ENLARGED PLAN
3. 1/2" CWS DN. IN WALL TO DRINKING FOUNTAINS

1 / P.302 Second Floor Water Distribution Plan

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

NOTES

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PROJECT
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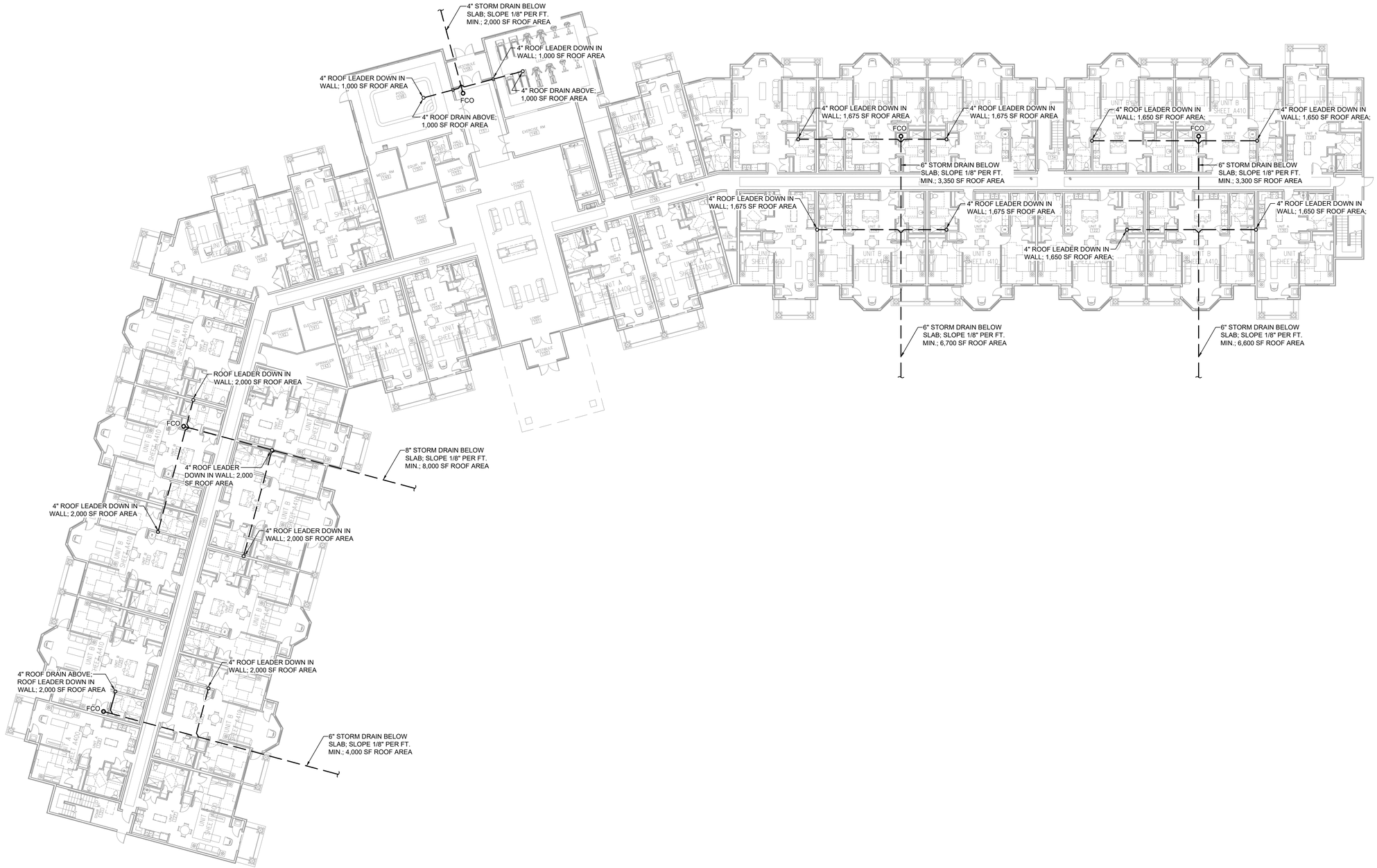
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1-1/2"
1-1/2"
1-1/2"
1-1/2"
1-1/4"
1"
1-1/2"
1-1/2"
1-1/2"
1"
1-1/4"
UNIT C SHEET A420
UNIT B SHEET A410
UNIT B SHEET A410
UNIT A SHEET A400
UNIT B SHEET A410
UNIT B SHEET A410
UNIT A SHEET A400
UNIT B SHEET A410
UNIT B SHEET A410
UNIT A SHEET A400
UNIT A SHEET A400
UNIT E SHEET A440
UNIT A SHEET A400
UNIT A SHEET A400
UNIT B SHEET A410
UNIT B SHEET A410
UNIT B SHEET A410
UNIT B SHEET A410
UNIT B SHEET A410
UNIT B SHEET A410
UNIT A SHEET A400
UNIT A SHEET A400
UNIT A SHEET A400



1 P.401 First Floor Roof Drainage Plan

Scale: 1/16" = 1'-0"

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DRAWING
FIRST FLOOR ROOF DRAINAGE PLAN

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1 / P.402 Second Floor Roof Drainage Plan

Scale: 1/16" = 1'-0"

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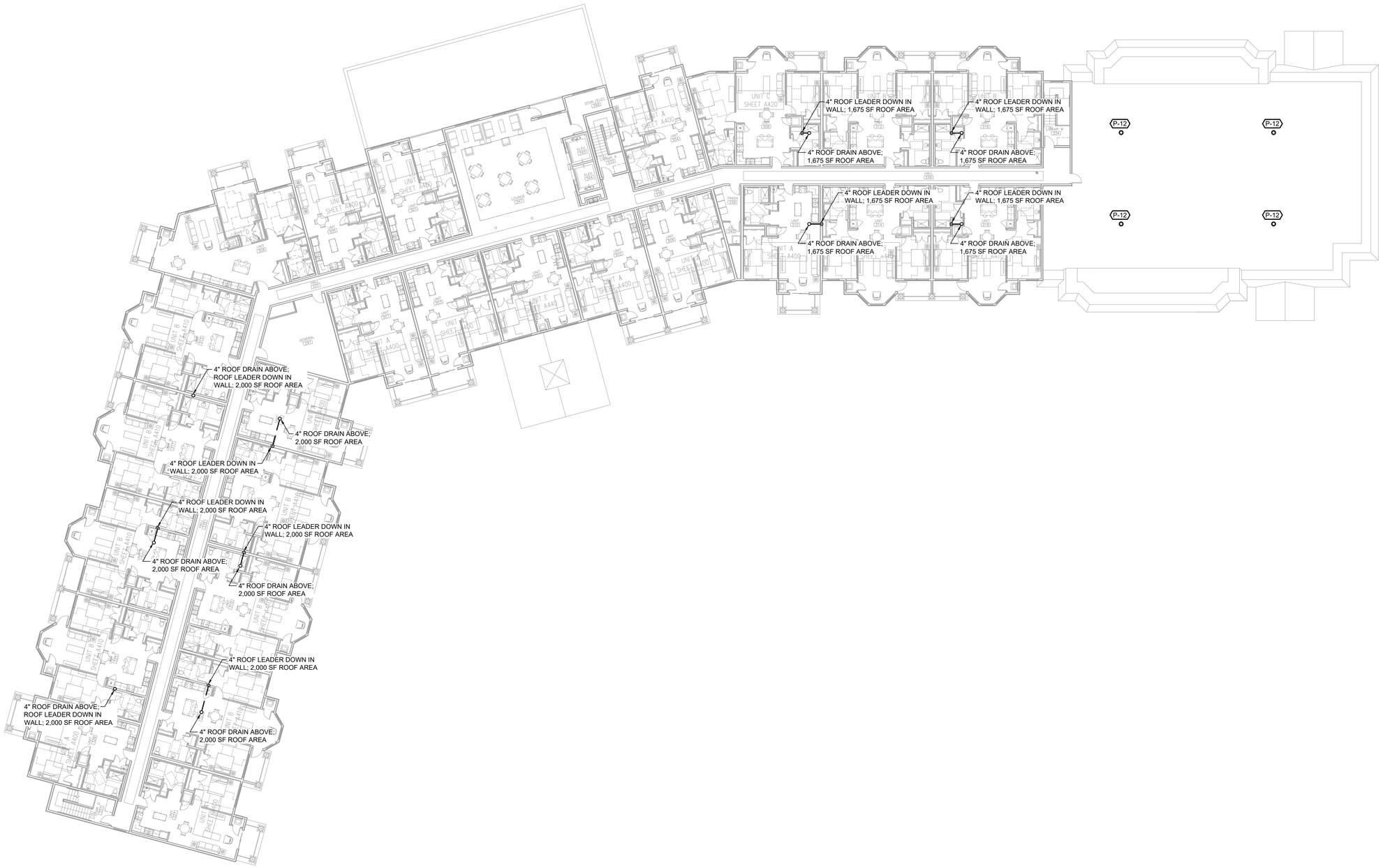
PROJECT
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DRAWING
SECOND FLOOR ROOF DRAINAGE PLAN

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P.402



1 / P.403 Third Floor Sanitary Drainage Plan

Scale: 1/16" = 1'-0"

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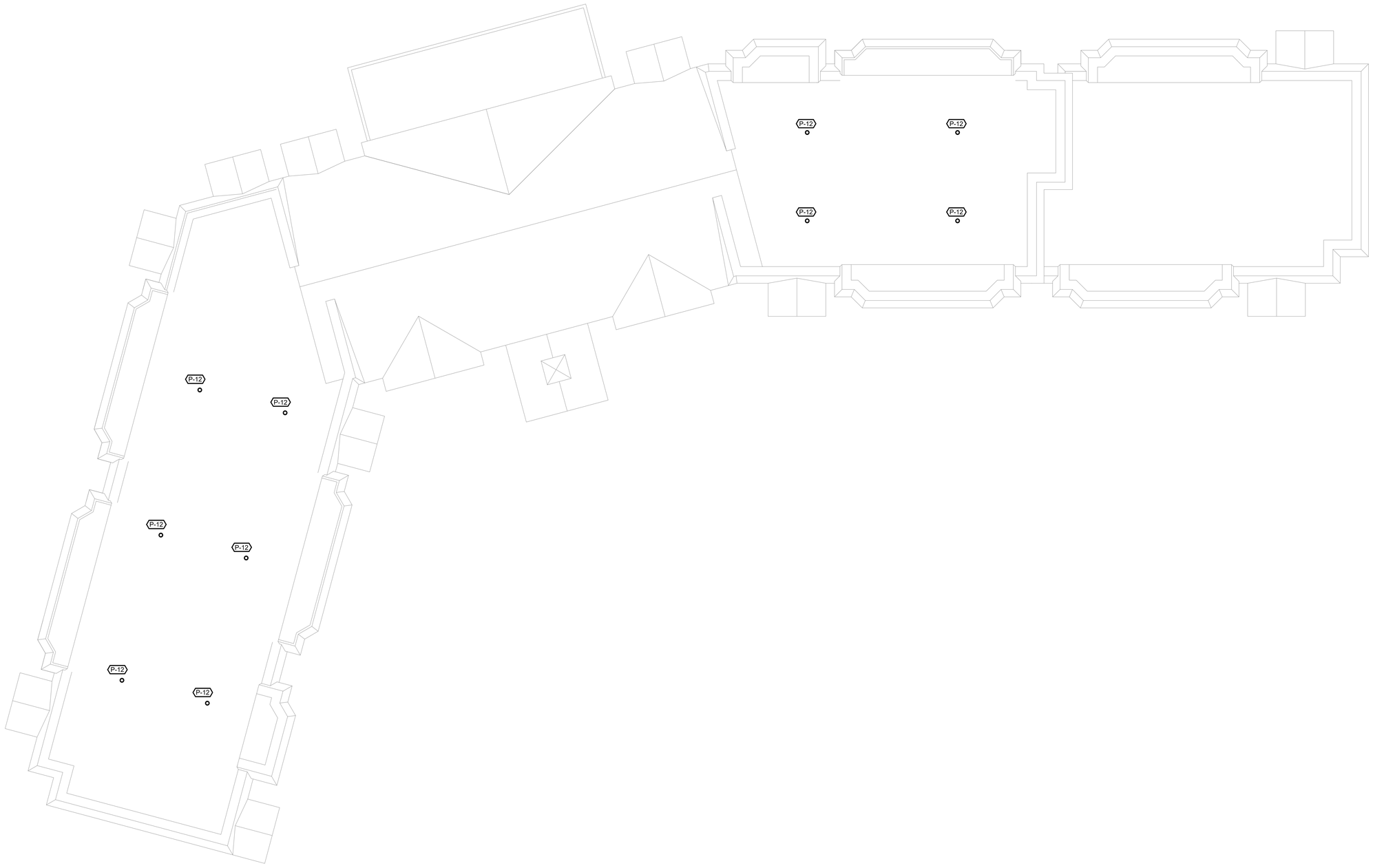
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DRAWING
THIRD FLOOR ROOF DRAINAGE PLAN

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1 / P.404 Roof Drainage Plan
Scale: 1/16" = 1'-0"

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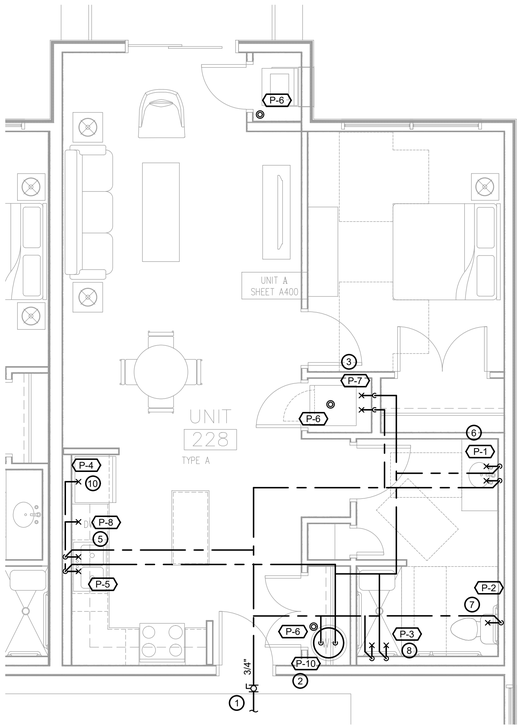
PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
ROOF DRAINAGE PLAN

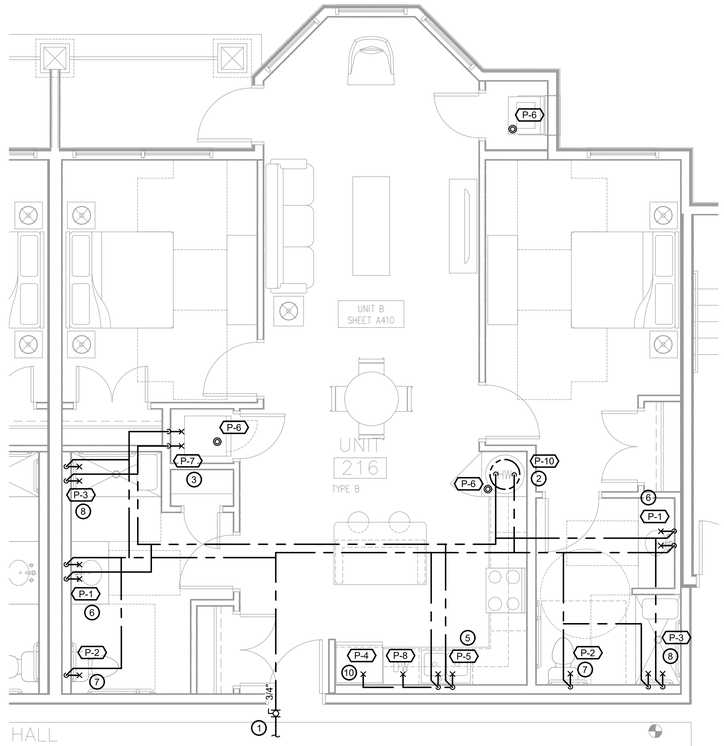
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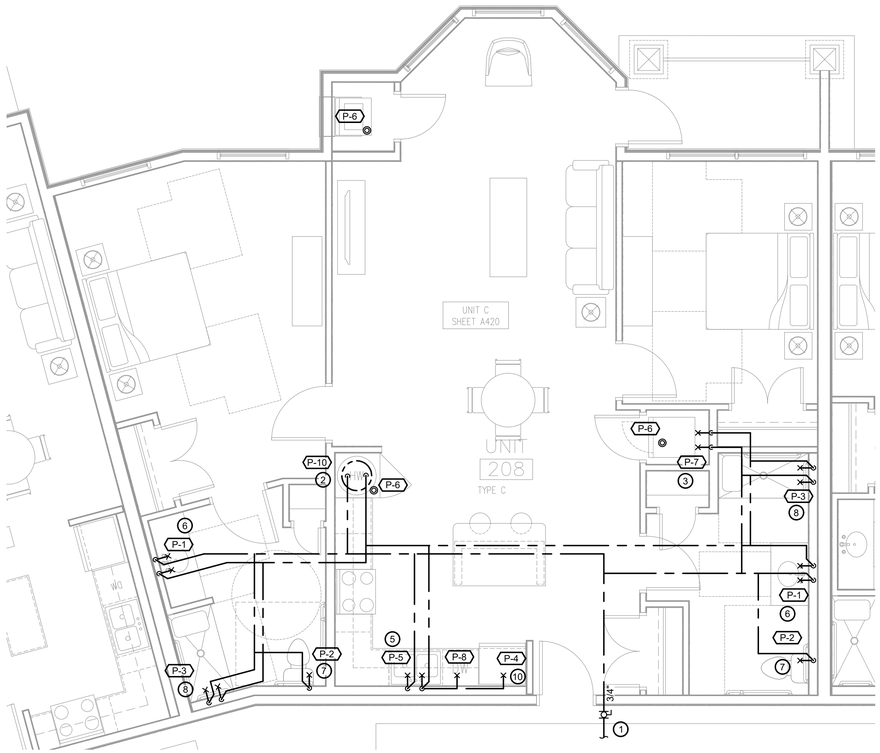
1 P.501 **Typical Unit Type 'A' Plumbing Plan**
Scale: 1/4" = 1'-0"



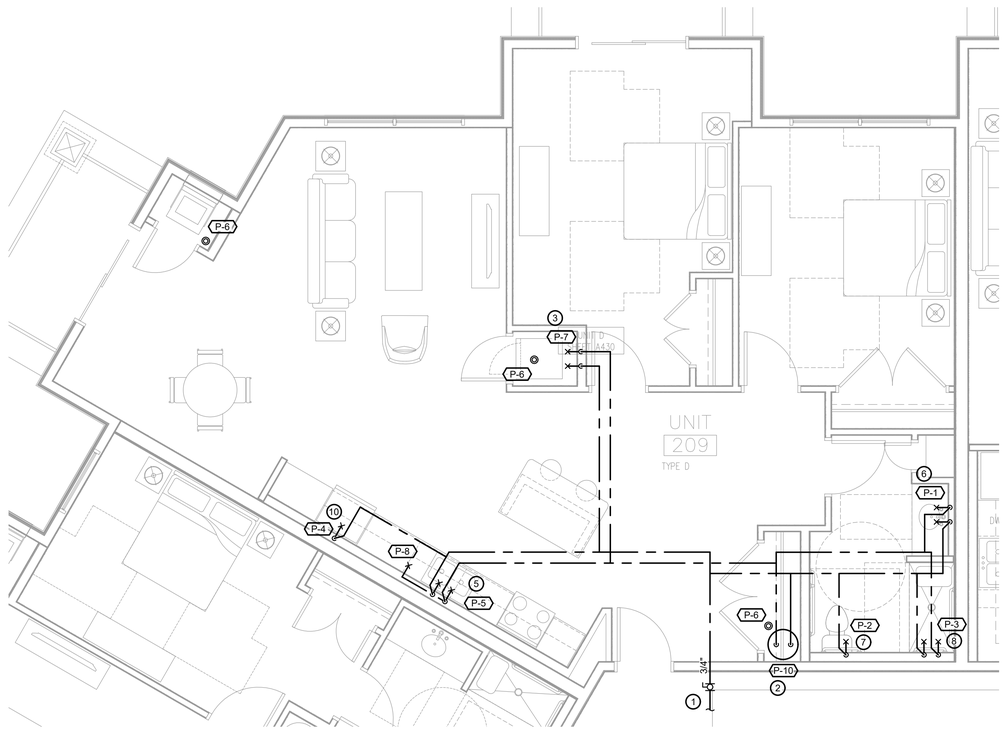
2 P.501 **Typical Unit Type 'B' Plumbing Plan**
Scale: 1/4" = 1'-0"

KEYED PLAN NOTES:

1. 3/4" CWS ABOVE CEILING TO EACH APT. UNIT W/ SHUTOFF VALVE; FURNISH & INSTALL ACCESS PANEL IN CEILING; SEE PLANS SHEET P.202 FOR CONTINUATION
2. ELECTRIC WATER HEATER TO BE SET IN PAN ON FLOOR IN CLOSET; 3/4" CWS & HWS TO WATER HEATER
3. 1/2" CWS & HWS DN. IN WALL TO WASH. MACH. BOX
4. 1/2" CWS & HWS DN. IN WALL; CONTINUE BELOW FLOOR TO ISLAND
5. 1/2" CWS & HWS UP IN ISLAND TO SINK; 1/2" HWS TO DISHWASHER
6. 1/2" CWS & HWS DN. IN WALL TO LAVATORY
7. 1/2" CWS DN. IN WALL TO WATER CLOSET
8. 1/2" CWS & HWS DN. IN WALL TO SHOWER VALVE
9. 1/2" CWS TO REFRIGERATOR WATER CONNECTION
10. 1/2" CWS TO REFRIGERATOR ICE MAKER BOX



3 P.501 **Typical Unit Type 'C' Plumbing Plan**
Scale: 1/4" = 1'-0"



3 P.501 **Typical Unit Type 'D' Plumbing Plan**
Scale: 1/4" = 1'-0"

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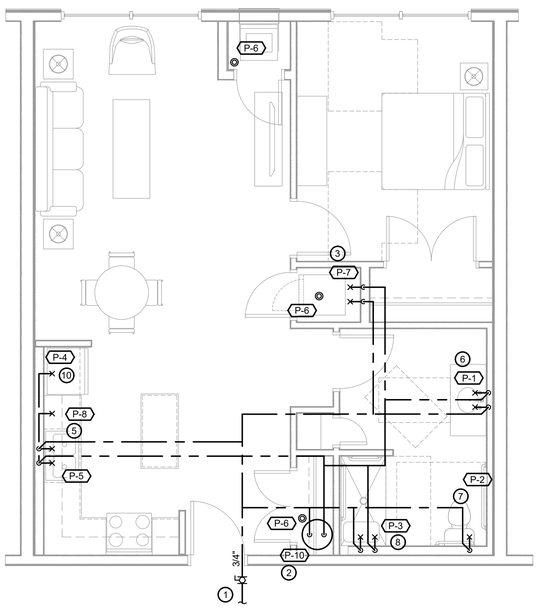
PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
ENLARGED APARTMENT PLUMBING PLANS (1 OF 2)

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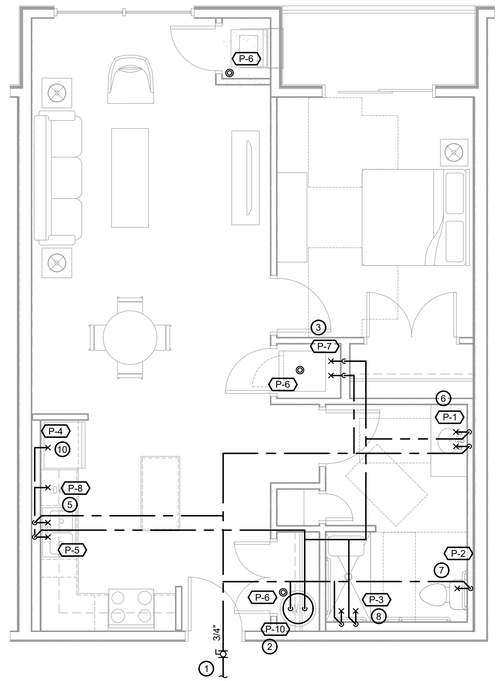
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1 / P.502 Typical Unit Type 'E' Plumbing Plan

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



2 / P.502 Typical Unit Type 'F' Plumbing Plan

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

KEYED PLAN NOTES:

1. 3/4" CWS ABOVE CEILING TO EACH APT. UNIT W/ SHUTOFF VALVE; FURNISH & INSTALL ACCESS PANEL IN CEILING; SEE PLANS SHEET P.202 FOR CONTINUATION
2. ELECTRIC WATER HEATER TO BE SET IN PAN ON FLOOR IN CLOSET; 3/4" CWS & HWS TO WATER HEATER
3. 1/2" CWS & HWS DN. IN WALL TO WASH. MACH. BOX
4. 1/2" CWS & HWS DN. IN WALL; CONTINUE BELOW FLOOR TO ISLAND
5. 1/2" CWS & HWS UP IN ISLAND TO SINK; 1/2" HWS TO DISHWASHER
6. 1/2" CWS & HWS DN. IN WALL TO LAVATORY
7. 1/2" CWS DN. IN WALL TO WATER CLOSET
8. 1/2" CWS & HWS DN. IN WALL TO SHOWER VALVE
9. 1/2" CWS TO REFRIGERATOR WATER CONNECTION
10. 1/2" CWS TO REFRIGERATOR ICE MAKER BOX

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P.502

INDOOR MINI-SPLIT UNIT SCHEDULE

EQUIPMENT TAG	MANUFACTURER (OR ACCEPT. EQUAL)	MODEL	MINI-SPLIT UNIT TYPE	AREA OF BUILDING SERVED	WET COIL AIRFLOW (CFM)	OUTDOOR AIRFLOW (CFM)	COOLING			HEATING			PAIRED OUTDOOR UNIT	EXTERNAL STATIC PRESSURE (IN. W.C.)	ELECTRICAL POWER REQUIREMENTS				WEIGHT (LB)	NOTES
							NOMINAL CAPACITY (MBH)	EDB (°F)	EWB (°F)	NOMINAL CAPACITY (MBH)	EDB (°F)	EWB (°F)			VOLT.	PHASE	Hz.	MCA		
CC-1	SAMSUNG	AM007NNNDCH/AA	CEILING CASSETTE	1ST FLOOR HALL	230-318	37.2	7.5	80.0	67.0	8.7	70.0	60.0	HP-1	-	208	1	60	0.24	26.46	FURNISH W/ THERMOSTAT INTERFACE & CONDENSATE PUMP
CC-2	SAMSUNG	AM007NNNDCH/AA	CEILING CASSETTE	1ST FLOOR HALL	230-318	37.2	7.5	80.0	67.0	8.7	70.0	60.0		-	208	1	60	0.24	26.46	FURNISH W/ THERMOSTAT INTERFACE & CONDENSATE PUMP
CC-3	SAMSUNG	AM007NNNDCH/AA	CEILING CASSETTE	1ST FLOOR HALL	230-318	37.2	7.5	80.0	67.0	8.7	70.0	60.0	HP-2	-	208	1	60	0.24	26.46	FURNISH W/ THERMOSTAT INTERFACE & CONDENSATE PUMP
CC-4	SAMSUNG	AM007NNNDCH/AA	CEILING CASSETTE	1ST FLOOR HALL	230-318	37.2	7.5	80.0	67.0	8.7	70.0	60.0		-	208	1	60	0.24	26.46	FURNISH W/ THERMOSTAT INTERFACE & CONDENSATE PUMP
CC-5	SAMSUNG	AM018NNNDCH/AA	CEILING CASSETTE	1ST FLOOR FRONT VESTIBULE	335-459	6.2	18.0	80.0	67.0	20.0	70.0	60.0	HP-1	-	208	1	60	0.38	26.46	FURNISH W/ THERMOSTAT INTERFACE & CONDENSATE PUMP
CC-6	SAMSUNG	AM018NNNDCH/AA	CEILING CASSETTE	1ST FLOOR REAR VESTIBULE	335-459	4.7	18.0	80.0	67.0	20.0	70.0	60.0	HP-2	-	208	1	60	0.38	26.46	FURNISH W/ THERMOSTAT INTERFACE & CONDENSATE PUMP
AHU-1	SAMSUNG	AM018TNZDCH/AA	MULTIPOSITION AIR HANDLER UNIT	1ST FLOOR LOBBY	430-531	95.2	18.0	80.0	67.0	22.0	70.0	60.0		-	208	1	60	0.90	109	FURNISH W/ THERMOSTAT INTERFACE & CONDENSATE PUMP
CC-7	SAMSUNG	AM007NNNDCH/AA	CEILING CASSETTE	2ND FLOOR HALL	230-318	37.2	7.5	80.0	67.0	8.7	70.0	60.0	HP-1	-	208	1	60	0.24	26.46	FURNISH W/ THERMOSTAT INTERFACE & CONDENSATE PUMP
CC-8	SAMSUNG	AM007NNNDCH/AA	CEILING CASSETTE	2ND FLOOR HALL	230-318	37.2	7.5	80.0	67.0	8.7	70.0	60.0		-	208	1	60	0.24	26.46	FURNISH W/ THERMOSTAT INTERFACE & CONDENSATE PUMP
CC-9	SAMSUNG	AM007NNNDCH/AA	CEILING CASSETTE	2ND FLOOR HALL	230-318	37.2	7.5	80.0	67.0	8.7	70.0	60.0	HP-2	-	208	1	60	0.24	26.46	FURNISH W/ THERMOSTAT INTERFACE & CONDENSATE PUMP
CC-10	SAMSUNG	AM007NNNDCH/AA	CEILING CASSETTE	2ND FLOOR HALL	230-318	37.2	7.5	80.0	67.0	8.7	70.0	60.0		-	208	1	60	0.24	26.46	FURNISH W/ THERMOSTAT INTERFACE & CONDENSATE PUMP
CC-11	SAMSUNG	AM018NNNDCH/AA	CEILING CASSETTE	2ND FLOOR MOVIE ROOM	335-459	SEE PLANS	18.0	80.0	67.0	20.0	70.0	60.0		-	208	1	60	0.38	26.46	FURNISH W/ THERMOSTAT INTERFACE & CONDENSATE PUMP
CC-12	SAMSUNG	AM018NNNDCH/AA	CEILING CASSETTE	2ND FLOOR SITTING AREA	335-459	45.3	18.0	80.0	67.0	20.0	70.0	60.0		-	208	1	60	0.38	26.46	FURNISH W/ THERMOSTAT INTERFACE & CONDENSATE PUMP
CC-13	SAMSUNG	AM018NNNDCH/AA	CEILING CASSETTE	2ND FLOOR SITTING AREA	335-459	45.3	18.0	80.0	67.0	20.0	70.0	60.0		-	208	1	60	0.38	26.46	FURNISH W/ THERMOSTAT INTERFACE & CONDENSATE PUMP
CC-14	SAMSUNG	AM007NNNDCH/AA	CEILING CASSETTE	3RD FLOOR HALL	230-318	37.2	7.5	80.0	67.0	8.7	70.0	60.0	HP-1	-	208	1	60	0.24	26.46	FURNISH W/ THERMOSTAT INTERFACE & CONDENSATE PUMP
CC-15	SAMSUNG	AM007NNNDCH/AA	CEILING CASSETTE	3RD FLOOR HALL	230-318	37.2	7.5	80.0	67.0	8.7	70.0	60.0		-	208	1	60	0.24	26.46	FURNISH W/ THERMOSTAT INTERFACE & CONDENSATE PUMP
CC-16	SAMSUNG	AM007NNNDCH/AA	CEILING CASSETTE	3RD FLOOR HALL	230-318	48.9	7.5	80.0	67.0	8.7	70.0	60.0	HP-2	-	208	1	60	0.24	26.46	FURNISH W/ THERMOSTAT INTERFACE & CONDENSATE PUMP
CC-17	SAMSUNG	AM018NNNDCH/AA	CEILING CASSETTE	3RD FLOOR SITTING AREA	335-459	45.3	18.0	80.0	67.0	20.0	70.0	60.0		-	208	1	60	0.38	26.46	FURNISH W/ THERMOSTAT INTERFACE & CONDENSATE PUMP
CC-18	SAMSUNG	AM018NNNDCH/AA	CEILING CASSETTE	3RD FLOOR SITTING AREA	335-459	45.3	18.0	80.0	67.0	20.0	70.0	60.0		-	208	1	60	0.38	26.46	FURNISH W/ THERMOSTAT INTERFACE & CONDENSATE PUMP
CC-19	SAMSUNG	AM009NNNDCH/AA	CEILING CASSETTE	1ST FLOOR OFFICE	265-353	34.5	9.5	80.0	67.0	10.5	70.0	60.0	HP-1	-	208	1	60	0.24	26.46	FURNISH W/ THERMOSTAT INTERFACE & CONDENSATE PUMP
CC-20	SAMSUNG	AM009NNNDCH/AA	CEILING CASSETTE	1ST FLOOR EXERCISE ROOM	265-353	SEE PLANS	9.5	80.0	67.0	10.5	70.0	60.0	HP-2	-	208	1	60	0.24	26.46	FURNISH W/ THERMOSTAT INTERFACE & CONDENSATE PUMP

AIR-COOLED HEAT PUMP SCHEDULE

EQUIPMENT TAG	MANUFACTURER (OR ACCEPT. EQUAL)	MODEL	INDOOR UNITS SERVED	COMPRESSOR TYPE	NOM. COOL CAPACITY (MBH)	NOM. HEAT CAPACITY (MBH)	OUTDOOR OPERATING TEMP. RANGE (°F)		AHRI EFFICIENCY RATINGS			REFRIGERANT	SOUND PRESSURE LEVEL COOLING/ HEATING (dBA)	ELECTRICAL POWER REQUIREMENTS					WEIGHT (LB)	NOTES
							COOLING	HEATING	EER	IEER	COP			VOLT.	PHASE	Hz.	MCA	MOCP		
HP-1	SAMSUNG	AM096KXVTFH/AA	SEE INDOOR UNIT SCHEDULE	SSC SCROLL x2	96.0	108.0	23 TO 120	-13 TO 75	14.4	33.0	4.32	R410A	61	208	3	60	70	80	725.8	-
HP-2	SAMSUNG	AM144KXVTFH/AA	SEE INDOOR UNIT SCHEDULE	SSC SCROLL x4	144.0	162.0	23 TO 120	-13 TO 75	13.3	29.8	3.71	R410A	63	208	3	60	50 +50	60 + 60	648.2 x2	-

ENERGY RECOVERY VENTILATOR SCHEDULE

EQUIPMENT TAG	MANUFACTURER (OR ACCEPT. EQUAL)	MODEL	FRESH AIR FLOW RATE (CFM)	EXHAUST AIR FLOW RATE (CFM)	ROOM EXH. AIR (°F)				OUTSIDE AIR (°F)				SUPPLY AIR (°F)				RECOVERY EFFECTIVENESS				ELECTRICAL DATA							WEIGHT (LB)	NOTES
					WINTER		SUMMER		WINTER		SUMMER		WINTER		SUMMER		SENSIBLE		TOTAL		MOTOR		VOLT.	PHASE	Hz.	MCA	MOCP		
					DB	WB	DB	WB	DB	WB	DB	WB	DB	WB	DB	WB	WINTER	SUMMER	WINTER	SUMMER	HP	FLA							
ERV-1	RENEWAIRE	HE1XRT	600	600	70.0	54.3	75.0	62.5	1.7	0.4	91.4	73.8	51.7	40.4	79.4	67.9	73.2%	73.2%	71.8%	55.1%	0.75 x2	2.3 x2	208	3	60	5.2	15	441	FURNISH W/ MERV 13 FILTERS, FACTORY VFDS, DISCONNECT SWITCH, 14" INSULATED ROOF CURB, MOTORIZED ISOLATION DAMPERS & 3.5kW 208V 3Ø DUCT MTD. HEATER W/ SCR CONTROL & DUCT MTD. TEMP. SENSOR SET AT 68°F DISCHARGE AIR TEMP.
ERV-2	RENEWAIRE	HE1XRT	517	517	70.0	54.3	75.0	62.5	1.7	0.4	91.4	73.8	53.1	41.3	79.1	67.6	75.2%	75.2%	73.9%	58.3%	0.75 x2	2.3 x2	208	3	60	5.2	15	441	FURNISH W/ MERV 13 FILTERS, FACTORY VFDS, DISCONNECT SWITCH, 14" INSULATED ROOF CURB, MOTORIZED ISOLATION DAMPERS & 3.5kW 208V 3Ø DUCT MTD. HEATER W/ SCR CONTROL & DUCT MTD. TEMP. SENSOR SET AT 68°F DISCHARGE AIR TEMP.

EXHAUST FAN SCHEDULE

EQUIPMENT TAG	MANUFACTURER	MODEL	SERVICE	FAN C.F.M.	SONES	EXTERNAL STATIC PRESSURE INCH H_2O	MOTOR				REMARKS
							POWER	VOLT.	PHASE	HZ.	
EF-1	DELTA BREEZ	SLM80-110LED-C	APT. TOILET ROOMS	100	1.5	0.25	24W	120	1	60	13W LED LIGHT; FURNISH W/ #SMT-CRD CEILING RADIATION DAMPER

Mechanical Equipment:

(T) PROGRAMMABLE THERMOSTAT TYPICAL OF HONEYWELL MODEL TH8321R1001; 3-HEAT/2-COOL STAGES; MTD. @ 5'-0" A.F.F.

MATERIALS FOR REFRIGERANT PIPE & TUBING:

1. COPPER & COPPER-ALLOY PIPE: STANDARD IRONPIPE SIZE, COPPER & COPPER-ALLOY (NOT LESS THAN 80% COPPER) PIPE SHALL CONFORM TO ASTM B42 & ASTM B43.
2. COPPER TUBE: COPPER TUBE USED FOR REFRIGERANT PIPING ERECTED ON THE PREMISES SHALL BE SEAMLESS COPPER TUBE OF TYPE ACR (HARD OR ANNEALED) COMPLYING WITH ASTM B280 OR ASTM B819. ANNEALED TEMPER COPPER TUBE SHALL NOT BE USED IN SIZES LARGER THAN A 2" NOMINAL SIZE. MECHANICAL JOINTS OTHER THAN PRESS-CONNECT JOINTS LISTED FOR REFRIGERANT PIPING SHALL NOT BE USED ON ANNEALED TEMPER COPPER TUBE IN SIZES LARGER THAN 7/8" OD SIZE.
3. COPPER TUBING JOINTS: COPPER TUBING JOINTS USED IN REFRIGERATING SYSTEMS CONTAINING GROUP A2, A3, B2 OR B3 REFRIGERANTS SHALL BE BRAZED. SOLDERED JOINTS SHALL NOT BE USED IN SUCH REFRIGERATING SYSTEMS.
4. SYSTEMS USING MORE THAN 6.6-LBS. OF A REFRIGERANT IN SYSTEMS USING POSITIVE-DISPLACEMENT COMPRESSORS SHALL HAVE STOP VALVES INSTALLED AS FOLLOWS:
   - 4.1. AT THE INLET OF EACH COMPRESSOR, COMPRESSOR UNIT OR CONDENSING UNIT.
   - 4.2. AT THE DISCHARGE OUTLET OF EACH COMPRESSOR, COMPRESSOR UNIT OR CONDENSING UNIT AND OF EACH LIQUID RECEIVER.
   - 4.3. EXCEPTIONS:
     - 4.3.1. SYSTEMS THAT HAVE A REFRIGERANT PUMPOUT FUNCTION CAPABLE OF STORING THE ENTIRE REFRIGERANT CHARGE IN A RECEIVER OR HEAT EXCHANGER.
     - 4.3.2. SYSTEMS THAT ARE EQUIPPED WITH PROVISIONS FOR PUMPOUT OF THE REFRIGERANT USING EITHER PORTABLE OR PERMANENTLY INSTALLED RECOVERY EQUIPMENT.
     - 4.3.3. SELF-CONTAINED SYSTEMS.
   - 4.4. STOP VALVES WITH SOFT ANNEALED COPPER TUBING OR HARD-DRAWN COPPER TUNING 7/8" OD STANDARD SIZE OR SMALLER SHALL BE SECURELY MOUNTED, INDEPENDENT OF TUBING FASTENINGS OR SUPPORTS.
   - 4.5. STOP VALVES SHALL BE IDENTIFIED WHERE THEIR INTENDED PURPOSE IS NOT OBVIOUS. NUMBERS SHALL NOT BE USED TO LABEL THE VALVES, UNLESS A KEY TO THE NUMBERS IS LOCATED NEAR THE VALVES.

Mechanical Notes:

1. ALL MATERIALS AND EQUIPMENT ARE TO BE NEW, UNUSED, AND FREE FROM DEFECTS OF ANY KIND. THE BASIS OF QUALITY SHALL BE THE LATEST REVISION OF ASTM, ANSI, OR OTHER ACCEPTABLE STANDARDS.
2. THESE DRAWINGS ARE DIAGRAMMATIC, AND INDICATE GENERAL ARRANGEMENT OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO HAVE REVIEWED THE SITE FOR HIS WORK PRIOR TO HAVING SUBMITTED HIS PROPOSAL. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CONDITIONS FOUND DURING THE COURSE OF THE CONTRACT.
3. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF ALL OTHER TRADES.
4. ALL WORK INCLUDING LABOR AND MATERIALS SHALL BE FULLY GUARANTEED FOR ONE (1) YEAR FROM THE DATE OF PAYMENT AND FINAL ACCEPTANCE BY THE OWNER AND ENGINEER.
5. ALL CUTTING, PATCHING, FIRE-STOPPING, AND SURFACE RESTORATION IN CONNECTION WITH THIS TRADE SHALL BE COMPLETED BY THIS CONTRACTOR.
6. A MINIMUM OF FOUR (4) COPIES OF SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO ORDERING AND INSTALLATION OF THE EQUIPMENT AND/OR MATERIALS. BY SUBMITTING SHOP DRAWINGS, THE CONTRACTOR REPRESENTS THAT ACTUAL FIELD CONDITIONS ARE VERIFIED BY HIM AND ARE REFLECTED ON HIS SUBMITTALS.
7. THIS CONTRACTOR SHALL PAY ALL FEES, GIVE ALL NOTICES, FILE ALL NECESSARY DRAWINGS, AND OBTAIN ALL PERMITS, INSPECTIONS AND CERTIFICATES OF APPROVAL REQUIRED IN CONNECTION WITH WORK UNDER THIS CONTRACT.
8. ALL WORK IN ASSOCIATION WITH THIS CONTRACT SHALL BE COMPLETED IN STRICT COMPLIANCE WITH THE 2020 BUILDING CODE OF NEW YORK STATE, 2020 MECHANICAL CODE OF NEW YORK STATE & 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.
9. ALL DUCTWORK IS TO BE CONSTRUCTED OF GALVANIZED SHEET STEEL (EXCEPT WHERE OTHERWISE SPECIFIED) WITH GAUGES, BRACING AND CONSTRUCTION IN ACCORDANCE WITH THE LATEST SMACNA DUCT MANUAL STANDARDS AND ALL OTHER AUTHORITIES HAVING JURISDICTION.
10. PROVIDE MANUAL DAMPERS AT EACH SPLIT OR TAP CONNECTION TO TRUNK DUCTS FOR BALANCING PURPOSES WHETHER OR NOT SPECIFICALLY SHOWN ON DRAWINGS. EACH DAMPER SHALL BE OF THE OPPOSED BLADE DAMPER TYPE INSTALLED WITH AN OPERATOR AND LOCKING DEVICE. ALL DAMPERS LOCATED ABOVE HARD OR INACCESSIBLE CEILINGS SHALL BE INSTALLED WITH REMOTE GEAR OPERATORS.
11. FURNISH & INSTALL FUSIBLE LINK FIRE DAMPERS AT ALL LOCATIONS WHERE DUCT PENETRATES FIRE-RATED FLOOR OR CEILING ASSEMBLY WHETHER OR NOT SPECIFICALLY SHOWN. INSTALL DUCTWORK CASING ACCESS DOORS AND FRAMES AHEAD OF EACH FIRE DAMPER FOR INSPECTION AND MAINTENANCE. DOORS SHALL BE A MINIMUM OF 20 GA. DOUBLE PANEL INSULATED TYPE.
12. INSTALL TURNING VANES ON ALL RECTANGULAR TURNS. TURNING VANES SHALL BE DOUBLE THICKNESS TYPE CONSTRUCTED IN ACCORDANCE WITH SMACNA MANUAL.
13. ROUND SHEET STEEL ELBOWS ARE TO BE INSTALLED AT THE DUCT CONNECTION TO ALL SUPPLY AIR DIFFUSERS. SHEET STEEL PLENUM BOXES ARE TO BE INSTALLED AT THE DUCT CONNECTION TO ALL RETURN AND EXHAUST AIR GRILLES. THE CONTRACTOR IS TO PAINT THE INSIDE OF THE SHEET STEEL PLENUM BOXES FLAT BLACK.
14. ALL SUPPLY AND RETURN DUCTWORK LOCATED IN UNCONDITIONED SPACES OR ABOVE CEILINGS SHALL BE INSULATED WITH A MINIMUM OF R-6 INSULATION. ALL DUCTWORK LOCATED OUTSIDE THE BUILDING ENVELOPE SHALL BE INSULATED WITH A MINIMUM OF R-12 INSULATION. INSULATION SHALL BE FIBERGLASS DUCT WRAP WITH VAPOR SEAL SECURELY TAPED AROUND DUCT. IF DUCT LINING IS TO BE USED, ALL DUCT SIZES SHOWN SHALL BE CONSIDERED TO BE INSIDE CLEAR DIMENSIONS.
15. COVERINGS & LININGS, INCLUDING ADHESIVES WHERE USED, SHALL HAVE A FLAME SPREAD INDEX NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX NOT MORE THAN 50, WHEN TESTED IN ACCORDANCE WITH ASTM E84 OR UL 723, USING THE SPECIMEN PREPARATION AND MOUNTING PROCEDURES OF ASTM E2231. DUCT COVERINGS & LININGS SHALL NOT FLAME, GLOW, SMOLDER OR SMOKE WHEN TESTED IN ACCORDANCE WITH ASTM C411 AT THE TEMPERATURE TO WHICH THEY ARE EXPOSED IN SERVICE. THE TEST TEMPERATURE SHALL NOT FALL BELOW 250°F. COVERINGS AND LININGS SHALL BE LISTED AND LABELED.
16. FLEXIBLE DUCTS AND CONNECTORS SHALL BE TESTED IN ACCORDANCE WITH UL 181 AND MUST BE LIMITED TO 10-FEET IN LENGTH.
15. INSTALL ALL DUCTWORK AS HIGH AS POSSIBLE PROVIDING RISERS, DROPS AND OFFSETS TO CLEAR STRUCTURAL MEMBERS, LIGHT FIXTURES, OTHER PIPING, AND OTHER OBSTRUCTIONS. WHERE CONFLICTS ARISE, IT SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO PROCEEDING.
16. THE ENTIRE AIR DISTRIBUTION SYSTEM IS TO BE BALANCED TO WITHIN 10% OF THE SPECIFIED AIRFLOW REQUIREMENTS.
17. ALL FIRE DAMPERS MUST BE LISTED & LABELED IN ACCORDANCE WITH UL 155, SMOKE DAMPERS MUST BE LISTED & LABELED IN ACCORDANCE WITH UL 555S, AND CEILING RADIATION DAMPERS MUST BE LISTED AND LABELED IN ACCORDANCE WITH UL 555C
18. THE CONTRACTOR IS RESPONSIBLE TO TEST ALL EQUIPMENT, PIPING, FIXTURES, AND SYSTEMS INSTALLED UNDER THIS CONTRACT TO ENSURE PROPER OPERATION PRIOR TO FINAL ACCEPTANCE BY THE OWNER AND ENGINEER.
19. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE WHETHER SPECIAL LICENSING IS REQUIRED IN ORDER TO PERFORM THE REQUIRED WORK IN THE MUNICIPALITY WHERE THE PROJECT IS LOCATED. IF THE CONTRACTOR CANNOT OBTAIN THE REQUIRED LICENSING TO COMPLETE THE WORK WITHIN THE PROJECT SCHEDULE, THEN THE CONTRACTOR SHALL NOT BE PERMITTED TO BID ON THIS PROJECT.
20. CONTRACTOR IS RESPONSIBLE TO CREATE AND SUBMIT RED-LINE "AS-BUILT" PLANS TO THE ENGINEER AT THE END OF THE PROJECT. AS-BUILT PLANS SHALL ACCURATELY REPRESENT THE SYSTEMS AS THEY WERE INSTALLED.

NOTES

No.	REVISION/SUBMISSION	DATE

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ARCHITECTURAL NOTES & SCHEDULES

PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
MECHANICAL NOTES & EQUIPMENT SCHEDULES

SEAL
STATE OF NEW YORK · MATTHEW GEORGE BLAKE · 089039 · LICENSED PROFESSIONAL ENGINEER

DRAWN BY	PROJECT NUMBER
MB	18105
CHECKED BY	DATE
MB	11-12-21

DRAWING NUMBER
M.101

VERTICAL PACKAGED HEAT PUMP UNIT SCHEDULE

EQUIPMENT TAG	MANUFACTURER (OR ACCEPT. EQUAL)	MODEL	AREA OF BUILDING SERVED	TOTAL SUPPLY AIRFLOW (CFM)	MIN. OUTSIDE AIRFLOW (CFM)	EXTERNAL STATIC PRESS. (IN. W.C.)	COOLING CAPACITY					HEAT PUMP CAPACITY				ELECTRIC HEAT		ELECTRICAL DATA						TOTAL WEIGHT (LB)	NOTES
							MIN. TOTAL CAPACITY (MBH)	MIN. SENS. CAPACITY (MBH)	MINIMUM EER	E.A.T.		17°F O.A.T.		47°F O.A.T.		kW @ 208V	CAPACITY (BTU/HR.)	BLOWER FAN MOTOR HP	UNIT POWER CONNECTION						
										Db (°F)	Wb (°F)	CAP. (MBH)	COP	CAP. (MBH)	COP				VOLT.	PHASE	Hz.	MCA	MOCP		
AC-1	MAGICPAK	3MHP4-11-121FP	UNIT 'E'	475	30	0.65	12.00	9.48	11.0	80.0	67.0	6.80	2.0	11.40	3.3	2.70	9.22	1/3	208	1	60	24.2	25	202	FURNISH W/ WALL SLEEVE, ALUMINUM LOUVER, MOTORIZED VENTILATION DAMPER & FILTERS
AC-2	MAGICPAK	5MHP4-11-181FP	UNITS 'A' & 'F'	600	30	0.65	17.00	13.10	11.0	80.0	67.0	9.20	2.0	16.20	3.3	3.61	12.30	1/3	208	1	60	32.0	35	219	FURNISH W/ WALL SLEEVE, ALUMINUM LOUVER, MOTORIZED VENTILATION DAMPER & FILTERS
AC-3	MAGICPAK	7MHP4-11-241FP	UNITS 'B', 'C' & 'D'	800	30	0.65	22.80	17.33	11.0	80.0	67.0	14.00	2.0	22.80	3.3	5.41	18.45	1/3	208	1	60	48.3	50	268	FURNISH W/ WALL SLEEVE, ALUMINUM LOUVER, MOTORIZED VENTILATION DAMPER & FILTERS

AIR-COOLED CONDENSER SCHEDULE

EQUIPMENT TAG	MANUFACTURER (OR ACCEPT. EQUAL)	MODEL	INDOOR UNIT SERVED	# OF FANS	NOMINAL CAPACITY (MBH/1°TD)	REFRIGERANT	OUTDOOR AIR TEMP. (°F)	ELECTRICAL DATA					WEIGHT (LB)	NOTES
								UNIT POWER CONNECTION						
								VOLT.	PHASE	Hz.	MCA	MOCP		
ACC-1	DESERT AIRE	RC5S024C3H20900	DU-1	1	24	R-410A	100	230	1	60	4.1	15	236	-

DEHUMIDIFICATION UNIT SCHEDULE

EQUIPMENT TAG	MANUFACTURER (OR ACCEPT. EQUAL)	MODEL	AREA OF BUILDING SERVED	TOTAL SUPPLY AIRFLOW (CFM)	MIN. OUTSIDE AIRFLOW (CFM)	EXTERNAL STATIC PRESS. (IN. W.C.)	COOLING CAPACITY						HEATING CAPACITY						ELECTRICAL DATA						NOTES
							MIN. TOTAL CAPACITY (MBH)	MIN. SENS. CAPACITY (MBH)	E.A.T.		MOISTURE REMOVAL (LB./HR.)	PAIRED OUTDOOR UNIT	INPUT (MBH)	OUTPUT (MBH)	TURNDOWN RATIO	FUEL TYPE	E.A.T. Db (°F)	L.A.T. Db (°F)	BLOWER FAN MOTOR HP	UNIT POWER CONNECTION					
									Db (°F)	Wb (°F)										VOLT.	PHASE	Hz.	MCA		
DU-1	DESERT AIRE	LC02	POOL ROOM	1,400	350	1.0	28.0	15.44	87.0	75.7	12.3	ACC-1	100.0	80.00	6:1	LP GAS	52.5	105.4	1	208	3	60	14		FURNISH W/ HEATCO #HDG100SS26B4MB1LR2SWXX MODULATING GAS DUCT HEATER

PACKAGED HVAC UNIT SCHEDULE

EQUIPMENT TAG	MANUFACTURER (OR ACCEPT. EQUAL)	MODEL	AREA OF BUILDING SERVED	TOTAL SUPPLY AIRFLOW (CFM)	OUTSIDE AIR SUPPLIED (CFM)	EXTERNAL STATIC PRESS. (IN. H_2O)	COOLING CAPACITY @ 95°F OUTDOOR D.B.								GAS HEATING CAPACITY						ELECTRICAL DATA								TOTAL WEIGHT (LB)	NOTES
							TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	AHRI360 EFFICIENCY		COIL E.A.T.		COIL L.A.T.		INPUT (MBH)	OUTPUT (MBH)	STAGES (QTY.)	E.A.T. DB (°F)	L.A.T. DB (°F)	AFUE (%)	BLOWER MOTOR			UNIT POWER						
									EER	SEER	DB (°F)	WB (°F)	DB (°F)	WB (°F)							BHP	HP	RPM	VOLT.	PHASE	Hz.	MCA	MOCP		
HVAC-1	YORK	ZR061EN120B2B6FAA3A1	GYM	1,700	291	0.75	58.0	40.4	12.1	14.5	80.0	67.0	56.6	55.4	120.0	97.00	2	58.3	111.1	81	0.80	1.5	864	208	3	60	36.7	50	1,053	NOTES 1 THRU 6

1. ELECTRICAL CONNECTION TO BE SINGLE POINT
2. FURNISH & INSTALL WITH POWERED CONVENIENCE RECEPTACLE
3. FURNISH & INSTALL CONDENSATE DRAIN WITH DEEP VENTED TRAP
4. FURNISH & INSTALL WITH DIFFERENTIAL ENTHALPY CONTROL ECONOMIZER AND POWER EXHAUST
5. FURNISH & INSTALL 2" MERV 13 PLEATED FILTERS
6. PROVIDE ALL COMPRESSORS W/ 5-YEAR WARRANTY

NOTES

No.	REVISION/SUBMISSION	DATE
△		
△		
△		

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672 ROUTE 82
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DRAWING
MECHANICAL EQUIPMENT SCHEDULES

SEAL
STATE OF NEW YORK · MATTHEW GEORGE BLAKE · LICENSED PROFESSIONAL ENGINEER · 089039

DRAWN BY	PROJECT NUMBER
MB	18105
CHECKED BY	DATE
MB	11-12-21

DRAWING NUMBER
M.102

Mechanical Legend :

UP / DN — SUPPLY DUCT (UP & DOWN)

UP / DN — EXHAUST DUCT (UP & DOWN)

UP / DN — RETURN DUCT (UP & DOWN)

ROUND AND SQUARE 4-WAY CEILING DIFFUSERS

SQUARE 3-WAY CEILING DIFFUSERS

SQUARE 2-WAY CEILING DIFFUSERS

SQUARE 1-WAY CEILING DIFFUSERS

LINEAR SLOT DIFFUSER

SUPPLY TOP REGISTER OR GRILLE (WALL TYPE)

EXHAUST OR RETURN CEILING REGISTER OR GRILLE

EXHAUST OR RETURN BOTTOM REGISTER OR GRILLE (WALL TYPE)

EXHAUST OR RETURN REGISTER OR TOP GRILLE (WALL TYPE)

VANED ELBOW & AIR SPLIT TYPE DUCT TAKE-OFF

MANUAL SPLITTER DAMPER

45° SUPPLY — STANDARD BRANCH SUPPLY OR RETURN, NO SPLITTER (45° TAP)

45° RETURN

VANED ELBOW (PROVIDE ALL SQUARE OR RECTANGULAR ELBOWS WITH VANES EVEN IF SYMBOL IS MISSING)

VANED ELBOW (SHORT RADIUS)

STANDARD RADIUS ELBOW (LONG RADIUS); INSIDE RADIUS R TO BE EQUAL TO OR GREATER THAN W

X"xX" — NEW DUCT (INSIDE DIMENSIONS: WIDTH x DEPTH)

FLEXIBLE DUCTWORK (INSULATED)

MANUAL VOLUME DAMPER

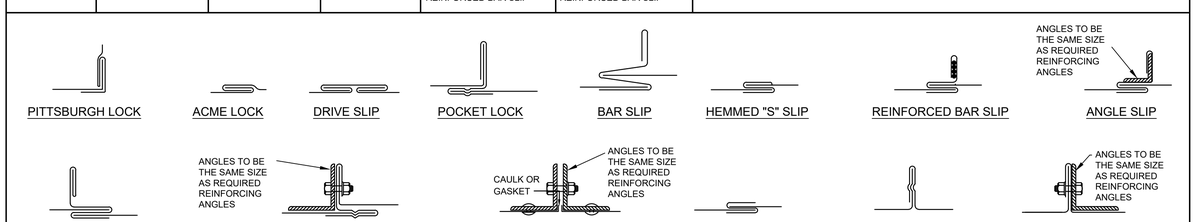
FD — FIRE DAMPER

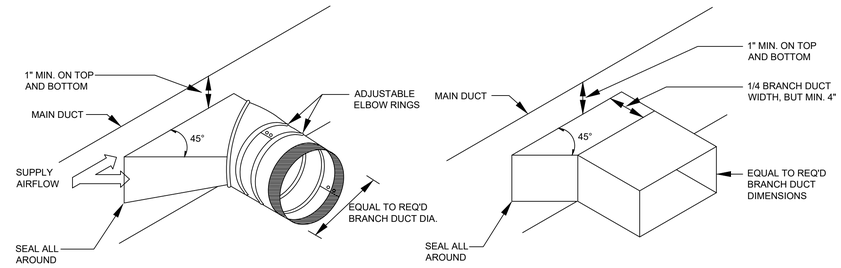
X / X — TERMINAL UNIT TAG / AIRFLOW (CUBIC FEET PER MINUTE)

THICKNESS & REINFORCING SCHEDULE - * LOW PRESSURE DUCTWORK

* NOTE: LOW PRESSURE DUCTWORK SHALL BE DUCTWORK IN WHICH THE PRESSURE DOES NOT EXCEED 2" WATER GAUGE.

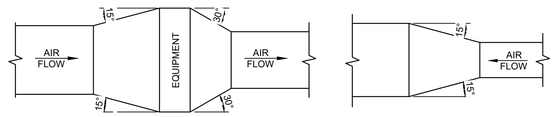
GREATEST DUCT DIMENSION	STEEL DUCTS U.S. STANDARD GAUGE	ALUMINUM DUCTS B & S GAUGE	LONGITUDINAL SEAM	TRANSVERSE JOINT SMALLEST DIMENSION	TRANSVERSE JOINT GREATEST DIMENSION	REINFORCING (ALL DUCTS 18" THRU 54" SHALL BE CROSSBROKEN)
12" OR LESS	26	24(0.020")	PITTSBURGH OR ACME LOCK	DRIVE SLIP OR POCKET LOCK OR BAR SLIP	PLAIN "S" SLIP OR POCKET LOCK OR BAR SLIP	NONE REQUIRED
13" THRU 18"	24	22(0.025")	PITTSBURGH OR ACME LOCK	DRIVE SLIP OR POCKET LOCK OR BAR SLIP	PLAIN "S" SLIP OR POCKET LOCK OR BAR SLIP	NONE REQUIRED
19" THRU 30"	24	22(0.025")	PITTSBURGH OR ACME LOCK	HEMMED "S" SLIP OR BAR SLIP OR DRIVE SLIP OR 1" POCKET LOCK	HEMMED "S" SLIP OR BAR SLIP OR 1" POCKET LOCK	IF TRANSVERSE JOINTS ARE LOCATED 4'-0" OR LESS ON CENTER NO REINFORCING IF ON 8'-0" CENTERS REINFORCE WITH 1"X1"X1/8" ANGLES AT 4 FT. O.C. FASTENED ON 8" CENTERS
31" THRU 42"	22	20(0.032")	PITTSBURGH OR ACME LOCK	DRIVE SLIP 18" OR LESS BAR SLIP REINFORCED BAR SLIP OR POCKET LOCK	BAR SLIP OR REINFORCED BAR SLIP OR POCKET LOCK	IF TRANSVERSE JOINTS ARE LOCATED 4'-0" OR LESS ON CENTER NO REINFORCING IF ON 8'-0" CENTERS REINFORCE WITH 1"X1"X1/8" ANGLES AT 4 FT. O.C. FASTENED ON 8" CENTERS
43" THRU 54"	22	20(0.032")	PITTSBURGH LOCK	1 1/4" BAR SLIP, OR REINFORCED BAR SLIP, OR 1 1/2" POCKET LOCK	1 1/4" BAR SLIP, OR REINFORCED BAR SLIP, OR 1 1/2" POCKET LOCK	IF TRANSVERSE JOINTS ARE LOCATED 4'-0" OR LESS ON CENTER NO REINFORCING IF ON 8'-0" CENTERS REINFORCE WITH 1"X1"X1/8" ANGLES AT 4 FT. O.C. FASTENED ON 8" CENTERS
55" THRU 60"	20	18(0.040")	PITTSBURGH LOCK	1 1/4" BAR SLIP, OR REINFORCED BAR SLIP, OR 1 1/2" POCKET LOCK	1 1/4" BAR SLIP, OR REINFORCED BAR SLIP, OR 1 1/2" POCKET LOCK	IF TRANSVERSE JOINTS ARE LOCATED 4'-0" OR LESS ON CENTER NO REINFORCING IF ON 8'-0" CENTERS REINFORCE WITH 1"X1"X1/8" ANGLES AT 4 FT. O.C. FASTENED ON 8" CENTERS
61" THRU 84"	20	18(0.040")	PITTSBURGH LOCK	REINFORCED BAR SLIP, OR ANGLE SLIP, ALTERNATE BAR SLIP, OR ANGLE REINFORCED POCKET LOCK	REINFORCED BAR SLIP, OR ANGLE SLIP, ALTERNATE BAR SLIP, OR ANGLE REINFORCED POCKET LOCK	REINFORCE ALL SIDES OVER 60" WITH 1 1/2"X1 1/2"X1/8" ANGLES ON 2'-0" CENTERS. SIDES UNDER 60" NEED NO REINFORCING IF JOINTS ARE ON 4'-0" CENTERS. IF JOINTS ARE ON 8'-0" CENTERS REINFORCE WITH 1 1/2"X 1 1/2"X1/8" ANGLES ON 4'-0" CENTERS.
85" THRU 96"	18	16(0.051") (LONGITUDINAL SEAM MAY BE STANDING SEAM)	PITTSBURGH LOCK	1 1/2" COMPANOIN ANGLES, OR ANGLE REINFORCED POCKET LOCK, OR 1 1/2" ANGLE SLIP OR REINFORCED BAR SLIP	1 1/2" COMPANOIN ANGLES, OR ANGLE REINFORCED POCKET LOCK, OR 1 1/2" ANGLE SLIP OR REINFORCED BAR SLIP	REINFORCE ALL SIDES OVER 84" WITH 1 1/2"X1 1/2"X3/16" ANGLES ON 2'-0" CENTERS. SIDES 61" THRU 84" REINFORCE WITH 1 1/2"X1 1/2"X1/8" ANGLES ON 2'-0" CENTERS. SIDES 60" OR LESS NEED NO REINFORCING IF JOINTS ARE ON 4'-0" CENTERS. IF JOINTS ARE ON 8'-0" CENTERS REINFORCE WITH 1 1/2"X 1 1/2"X1/8" ANGLES ON 4'-0" CENTERS.
OVER 96"	18	16(0.051") (LONGITUDINAL SEAM MAY BE STANDING SEAM)	PITTSBURGH LOCK	2" COMPANOIN ANGLE, OR 2"X2"X1/4" ANGLE SLIP, OR 2"X2"X1/4" ANGLE REINFORCED POCKET LOCK OR REINFORCED BAR SLIP	2" COMPANION ANGLE, OR 2"X2"X1/4" ANGLE SLIP, OR 2"X2"X1/4" ANGLE REINFORCED POCKET LOCK OR REINFORCED BAR SLIP	REINFORCE ALL SIDES OVER 96" WITH 2"X2"X1/4" ANGLES ON 2'-0" CENTERS REINFORCE ALL SIDES 85" THRU 96" WITH 1 1/2"X1 1/2"X3/16" ANGLES ON 2'-0" CENTERS. REINFORCE ALL SIDES 61" THRU 84" WITH 1 1/2"X1 1/2"X1/8" ANGLES ON 2'-0" CENTERS. REINFORCE ALL SIDES UNDER 60" WITH 1 1/2"X1 1/2"X1/8" ANGLES IF JOINTS ARE 8'-0" ON CENTER. NO REINFORCING IF JOINTS ARE 4'-0" ON CENTER.





1 M.102 — Typical Branch Take-Off Fitting Detail

N.T.S.



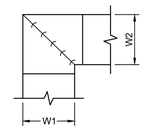
TYPICAL DUCTWORK TRANSITION WITH EQUIPMENT MOUNTED IN DUCT PLAN OR SIDE VIEW

TYPICAL DUCTWORK TRANSITION PLAN OR SIDE VIEW

NOTE:
UNLESS OTHERWISE INDICATED ON PLANS, MAXIMUM ANGLES SHOWN SHALL APPLY.

2 M.102 — Ductwork Transition Detail

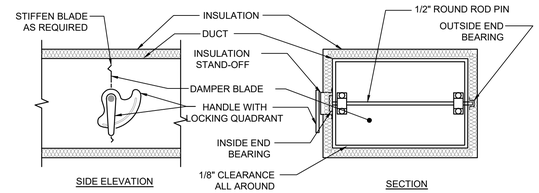
N.T.S.



NOTE:
1. ALL VANED ELBOWS SHALL BE CONSTRUCTED AND INSTALLED AS DETAILED BY SMACNA.
2. WHEN W1 IS NOT EQUAL TO W2, VANE SHALL BE SINGLE VANE TYPE REGARDLESS OF W DIMENSION.
3. ALL SINGLE VANES SHALL HAVE A 2" RADIUS, 1-1/2" MAXIMUM SPACE BETWEEN VANES AND A 3/4" TRAILING EDGE.
4. WHEN W EQUALS W2 AND W1 IS GREATER THAN 20" VANES SHALL BE DOUBLE VANE TYPE.

3 M.102 — Ductwork Squared Elbow Detail

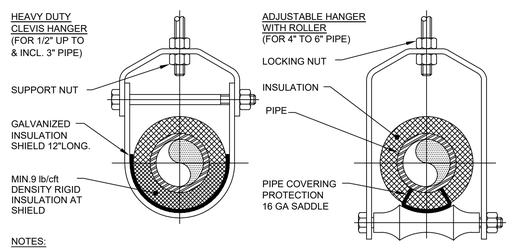
N.T.S.



NOTE:
1. DELETE INSULATION STAND-OFF ON DUCTWORK WITHOUT EXTERIOR INSULATION.
2. DETAIL SHOWS SINGLE-BLADE DAMPER. DAMPER INSTALLATION SHALL BE SIMILAR FOR MULTI-BLADE DAMPERS & ROUND DAMPERS.

4 M.102 — Ductwork Volume Damper Detail

N.T.S.



NOTES:
1. PIPE 8" AND LARGER SHALL HAVE ROLLER SUPPORTED WITH DUAL RODS.
2. FOR CHW SERVICE OVER 3" REPLACE SADDLE WITH 12" LONG 14 GA SHIELD WITH RIGID INSULATION BETWEEN PIPE AND SHIELD.

PIPING MATERIAL	PIPE Ø (IN.)	MAX. SPACING BETWEEN HANGERS (FT.)	MIN. ROD SIZE (IN.)
STEEL PIPE	1/2 THRU 2	12	3/8
STEEL PIPE	2-1/2 THRU 6	12	5/8
PVC	1/2 THRU 2	4	3/8
PVC	2-1/2 THRU 6	4	1/2
COPPER TUBING	1/2 THRU 1-1/4	6	3/8
COPPER TUBING	1-1/2 THRU 4	12	5/8
PEX PIPE	1/2 THRU 2	2.67	3/8
CPVC	1/2 THRU 1	3	3/8
CPVC	1-1/4 THRU 4	4	1/2

5 M.102 — Pipe Hanger Support

N.T.S.

NOTES

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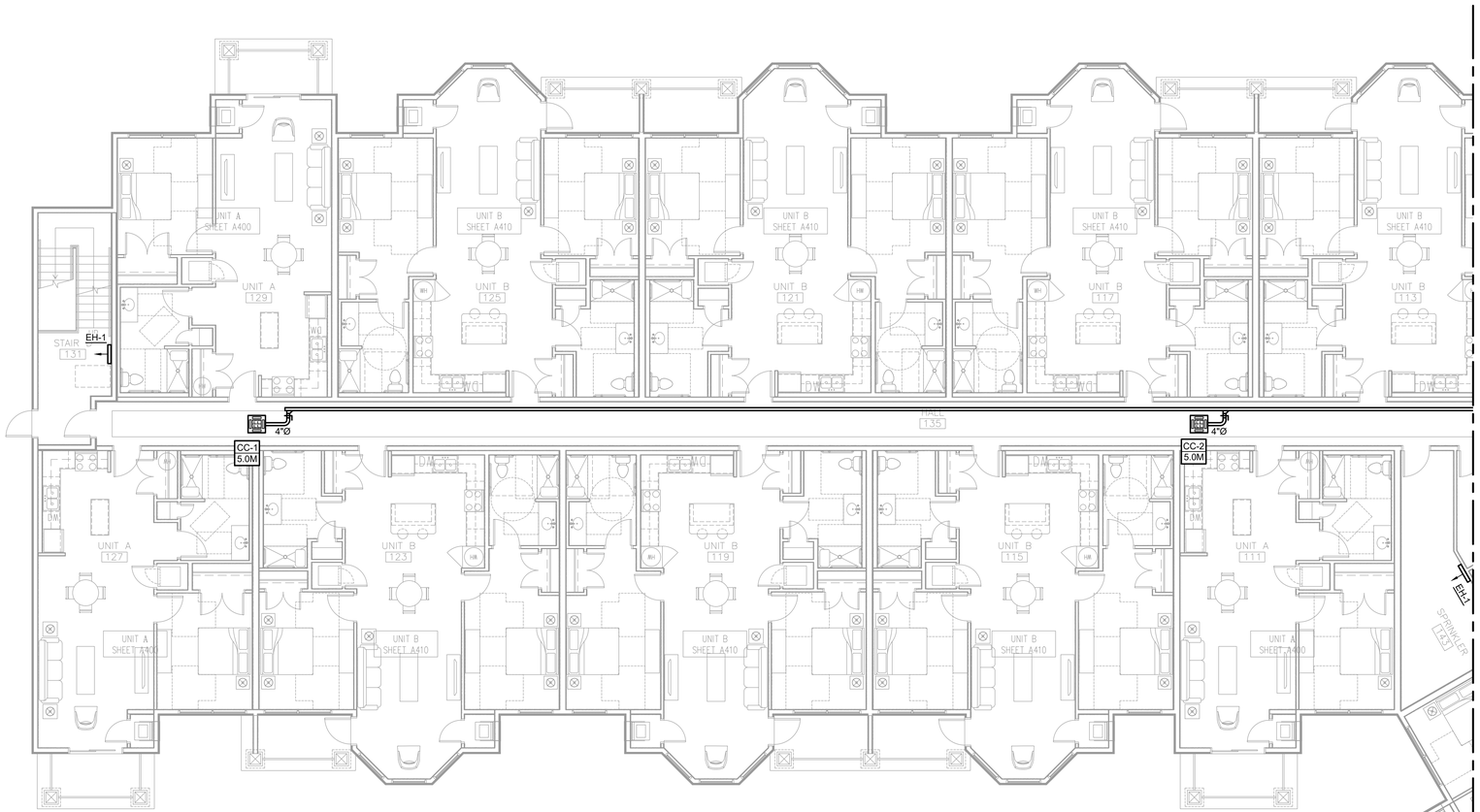
PROJECT
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1 / M.201 Partial Ground Floor HVAC Plan - Left Section

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

PROJECT NORTH

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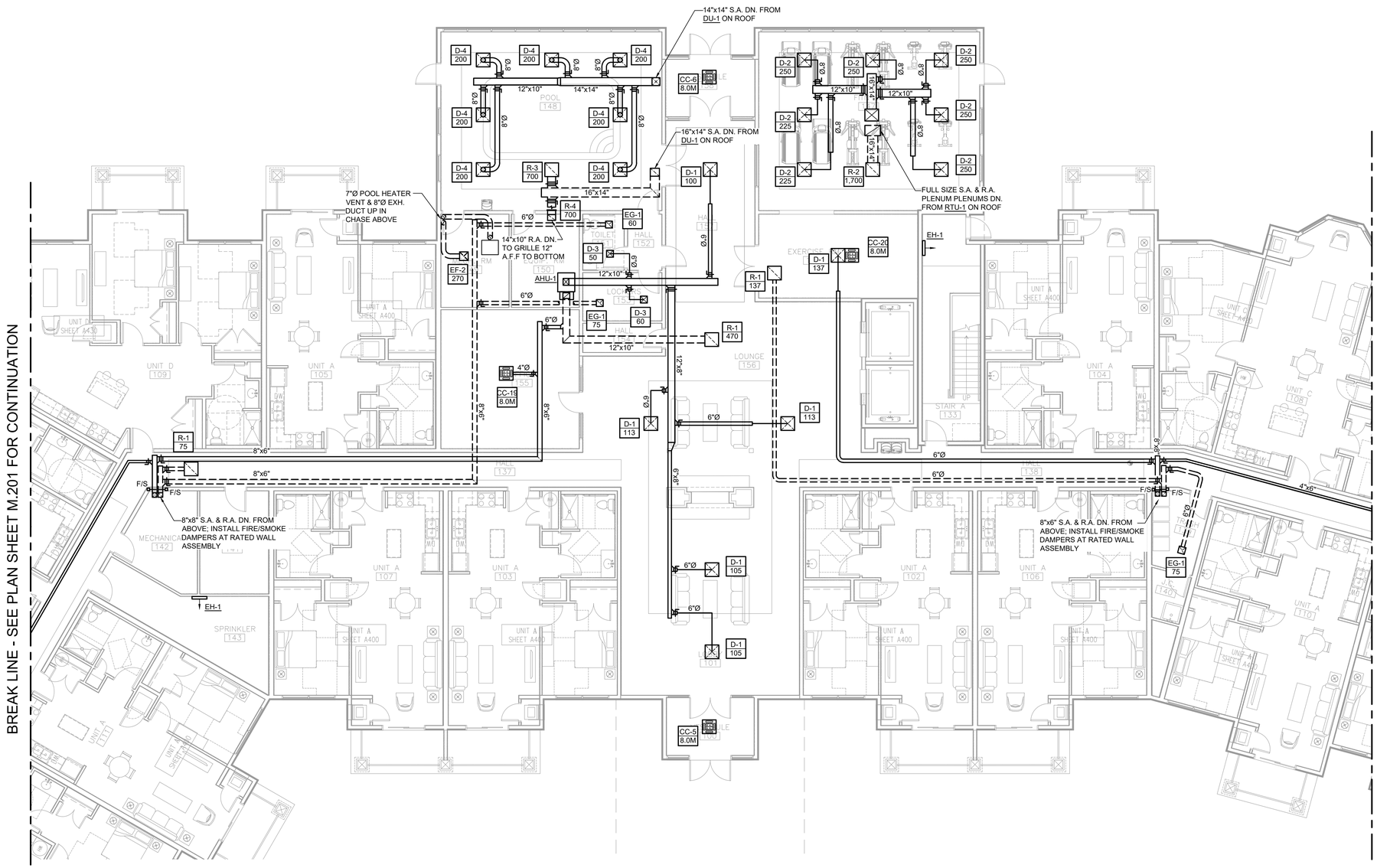
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PARTIAL GROUND FLOOR HVAC PLAN - LEFT SECTION

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NOTES:
1. ALL DUCTWORK SERVING THE POOL ROOM IS TO BE 22 GAUGE ALUMINUM



1 / M.202 Partial Ground Floor HVAC Plan - Center Section
Scale: 1/8" = 1'-0"

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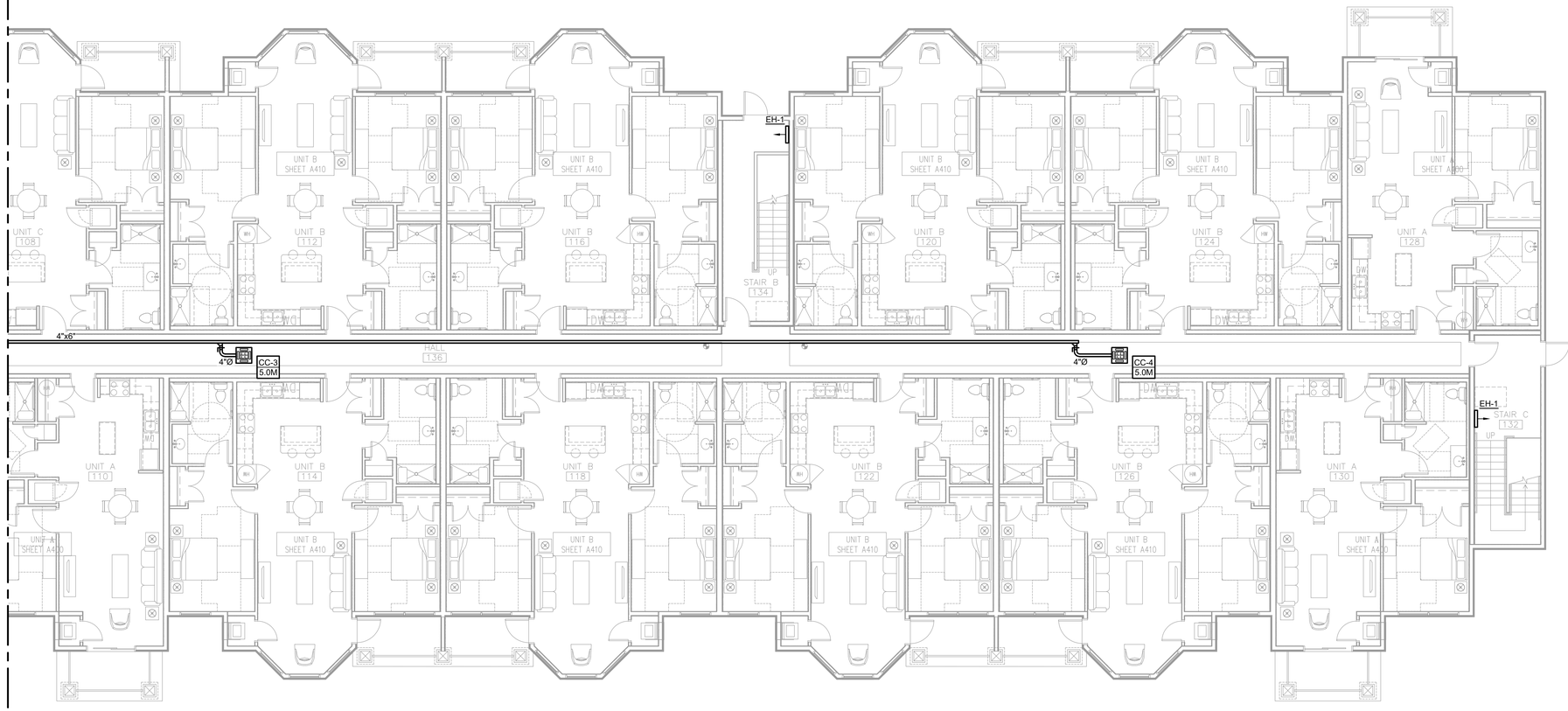
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BREAK LINE - SEE PLAN SHEET M.202 FOR CONTINUATION



1 / M.203 Partial Ground Floor HVAC Plan - Right Section

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

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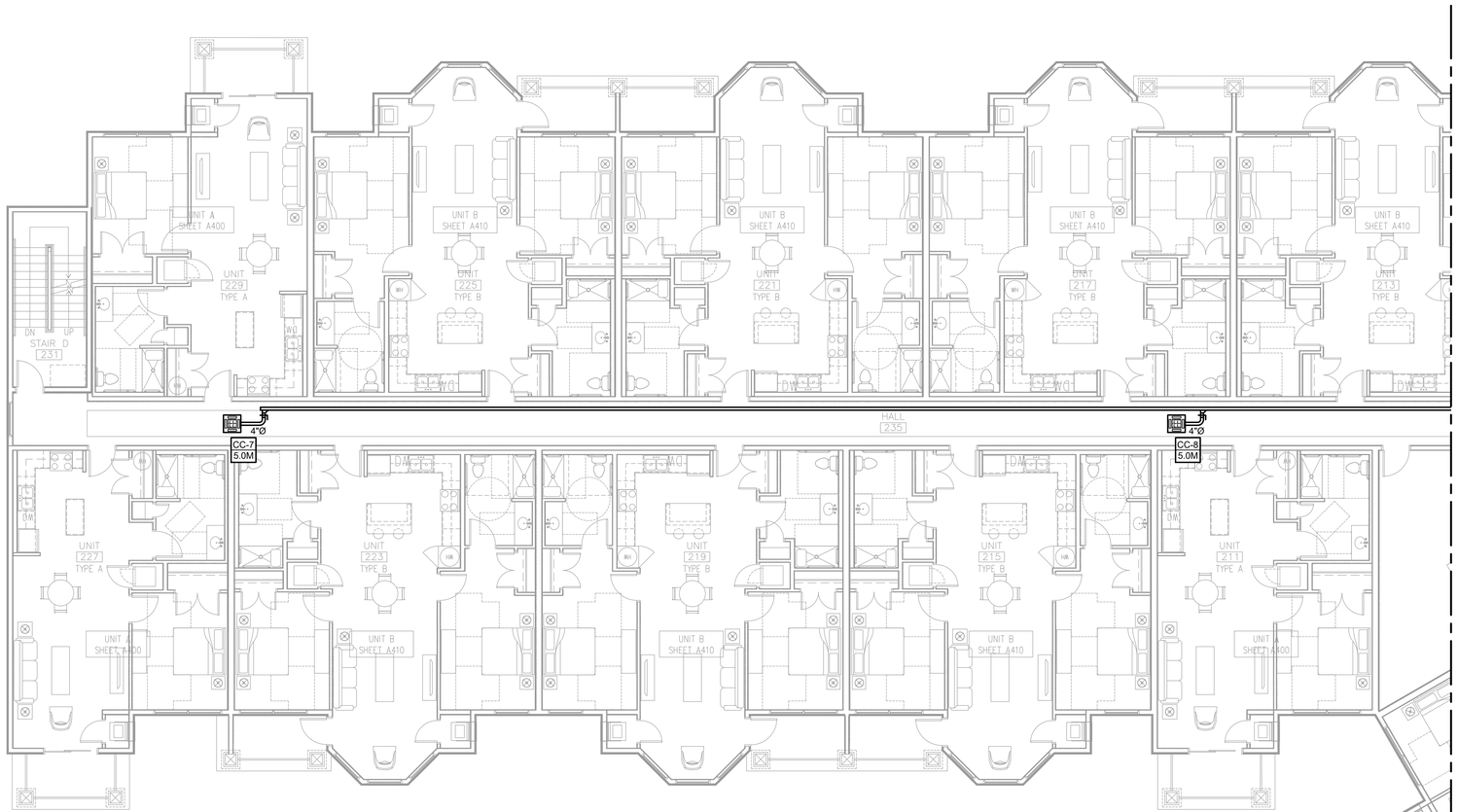
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1 / M.301 Partial Second Floor HVAC Plan - Left Section

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

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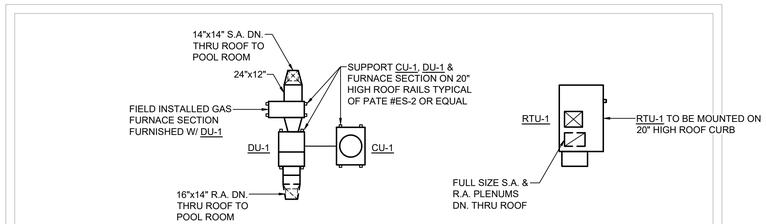
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PARTIAL SECOND FLOOR HVAC PLAN - LEFT SECTION

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M.301

NOTES:
1. ALL EXTERIOR DUCTWORK IS TO BE INSULATED & WRAPPED PER NOTES ON THIS SHEET
2. ALL DUCTWORK SERVING THE POOL ROOM IS TO BE 22 GAUGE ALUMINUM
3. FURNISH & INSTALL CURBS WHERE DUCTS PENETRATE ROOF; FLASHING BY ROOFING CONTRACTOR
4. ALL ROOF RAIL EQUIPMENT SUPPORTS ARE TO BE FURNISHED & INSTALLED BY MECHANICAL CONTRACTOR; ROOF FLASHING IS TO BE COMPLETED BY ROOFING CONTRACTOR



BREAK LINE - SEE PLAN SHEET M.301 FOR CONTINUATION

BREAK LINE - SEE PLAN SHEET M.303 FOR CONTINUATION

7"Ø POOL HEATER VENT & 8"Ø EXH. DUCT UP IN CHASE ABOVE

CC-12 18.0M

CC-13 18.0M

4"Ø

LOUNGE 235

STOR./ELEC. 246

DN

UP STAIR A 233

HALL 237

HALL 238

THEATRE 239

GENERAL 241

R-1 75

10"x6"

F/S

6"x8"

12"x10" S.A. & R.A. DN. FROM ABOVE; INSTALL FIRE/SMOKE DAMPERS AT RATED WALL ASSEMBLY; 8"x8" S.A. & R.A. DN. TO FLOOR BELOW

R-1 234

Ø.8

D-2 234

CC-11 18.0M

OFFSET TO CLEAR STRUCTURE

8"x8"

10"x8" S.A. & R.A. DN. FROM ABOVE; INSTALL FIRE/SMOKE DAMPERS AT RATED WALL ASSEMBLY; 8"x8" S.A. & R.A. DN. TO FLOOR BELOW

EG-1 75

6"x8"

6"Ø

R-1 91

4"x8"

UNIT 209 TYPE D — UNIT A SHEET A439

UNIT 205 TYPE A — UNIT A SHEET A400

UNIT 201 TYPE A — UNIT A SHEET A400

UNIT 207 TYPE A — UNIT A SHEET A400

UNIT 203 TYPE A — UNIT A SHEET A400

UNIT 202 TYPE A — UNIT A SHEET A400

UNIT 206 TYPE A — UNIT A SHEET A400

UNIT 204 TYPE A — UNIT A SHEET A400

UNIT 208 TYPE C — UNIT C SHEET A420

UNIT 210 TYPE A — UNIT A SHEET A400

UNIT 211 TYPE A — UNIT A SHEET A400

UNIT 213 TYPE A — UNIT A SHEET A400

1 / M.302 Partial Second Floor HVAC Plan - Center Section

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

PROJECT NORTH

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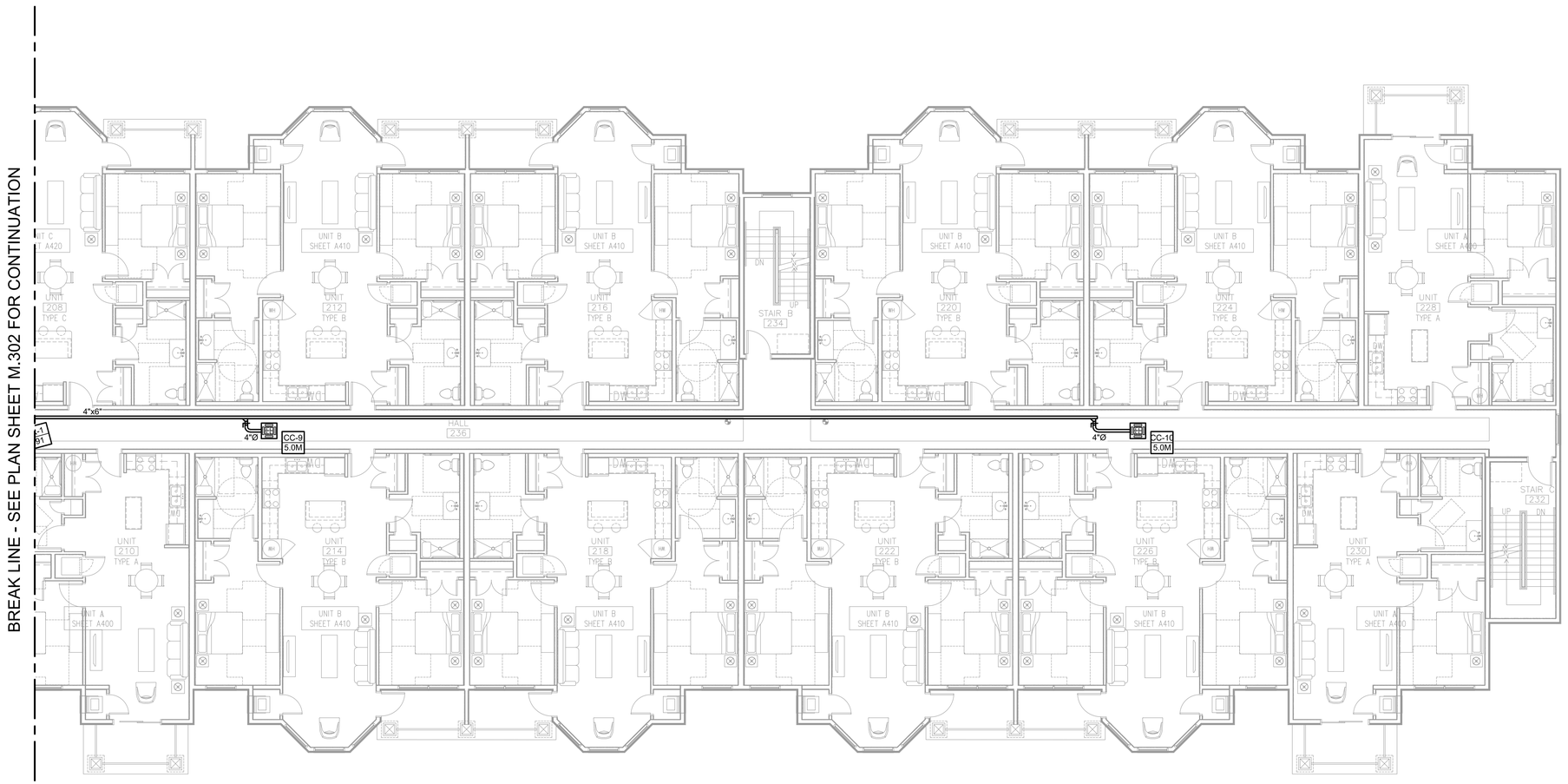
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1 / M.303 Partial Second Floor HVAC Plan - Right Section

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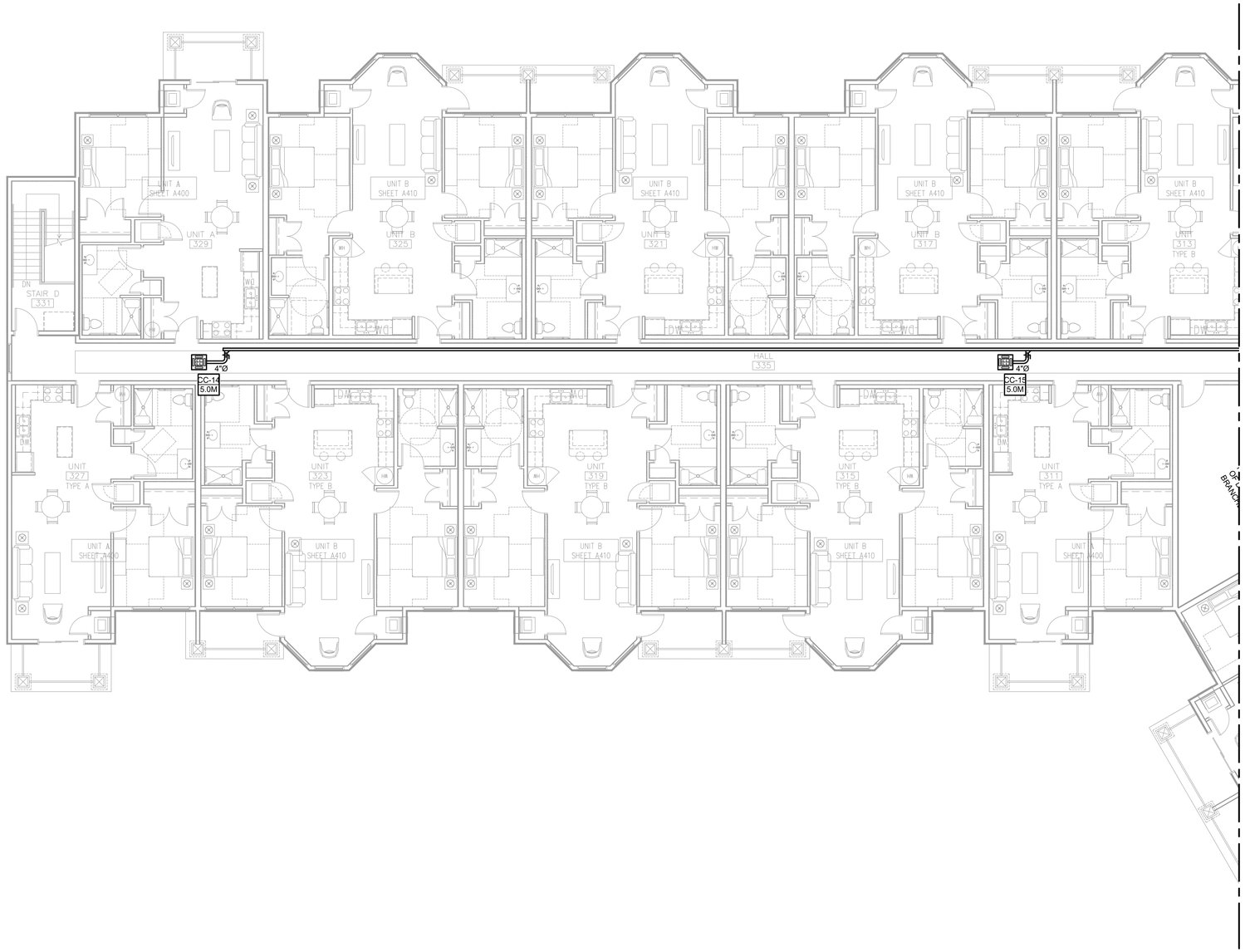
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1 / M.401 Partial Third Floor HVAC Plan - Left Section

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

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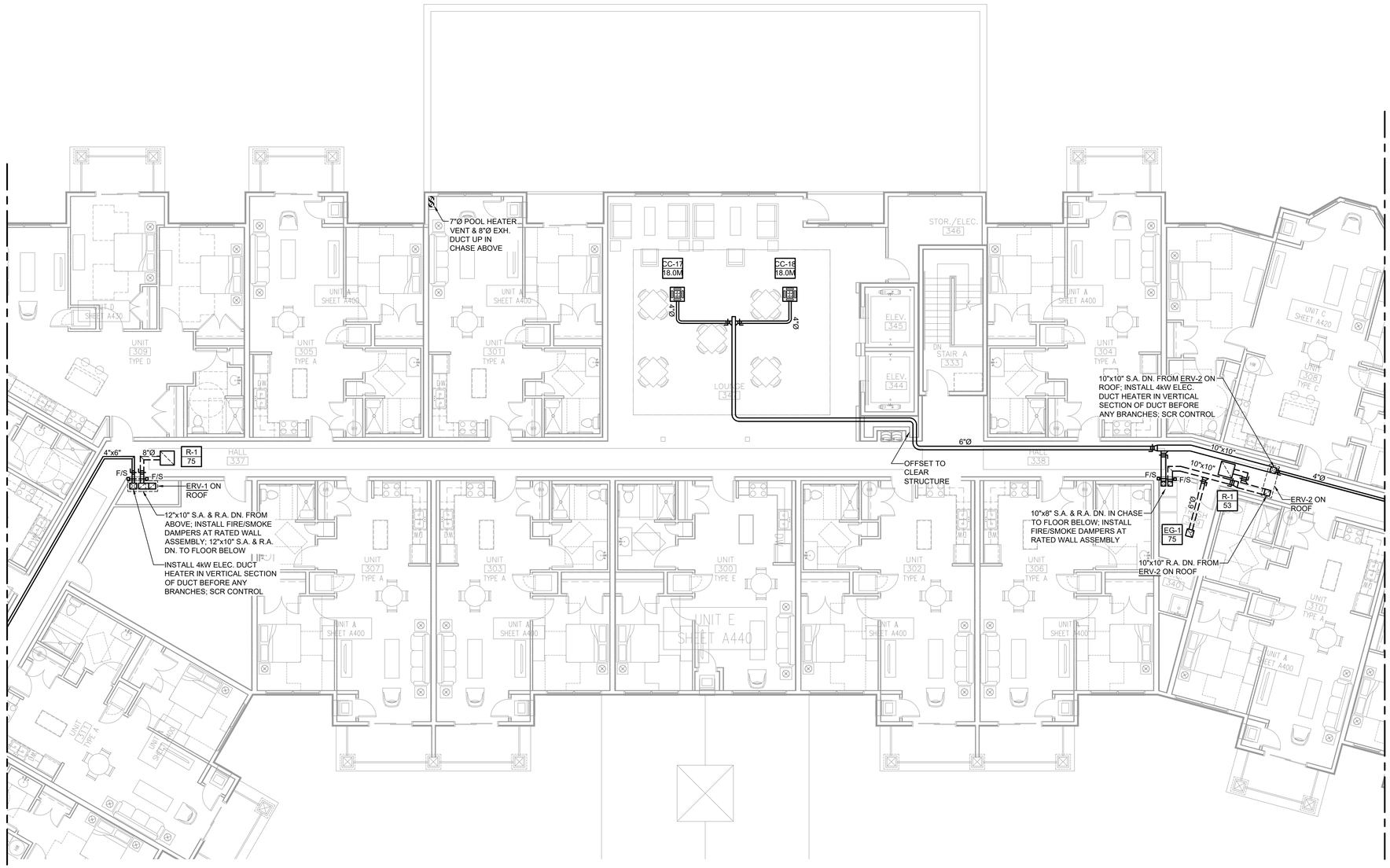
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PARTIAL THIRD FLOOR HVAC PLAN - LEFT SECTION

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1 / M.401 Partial Third Floor HVAC Plan - Center Section

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

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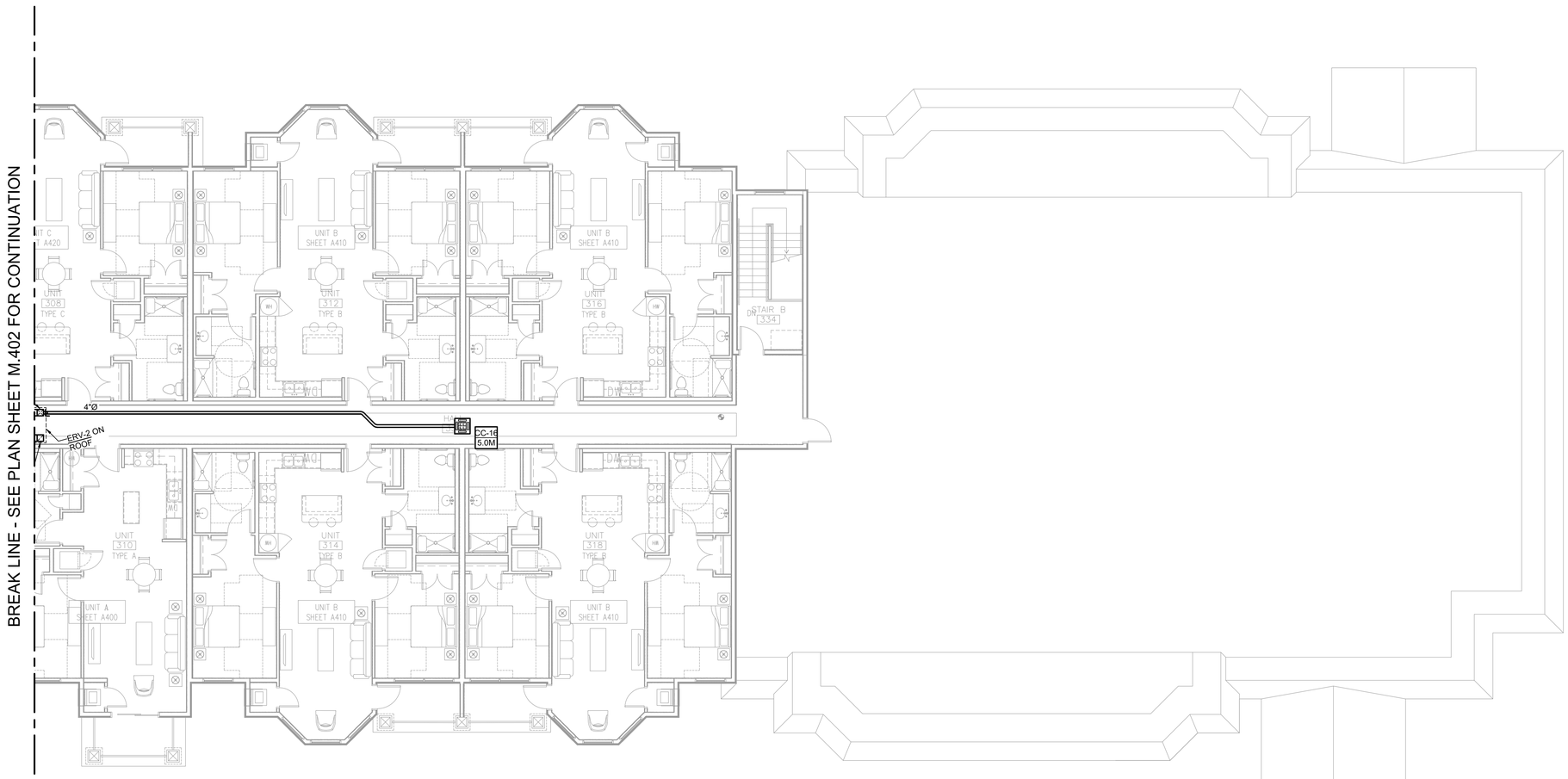
PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
PARTIAL THIRD FLOOR HVAC PLAN - CENTER SECTION

SEAL
STATE OF NEW YORK · MATTHEW GEORGE BLAKE · 089039 · LICENSED PROFESSIONAL ENGINEER

DRAWN BY	PROJECT NUMBER
MB	18105
CHECKED BY	DATE
MB	11-12-21

DRAWING NUMBER
M.402



1 / M.402 Partial Third Floor HVAC Plan - Right Section

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

N
PROJECT NORTH

NOTES

No.	REVISION/SUBMISSION	DATE

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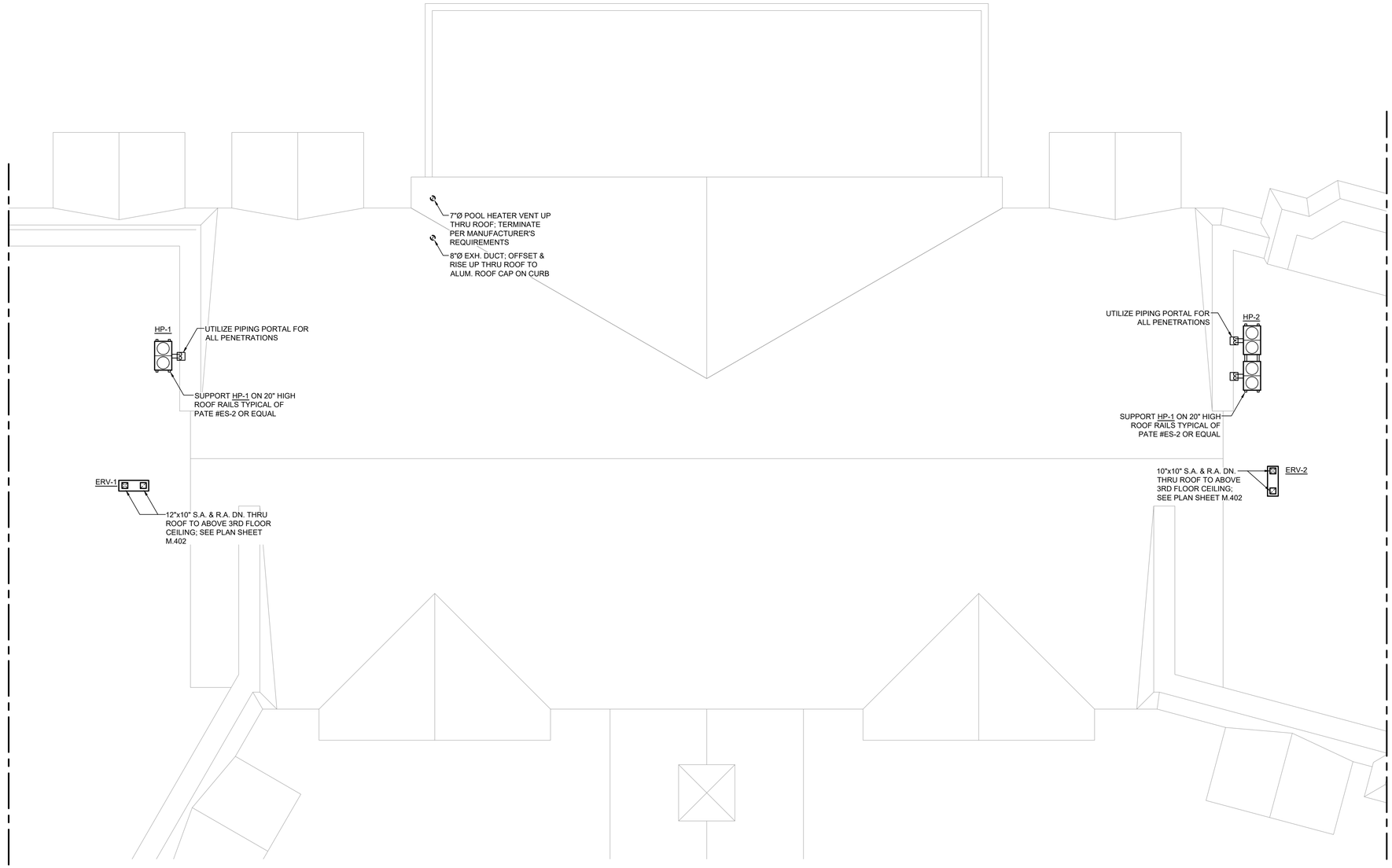
PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
PARTIAL THIRD FLOOR HVAC PLAN - RIGHT SECTION

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DRAWING NUMBER
M.403



1 / M.501 Partial Roof HVAC Plan - Center Section

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

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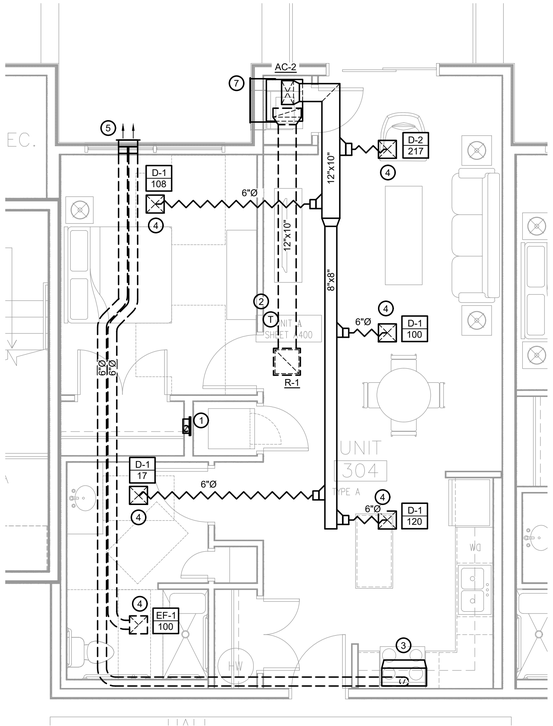
PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
PARTIAL ROOF HVAC
PLAN - CENTER SECTION

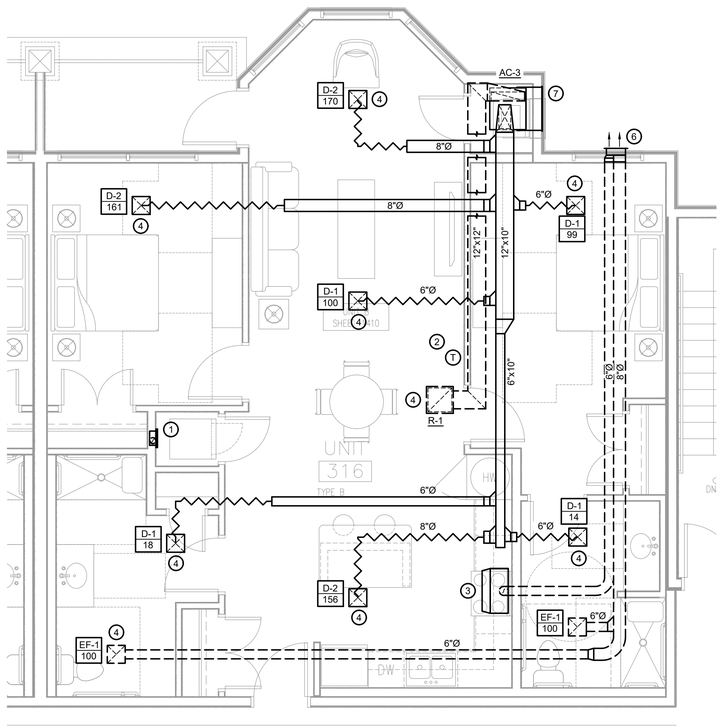
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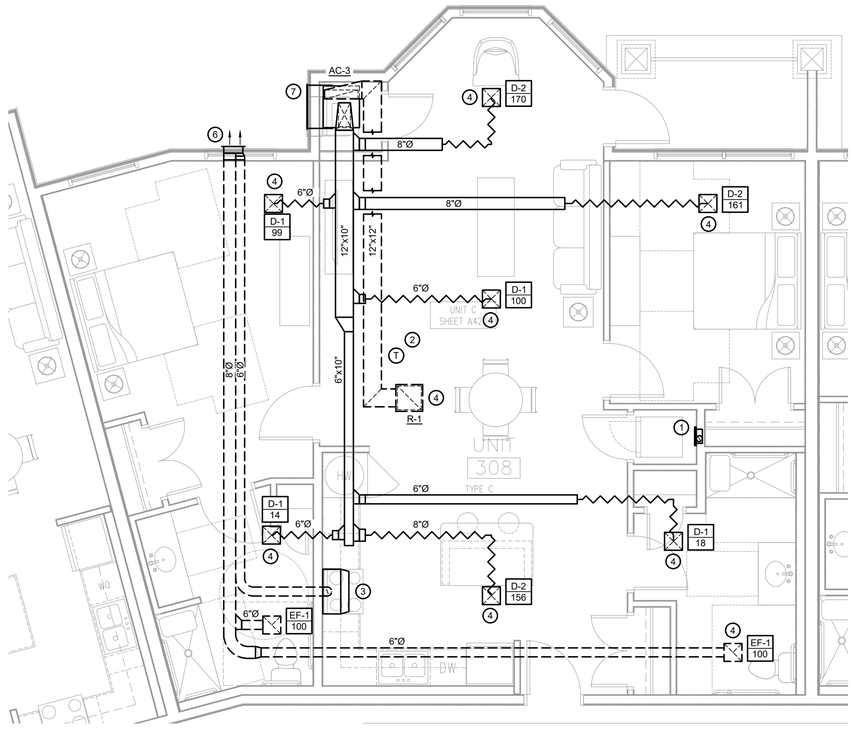
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M.501



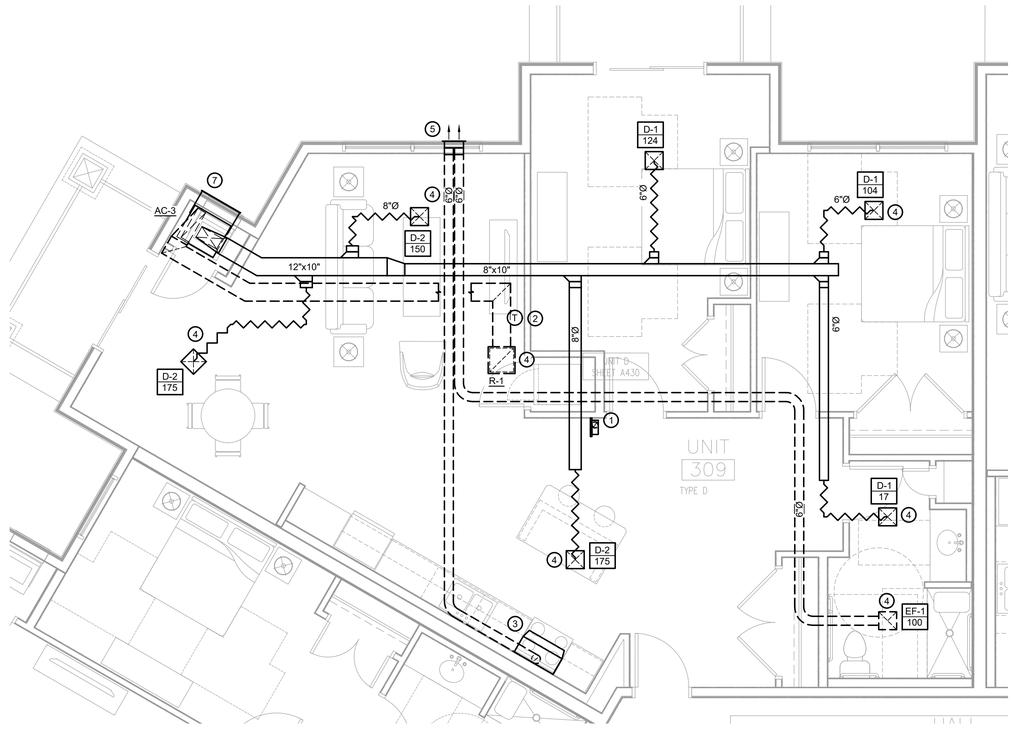
1 M.601 **Typical Unit Type 'A' HVAC Plan**
Scale: 1/4" = 1'-0"



2 M.601 **Typical Unit Type 'B' HVAC Plan**
Scale: 1/4" = 1'-0"



3 M.601 **Typical Unit Type 'C' HVAC Plan**
Scale: 1/4" = 1'-0"



4 M.601 **Typical Unit Type 'D' HVAC Plan**
Scale: 1/4" = 1'-0"

KEYED PLAN NOTES:

1. FURNISH & INSTALL RECESSED DRYER VENT BOX IN WALL TYPICAL OF DRYERBOX #425 OR ACCEPTABLE EQUAL; ROUTE 26 GA. RIGID STEEL DRYER VENT UP IN WALL; VENT DUCT TO BE ROUTED ENTIRELY WITHIN WALL TO THE ROOF & SHALL BE TERMINATED PER DETAIL; PLACEMENT OF TERMINATION CURBS AND GROUPING OF DUCTS TO BE COORDINATED SUCH THAT DRYER VENT EQUIVALENT LENGTH DOES NOT EXCEED MAXIMUM ALLOWABLE LENGTH OF DRYER INSTALLED; VENT DUCT TO BE FIRESTOPPED IN ACCORDANCE WITH AN APPROPRIATE F-A-7000, F-C-7000 OR F-E-7000 SERIES FIRESTOP SYSTEM WHERE IT PASSES THROUGH THE TOP PLATE OR SOLE PLATE OF THE CHASE WALL IN WHICH IT IS ROUTED; PERMANENT SIGNAGE MUST BE AFFIXED TO THE WALL ADJACENT TO EACH DRYER LISTING THE INSTALLED DEVELOPED VENT LENGTH, AND STATING THE FOLLOWING, "LONG-LENGTH VENTING DRYER INSTALLED. IN THE EVENT THAT THE DRYER MUST BE REPLACED, IT MUST BE REPLACED WITH AN EQUAL LONG-LENGTH VENTING DRYER."
2. FURNISH & INSTALL ENERGY STAR LABELED DIGITAL PROGRAMMABLE HEATING & COOLING THERMOSTAT; VERIFY EXACT LOCATION IN FIELD W/ OWNER PRIOR TO INSTALLATION
3. MICROWAVE & HOOD COMBINATION UNIT; TO BE FURNISHED BY OWNER & INSTALLED BY CONTRACTOR; INSTALL DUCT TRANSITION TO 6"Ø
4. FURNISH & INSTALL GRILLES & DIFFUSERS WITH 3-HR CEILING RADIATION DAMPERS
5. DOUBLE EXHAUST BOX TYPICAL OF X-VENT #DHEB-66-S OR EQUAL; (2) 6"Ø DUCT PORTS; VERIFY COLOR W/ OWNER
6. DOUBLE EXHAUST BOX TYPICAL OF X-VENT #DHEB-86-S OR EQUAL; (1) 8"Ø & (1) 6"Ø DUCT PORT; VERIFY COLOR W/ OWNER; FURNISH IN RIGHT OR LEFT ORIENTATION DEPENDING ON INSTALLATION
7. ELECTRIC HEAT PUMP PACKAGED UNIT INSTALLED IN CLOSET OVER DRAIN PAN; FURNISH & INSTALL WALL SLEEVE & LOUVER; PIPE CONDENSATE DRAIN TO FLOOR DRAIN IN CLOSET

NOTES

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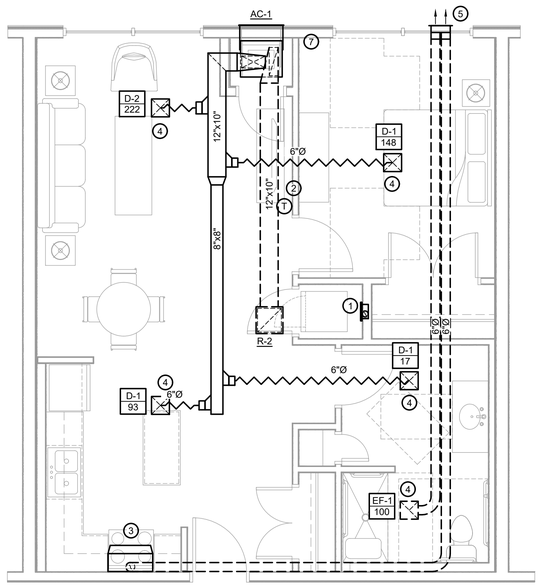
PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
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DRAWING
ENLARGED APARTMENT HVAC PLANS
(1 OF 2)

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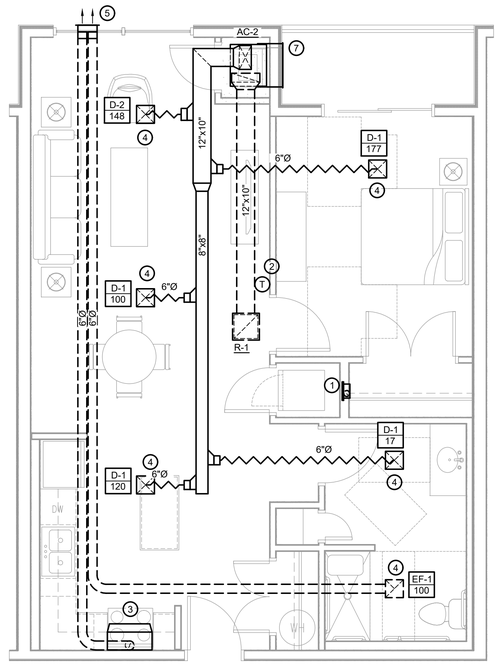
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MB	18105
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MB	11-12-21

DRAWING NUMBER
M.601



1 M.602 Typical Unit Type 'E' HVAC Plan

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



2 M.602 Typical Unit Type 'F' HVAC Plan

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

KEYED PLAN NOTES:

1. FURNISH & INSTALL RECESSED DRYER VENT BOX IN WALL TYPICAL OF DRYERBOX #425 OR ACCEPTABLE EQUAL; ROUTE 26 GA. RIGID STEEL DRYER VENT UP IN WALL; VENT DUCT TO BE ROUTED ENTIRELY WITHIN WALL TO THE ROOF & SHALL BE TERMINATED PER DETAIL; PLACEMENT OF TERMINATION CURBS AND GROUPING OF DUCTS TO BE COORDINATED SUCH THAT DRYER VENT EQUIVALENT LENGTH DOES NOT EXCEED MAXIMUM ALLOWABLE LENGTH OF DRYER INSTALLED; VENT DUCT TO BE FIRESTOPPED IN ACCORDANCE WITH AN APPROPRIATE F-A-7000, F-C-7000 OR F-E-7000 SERIES FIRESTOP SYSTEM WHERE IT PASSES THROUGH THE TOP PLATE OR SOLE PLATE OF THE CHASE WALL IN WHICH IT IS ROUTED; PERMANENT SIGNAGE MUST BE AFFIXED TO THE WALL ADJACENT TO EACH DRYER LISTING THE INSTALLED DEVELOPED VENT LENGTH, AND STATING THE FOLLOWING, "LONG-LENGTH VENTING DRYER INSTALLED. IN THE EVENT THAT THE DRYER MUST BE REPLACED, IT MUST BE REPLACED WITH AN EQUAL LONG-LENGTH VENTING DRYER."
2. FURNISH & INSTALL ENERGY STAR LABELED DIGITAL PROGRAMMABLE HEATING & COOLING THERMOSTAT; VERIFY EXACT LOCATION IN FIELD W/ OWNER PRIOR TO INSTALLATION
3. MICROWAVE & HOOD COMBINATION UNIT; TO BE FURNISHED BY OWNER & INSTALLED BY CONTRACTOR; INSTALL DUCT TRANSITION TO 6"Ø
4. FURNISH & INSTALL GRILLES & DIFFUSERS WITH 3-HR CEILING RADIATION DAMPERS
5. DOUBLE EXHAUST BOX TYPICAL OF X-VENT #DHEB-66-S OR EQUAL; (2) 6"Ø DUCT PORTS; VERIFY COLOR W/ OWNER
6. DOUBLE EXHAUST BOX TYPICAL OF X-VENT #DHEB-86-S OR EQUAL; (1) 8"Ø & (1) 6"Ø DUCT PORT; VERIFY COLOR W/ OWNER; FURNISH IN RIGHT OR LEFT ORIENTATION DEPENDING ON INSTALLATION
7. ELECTRIC HEAT PUMP PACKAGED UNIT INSTALLED IN CLOSET OVER DRAIN PAN; FURNISH & INSTALL WALL SLEEVE & LOUVER; PIPE CONDENSATE DRAIN TO FLOOR DRAIN IN CLOSET

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PROJECT
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DRAWING
ENLARGED APARTMENT HVAC PLANS
(2 OF 2)

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DRAWN BY	PROJECT NUMBER
MB	18105
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DRAWING NUMBER
M.602

FILE

LIGHTING FIXTURE SCHEDULE

TAG	SYMBOL	MANUFACTURER & MODEL	TYPE	VOLTAGE	# OF LAMPS	LAMP WATTS	FIXTURE WATTS	MOUNTING	SIZE	NOTES
L1	L1	JUNO LIGHTING 7"Ø LED SURFACE DOWNLIGHT JSF-7IN-10LM-30K-90CRI-120-FRPC-WH	LED	120	1	15	15	SURFACE MTD.	-	3000K COLOR TEMPERATURE; WET LOCATION LISTED
L2	L2	MINKA AIRE ALUMA FAN LIGHT F521-ABD	LED	120	1	7	7	SURFACE MTD.	-	3000K COLOR TEMPERATURE
L3a	L3a	ELECTRIC MIRROR SILHOUETTE LIGHTED MIRROR 30"x42"	LED	120	1	85	85	WALL MTD.	-	3000K COLOR TEMPERATURE
L3b	L3b	ELECTRIC MIRROR SILHOUETTE LIGHTED MIRROR 60"x36"	LED	120	1	100	100	WALL MTD.	-	3000K COLOR TEMPERATURE
L4	L4	WAC LIGHTING LED PENDANT PD-64909-BK	LED	120	1	10.5	10.5	PENDANT	-	3000K COLOR TEMPERATURE
L5	L5	HE WILLIAMS LED DOWNLIGHT 6DR-TL-L15/830-DIM-UNV-OW-OF-CS-N-F1	LED	120	1	13.8	13.8	DOWNLIGHT	6"Ø	3000K COLOR TEMPERATURE; FURNISH FIXTURES DESIGNATED AS 'E' W/ EM DRIVER (BATTERY)
L6	L6	ABRA LIGHTING ILLUMINATED APT. UNIT SIGN 93004WN	LED	120	1	20	20	WALL MTD.	-	VERIFY MOUNTING HEIGHT & NUMBERING W/ OWNER
L7	L7	HE WILLIAMS LED DOWNLIGHT 6DR-TL-L10/830-DIM-UNV-OW-OF-CS-N-F1	LED	120	1	8.7	8.7	DOWNLIGHT	6"Ø	3000K COLOR TEMPERATURE; FURNISH FIXTURES DESIGNATED AS 'E' W/ EM DRIVER (BATTERY)
L8	L8	WAC LIGHTING OUTDOOR SCONCE WS-W47814-BK	LED	120	1	22	22	WALL MTD.	-	VERIFY MOUNTING HEIGHT W/ OWNER; WET LOCATION LISTED
L9	L9	HE WILLIAMS LED DOWNLIGHT 6DR-TL-L30/835-DIM-UNV-OW-OF-CS-WET/CC-N-F1	LED	120	1	26.9	26.9	DOWNLIGHT	6"Ø	3500K COLOR TEMPERATURE; WET LOCATION LISTED
L10	L10	HUBBELL LIGHTING SLIM LED AC/EMERG. OUTDOOR LIGHT CUSO4DB-H-ND	LED	120	1	3.59	3.59	SURFACE MTD.	9.1"x6.3" x2.5"	4000K COLOR TEMPERATURE; PHOTOCELL; HEATER; 90-MINUTE BATTERY BACKUP
L11	L11	LUMINAIRE LED STAIR LIGHTER TSL-94	LED	120	1	50	50	SURFACE MTD.	48"	3000K COLOR TEMPERATURE
L12	L12	HE WILLIAMS LED TROFFER AP-22-L30/830-DIM-UNV	LED	120	1	28.6	28.6	LAY-IN	24"x24"	3000K COLOR TEMPERATURE; FURNISH FIXTURES DESIGNATED AS 'E' W/ EM DRIVER (BATTERY)
L13	L13	HE WILLIAMS LED DOWNLIGHT 6DR-TL-L10/830-DIM-UNV-OW-OF-CS-N-F1	LED	120	1	8.7	8.7	DOWNLIGHT	6"Ø	3000K COLOR TEMPERATURE; FURNISH FIXTURES DESIGNATED AS 'E' W/ EM DRIVER (BATTERY)
L14	L14	WAC LIGHTING 24V LED TAPE LIGHT LED-T2435-'X'-WT W/ LED-T-CH ALUM. CHANNEL	LED	120	1	3/LF	3/LF	COVE MTD.	SEE PLANS	3500K COLOR TEMPERATURE; 'X' = FIXTURE LENGTH (SEE PLANS); FURNISH W/ 'L' CONNECTORS & POWER SUPPLIES AS REQUIRED
L15	L15	HE WILLIAMS LED WRAP SLF-4-L52/840-HIA-DRV-UNV	LED	120	1	37.2	37.2	SURFACE MTD.	48"	4000K COLOR TEMPERATURE
L16	L16	HE WILLIAMS LED SLIMLINE SL-4-L5/830-RD-SM-DIM-UNV	LED	120	1	17.9	17.9	SURFACE MTD.	48"	3000K COLOR TEMPERATURE
L17	L17	WAC LIGHTING UP/DOWN WALL SCONCE DS-WD06-30S-BZ	LED	120	2	35	70	WALL MTD.	6"Ø x18"	3000K COLOR TEMPERATURE; WET LOCATION LISTED
L18	L18	WAC LIGHTING LED WALL PACK WPCS-L30/840-BZ-DIM-UNV	LED	120	1	27	27	WALL MTD.	11"x5⅝"	4000K COLOR TEMPERATURE; WET LOCATION LISTED
L19	L19	PORCELAIN LIGHT SOCKET	LED	120	1	14	14	SURFACE MTD.	-	FURNISH W/ (1) 14W A19 LAMP; 3000K COLOR TEMPERATURE
L20	L20	WAC LIGHTING LED SURFACE LIGHT FM-W2510-WH	LED	120	1	30	30	SURFACE MTD.	-	WET LOCATION LISTED; 3000K COLOR TEMPERATURE
L21	L21	HE WILLIAMS SURFACE WRAP 39-4-L52/840-A-DRV-UNV	LED	120	1	37.2	37.2	SURFACE MTD.	-	4000K COLOR TEMPERATURE
-		BEGHELLI LIGHTING LED EMERGENCY PEH-T20-AT	LED	120	2	1.7	3.4	UNIVERSAL	-	90-MINUTE BATTERY BACKUP
-		BEGHELLI LIGHTING COMBO UNIT FRM-C-LG-1-B-BA-RC	LED	120	2	3	6	UNIVERSAL	-	90-MINUTE BATTERY BACKUP; REMOTE CAPABLE
-		BEGHELLI LIGHTING LED EXIT SIGN FME-SA-LG-U-M	LED	120	1	2	2	UNIVERSAL	-	90-MINUTE BATTERY BACKUP

ELECTRICAL LEGEND:

EH-1 ELECTRIC WALL HEATER TYPICAL OF Q-MARK #CWH3404F OR ACCEPTABLE EQUAL; 3,000W @ 208V 1-PHASE; FURNISH W/ SURFACE MTG. KIT & INTEGRAL THERMOSTAT

EB-1 ELECTRIC BASEBOARD TYPICAL OF Q-MARK #HBB1000 OR ACCEPTABLE EQUAL; 1,000W @ 120V 1-PHASE; FURNISH W/ INTEGRAL THERMOSTAT

ELECTRICAL LEGEND:

- MOTOR
- EARTH GROUND
- JUNCTION BOX
- PB — PULL BOX
- FUSE WITH RATING
- MOLDED CASE CIRCUIT BREAKER
- DISCONNECT SWITCH, FUSED
- DISCONNECT SWITCH, UNFUSED
- STARTER, COMBINATION WITH DISCONNECT SWITCH
- STARTER OR MOTOR CONTROLLER
- M — METER
- 20A 120V SINGLE RECEPTACLE
- 20A 120V DUPLEX RECEPTACLE
- 20A 120V DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER
- 20A 120V QUADRAPLEX RECEPTACLE
- RECEPTACLE, SPECIAL PURPOSE
- USB — 20A 120V USB CHARGER RECEPTACLE TYPICAL OF HUBBELL USB20X OR ACCEPTABLE EQUAL
- FLUSH MOUNTED FLOOR BOX WITH FINISHED COVER PLATE; INSTALL POWER, TELEPHONE AND/OR DATA AS SHOWN ON PLANS
- W — WALL PHONE OUTLET MTD. 48" A.F.F.; 3/4" EMT CDT. IN WALL TO ABOVE CEILING W/ PULL CORD; DEEP 4-S BOX W/ VERTICALLY ORIENTED SINGLE-GANG PLASTER RING
- DATA COMMUNICATION BOX W/ 3/4" EMT CDT. IN WALL TO ABOVE CEILING W/ PULL CORD; RANDL 5-SQUARE BOX W/ VERTICALLY ORIENTED SINGLE-GANG PLASTER RING OR ACCEPT. EQUAL; NO FACE PLATE
- TELEPHONE OUTLET BOX W/ 3/4" EMT CDT. IN WALL TO ABOVE CEILING W/ PULL CORD; DEEP 4-S BOX W/ VERTICALLY ORIENTED SINGLE-GANG PLASTER RING
- TELEPHONE/DATA COMMUNICATION BOX W/ (2) 3/4" EMT CDT. IN WALL TO ABOVE CEILING W/ PULL CORD; RANDL 5-SQUARE BOX W/ VERTICALLY ORIENTED SINGLE-GANG PLASTER RING OR ACCEPT. EQUAL; NO FACE PLATE
- WALL BOX FOR TELEVISION CONNECTION; 1-1/4" EMT CDT. IN WALL TO ABOVE CEILING W/ PULL CORD; RANDL 5-SQUARE BOX W/ VERTICALLY ORIENTED SINGLE-GANG PLASTER RING OR ACCEPT. EQUAL; NO FACE PLATE
- BRANCH CIRCUIT HOMERUN; LINES INDICATE NUMBER OF CIRCUITS, NEUTRAL, AND SWITCH LEG CONDUCTORS; ONE SEPARATE GROUNDING CONDUCTOR SHALL BE PROVIDED FOR EACH HOMERUN; NOT SHOWN
- $2 — SWITCH
  BLANK = SINGLE POLE; 2 = DOUBLE POLE; 3 = THREE-WAY; 4 = FOUR-WAY; D = DIMMER; K = KEY OPERATED; P = WITH PILOT LIGHT; PB= PUSH BUTTON; T = TIMER OPERATED; WP= WEATHER PROOF; X = EXPLOSION PROOF; OC= OCCUPANCY SENSOR
- X — ALARM, HORN/LIGHT, ONE ASSEMBLY, FIELD SELECTABLE STROBES, 'X' INDICATES CANDELA OUTPUT; MTD. 80" A.F.F.
- X — ALARM, STROBE, FIELD SELECTABLE STROBES, 'X' INDICATES CANDELA OUTPUT; MTD. 80" A.F.F.
- P — FIRE ALARM STATION, MANUAL PULL; MTD. 48" A.F.F.
- P — DETECTOR; LETTER INDICATES AS FOLLOWS:
  BLANK = SMOKE DETECTOR; P = PHOTOELECTRIC SMOKE; SB = PHOTOELECTRIC SMOKE W/ SOUNDER BASE; DS = PHOTOELECTRIC DUCT SMOKE DETECTOR; E = EXISTING DEVICE, TO REMAIN
- RATE OF RISE HEAT DETECTOR, 135°F
- CO — CARBON MONOXIDE DETECTOR; MTD. 60" A.F.F.
- FACP — ADDRESSABLE FIRE ALARM CONTROL PANEL
- FAAP — FIRE ALARM ANNUNCIATOR PANEL
- TS — TAMPER SWITCH
- WF — FLOW SWITCH
- SD — FAN SHUTDOWN

DEVICE MOUNTING HEIGHTS

POWER RECEPTACLES (INTERIOR)	18" A.F.F.
POWER RECEPTACLES (EXTERIOR)	36" A.F.G.
POWER RECEPTACLES (@ COUNTER)	44" A.F.F.
LIGHT SWITCHES	48" A.F.F. TO TOP OF DEVICE
DISCONNECT SWITCHES	SEE NEC 404.8(A)
TELEPHONE/DATA RECEPTACLES	18" A.F.F.
TELEPHONE/DATA RECEPTACLES (@ COUNTER)	44" A.F.F.
WALL TELEPHONE RECEPTACLES	48" A.F.F. TO TOP OF DEVICE
FIRE ALARM PULL STATIONS	42" A.F.F. MIN./48" A.F.F. MAX.
FIRE ALARM AUDIO/VISUAL DEVICES	80" A.F.F. MIN./96" A.F.F. MAX.
EXIT LIGHTS (WALL MOUNTED)	12" ABOVE DOOR
EMERGENCY LIGHTS (WALL MOUNTED)	90" A.F.F.
TV & A/V OUTLETS	18" A.F.F.

NOTE: ALL DIMENSIONS ARE TO CENTER OF DEVICE UNLESS OTHERWISE NOTED

ELECTRICAL NOTES:

1. ALL MATERIALS AND EQUIPMENT ARE TO BE NEW, UNUSED, AND FREE FROM DEFECTS OF ANY KIND. THE BASIS OF QUALITY SHALL BE THE LATEST REVISION OF ASTM, ANSI, OR OTHER ACCEPTABLE STANDARDS.
2. ALL APPLIANCES, EQUIPMENT, CONDUCTORS AND CONDUIT SHALL BE APPROVED, LISTED AND INSTALLED IN ACCORDANCE WITH THE NEC AND/OR MANUFACTURER'S INSTALLATION INSTRUCTIONS.
3. THESE DRAWINGS ARE DIAGRAMMATIC, AND INDICATE GENERAL ARRANGEMENT OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO HAVE REVIEWED THE SITE FOR HIS WORK PRIOR TO HAVING SUBMITTED HIS PROPOSAL. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CONDITIONS FOUND DURING THE COURSE OF THE CONTRACT.
4. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF ALL OTHER TRADES.
5. ALL WORK INCLUDING LABOR AND MATERIALS SHALL BE FULLY GUARANTEED FOR ONE (1) YEAR FROM THE DATE OF PAYMENT AND FINAL ACCEPTANCE BY THE OWNER AND ENGINEER.
6. ALL CUTTING, PATCHING, FIRE-STOPPING, AND SURFACE RESTORATION IN CONNECTION WITH THIS TRADE SHALL BE COMPLETED BY THIS CONTRACTOR.
7. A MINIMUM OF FOUR (4) COPIES OF SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL PRIOR TO ORDERING AND INSTALLATION OF THE EQUIPMENT AND/OR MATERIALS. BY SUBMITTING SHOP DRAWINGS, THE CONTRACTOR REPRESENTS THAT ACTUAL FIELD CONDITIONS ARE VERIFIED BY HIM AND ARE REFLECTED ON HIS SUBMITTALS.
8. THIS CONTRACTOR SHALL PAY ALL FEES, GIVE ALL NOTICES, FILE ALL NECESSARY DRAWINGS, AND OBTAIN ALL PERMITS, INSPECTIONS AND CERTIFICATES OF APPROVAL REQUIRED IN CONNECTION WITH WORK UNDER THIS CONTRACT.
9. EQUIPMENT AND MATERIALS FOR WHICH UNDERWRITERS LABORATORIES INC. (UL) PROVIDES PRODUCT LISTING SERVICE SHALL BE LISTED AND BEAR THE LISTING MARK.
8. ALL WORK IN ASSOCIATION WITH THIS CONTRACT SHALL BE COMPLETED IN STRICT COMPLIANCE WITH THE 2015 NATIONAL ELECTRIC CODE, 2020 BUILDING CODE OF NEW YORK STATE, 2020 FIRE CODE OF NEW YORK STATE & 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.
9. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION, APPLICATIONS AND FEES OF ALL WORK ASSOCIATED WITH THE LOCAL UTILITY COMPANY AND/OR THE TELEPHONE COMPANY. ALL WORK INVOLVING THE UTILITY COMPANY SHALL BE COMPLETED IN ACCORDANCE WITH THEIR REGULATIONS AND GUIDELINES.
10. ALL CONDUCTORS SHALL BE COPPER, SHALL NOT BE LESS THAN #12 AWG, AND SHALL NOT EXCEED 70 FEET FROM PANEL BOARD TO FURTHEST CONNECTION UNLESS OTHERWISE NOTED ON PLANS.
11. WIRING SHALL CONSIST OF METALLIC ARMORED CABLES (TYPE AC) INSTALLED WHERE CONCEALED IN FRAMED WALLS, CEILINGS, OR PERMITTED BY THE NEC. OTHER AREAS SHALL CONSIST OF INSULATED CONDUCTORS INSTALLED IN RIGID STEEL CONDUIT (RGS), ELECTRICAL METALLIC TUBING (EMT), INTERMEDIATE METAL CONDUIT (IMC), OR FLEXIBLE METALLIC ARMORED CABLE (GREENFIELD).
12. LIGHTING LOADS SHALL NOT BE COMBINED ON THE SAME CIRCUIT AS ANY OTHER ELECTRICAL LOADS.
13. CONTRACTOR SHALL BE RESPONSIBLE TO FURNISH & INSTALL ALL SMALL DETAILS AND INCIDENTAL WORK NOT SHOWN OR SPECIFIED, BUT WHICH CAN BE REASONABLY INFERRED AS REQUIRED FOR A COMPLETE AND OPERATING SYSTEM OF HIGH QUALITY MEETING ALL APPLICABLE CODES AND REGULATIONS.
14. FOR EACH NEW OR MODIFIED ELECTRICAL PANEL, THE CONTRACTOR SHALL PROVIDE A TYPE WRITTEN DIRECTORY CARD TO REFLECT ALL CIRCUITING. ADDITIONALLY, THE CONTRACTOR SHALL LABEL (WITH A PERMANENT MARKER OR LABEL) EACH RECEPTACLE ON THE INSIDE OF EACH FACE PLATE WITH PANEL AND CIRCUIT NUMBER DESIGNATION.
15. MINIMUM REQUIREMENT FOR EQUIPMENT GROUNDING SHALL BE GOVERNED BY THE NEC. ALL GROUNDS, BONDING, ETC. SHALL MEET THESE REQUIREMENTS. THE CONTRACTOR SHALL FURNISH AND INSTALL ANY AND ALL ITEMS NECESSARY TO MEET THESE REQUIREMENTS AT NO EXTRA COST, EVEN IF SUCH ITEMS ARE NOT DETAILED ON THE DRAWINGS.
16. ALL CONDUIT AND CABLE SHALL BE PROPERLY SUPPORTED AND ROUTED PARALLEL OR PERPENDICULAR TO BUILDING WALLS. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL SUPPORT HANGERS AND MISCELLANEOUS METALS REQUIRED FOR PROPER INSTALLATION OF WORK.
17. THE CONTRACTOR IS RESPONSIBLE TO TEST ALL EQUIPMENT, WIRING, DEVICES, AND SYSTEMS INSTALLED UNDER THIS CONTRACT TO ENSURE PROPER OPERATION PRIOR TO FINAL ACCEPTANCE BY THE OWNER AND ENGINEER.
18. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE WHETHER SPECIAL LICENSING IS REQUIRED IN ORDER TO PERFORM THE REQUIRED WORK IN THE MUNICIPALITY WHERE THE PROJECT IS LOCATED. IF THE CONTRACTOR CANNOT OBTAIN THE REQUIRED LICENSING TO COMPLETE THE WORK WITHIN THE PROJECT SCHEDULE, THEN THE CONTRACTOR SHALL NOT BE PERMITTED TO BID ON THIS PROJECT.

WIRE COLOR CODING TABLE

PHASE	WIRES	VOLTAGE	L1	L2	L3	NEUTRAL	GROUND
1	2 (1)	120	BLACK	-	-	WHITE	-
1	2 (1)	208	BLACK	RED	-	-	-
1	3	120	BLACK	-	-	WHITE	GREEN (2)
1	3	208	BLACK	RED	-	-	GREEN (2)
3	4	208	BLACK	RED	BLUE	-	GREEN (2)
3	5	208	BLACK	RED	BLUE	WHITE	GREEN (2)
1	3	277	BROWN	-	-	GRAY	GREEN (2)
1	3	277	BROWN	ORANGE	-	-	GREEN (2)
3	4	480	BROWN	ORANGE	YELLOW	-	GREEN (2)
3	5	480	BROWN	ORANGE	YELLOW	GRAY	GREEN (2)

NOTES:
1. FOR DOUBLE INSULATED EQUIPMENT ONLY.
2. GREEN/YELLOW MAY BE USED:
   - GREEN/YELLOW SHALL BE GREEN WITH ONE OR MORE YELLOW STRIPES.
   - GREEN = 50 TO 70%, YELLOW = 50 TO 30%.
   - GREEN/YELLOW IS THE ONLY COLOR INTERNATIONALLY ACCEPTED FOR USE AS AN EQUIPMENT GROUNDING CONDUCTOR.
   - GREEN OR GREEN/YELLOW MUST ONLY BE USED FOR GROUNDING CONDUCTORS.

NOTES

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
ELECTRIC SCHEDULES, LEGENDS, NOTES & DETAILS

SEAL
STATE OF NEW YORK · MATTHEW GEORGE BLAKE · 089039 · LICENSED PROFESSIONAL ENGINEER

DRAWN BY	PROJECT NUMBER
MB	18105
CHECKED BY	DATE
MB	11-12-21

DRAWING NUMBER
E.101

SHORT CIRCUIT CALCULATIONS

1. TRANSFORMER SIZE = 1,000 kVA
2. TRANSFORMER FULL LOAD AMPS (I_{FL})= 2,776A
3. TRANSFORMER IMPEDANCE (%Z) = 3.50%
4. TRANSFORMER MULTIPLIER = 100 / %Z = 28.57
5. TRANSFORMER LET THRU CURRENT
   I_{SC} = I_{FL} x 28.57 = 79,314.29A
6. LENGTH OF CONDUCTORS TO FAULT (L) = 75 FT
7. 'C' VALUE FOR 600 KCM CONDUCTORS (C) = 28,033
8. NUMBER OF CONDUCTORS PER PHASE (n) = 10
9. VOLTAGE OF CIRCUIT (E_{L-L}) = 208V
10. 'f' FACTOR = 1.732 x L x I_{SC} / C x n x E_{L-L} = 0.177
11. MULTIPLIER 'M' = 1 / 1 + f = 0.850
12. AVAILABLE SHORT CIRCUIT AT POINT OF FAULT
    $I_{SC\ SYM\ RMS}$ = I_{SC} x M = 67,404A

125A FEEDER SIZING TABLE

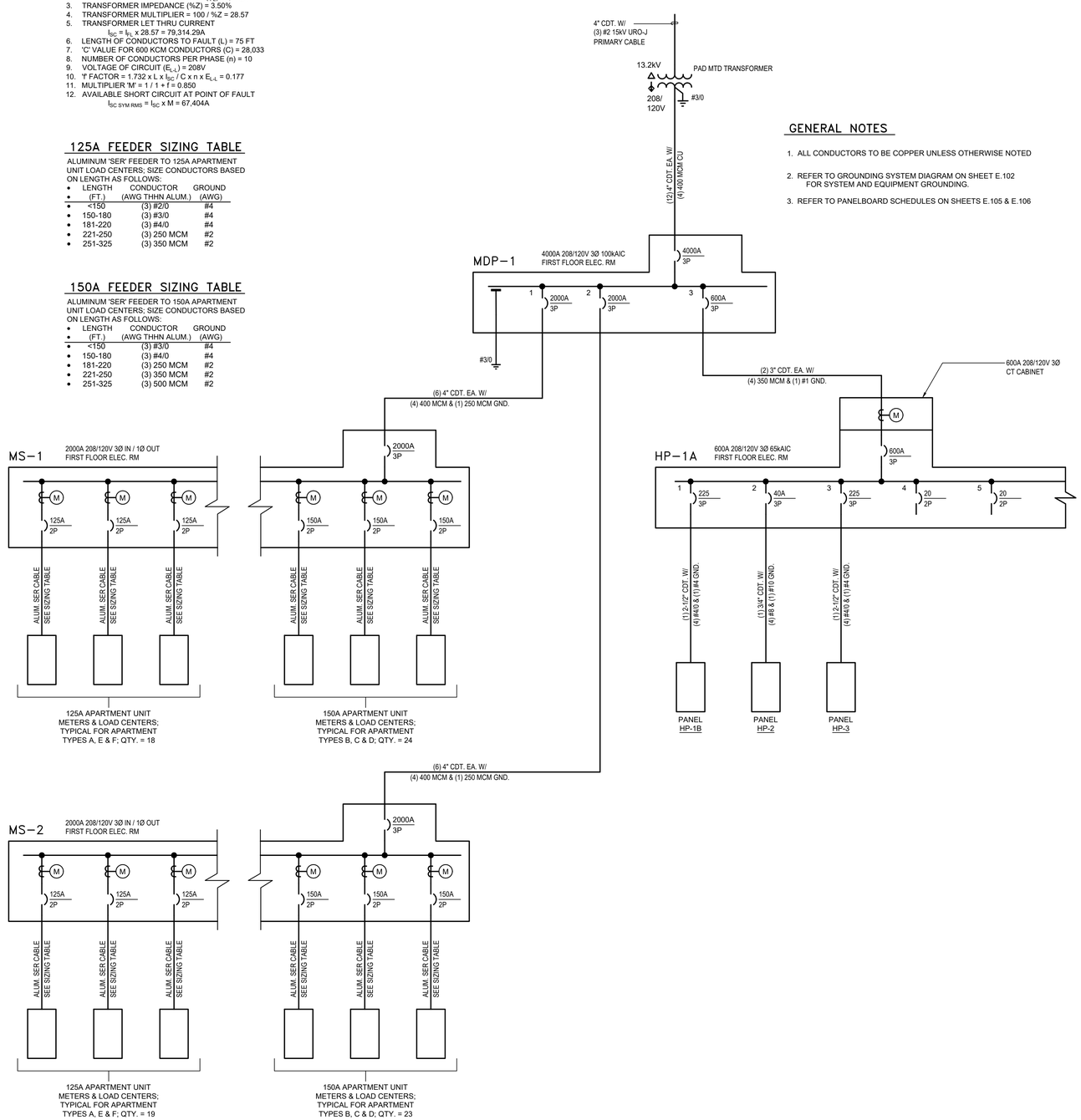
ALUMINUM 'SER' FEEDER TO 125A APARTMENT UNIT LOAD CENTERS; SIZE CONDUCTORS BASED ON LENGTH AS FOLLOWS:

LENGTH (FT.)	CONDUCTOR (AWG THHN ALUM.)	GROUND (AWG)
<150	(3) #2/0	#4
150-180	(3) #3/0	#4
181-220	(3) #4/0	#4
221-250	(3) 250 MCM	#2
251-325	(3) 350 MCM	#2

150A FEEDER SIZING TABLE

ALUMINUM 'SER' FEEDER TO 150A APARTMENT UNIT LOAD CENTERS; SIZE CONDUCTORS BASED ON LENGTH AS FOLLOWS:

LENGTH (FT.)	CONDUCTOR (AWG THHN ALUM.)	GROUND (AWG)
<150	(3) #3/0	#4
150-180	(3) #4/0	#4
181-220	(3) 250 MCM	#2
221-250	(3) 350 MCM	#2
251-325	(3) 500 MCM	#2



GENERAL NOTES

1. ALL CONDUCTORS TO BE COPPER UNLESS OTHERWISE NOTED
2. REFER TO GROUNDING SYSTEM DIAGRAM ON SHEET E.102 FOR SYSTEM AND EQUIPMENT GROUNDING.
3. REFER TO PANELBOARD SCHEDULES ON SHEETS E.105 & E.106

NOTES

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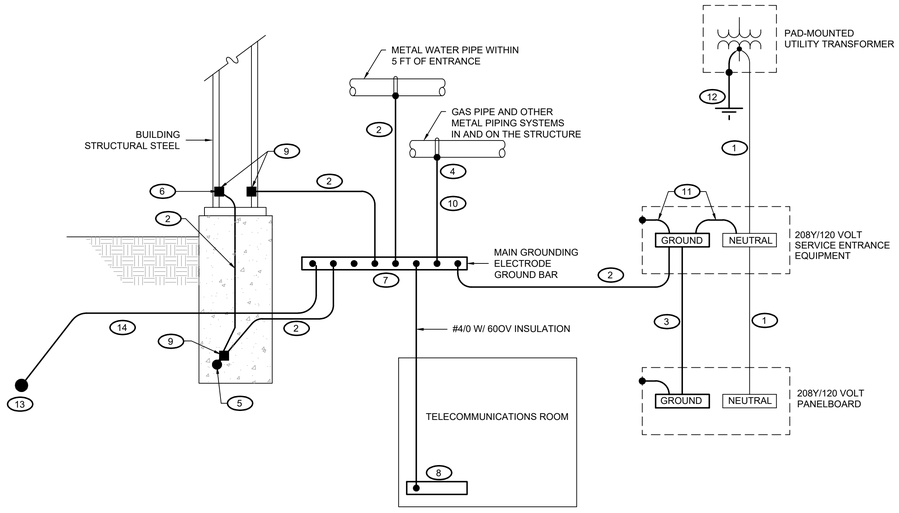
PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
ELECTRIC ONE-LINE DIAGRAM

SEAL
STATE OF NEW YORK
MATTHEW GEORGE BLAKE
089039
LICENSED PROFESSIONAL ENGINEER

DRAWN BY	PROJECT NUMBER
MB	18105
CHECKED BY	DATE
MB	11-12-21

DRAWING NUMBER
E.102



1 / E.103 Grounding System Diagram

Scale: None

KEYED NOTES

1. INSTALL GROUNDED (NEUTRAL) CONDUCTOR SAME SIZE AS THE LARGEST PHASE CONDUCTOR.
2. INSTALL GROUNDING ELECTRODE CONDUCTOR, SIZED BASED ON NEC TABLE 250.66 USING THE SIZE OF THE LARGEST SERVICE ENTRANCE CONDUCTOR OR EQUIVALENT AREA FOR PARALLEL CONDUCTORS, BUT NOT SMALLER THAN 4 AWG.
3. INSTALL EQUIPMENT GROUNDING CONDUCTOR SIZED BASED ON NEC TABLE 250.122 USING THE FEEDER OVERCURRENT DEVICE SIZE.
4. BOND TO GAS PIPE ON THE BUILDING SIDE OF THE GAS METER.
5. INSTALL A CONCRETE-ENCASED MAIN GROUNDING ELECTRODE IN THE BUILDING FOUNDATION AROUND THE ENTIRE PERIMETER OF THE BUILDING. LOCATE ELECTRODE IN THE BOTTOM ONE-THIRD OF THE FOUNDATION WITH AT LEAST 3 INCHES OF CONCRETE COVER. USE EITHER OF THE FOLLOWING MATERIALS FOR THE ELECTRODE:
   - BARE COPPER CABLE NOT SMALLER THAN THE GROUNDING ELECTRODE CONDUCTOR REQUIRED BY THE NEC AND NOT SMALLER THAN 4 AWG.
   - BARE OR GALVANIZED REBARS THAT ARE MADE ELECTRICALLY CONTINUOUS USING COPPER JUMPERS NOT SMALLER THAN THE NEC REQUIRED GROUNDING ELECTRODE CONDUCTOR AND NOT SMALLER THAN 4 AWG. USE REINFORCING BARS NOT SMALLER THAN THE FOLLOWING BASED ON THE TOTAL LENGTH OF THE INTERCONNECTED AND PARALLELED REBARS:

TOTAL LENGTH	MINIMUM REBAR SIZE
≤112 FT	1-3/8" (#11 BAR)
150 FT	1" (#8 BAR)
192 FT	3/4" (#6 BAR)
223 FT	5/8" (#5 BAR)
≥268 FT	1/2" (#4 BAR)

6. BOND EACH PERIMETER STRUCTURAL STEEL COLUMN TO THE CONCRETE-ENCASED MAIN GROUNDING ELECTRODE. USE COMPRESSION CONNECTORS THAT MEET IEEE 837 REQUIREMENTS OR USE EXOTHERMIC WELDS.
7. INSTALL A "MAIN GROUND ELECTRODE GROUND BAR" FOR SINGLE POINT GROUNDING. LOCATE AT AN ACCESSIBLE AND VISIBLE POINT NEAR THE SERVICE ENTRANCE EQUIPMENT. MAKE CONNECTIONS TO THE GROUND BAR USING TWO-HOLE COMPRESSION SPADE LUGS THAT MEET IEEE 837 REQUIREMENTS. LABEL EACH CONNECTION TO THE GROUND BAR.

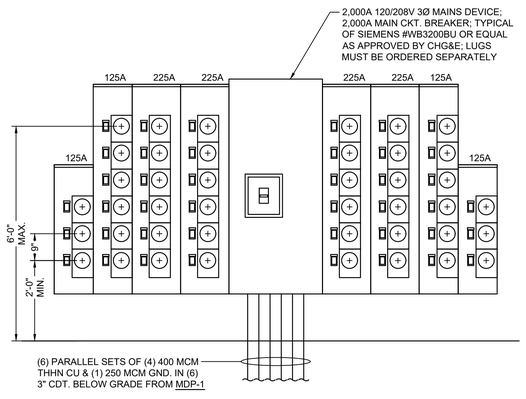
KEYED NOTES (CONTINUED)

8. INSTALL A COPPER GROUNDING BAR IN EACH TELECOMMUNICATIONS ROOM. CONNECT TO THE "MAIN GROUNDING ELECTRODE GROUND BAR" USING 600V INSULATED 4/0 AWG COPPER CABLE AND COMPRESSION SPADE LUGS.
9. INSTALL IRREVERSIBLE COMPRESSION CONNECTOR WITH TAMPER-PROOF HARDWARE OR INSTALL EXOTHERMIC WELD.
10. INSTALL BONDING CONDUCTOR THAT IS SIZED BASED ON NEC TABLE 250.66 USING THE SIZE OF THE LARGEST SERVICE ENTRANCE CONDUCTOR OR EQUIVALENT AREA FOR PARALLEL CONDUCTORS.
11. INSTALL BONDING JUMBER THAT IS SIZED BASED ON NEC TABLE 250.66 USING THE SIZE OF THE LARGEST SERVICE ENTRANCE CONDUCTOR OR EQUIVALENT AREA FOR PARALLEL CONDUCTORS.
12. INSTALL 2/0 AWG STR. BARE TINNED COPPER GROUNDING ELECTRODE CONDUCTOR RING & (2) 5/8" x 8' LONG COPPERCLAD GROUND RODS IN ACCORDANCE WITH UTILITY CO. REQUIREMENTS
13. LIGHTNING PROTECTION COUNTERPOISE - 4/0 AWG COPPER.
14. BOND THE LIGHTNING PROTECTION SYSTEM GROUNDING COUNTERPOISE TO THE MAIN GROUND ELECTRODE GROUND BAR. USE 4/0 AWG COPPER CABLE WITH 600 VOLT INSULATION. AT THE UNDERGROUND CONNECTION USE A COMPRESSION CONNECTOR THAT MEETS IEEE 837 REQUIREMENTS OR USE AN EXOTHERMIC WELD

GENERAL NOTES

1. CONDUCTOR SIZES SHOWN ARE MINIMUM AND MAY BE LARGER THAN THE MINIMUM SIZES REQUIRED BY NEC.
2. INSTALL GROUNDING CONNECTIONS TO BUILDING STRUCTURE AND WATER PIPES AT LOCATIONS THAT ARE VISIBLE AND ACCESSIBLE FOR INSPECTION, MAINTENANCE, AND TESTING.
3. INSTALL AN INSULATED THROAT GROUNDING BUSHING ON EACH METALLIC SERVICE ENTRANCE CONDUIT. BOND TO GROUND BUS USING CONDUCTOR THAT IS SIZED BASED ON NEC TABLE 250.66 USING THE SERVICE PHASE CONDUCTOR SIZE.
4. INSTALL AN INSULATED THROAT GROUNDING BUSHING ON EACH METALLIC FEEDER CONDUIT. BOND TO GROUND BUS USING CONDUCTOR THAT IS SIZED BASED ON NEC TABLE 250.122 USING THE FEEDER CIRCUIT OVERCURRENT DEVICE SIZE.

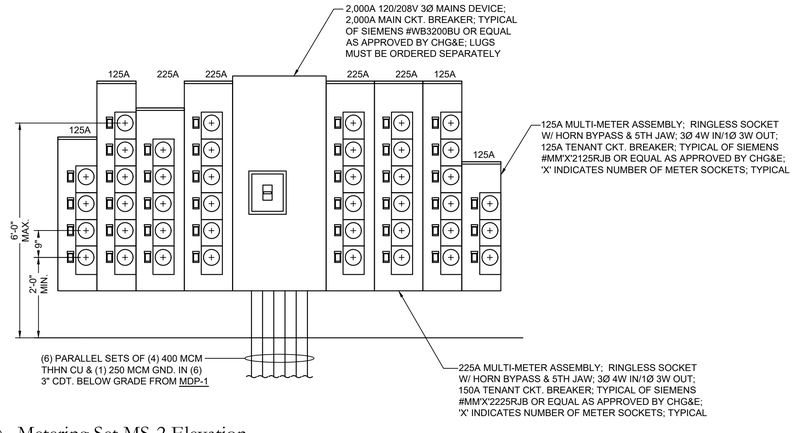
NOTES:
1. UNIT TYPE A, E & F ARE TO BE FED FROM 125A METER SECTIONS W/ 125A/3P TENANT BREAKER
2. UNIT TYPES B, C & D ARE TO BE FED FROM 225A METER SECTIONS W/ 150A/3P TENANT BREAKER



2 / E.103 Metering Set MS-1 Elevation

Scale: None

NOTES:
1. UNIT TYPE A, E & F ARE TO BE FED FROM 125A METER SECTIONS W/ 125A/3P TENANT BREAKER
2. UNIT TYPES B, C & D ARE TO BE FED FROM 225A METER SECTIONS W/ 150A/3P TENANT BREAKER



3 / E.103 Metering Set MS-2 Elevation

Scale: None

NOTES

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
GROUNDING DETAIL & METER SET ELEVATIONS

SEAL
STATE OF NEW YORK · MATTHEW GEORGE BLAKE · LICENSED PROFESSIONAL ENGINEER · 089039

DRAWN BY	PROJECT NUMBER
MB	18105
CHECKED BY	DATE
MB	11–12–21

DRAWING NUMBER
E.103

AVERAGE APARTMENT UNIT SIZE: 900 SQUARE FEET

NUMBER OF APARTMENT UNITS: 84 UNITS

STEP1: GENERAL LIGHTING, RECEPTACLE, SMALL APPLIANCE & LAUNDRY LOAD (NEC 220.11)

- GENERAL LIGHTING & RECEPTACLES: (900 SF x 3 VA) = 2,700 VA
- SMALL APPLIANCE CIRCUITS: 3,000 VA
- LAUNDRY CIRCUIT: 1,500 VA
- TOTAL CONNECTED LOAD FOR ONE UNIT: (2,700 VA + 3,000 VA + 1,500 VA) = 7,200 VA
- DEMAND FACTOR PER NEC TABLE 220.11:
  - 7,200 VA x 84 UNITS = 604,800 VA

○	FIRST 3,000 VA @ 100%:	3,000 VA x 1.00 =	3,000 VA
○	NEXT 117,000 VA @ 35%	117,000 VA x 0.35 =	40,950 VA
○	REMAINDER @ 25%:	484,800 VA x 0.25 =	121,200 VA
○	**TOTAL DEMAND LOAD =**		**165,150 VA**

STEP 2: AIR-CONDITIONING/HEATING LOAD (NEC 220.15)

- CONNECTED LOAD OF MINI-SPLIT HEAT PUMP PER UNIT: 5,560 VA
- **TOTAL CONNECTED LOAD: 5,560 VA x 84 UNITS = 467,040 VA**

STEP 3: APPLIANCE DEMAND LOAD (NEC 220.17)

- DISHWASHER: 1,200 VA
- WATER HEATER: 4,500 VA
- **TOTAL DEMAND LOAD: 5,700 VA x 84 UNITS x 0.75 = 359,100 VA**

STEP 4: CLOTHES DRYER LOAD (NEC 220.18)

- CONNECTED LOAD = 4,500 VA x 84 UNITS = 378,000 VA
- DEMAND FACTOR % = 25%
- **DEMAND LOAD = 378,000 VA x 0.25 = 94,500 VA**

STEP 5: COOKING EQUIPMENT LOADS (NEC 220.19)

- RANGE SIZE USED FOR CALCULATIONS: 8,000 VA
- CONNECTED LOAD = 8,000 VA x 84 UNITS = 672,000 VA
- DEMAND FACTOR FROM COLUMN B = 16%
- **DEMAND LOAD = 672,000 VA x 0.26 = 107,520 VA**

STEP 6: TOTAL APARTMENT UNIT DEMAND

- **TOTAL DEMAND LOAD = 165,150 VA + 467,040 VA + 359,100 VA + 94,500 VA + 107,520 VA = 1,193,310 VA**

STEP 7: HOUSE LOADS

- LIGHTING & RECEPTACLES CONNECTED LOADS: 12,600 VA
- HVAC CONNECTED LOADS: 20,420 VA
- WATER HEATER CONNECTED LOADS: 4,500 VA
- ELEVATOR DIVERSIFIED LOAD: 5,350 VA
- **TOTAL HOUSE LOADS = 12,600 VA + 20,420 VA + 4,500 VA + 5,350 VA = 42,870 VA**

TOTAL DEMAND LOADS:

- **1,193,310 VA + 42,870 VA = 1,236,180 VA**
- **RESULTING CURRENT = 1,236,180 VA / (208V x 1.732) = 3,431.4 AMPS @ 208V 3-PH**
- **RECOMMENDED SERVICE SIZE: 4,000 AMPS @ 208V 3-PH**

1 / E.103 Electric Service Load Calculations

Scale: None

Southwire Voltage Drop Calculator

Monday, August 30, 2021 16:37:53

Inputs

User Mode	Commercial 75° C
Current Type	AC
Units for Length	Feet
Phase	three
Conductor	copper
Installation	Cable, Conduit (non-Steel), & Direct Burial
Length of Cable Run	175 Feet
Voltage	208 Volts
Max Voltage Drop	3 %
Current at end of Cable Run	4000 Amps
Power Factor	0.9

Results for Minimum Conductor Size

12 conductors per phase (12 parallels) utilizing a 400 KCMIL Copper conductor Cable, Conduit (non-Steel), & Direct Burial will limit the voltage drop to 2.25% or less when supplying 4000 amps for 175.00 feet on a 208 volt three phase system.

Engineering Information

335	Amps rated ampacity of selected conductor (at 75°C)
0.0321	Ohms Resistance (Ohms per 1000 feet)
0.0400	Ohms Reactance (Ohms per 1000 feet)
0.9	Power Factor
6.2	Maximum allowable voltage drop at 3
4.681	Actual voltage drop loss at 2.25% for the circuit

This voltage drop calculator is applicable only to NEC applications and is designed for applications using AWG and KCMIL sizes only. It does not optimize conductor sizes for several different loads at various points in a circuit. The total combined load and length of the circuit must be used. Consult with an engineer if your application does not fit into one of the following categories and/or requires more complex engineering calculations.

**Note to User:
COMMERCIAL MODE CALCULATIONS: All ampacity values are taken from NEC 310.15. The conductor characteristics are taker from Chapter 9, Tables 8 & 9 of the NEC. No calculations consider temperature correction factors or conductor de-rating for number of current-carrying conductors in a raceway. These calculations are not optimized for medium voltage or high voltage installations (2400 Volts or more). These calculations do not apply to flexible cords.

2 / E.103 Service Feeder Sizing

Scale: None

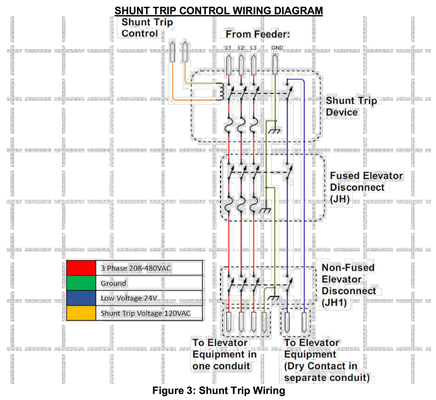


Figure 3: Shunt Trip Wiring

3 / E.103 Elevator Shunt Trip Wiring

Scale: None

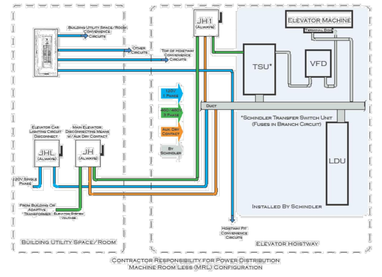


Figure 5.
See Layouts for exact location of equipment in Overhead and pit.

4 / E.103 Elevator Power Detail

Scale: None

NOTES

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DRAWING
ELECTRIC DETAILS & CALCULATIONS

SEAL
STATE OF NEW YORK
MATTHEW GEORGE BLAKE
089039
LICENSED PROFESSIONAL ENGINEER

DRAWN BY	PROJECT NUMBER
MB	18105
CHECKED BY	DATE
MB	11-12-21

DRAWING NUMBER
E.104

120/208V 3Ø 4W+G, 65kAIC — BUS RATING: 600A — 600A MCB

CONNECTED LOAD	CONDUCTORS	CKT. BREAKER AMPACITY	POSITION	L1 KVA	L2 KVA	L3 KVA	POSITION	CKT. BREAKER AMPACITY	CONDUCTORS	CONNECTED LOAD
SUB-PANEL HP-1B	(4) #4/0 CU & (1) #4 GND.	225	1	26.46 / 1.50			2	20	(2) #12 CU & (1) #12 GND.	ELEC. HEATER
			3		22.63 / 1.50		4			
			5			22.76 / 1.50	6	20	(2) #12 CU & (1) #12 GND.	ELEC. HEATER
SUB-PANEL HP-2	(4) #8 CU & (1) #10 GND.	40	7	3.40 / 1.50			8			
			9		3.65 / 1.50		10	20	(2) #12 CU & (1) #12 GND.	ELEC. HEATER
			11			3.25 / 1.50	12			
SUB-PANEL HP-3	(4) #4/0 CU & (1) #4 GND.	225	13	23.81 / 1.10			14	20	(2) #12 CU & (1) #12 GND.	FIRE ALARM PANEL
			15		22.81 / 0.70		16	20	(2) #10 CU & (1) #10 GND.	SEWER LIFT STATION
			17			23.02 / 0.70	18			
CEILING CASSETTES	(2) #12 CU & (1) #12 GND.	15	19	0.35 / 1.00			20	20	(2) #12 CU & (1) #12 GND.	RECEPTACLES
			21		0.35 / 1.00		22	20	(2) #12 CU & (1) #12 GND.	RECEPTACLES
RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	23			1.00 / 1.00	24	20	(2) #12 CU & (1) #12 GND.	RECEPTACLES
RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	25	1.00 / 1.00			26	20	(2) #12 CU & (1) #12 GND.	RECEPTACLES
RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	27		1.00 / 1.00		28	20	(2) #12 CU & (1) #12 GND.	RECEPTACLES
RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	29			1.00 / 1.00	30	20	(2) #12 CU & (1) #12 GND.	RECEPTACLES
LIGHTING	(2) #12 CU & (1) #12 GND.	20	31	1.00 / 1.00			32	20	(2) #12 CU & (1) #12 GND.	LIGHTING
LIGHTING	(2) #12 CU & (1) #12 GND.	20	33		1.00 / 1.00		34	20	(2) #12 CU & (1) #12 GND.	LIGHTING
LIGHTING	(2) #12 CU & (1) #12 GND.	20	35			1.00 / 1.00	36	20	(2) #12 CU & (1) #12 GND.	LIGHTING
SPARE	-	20	37	- / -			38	20	-	SPARE
SPARE	-	20	39		- / -		40	20	-	SPARE
SPARE	-	20	41			- / -	42	20	-	SPARE
SQUARE 'D' I-LINE PANELBOARD				63.12	58.14	58.73	179.99 kVA TOTAL			

1 / E.105 House Panel HP-1A
Scale: None

120/208V 3Ø 4W+G, 42kAIC — BUS RATING: 225A — MAIN LUGS ONLY

CONNECTED LOAD	CONDUCTORS	CKT. BREAKER AMPACITY	POSITION	L1 KVA	L2 KVA	L3 KVA	POSITION	CKT. BREAKER AMPACITY	CONDUCTORS	CONNECTED LOAD
ELEVATOR #1 (SHUNT TRIP)	(3) #4 CU & (1) #10 GND.	60	1	5.00 / 5.00			2			
			3		5.00 / 5.00		4	60	(3) #4 CU & (1) #10 GND.	ELEVATOR #2 (SHUNT TRIP)
			5			5.00 / 5.00	6			
ELEV. #1 CAB POWER	(2) #12 CU & (1) #12 GND.	20	7	1.00 / 1.00			8	20	(2) #12 CU & (1) #12 GND.	ELEV. #1 CAB PWR.
ELEV. #1 SUMP PUMP	(2) #12 CU & (1) #12 GND.	20	9		0.90 / 0.90		10	20	(2) #12 CU & (1) #12 GND.	ELEV. #1 SUMP PUMP
CEILING CASSSETTES	(2) #12 CU & (1) #12 GND.	15	11			0.25 / 1.60	12	20	(2) #12 CU & (1) #12 GND.	POOL PUMP
			13	0.25 / 1.60			14			
RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	15		0.80 / 0.36		16	15	(2) #12 CU & (1) #12 GND.	POOL HEATER
RTU-1	(3) #6 CU & (1) #10 GND.	50	17			3.53 / 0.10	18	15	(2) #12 CU & (1) #12 GND.	POOL LEVEL CONTROL
			19	3.53 / 0.90			20	20	(2) #12 CU & (1) #12 GND.	POOL SUMP PUMP
			21		3.53 / 0.30		22	20	(2) #12 CU & (1) #12 GND.	CHEMICAL PUMPS
DU-1	(3) #12 CU & (1) #12 GND.	20	23			1.34 / 0.34	24	15	(2) #12 CU & (1) #12 GND.	CU-1
			25	1.34 / 0.34			26			
			27		1.34 / -		28	20	-	SPARE
DUCT FURNACE	(2) #12 CU & (1) #12 GND.	20	29			0.60 / 1.00	30	20	(2) #12 CU & (1) #12 GND.	RECEPTACLES
ELEC. HEATER	(2) #12 CU & (1) #12 GND.	20	31	1.50 / 1.00			32	20	(2) #12 CU & (1) #12 GND.	RECEPTACLES
			33		1.50 / 1.00		34	20	(2) #12 CU & (1) #12 GND.	RECEPTACLES
RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	35			1.00 / 1.00	36	20	(2) #12 CU & (1) #12 GND.	RECEPTACLES
RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	37	1.00 / 1.00			38	20	(2) #12 CU & (1) #12 GND.	RECEPTACLES
RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	39		1.00 / 1.00		40	20	(2) #12 CU & (1) #12 GND.	RECEPTACLES
RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	41			1.00 / 1.00	42	20	(2) #12 CU & (1) #12 GND.	RECEPTACLES
RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	43	1.00 / 1.00			44	20	(2) #12 CU & (1) #12 GND.	RECEPTACLES
DRINKING FOUNTAIN	(2) #12 CU & (1) #12 GND.	15	45		0.60 / 2.05		46	25	(2) #10 CU & (1) #10 GND.	TANKLESS WATER HTR.
EXHAUST FAN	(2) #12 CU & (1) #12 GND.	15	47			0.30 / 2.05	48			
SPARE	-	20	49	- / -			50	20	-	SPARE
SPARE	-	20	51		- / -		52	20	-	SPARE
SPARE	-	20	53			- / -	54	20	-	SPARE
SQUARE 'D' NQ PANELBOARD				26.46	22.63	22.76	71.85 kVA TOTAL			

2 / E.105 House Panel HP-1B
Scale: None

120/208V 3Ø 4W+G, 10kAIC — BUS RATING: 100A — MAIN LUGS ONLY

CONNECTED LOAD	CONDUCTORS	CKT. BREAKER AMPACITY	POSITION	L1 KVA	L2 KVA	L3 KVA	POSITION	CKT. BREAKER AMPACITY	CONDUCTORS	CONNECTED LOAD
CEILING CASSETTES	(2) #12 CU & (1) #12 GND.	15	1	0.15 / 1.00			2	20	(2) #12 CU & (1) #12 GND.	RECEPTACLES
			3		0.15 / 1.00		4	20	(2) #12 CU & (1) #12 GND.	RECEPTACLES
RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	5			1.00 / 1.00	6	20	(2) #12 CU & (1) #12 GND.	RECEPTACLES
RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	7	1.00 / 1.25			8	20	(2) #12 CU & (1) #12 GND.	LIGHTING
LIGHTING	(2) #12 CU & (1) #12 GND.	20	9		1.25 / 1.25		10	20	(2) #12 CU & (1) #12 GND.	LIGHTING
LIGHTING	(2) #12 CU & (1) #12 GND.	20	11			1.25 / -	12	20	-	SPARE
SPARE	-	20	13	- / -			14	20	-	SPARE
SPARE	-	20	15		- / -		16	20	-	SPARE
SPARE	-	20	17			- / -	18	20	-	SPARE
SPARE	-	20	19	- / -			20	20	-	SPARE
SPARE	-	20	21		- / -		22	20	-	SPARE
SPARE	-	20	23			- / -	24	20	-	SPARE
SPARE	-	20	25	- / -			26	20	-	SPARE
SPARE	-	20	27		- / -		28	20	-	SPARE
SPARE	-	20	29			- / -	30	20	-	SPARE
SPARE	-	20	31	- / -			32	20	-	SPARE
SPARE	-	20	33		- / -		34	20	-	SPARE
SPARE	-	20	35			- / -	36	20	-	SPARE
-	-	-	37	- / -			38	-	-	-
-	-	-	39		- / -		40	-	-	-
-	-	-	41			- / -	42	-	-	-
SQUARE 'D' NQ PANELBOARD				3.40	3.65	3.25	10.30 kVA TOTAL			

3 / E.105 House Panel HP-2
Scale: None

120/208V 3Ø 4W+G, 42kAIC — BUS RATING: 225A — MAIN LUGS ONLY

CONNECTED LOAD	CONDUCTORS	CKT. BREAKER AMPACITY	POSITION	L1 KVA	L2 KVA	L3 KVA	POSITION	CKT. BREAKER AMPACITY	CONDUCTORS	CONNECTED LOAD
CEILING CASSETTES	(2) #12 CU & (1) #12 GND.	15	1	0.15 / 1.17			2			
			3		0.15 / 1.17		4	15	(3) #12 CU & (1) #12 GND.	DUCT HEATER
ROOF RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	5			0.36 / 1.17	6			
HP-1	(3) #3 CU & (1) #8 GND.	80	7	6.72 / 1.17			8			
			9		6.72 / 1.17		10	15	(3) #12 CU & (1) #12 GND.	DUCT HEATER
			11			6.72 / 1.17	12			
HP-2	(3) #4 CU & (1) #10 GND.	60	13	4.80 / 0.50			14			
			15		4.80 / 0.50		16	15	(3) #12 CU & (1) #12 GND.	ERV-1
			17			4.80 / 0.50	18			
HP-2	(3) #4 CU & (1) #10 GND.	60	19	4.80 / 0.50			20			
			21		4.80 / 0.50		22	15	(3) #12 CU & (1) #12 GND.	ERV-2
			23			4.80 / 0.50	24			
RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	25	1.00 / 1.00			26	20	(2) #12 CU & (1) #12 GND.	RECEPTACLES
RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	27		1.00 / 1.00		28	20	(2) #12 CU & (1) #12 GND.	RECEPTACLES
RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	29			1.00 / 1.00	30	20	(2) #12 CU & (1) #12 GND.	RECEPTACLES
RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	31	1.00 / 1.00			32	20	(2) #12 CU & (1) #12 GND.	LIGHTING
SPARE	-	20	33		- / 1.00		34	20	(2) #12 CU & (1) #12 GND.	LIGHTING
SPARE	-	20	35			- / 1.00	36	20	(2) #12 CU & (1) #12 GND.	LIGHTING
-	-	-	37	- / -			38	-	-	-
-	-	-	39		- / -		40	-	-	-
-	-	-	41			- / -	42	-	-	-
SQUARE 'D' NQ PANELBOARD				23.81	22.81	23.02	69.64 kVA TOTAL			

4 / E.105 House Panel HP-3
Scale: None

NOTES

No.	REVISION/SUBMISSION	DATE

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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
ELECTRIC PANEL SCHEDULES (1 of 2)

SEAL
STATE OF NEW YORK · MATTHEW GEORGE BLAKE · 089039 · LICENSED PROFESSIONAL ENGINEER

DRAWN BY	PROJECT NUMBER
MB	18105
CHECKED BY	DATE
MB	11–12–21

DRAWING NUMBER
E.105

120/208V 1Ø 3W+G, 22kAIC — BUS RATING: 125A — MLO

CONNECTED LOAD	CONDUCTORS	CKT. BREAKER AMPACITY	POSITION	L1 KVA	L2 KVA	POSITION	CKT. BREAKER AMPACITY	CONDUCTORS	CONNECTED LOAD
TELECOM RECEPTACLE	(2) #12 CU & (1) #12 GND.	20	1	0.3 / 0.4		2	20	(2) #12 CU & (1) #12 GND.	REFRIGERATOR
KITCHEN RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	3		1.0 / 0.5	4	20	(2) #12 CU & (1) #12 GND.	KITCHEN RECEPTACLES
MICROWAVE/HOOD	(2) #12 CU & (1) #12 GND.	20	5	1.0 / 0.4		6	20	(2) #12 CU & (1) #12 GND.	FIRE ALARMS
DISHWASHER	(2) #12 CU & (1) #12 GND.	20	7		1.2 / 0.5	8	20	(2) #12 CU & (1) #12 GND.	WASH. MACHINE
RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	9	0.5 / 0.5		10	20	(2) #12 CU & (1) #12 GND.	RECEPTACLES
RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	11		1.2 / 0.4	12	20	(2) #12 CU & (1) #12 GND.	LIGHTING
LIGHTING	(2) #12 CU & (1) #12 GND.	20	13	0.4 / 0.5		14	20	(2) #12 CU & (1) #12 GND.	GFCI RECEPTACLE
WATER HEATER	(2) #8 CU & (1) #10 GND.	35	15		2.7 / 2.7	16	35	(2) #8 CU & (1) #10 GND.	HVAC
			17	2.7 / 2.7		18			
RANGE	(3) #6 CU & (1) #10 GND.	50	19		4.0 / 0.9	20	30	(3) #10 CU & (1) #10 GND.	ELEC. DRYER
			21	4.0 / 0.9		22			
-	-	-	23	- / -		24	-	-	-
-	-	-	25	- / -		26	-	-	-
-	-	-	27	- / -		28	-	-	-
-	-	-	29	- / -		30	-	-	-
SQUARE D 'QO' LOAD CENTER; FURNISH W/ GROUND BUS				14.3	15.1	29.4 kVA TOTAL			

1 E.106 Typical Apartment Type 'A' Load Center
Scale: None

120/208V 1Ø 3W+G, 22kAIC — BUS RATING: 150A — MLO

CONNECTED LOAD	CONDUCTORS	CKT. BREAKER AMPACITY	POSITION	L1 KVA	L2 KVA	POSITION	CKT. BREAKER AMPACITY	CONDUCTORS	CONNECTED LOAD
TELECOM RECEPTACLE	(2) #12 CU & (1) #12 GND.	20	1	0.3 / 0.4		2	20	(2) #12 CU & (1) #12 GND.	REFRIGERATOR
KITCHEN RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	3		1.0 / 0.5	4	20	(2) #12 CU & (1) #12 GND.	KITCHEN RECEPTACLES
MICROWAVE/HOOD	(2) #12 CU & (1) #12 GND.	20	5	1.0 / 0.4		6	20	(2) #12 CU & (1) #12 GND.	FIRE ALARMS
DISHWASHER	(2) #12 CU & (1) #12 GND.	20	7		1.2 / 0.5	8	20	(2) #12 CU & (1) #12 GND.	WASH. MACHINE
RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	9	0.5 / 0.5		10	20	(2) #12 CU & (1) #12 GND.	RECEPTACLES
RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	11		1.2 / 0.4	12	20	(2) #12 CU & (1) #12 GND.	LIGHTING
LIGHTING	(2) #12 CU & (1) #12 GND.	20	13	0.4 / 0.5		14	20	(2) #12 CU & (1) #12 GND.	GFI RECEPTACLE
WATER HEATER	(2) #8 CU & (1) #10 GND.	35	15		2.7 / 4.0	16	50	(2) #6 CU & (1) #10 GND.	HVAC
			17	2.7 / 4.0		18			
RANGE	(3) #6 CU & (1) #10 GND.	50	19		4.0 / 0.9	20	30	(3) #10 CU & (1) #10 GND.	ELEC. DRYER
			21	4.0 / 0.9		22			
ELEC. BASEBOARD	(2) #12 CU & (1) #12 GND.	15	23		0.75 / 1.0	24	20	(2) #12 CU & (1) #12 GND.	GFI RECEPTACLE
-	-	-	25	- / -		26	-	-	-
-	-	-	27	- / -		28	-	-	-
-	-	-	29	- / -		30	-	-	-
SQUARE D 'QO' LOAD CENTER; FURNISH W/ GROUND BUS				15.6	18.1	33.7 kVA TOTAL			

3 E.106 Typical Apartment Type 'C' Load Center
Scale: None

120/208V 1Ø 3W+G, 22kAIC — BUS RATING: 125A — MLO

CONNECTED LOAD	CONDUCTORS	CKT. BREAKER AMPACITY	POSITION	L1 KVA	L2 KVA	POSITION	CKT. BREAKER AMPACITY	CONDUCTORS	CONNECTED LOAD
TELECOM RECEPTACLE	(2) #12 CU & (1) #12 GND.	20	1	0.3 / 0.4		2	20	(2) #12 CU & (1) #12 GND.	REFRIGERATOR
KITCHEN RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	3		1.0 / 0.5	4	20	(2) #12 CU & (1) #12 GND.	KITCHEN RECEPTACLES
MICROWAVE/HOOD	(2) #12 CU & (1) #12 GND.	20	5	1.0 / 0.4		6	20	(2) #12 CU & (1) #12 GND.	FIRE ALARMS
DISHWASHER	(2) #12 CU & (1) #12 GND.	20	7		1.2 / 0.5	8	20	(2) #12 CU & (1) #12 GND.	WASH. MACHINE
RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	9	0.5 / 0.5		10	20	(2) #12 CU & (1) #12 GND.	RECEPTACLES
RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	11		1.2 / 0.4	12	20	(2) #12 CU & (1) #12 GND.	LIGHTING
LIGHTING	(2) #12 CU & (1) #12 GND.	20	13	0.4 / 0.5		14	20	(2) #12 CU & (1) #12 GND.	GFCI RECEPTACLE
WATER HEATER	(2) #8 CU & (1) #10 GND.	35	15		2.7 / 2.0	16	30	(2) #10 CU & (1) #10 GND.	HVAC
			17	2.7 / 2.0		18			
RANGE	(3) #6 CU & (1) #10 GND.	50	19		4.0 / 0.9	20	30	(3) #10 CU & (1) #10 GND.	ELEC. DRYER
			21	4.0 / 0.9		22			
-	-	-	23	- / -		24	-	-	-
-	-	-	25	- / -		26	-	-	-
-	-	-	27	- / -		28	-	-	-
-	-	-	29	- / -		30	-	-	-
SQUARE D 'QO' LOAD CENTER; FURNISH W/ GROUND BUS				13.6	14.4	28.0 kVA TOTAL			

5 E.106 Typical Apartment Type 'E' Load Center
Scale: None

120/208V 1Ø 3W+G, 22kAIC — BUS RATING: 150A — MLO

CONNECTED LOAD	CONDUCTORS	CKT. BREAKER AMPACITY	POSITION	L1 KVA	L2 KVA	POSITION	CKT. BREAKER AMPACITY	CONDUCTORS	CONNECTED LOAD
TELECOM RECEPTACLE	(2) #12 CU & (1) #12 GND.	20	1	0.3 / 0.4		2	20	(2) #12 CU & (1) #12 GND.	REFRIGERATOR
KITCHEN RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	3		1.0 / 0.5	4	20	(2) #12 CU & (1) #12 GND.	KITCHEN RECEPTACLES
MICROWAVE/HOOD	(2) #12 CU & (1) #12 GND.	20	5	1.0 / 0.4		6	20	(2) #12 CU & (1) #12 GND.	FIRE ALARMS
DISHWASHER	(2) #12 CU & (1) #12 GND.	20	7		1.2 / 0.5	8	20	(2) #12 CU & (1) #12 GND.	WASH. MACHINE
RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	9	0.5 / 0.5		10	20	(2) #12 CU & (1) #12 GND.	RECEPTACLES
RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	11		1.2 / 0.4	12	20	(2) #12 CU & (1) #12 GND.	LIGHTING
LIGHTING	(2) #12 CU & (1) #12 GND.	20	13	0.4 / 0.5		14	20	(2) #12 CU & (1) #12 GND.	GFI RECEPTACLE
WATER HEATER	(2) #8 CU & (1) #10 GND.	35	15		2.7 / 4.0	16	50	(2) #6 CU & (1) #10 GND.	HVAC
			17	2.7 / 4.0		18			
RANGE	(3) #6 CU & (1) #10 GND.	50	19		4.0 / 0.9	20	30	(3) #10 CU & (1) #10 GND.	ELEC. DRYER
			21	4.0 / 0.9		22			
-	-	-	23	- / -		24	-	-	-
-	-	-	25	- / -		26	-	-	-
-	-	-	27	- / -		28	-	-	-
-	-	-	29	- / -		30	-	-	-
SQUARE D 'QO' LOAD CENTER; FURNISH W/ GROUND BUS				15.6	16.3	31.9 kVA TOTAL			

4 E.106 Typical Apartment Type 'D' Load Center
Scale: None

120/208V 1Ø 3W+G, 22kAIC — BUS RATING: 125A — MLO

CONNECTED LOAD	CONDUCTORS	CKT. BREAKER AMPACITY	POSITION	L1 KVA	L2 KVA	POSITION	CKT. BREAKER AMPACITY	CONDUCTORS	CONNECTED LOAD
TELECOM RECEPTACLE	(2) #12 CU & (1) #12 GND.	20	1	0.3 / 0.4		2	20	(2) #12 CU & (1) #12 GND.	REFRIGERATOR
KITCHEN RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	3		1.0 / 0.5	4	20	(2) #12 CU & (1) #12 GND.	KITCHEN RECEPTACLES
MICROWAVE/HOOD	(2) #12 CU & (1) #12 GND.	20	5	1.0 / 0.4		6	20	(2) #12 CU & (1) #12 GND.	FIRE ALARMS
DISHWASHER	(2) #12 CU & (1) #12 GND.	20	7		1.2 / 0.5	8	20	(2) #12 CU & (1) #12 GND.	WASH. MACHINE
RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	9	0.5 / 0.5		10	20	(2) #12 CU & (1) #12 GND.	RECEPTACLES
RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	11		1.2 / 0.4	12	20	(2) #12 CU & (1) #12 GND.	LIGHTING
LIGHTING	(2) #12 CU & (1) #12 GND.	20	13	0.4 / 0.5		14	20	(2) #12 CU & (1) #12 GND.	GFCI RECEPTACLE
WATER HEATER	(2) #8 CU & (1) #10 GND.	35	15		2.7 / 2.7	16	35	(2) #8 CU & (1) #10 GND.	HVAC
			17	2.7 / 2.7		18			
RANGE	(3) #6 CU & (1) #10 GND.	50	19		4.0 / 0.9	20	30	(3) #10 CU & (1) #10 GND.	ELEC. DRYER
			21	4.0 / 0.9		22			
-	-	-	23	- / -		24	-	-	-
-	-	-	25	- / -		26	-	-	-
-	-	-	27	- / -		28	-	-	-
-	-	-	29	- / -		30	-	-	-
SQUARE D 'QO' LOAD CENTER; FURNISH W/ GROUND BUS				14.3	15.1	29.4 kVA TOTAL			

6 E.106 Typical Apartment Type 'F' Load Center
Scale: None

NOTES

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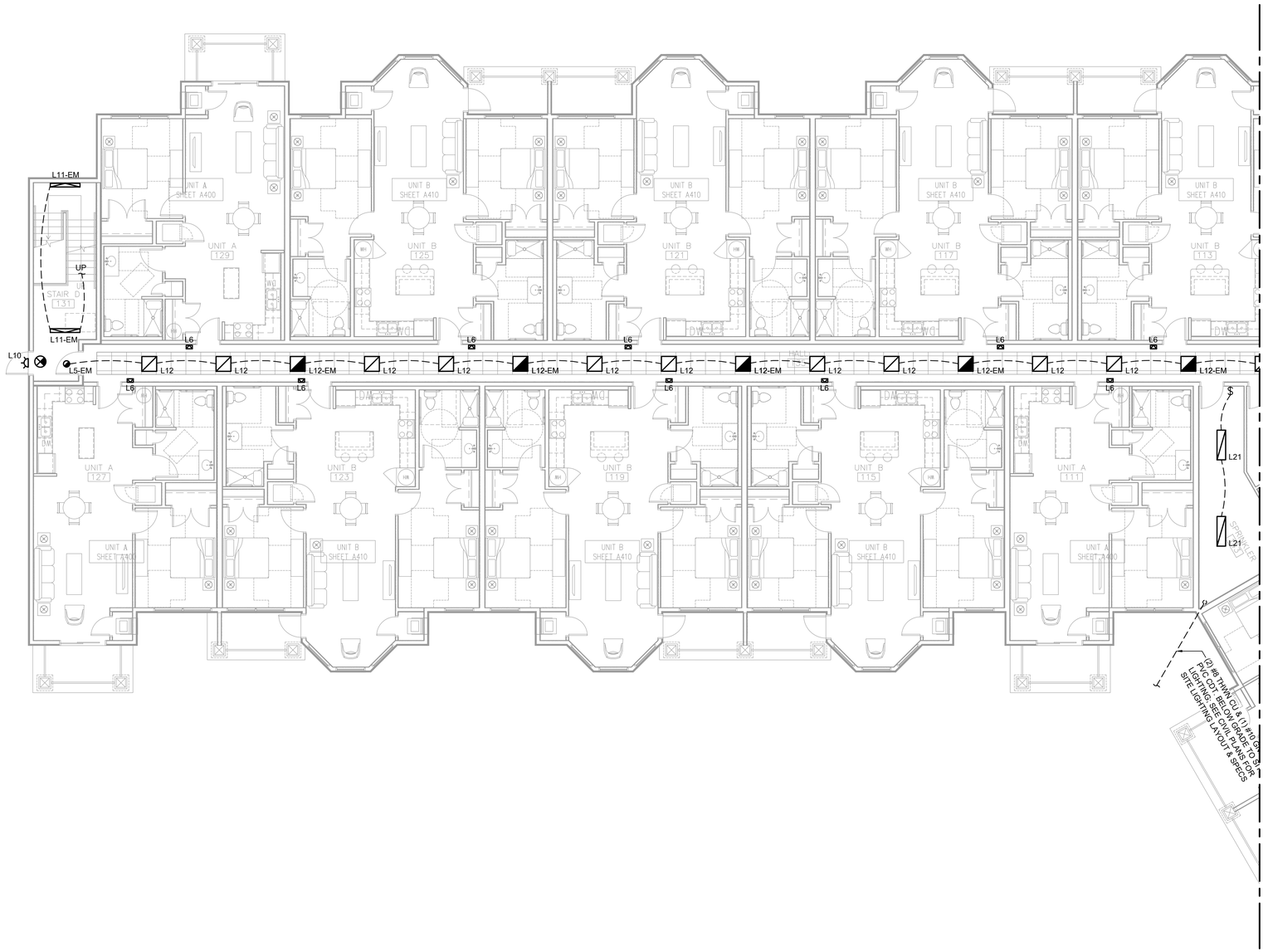
PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
ELECTRIC PANEL SCHEDULES (2 of 2)

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MB	18105
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E.106



1 / E.201 Partial First Floor Lighting Plan - Left Section

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

PROJECT NORTH

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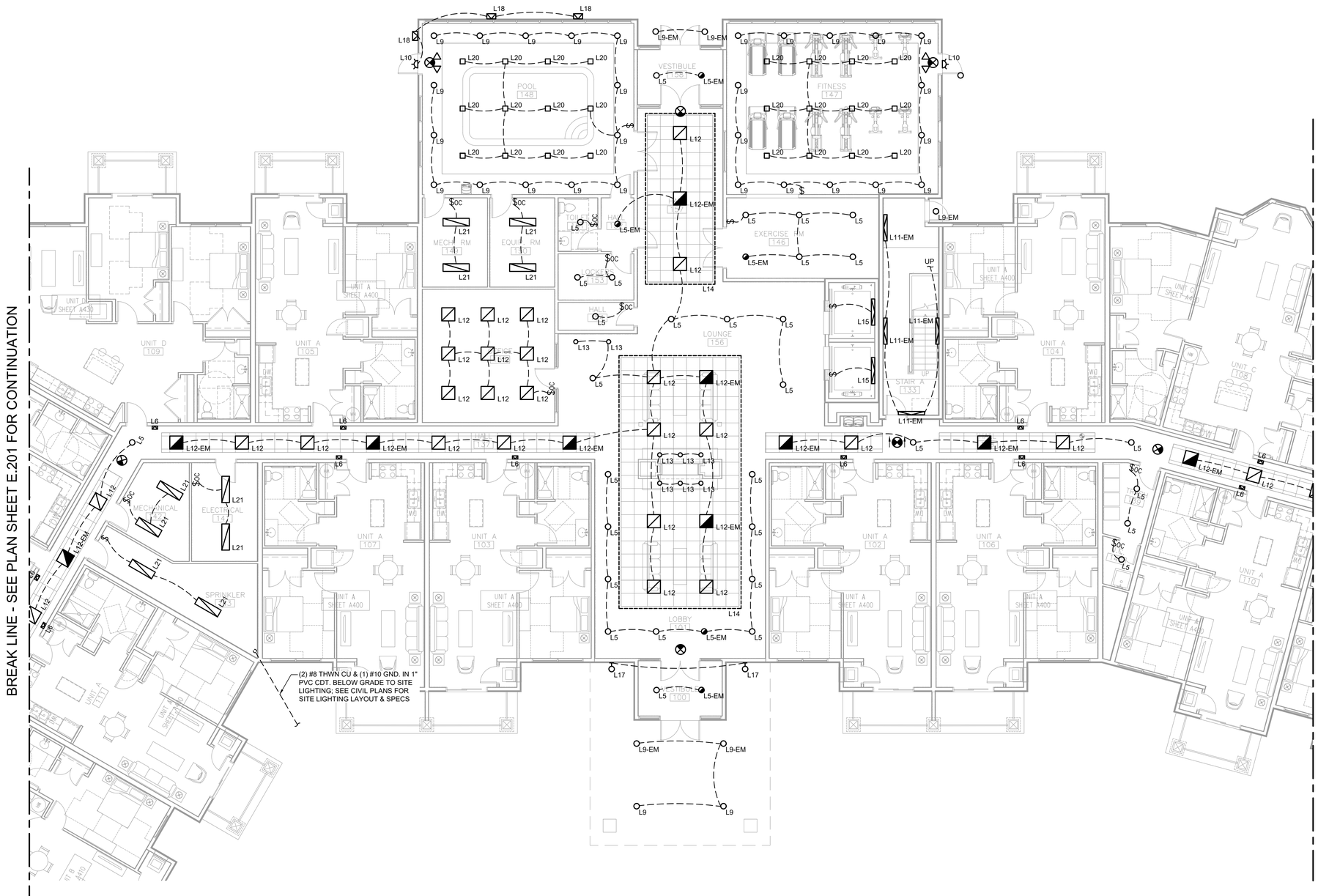
PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
PARTIAL FIRST FLOOR LIGHTING PLAN - LEFT SECTION

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1 / E.202 Partial First Floor Lighting Plan - Center Section

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

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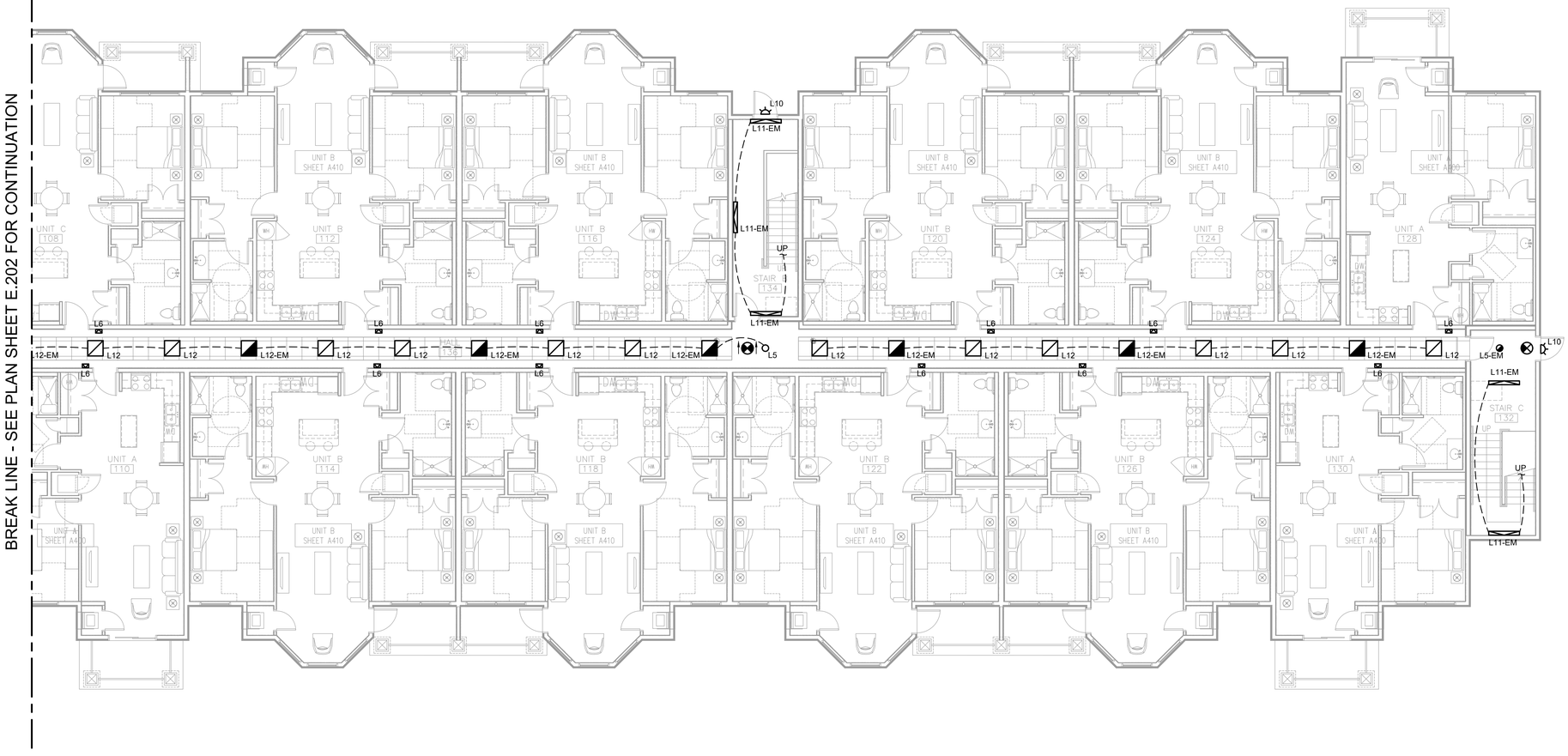
PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
PARTIAL FIRST FLOOR LIGHTING PLAN - CENTER SECTION

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MB	18105
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E.202



1 / E.203 Partial First Floor Lighting Plan - Right Section

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

PROJECT NORTH

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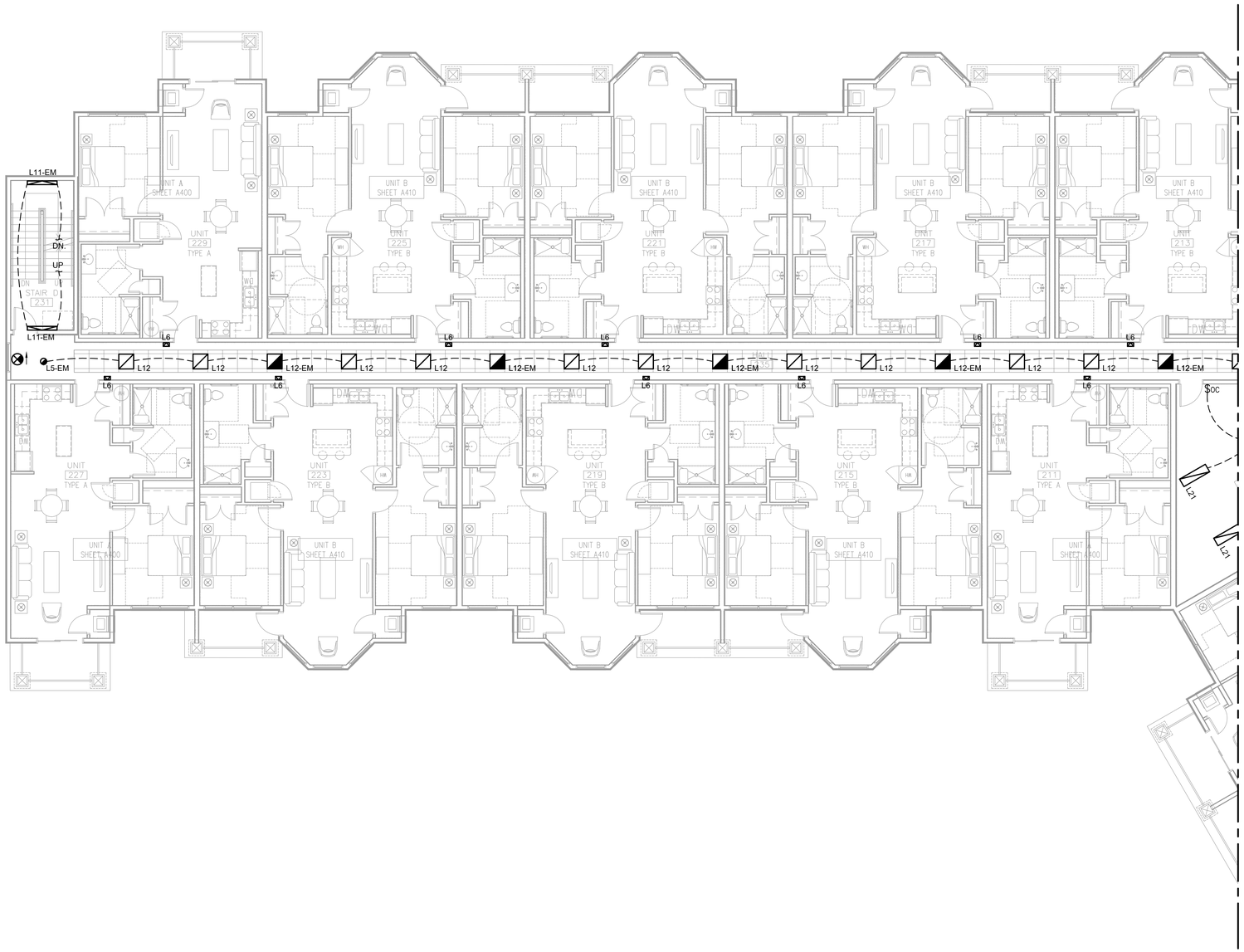
PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
PARTIAL FIRST FLOOR LIGHTING PLAN - RIGHT SECTION

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E.203



1 / E.204 Partial Second Floor Lighting Plan - Left Section

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

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PROJECT
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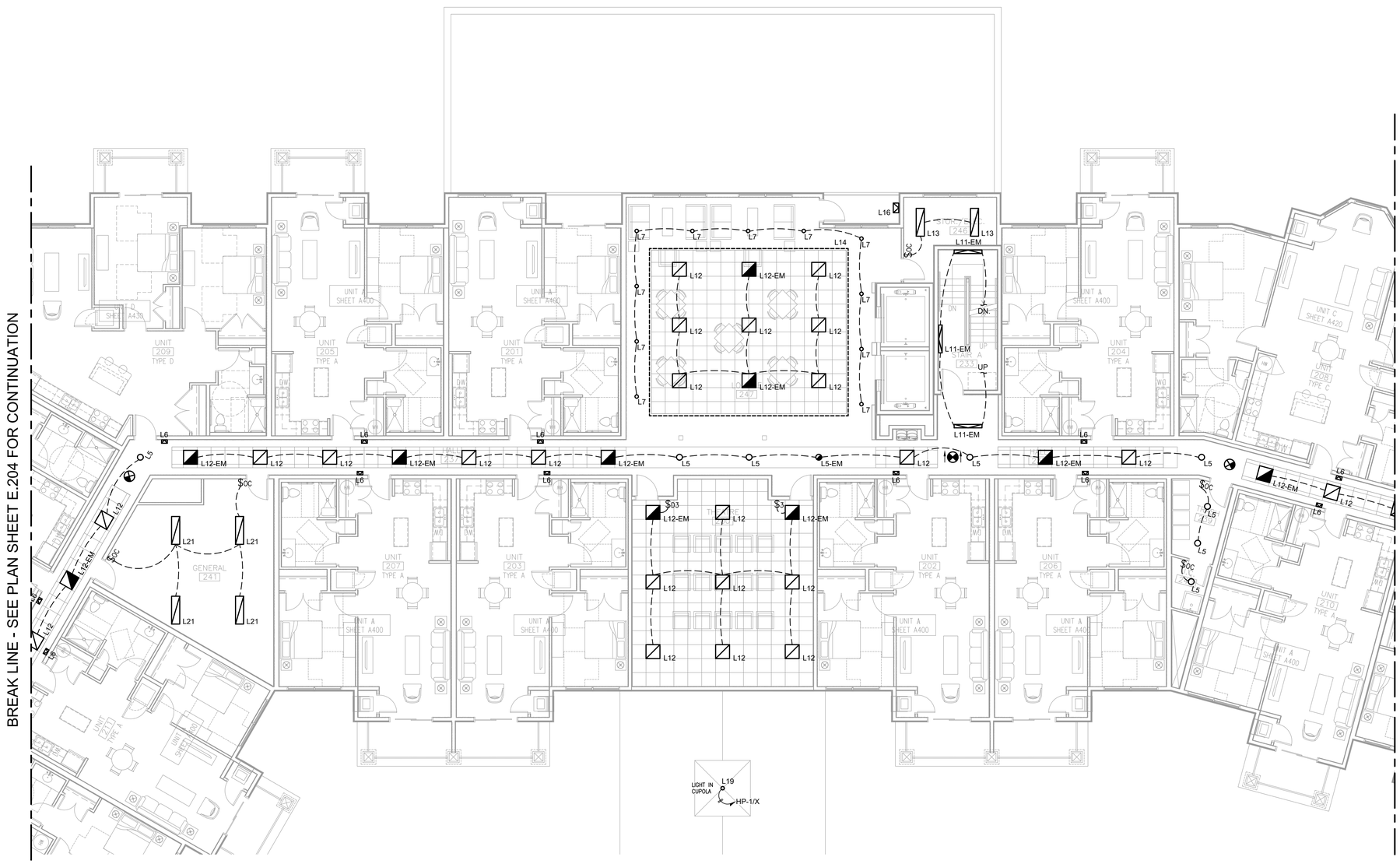
DRAWING
PARTIAL SECOND FLOOR LIGHTING PLAN - LEFT SECTION

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E.204

FILE



1 E.205 Partial Second Floor Lighting Plan - Center Section

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

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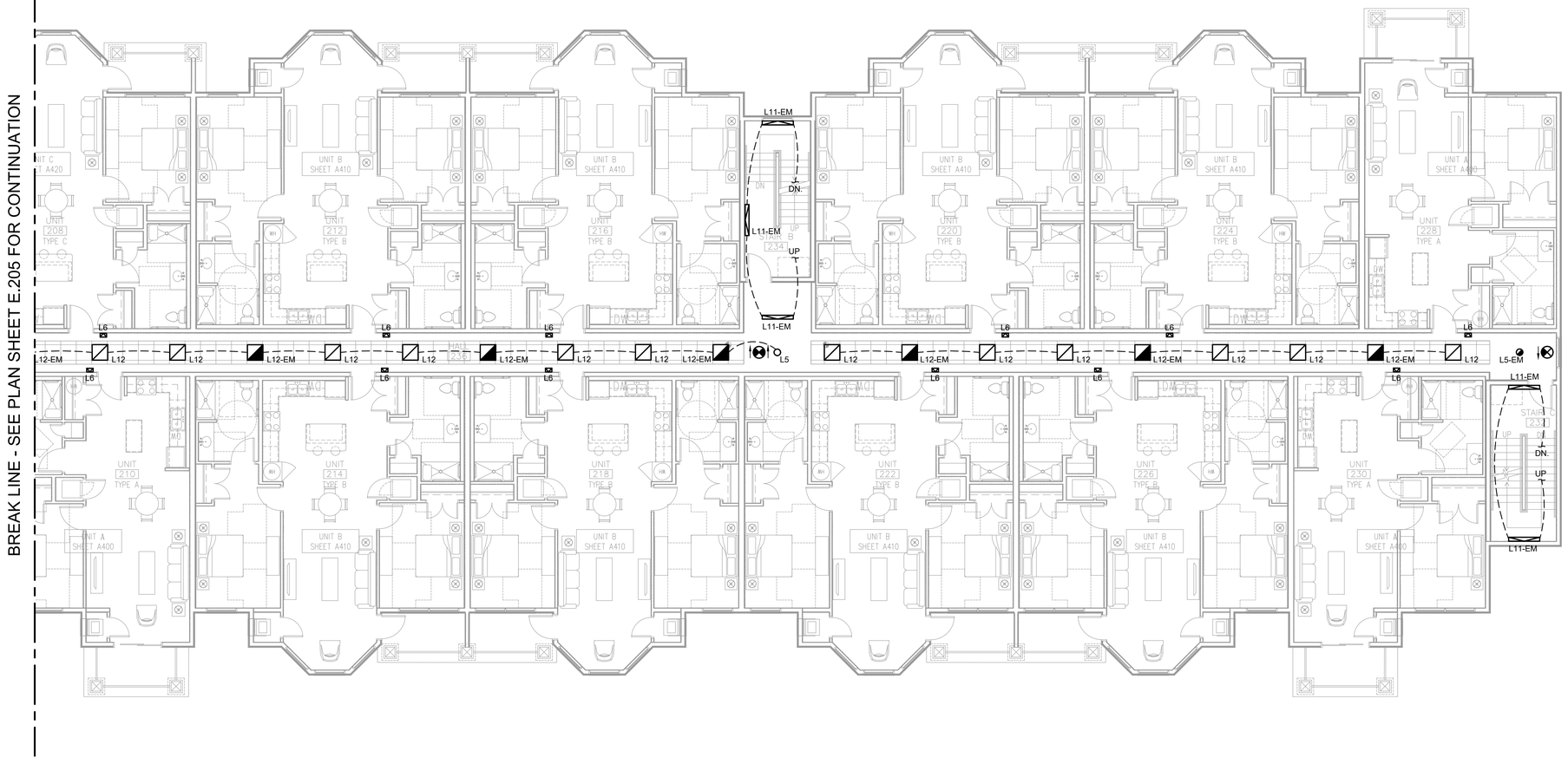
PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
PARTIAL SECOND FLOOR LIGHTING PLAN - CENTER SECTION

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E.205



1 / E.206 Partial Second Floor Lighting Plan - Right Section

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

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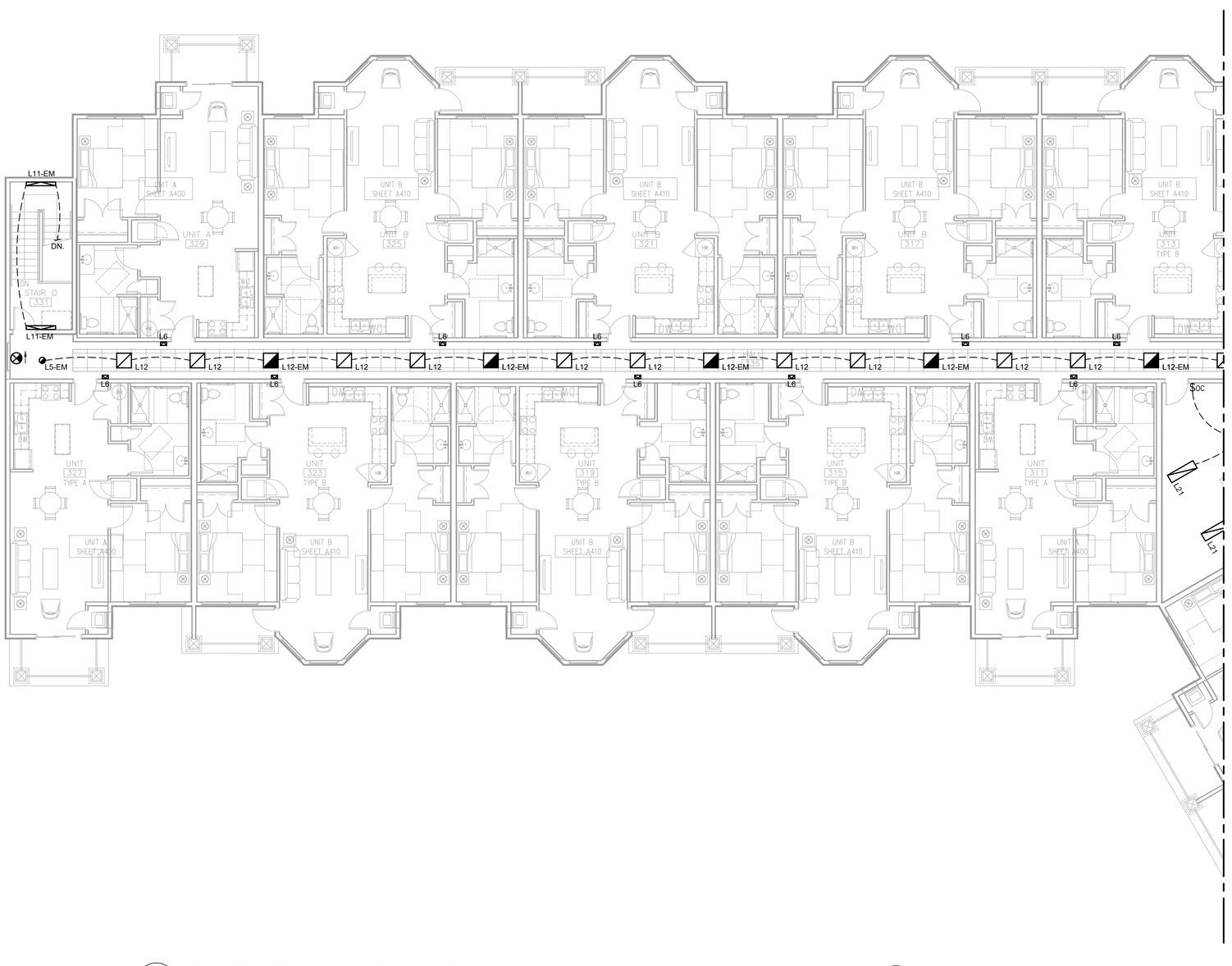
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DRAWING
PARTIAL SECOND FLOOR LIGHTING PLAN - RIGHT SECTION

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E.206



1 / E.207 Partial Third Floor Lighting Plan - Left Section

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

PROJECT NORTH

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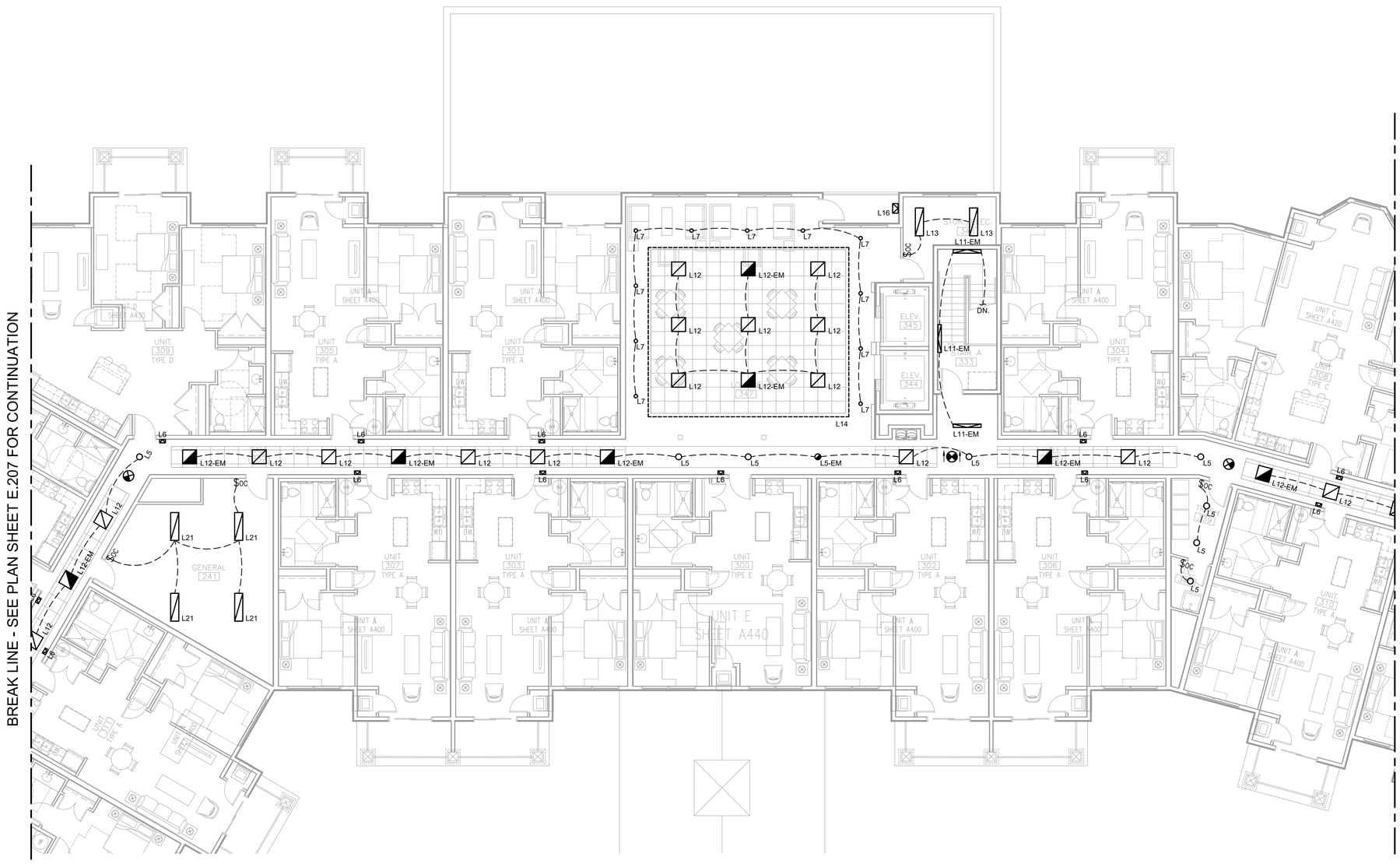
PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
PARTIAL THIRD FLOOR LIGHTING PLAN - LEFT SECTION

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1 E.208 Partial Third Floor Lighting Plan - Center Section

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

PROJECT NORTH

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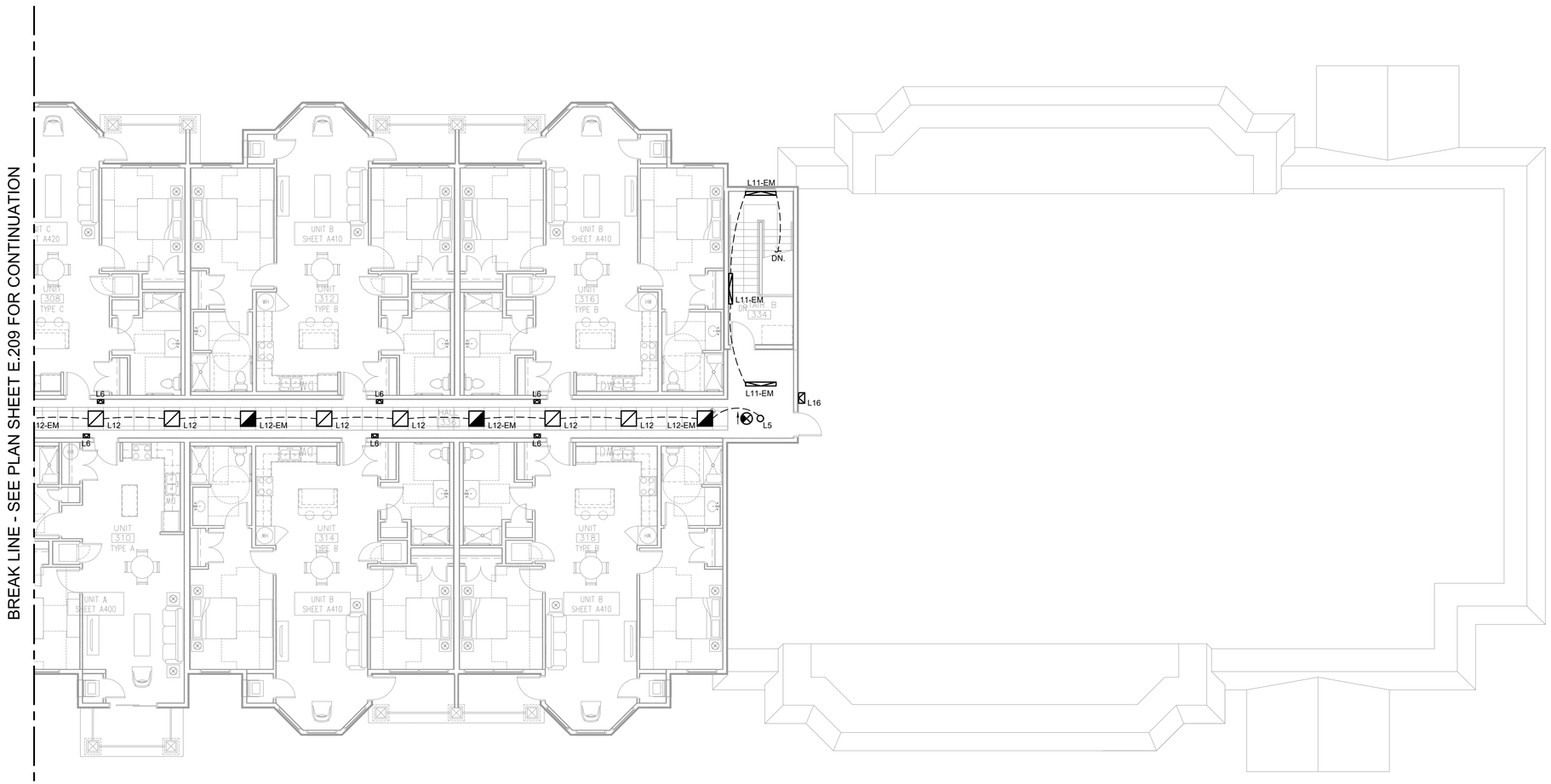
PROJECT
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672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
PARTIAL THIRD FLOOR LIGHTING PLAN - CENTER SECTION

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E.208



1 / E.209 Partial Third Floor Lighting Plan - Right Section

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

PROJECT NORTH

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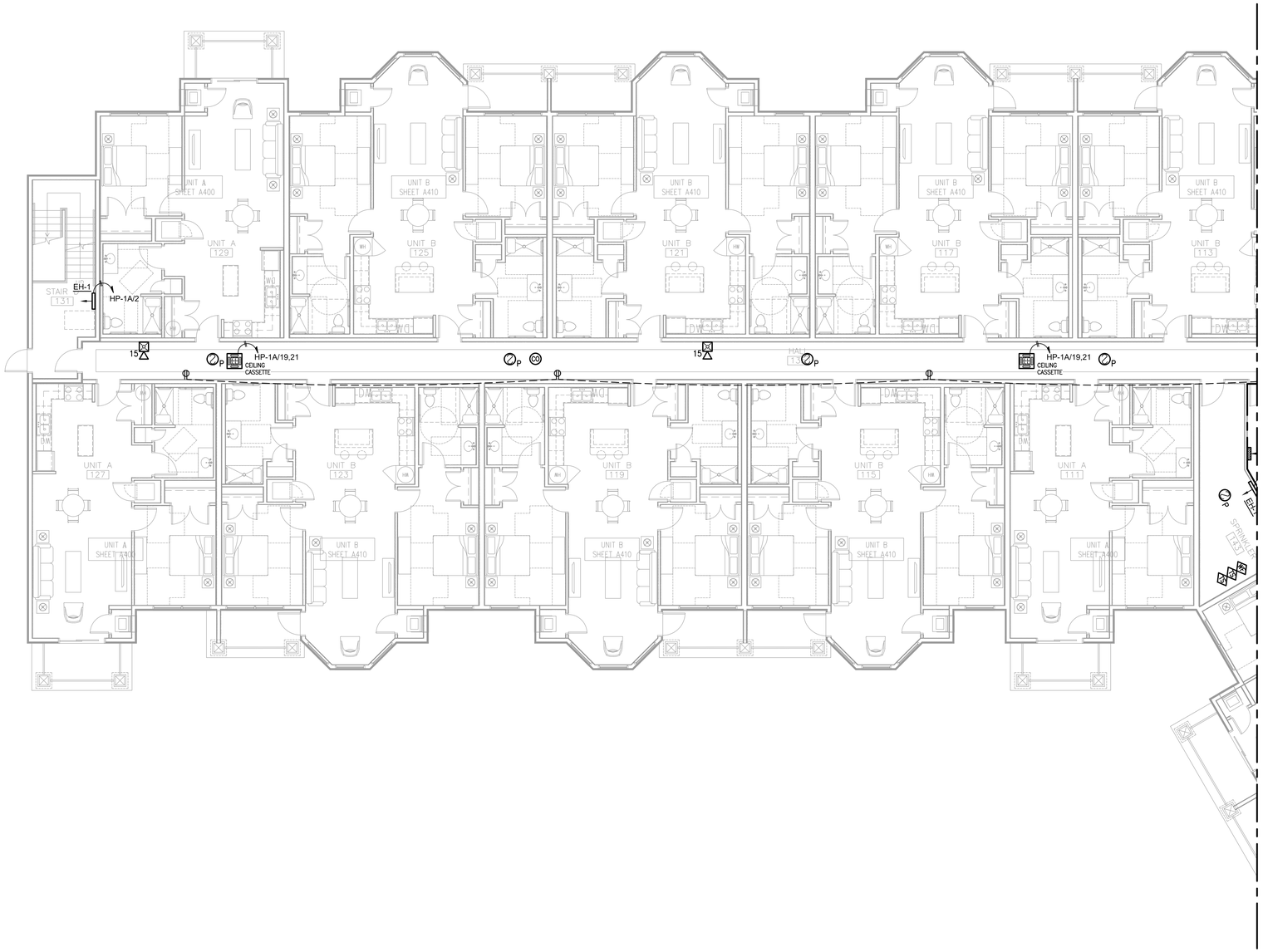
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PARTIAL THIRD FLOOR LIGHTING PLAN - RIGHT SECTION

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E.209



1 / E.301 Partial First Floor Power Distribution & Fire Alarm Plan - Left Section

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

PROJECT NORTH

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PROJECT
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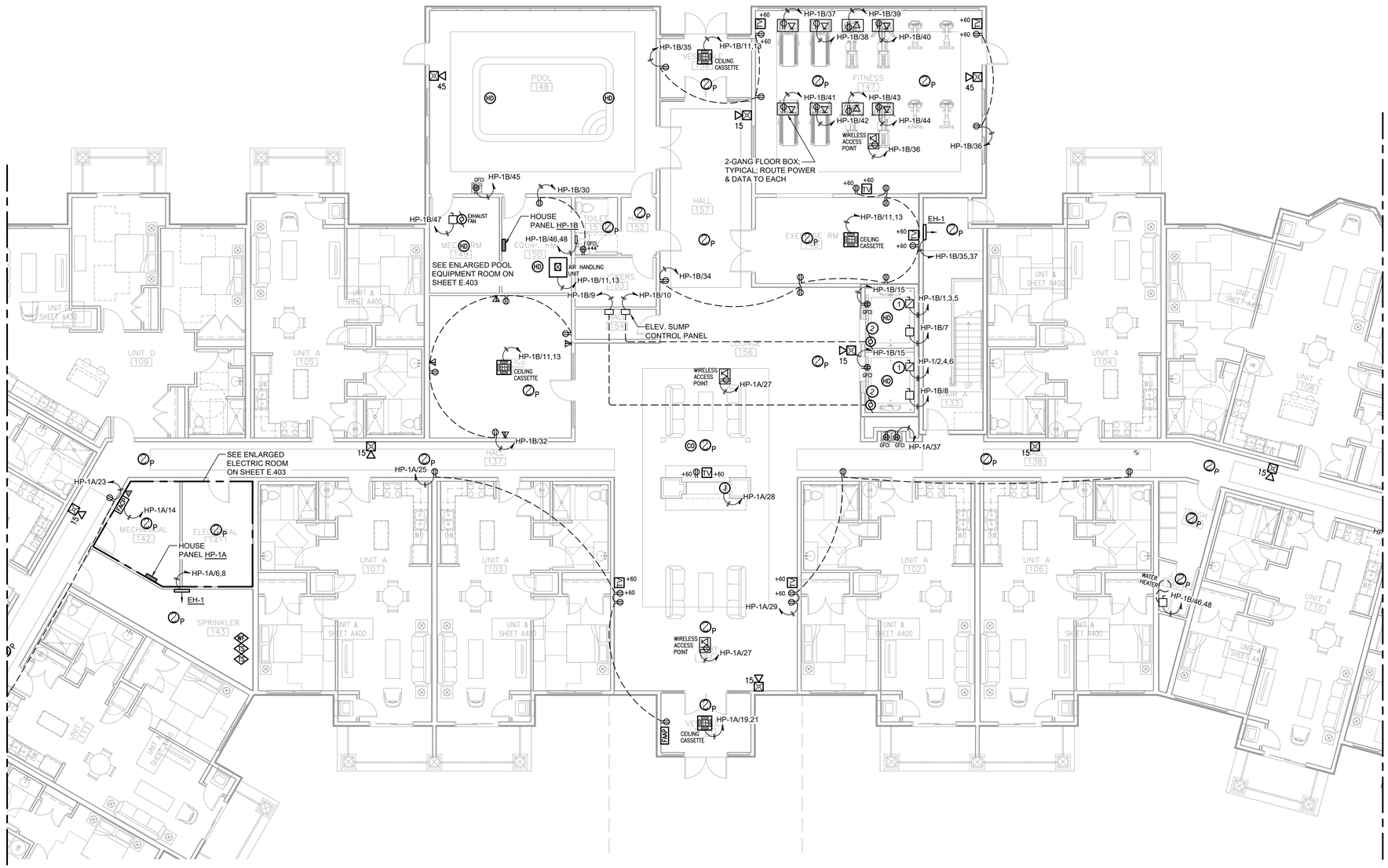
DRAWING
PARTIAL FIRST FLOOR POWER & FIRE ALARM PLAN - LEFT SECTION

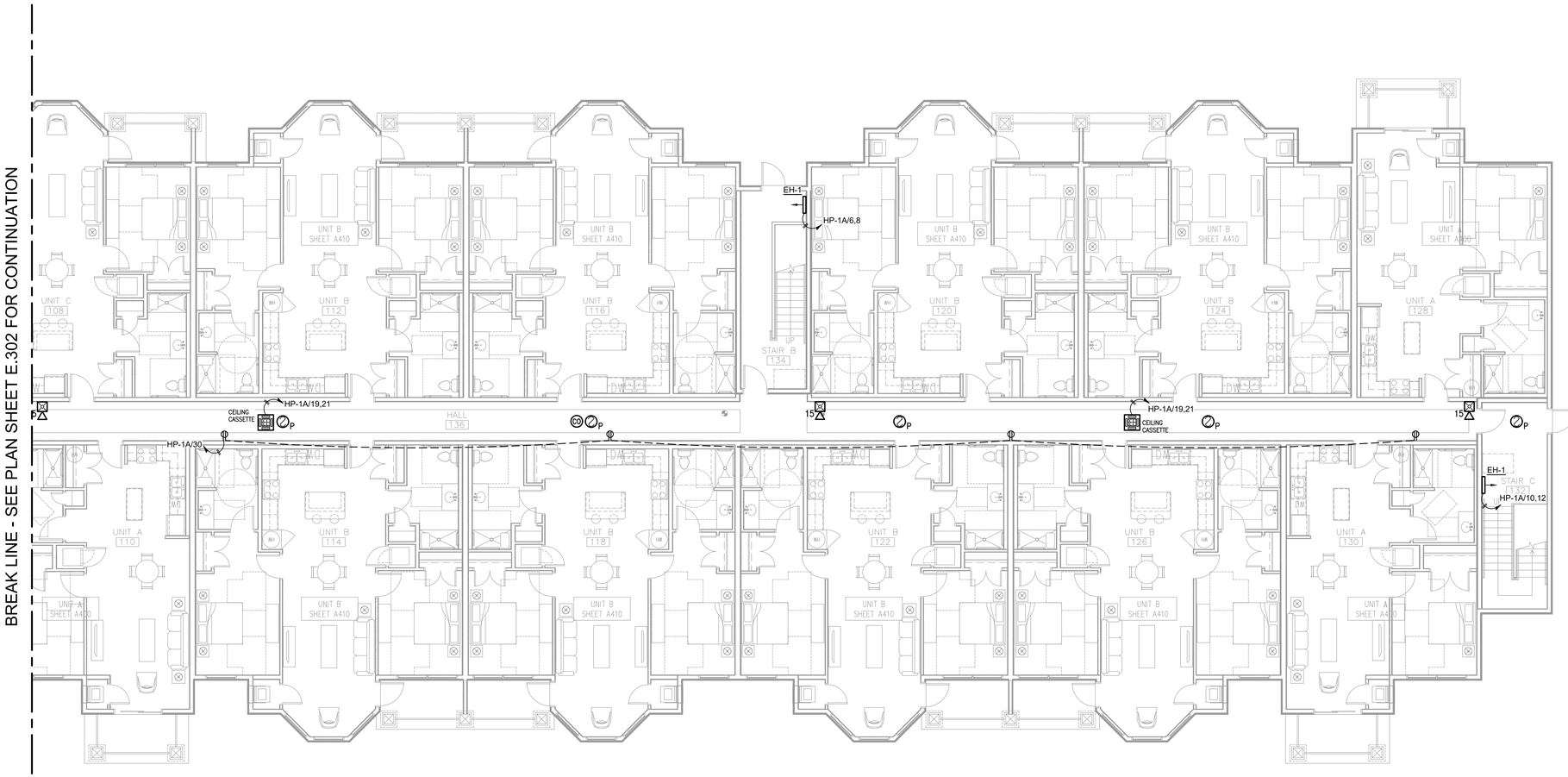
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MB	18105
CHECKED BY	DATE
MB	11–12–21

DRAWING NUMBER
E.301

FILE


BREAK LINE - SEE PLAN SHEET E.301 FOR CONTINUATION
BREAK LINE - SEE PLAN SHEET E.303 FOR CONTINUATION
POOL 148
FITNESS 147
HALL 157
HALL 137
HALL 156
HALL 138
MECHANICAL 142
ELECTRICAL 141
SPRINKLER 143
TOILET 152
TOILET 151
EQUIP. ROOM 150
EXERCISE RM 135
LOUNGE 1561
LOUNGE 1562
LOUNGE 1563
LOUNGE 1564
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1 / E.303 Partial First Floor Power Distribution & Fire Alarm Plan - Right Section

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

N PROJECT NORTH

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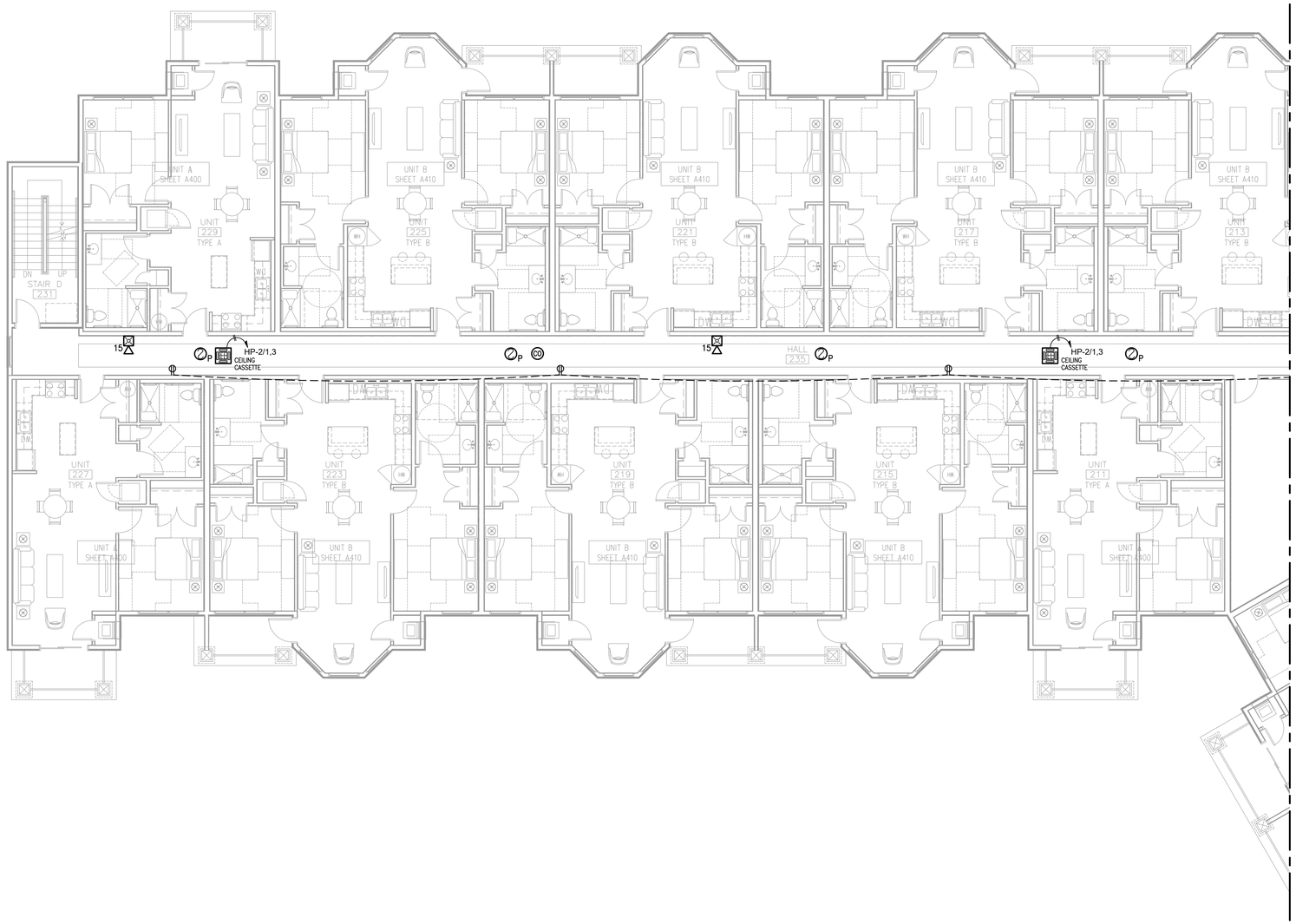
PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
PARTIAL FIRST FLOOR POWER DISTRIBUTION & FIRE ALAM PLAN - RIGHT SECTION

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1 / E.304 Partial Second Floor Power Distribution & Fire Alarm Plan - Left Section

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

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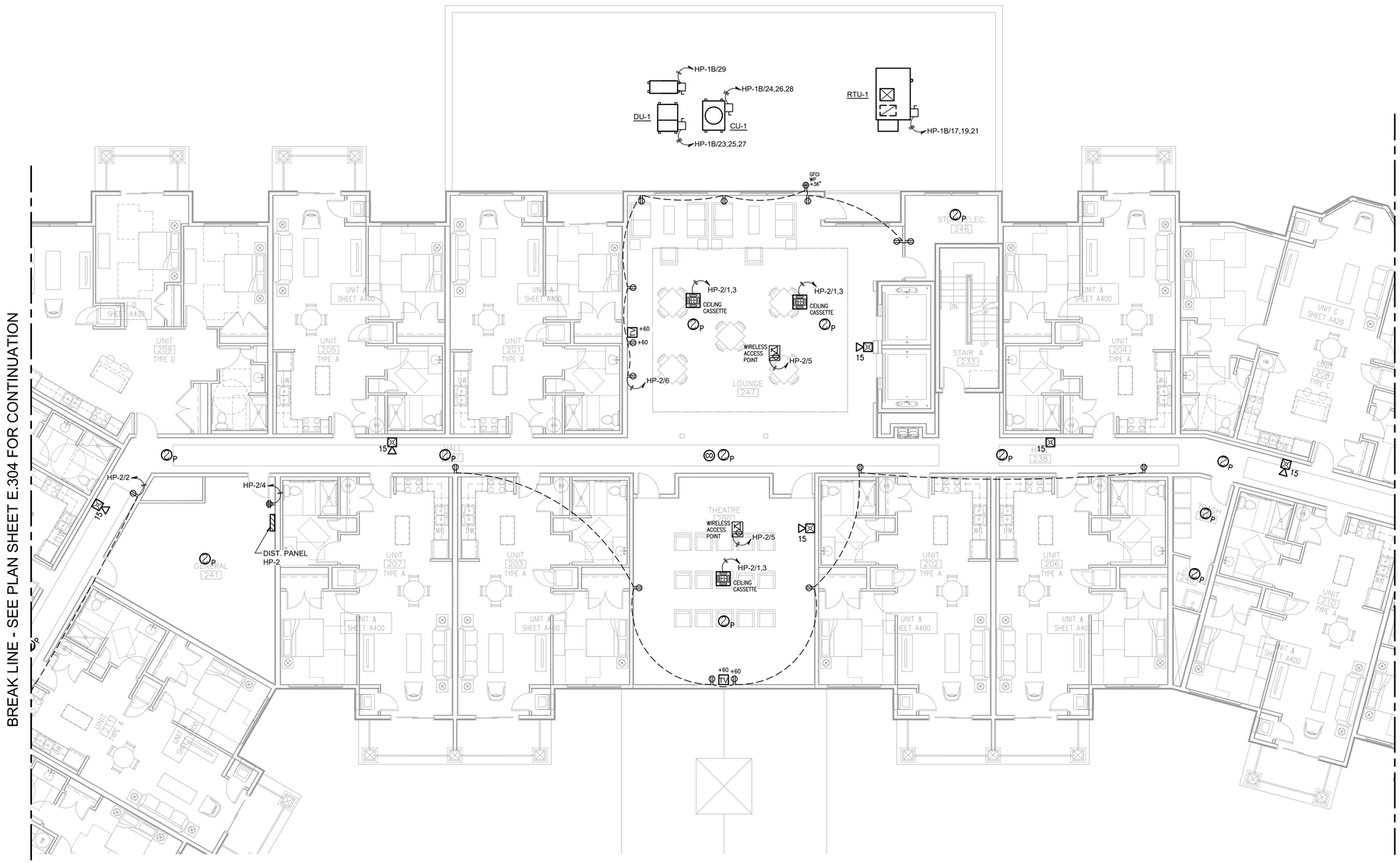
PROJECT
HOPEWELL SENIOR LIVING
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DRAWING
PARTIAL SECOND FLOOR POWER DISTRIBUTION & FIRE ALARM PLAN - LEFT SECTION

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1 / E.305 Partial Second Floor Power Distribution & Fire Alarm Plan - Center Section

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

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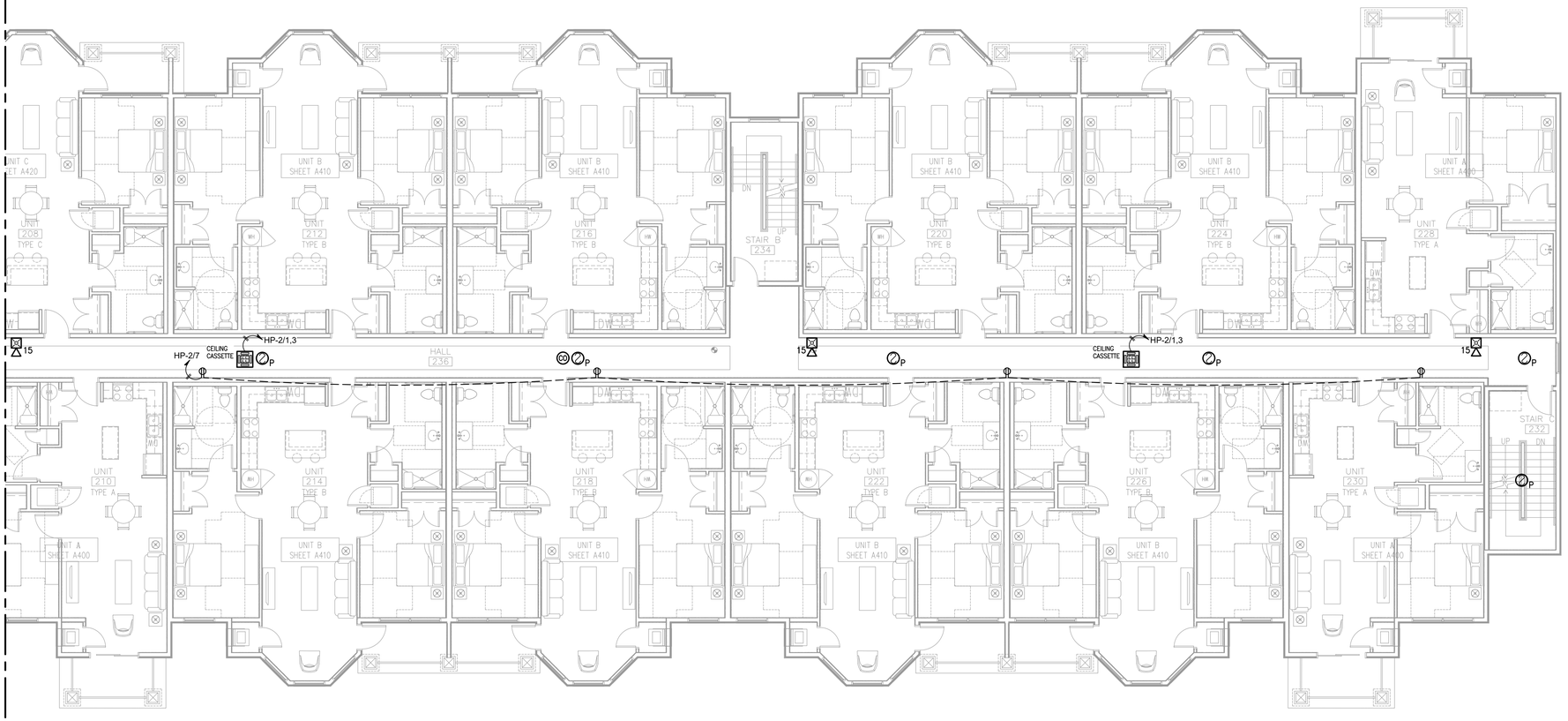
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BREAK LINE - SEE PLAN SHEET E.305 FOR CONTINUATION



1 / E.306 Partial Second Floor Power Distribution & Fire Alarm Plan - Right Section

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

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PROJECT
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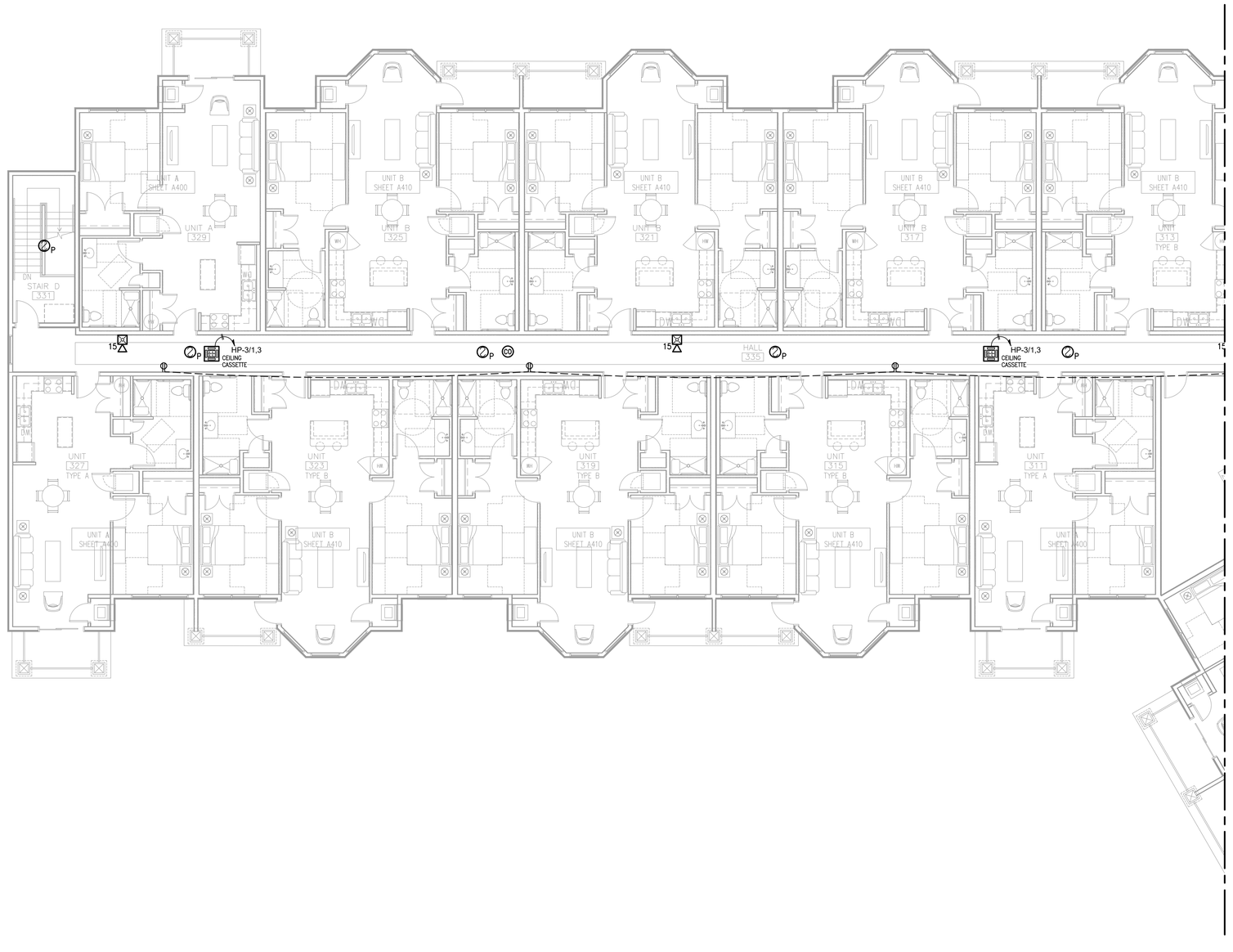
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1 / E.307 Partial Third Floor Power Distribution & Fire Alarm Plan - Left Section

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

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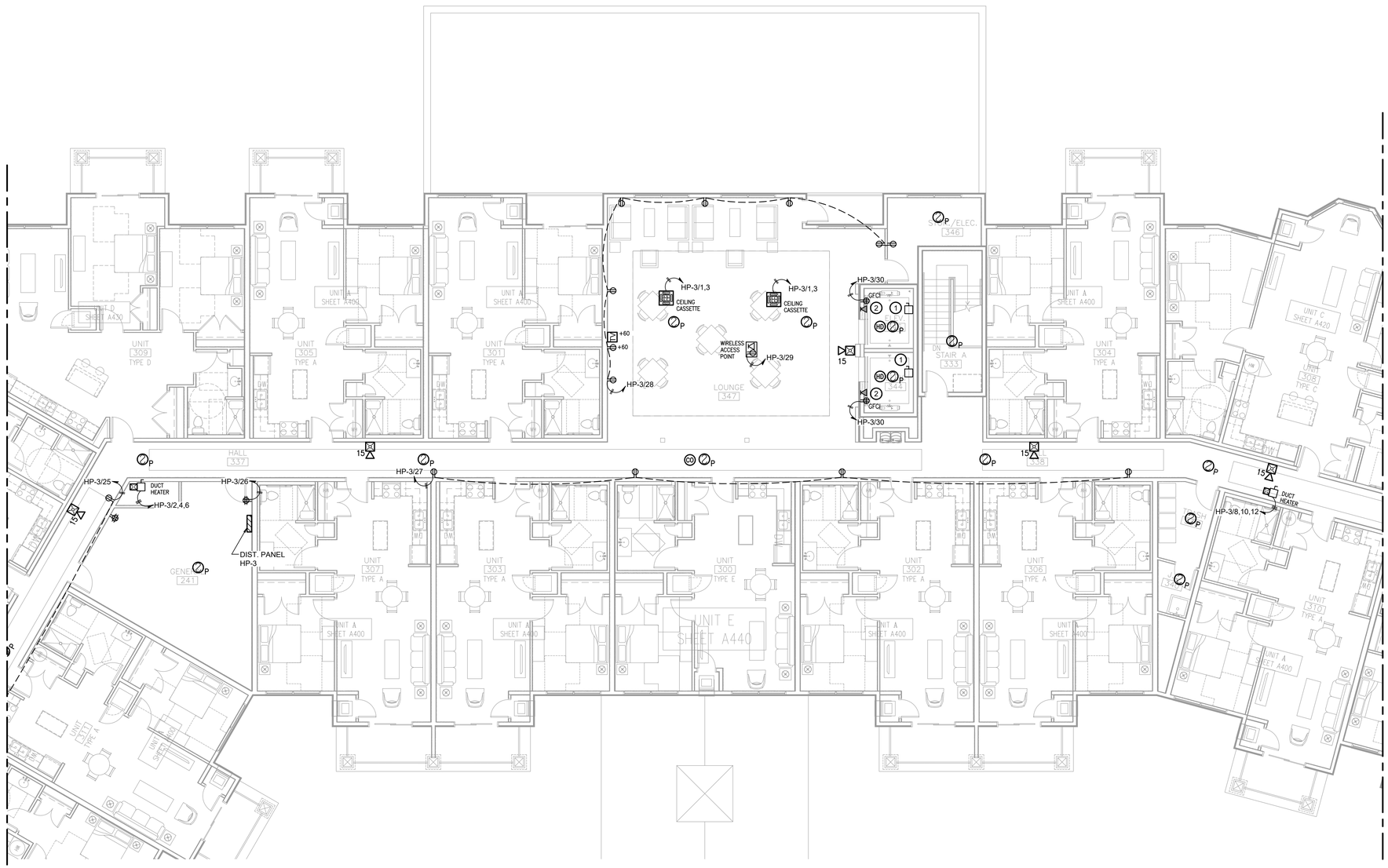
PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
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DRAWING
PARTIAL THIRD FLOOR POWER DISTRIBUTION & FIRE ALARM PLAN - LEFT SECTION

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1 / E.308 Partial Third Floor Power Distribution & Fire Alarm Plan - Center Section

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

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PROJECT
HOPEWELL SENIOR LIVING
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EAST FISHKILL, N.Y.

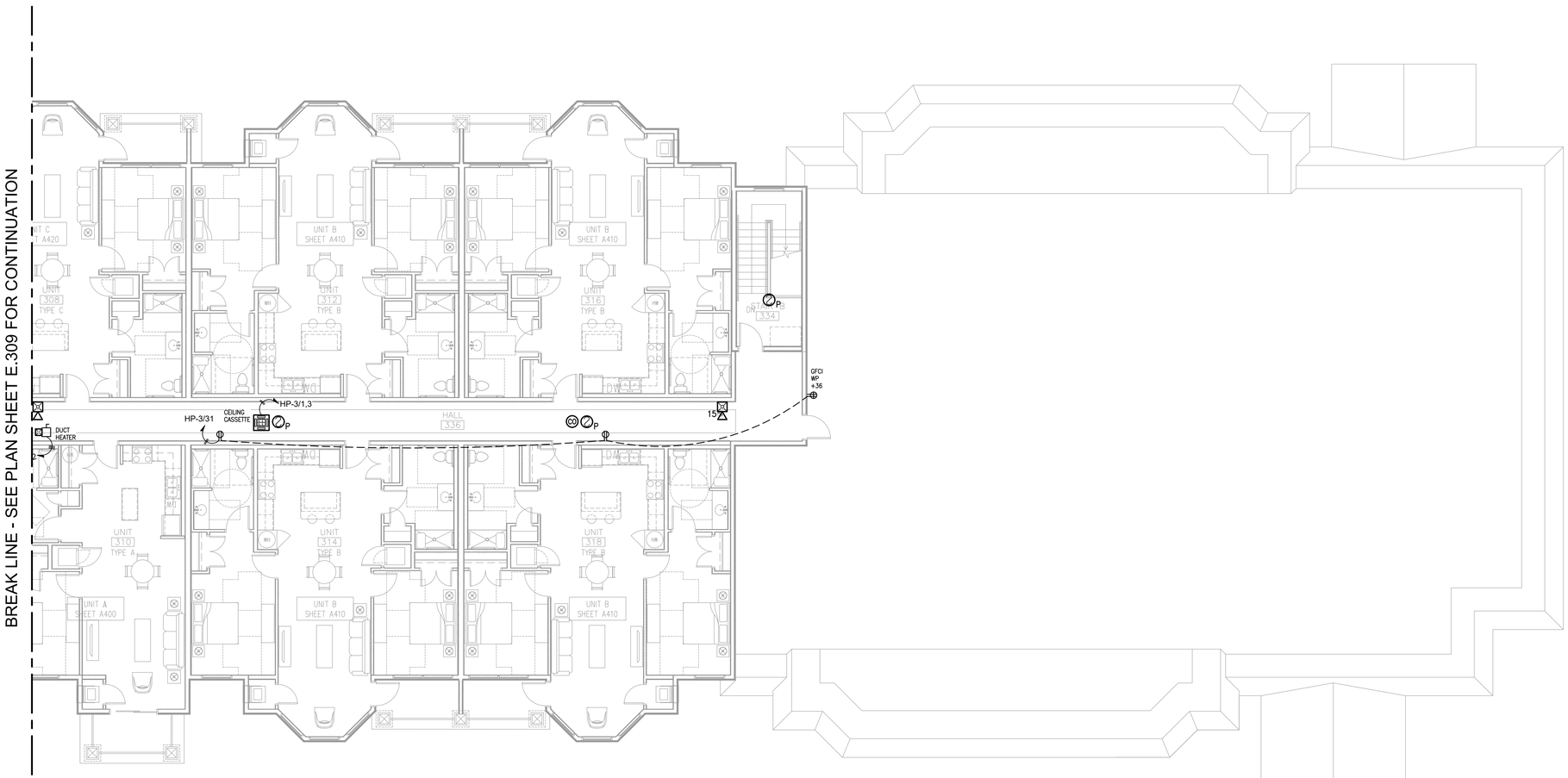
DRAWING
PARTIAL THIRD FLOOR POWER DISTRIBUTION & FIRE ALARM PLAN - CENTER SECTION

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FILE



1 / E.309 Partial Third Floor Power Distribution & Fire Alarm Plan - Right Section

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

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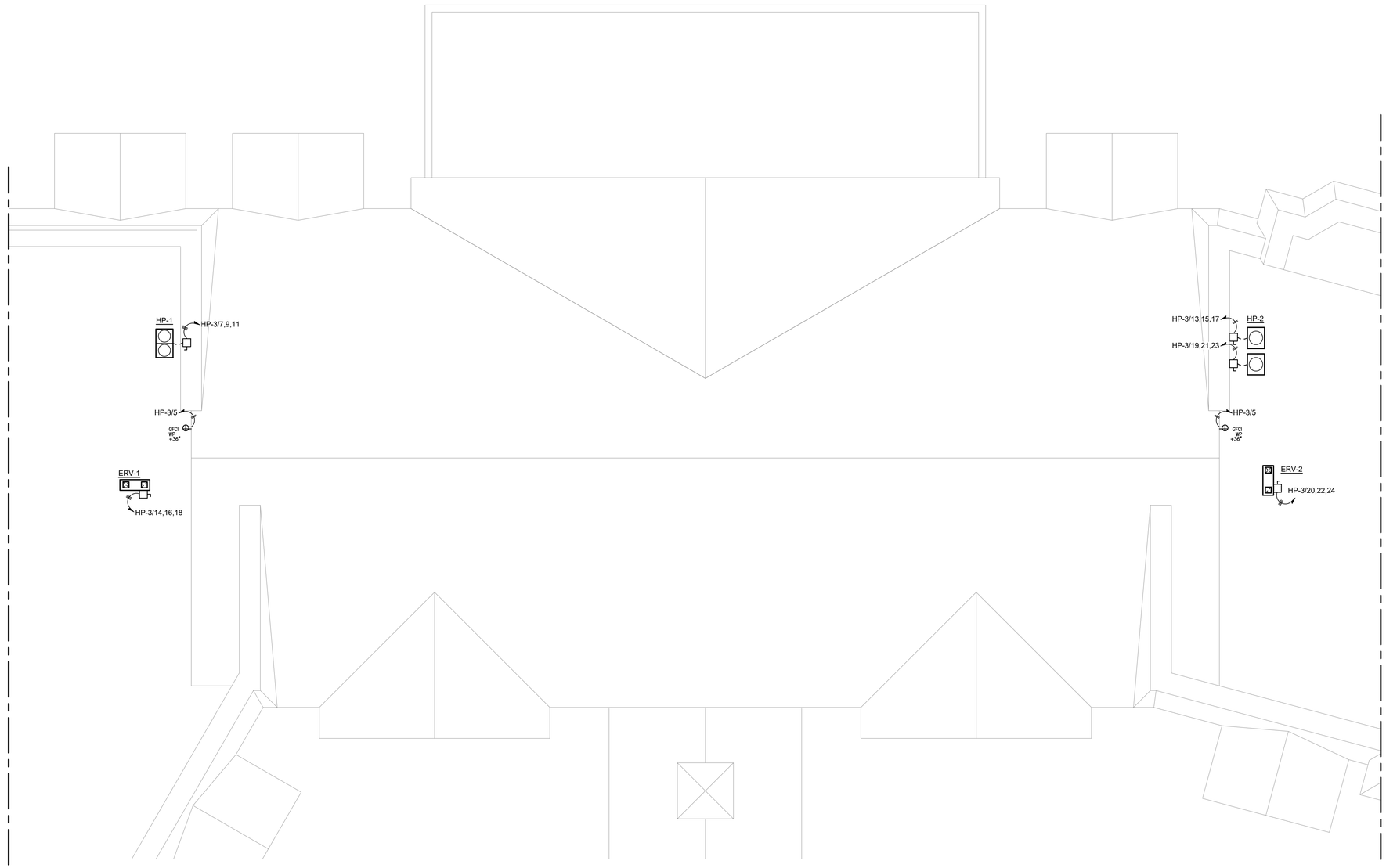
PROJECT
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EAST FISHKILL, N.Y.

DRAWING
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1 / E.310 Partial Roof Power Distribution Plan - Center Section

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DRAWING
PARTIAL ROOF POWER DISTRIBUTION PLAN - CENTER SECTION

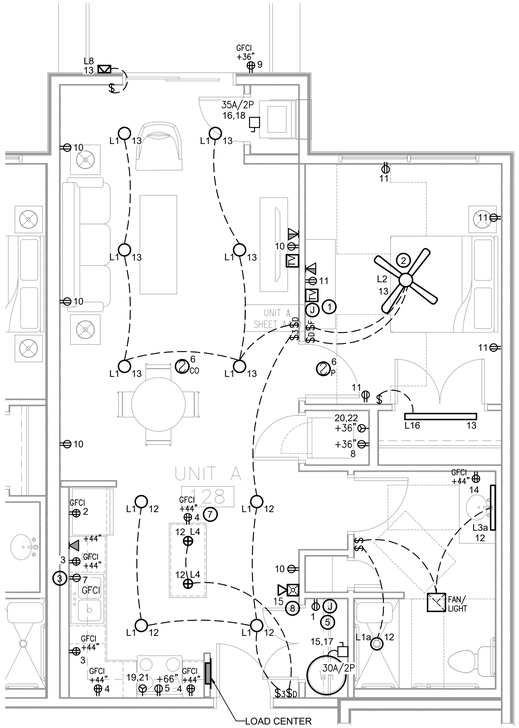
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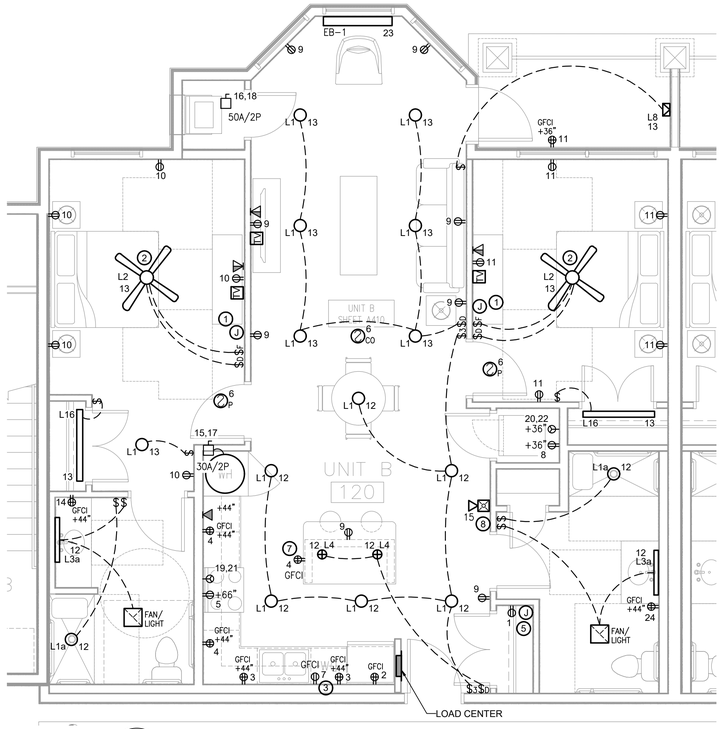
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MB	18105
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E.310

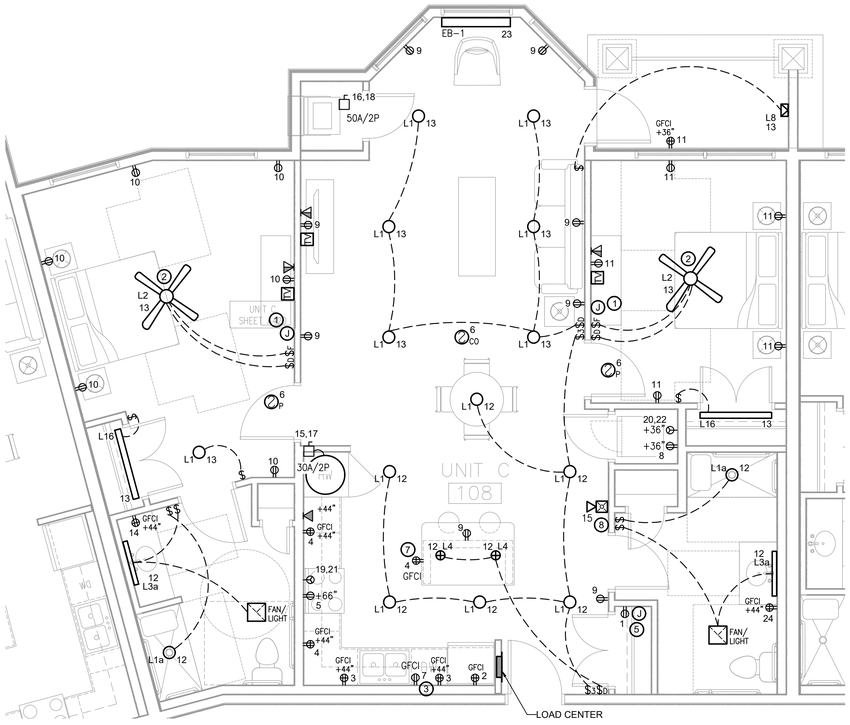
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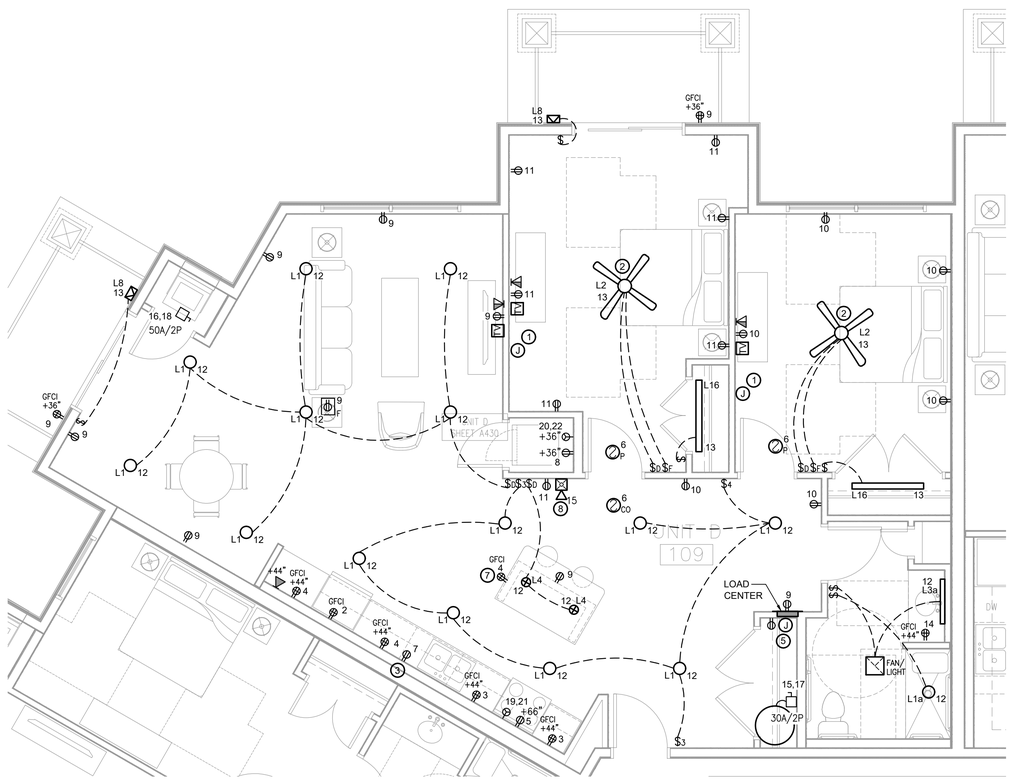
1 E.401 **Typical Unit Type 'A' Electric Plan**
Scale: 1/4" = 1'-0"



2 E.401 **Typical Unit Type 'B' Electric Plan**
Scale: 1/4" = 1'-0"



3 E.401 **Typical Unit Type 'C' Electric Plan**
Scale: 1/4" = 1'-0"



4 E.401 **Typical Unit Type 'D' Electric Plan**
Scale: 1/4" = 1'-0"

KEYED PLAN NOTES:

1. E.C. SHALL EXTEND BUILDING FIRE ALARM SYSTEM WIRING TO WALL BOX W/ BLANK COVERPLATE FOR FUTURE FIRE ALARM SYSTEM CONNECTED STROBE DEVICE. COORDINATE LOCATION W/ G.C., ARCH AND OWNER PRIOR TO ANY PURCHASE OR ROUGH-IN. FOR ADDITIONAL INFORMATION SEE ELECTRICAL NOTES ABOVE.
2. PROVIDE JUNCTION BOX AND ALL SUPPLEMENTARY SUPPORT RATED FOR CEILING FAN.
3. DUPLEX RECEPTACLE TO BE MOUNTED UNDER COUNTER FOR DISHWASHER & GARBAGE DISPOSAL.
4. E.C. SHALL FURNISH & INSTALL 3-SPEED FAN CONTROL SWITCH. SWITCH SHALL BE MANUFACTURED AND/OR AS APPROVED BY FAN MANUFACTURER. E.C. SHALL PROVIDE FAN CONTROL(S), CONTROL LEG(S), BRANCH FEEDER, AND CLG. FAN RATED JUNCTION BOX. CONFIRM FAN LOCATION, FAN CONTROL DEVICE(S) ND ALL LOCATION W/ G.C., ARCH AND OWNER PRIOR TO ANY PURCHASE OR ROUGH-IN.
5. COORDINATE TELECOM DEMARC JUNCTION BOX AND DUPLEX RECEPTACLE LOCATION W/ G.C., ARCH AND OWNER'S TELECOM VENDER(S) PRIOR TO ANY PURCHASE OR ROUGH-IN WORK.
6. FURNISH & INSTALL GFCI RECEPTACLE W/ WEATHER-PROOF IN-USE COVER. MOUNT 36" A.F.F..
7. INSTALL RECEPTACLE 12" MAX. BELOW COUNTERTOP TO BOTTOM OF RECEPTACLE.
8. E.C. SHALL EXTEND BUILDING FIRE ALARM SYSTEM WIRING TO HORN STROBE IN EACH APARTMENT UNIT.

NOTES

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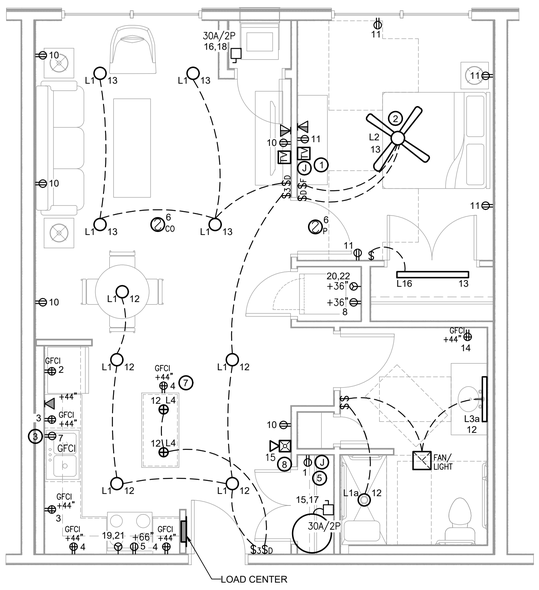
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ENLARGED APARTMENT ELECTRIC PLANS (1 OF 2)

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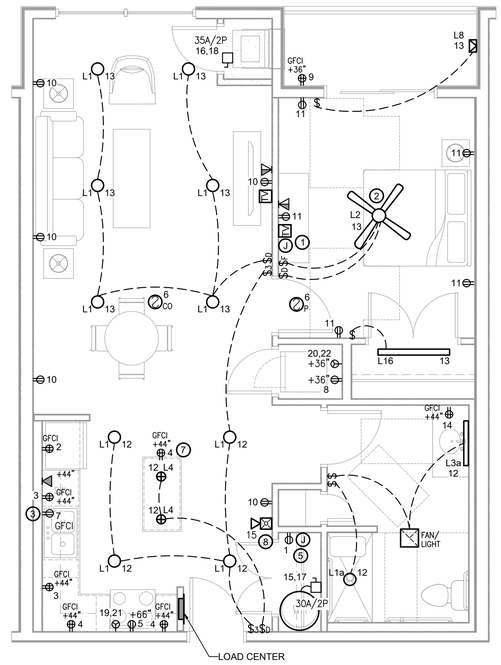
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1 E.402 **Typical Unit Type 'E' Electric Plan**

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



2 E.402 **Typical Unit Type 'F' Electric Plan**

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

KEYED PLAN NOTES:

1. E.C. SHALL EXTEND BUILDING FIRE ALARM SYSTEM WIRING TO WALL BOX W/ BLANK COVERPLATE FOR FUTURE FIRE ALARM SYSTEM CONNECTED STROBE DEVICE. COORDINATE LOCATION W/ G.C., ARCH AND OWNER PRIOR TO ANY PURCHASE OR ROUGH-IN. FOR ADDITIONAL INFORMATION SEE ELECTRICAL NOTES ABOVE.
2. PROVIDE JUNCTION BOX AND ALL SUPPLEMENTARY SUPPORT RATED FOR CEILING FAN.
3. DUPLEX RECEPTACLE TO BE MOUNTED UNDER COUNTER FOR DISHWASHER & GARBAGE DISPOSAL.
4. E.C. SHALL FURNISH & INSTALL 3-SPEED FAN CONTROL SWITCH. SWITCH SHALL BE MANUFACTURED AND/OR AS APPROVED BY FAN MANUFACTURER. E.C. SHALL PROVIDE FAN CONTROL(S), CONTROL LEG(S), BRANCH FEEDER, AND CLG. FAN RATED JUNCTION BOX. CONFIRM FAN LOCATION, FAN CONTROL DEVICE(S) ND ALL LOCATION W/ G.C., ARCH AND OWNER PRIOR TO ANY PURCHASE OR ROUGH-IN.
5. COORDINATE TELECOM DEMARC JUNCTION BOX AND DUPLEX RECEPTACLE LOCATION W/ G.C., ARCH AND OWNER'S TELECOM VENDER(S) PRIOR TO ANY PURCHASE OR ROUGH-IN WORK.
6. FURNISH & INSTALL GFCI RECEPTACLE W/ WEATHER-PROOF IN-USE COVER. MOUNT 36" A.F.F..
7. INSTALL RECEPTACLE 12" MAX. BELOW COUNTERTOP TO BOTTOM OF RECEPTACLE.
8. E.C. SHALL EXTEND BUILDING FIRE ALARM SYSTEM WIRING TO HORN STROBE IN EACH APARTMENT UNIT.

NOTES

No.	REVISION/SUBMISSION	DATE

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181 CHURCH STREET
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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

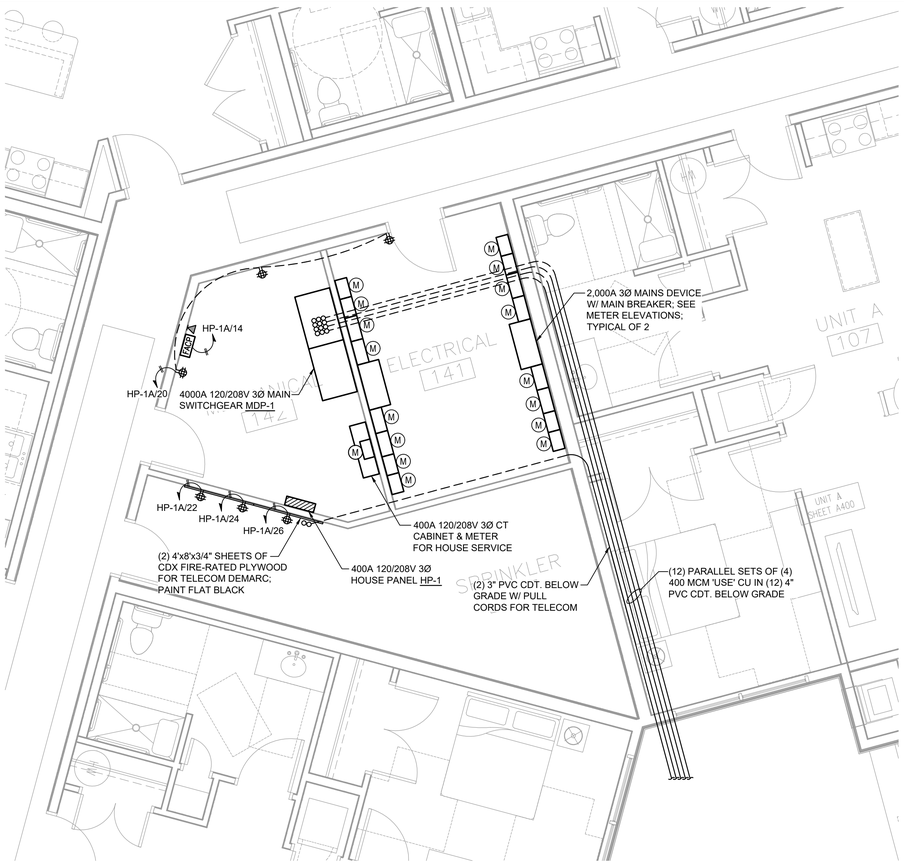
DRAWING
ENLARGED APARTMENT ELECTRIC PLANS (2 OF 2)

SEAL
STATE OF NEW YORK · MATTHEW GEORGE BLAKE · 089039 · LICENSED PROFESSIONAL ENGINEER

DRAWN BY	PROJECT NUMBER
MB	18105
CHECKED BY	DATE
MB	11-12-21

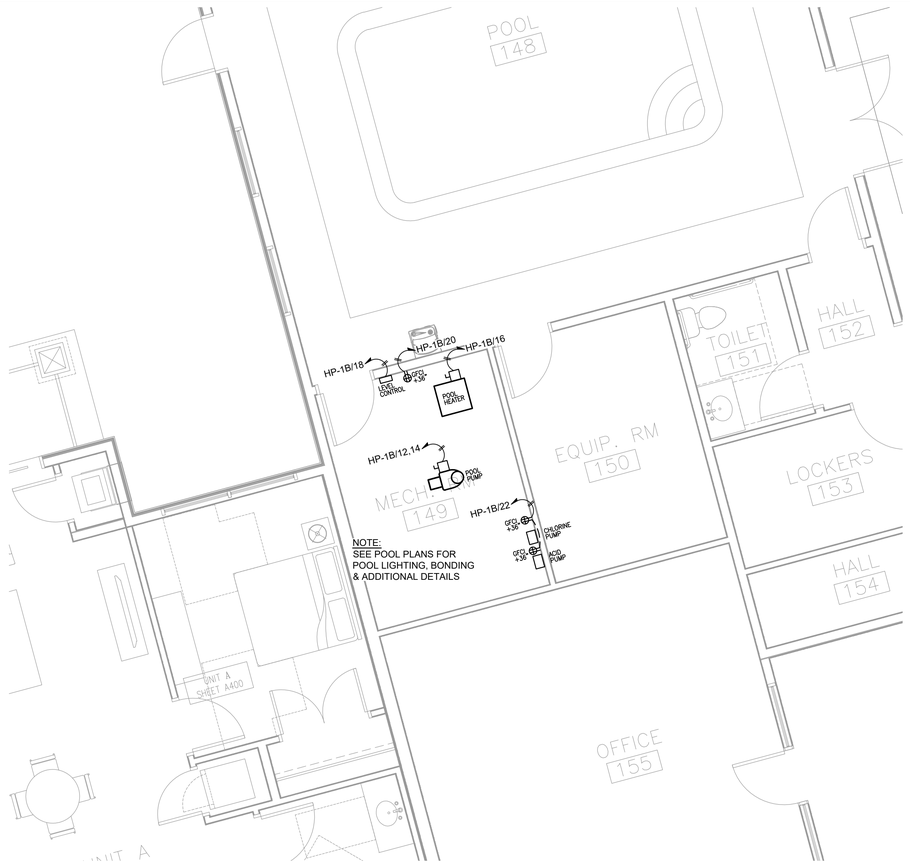
DRAWING NUMBER
E.402

FILE



1 E.403 Enlarged Electric Room Plan

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



2 E.403 Enlarged Pool Equipment Room Plan

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

NOTES

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181 CHURCH STREET
POUGHKEEPSIE, NEW YORK 12601
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PROJECT
HOPEWELL SENIOR LIVING
672 ROUTE 82
EAST FISHKILL, N.Y.

DRAWING
ENLARGED UTILITY ROOM
ELECTRIC PLANS

SEAL
STATE OF NEW YORK
MATTHEW GEORGE BLAKE
089039
LICENSED PROFESSIONAL ENGINEER

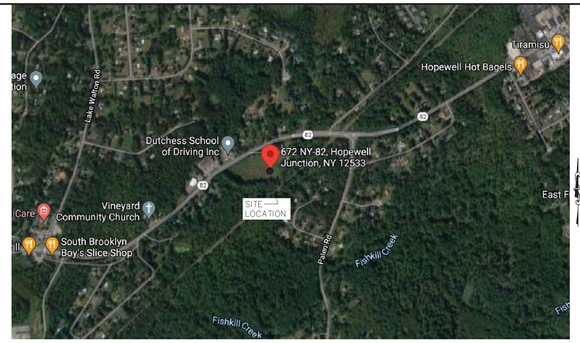
DRAWN BY	PROJECT NUMBER
MB	18105
CHECKED BY	DATE
MB	11-12-21

DRAWING NUMBER
E.403

DUTCHESS COUNTY STANDARD NOTES FOR POOLS

1. THE DESIGN, CONSTRUCTION AND INSTALLATION SHALL BE IN ACCORDANCE WITH THIS PLAN AND GENERALLY ACCEPTED STANDARDS IN EFFECT AT THE TIME OF CONSTRUCTION WHICH INCLUDE:
   - "THE NEW YORK STATE SANITARY CODE, PART 6: SUBPART 6-1, SWIMMING POOLS."
   - "CERTIFICATE OF APPROVAL OF THE PLANS FOR THE CONSTRUCTION OR RENOVATION OF A SWIMMING POOL."
   - "DUTCHESS COUNTY AND NEW YORK STATE SANITARY CODES."
   - "NEW YORK STATE DEPARTMENT OF HEALTH AND DUTCHESS COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION POLICIES, PROCEDURES AND STANDARDS."
   - "NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, 9 NYCRR, SUBTITLE S, CHAPTER 1."
2. APPROVAL OF ANY PLAN(S) OR AMENDMENT THERETO SHALL BE VALID FOR A PERIOD OF 5 YEARS FROM THE DATE OF APPROVAL. FOLLOWING THE EXPIRATION OF SAID APPROVAL, THE PLAN(S) SHALL BE RE-SUBMITTED TO THE COMMISSIONER OF HEALTH FOR CONSIDERATION FOR RE-APPROVAL. RE-SUBMISSION OR REVISED SUBMISSION OF PLANS AND/OR ASSOCIATED DOCUMENTS SHALL BE SUBJECT TO COMPLIANCE WITH THE TECHNICAL STANDARDS, GUIDELINES, POLICIES AND PROCEDURES IN EFFECT AT THE TIME OF THE RE-SUBMISSION.
3. THE CONSTRUCTION OR RENOVATION OF THE POOL SHALL BE UNDER THE SUPERVISION OF A NEW YORK STATE REGISTERED DESIGN PROFESSIONAL. THE REGISTERED PROFESSIONAL SHALL SUBMIT A CONSTRUCTION COMPLIANCE CERTIFICATE TO THE DC EHSD STATING THAT THE CONSTRUCTION OR RENOVATION WAS COMPLETED IN CONFORMANCE WITH THE APPROVED PLANS, REPORTS, AND SPECIFICATIONS.
4. ANY CHANGES IN THESE PLANS SHALL RECEIVE PRIOR WRITTEN APPROVAL FROM THE DC EHSD.
5. THE DC EHSD SHALL BE NOTIFIED 48 HOURS PRIOR TO CONSTRUCTION, AND UPON COMPLETION OF CONSTRUCTION, SO INSPECTIONS CAN BE CONDUCTED.
6. ALL ELECTRICAL WIRING SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND APPLICABLE STATE AND LOCAL BUILDING CODES. GROUND FAULT CIRCUIT INTERRUPTERS SHALL BE PROVIDED FOR LIGHTING AND OTHER ELECTRICAL CIRCUITS IN THE POOL AREA. A CERTIFICATE OF ELECTRICAL COMPLIANCE ISSUED BY THE NY BOARD OF FIRE UNDERWRITERS SHALL BE OBTAINED FOR ANY NEW OR MODIFIED ELECTRICAL SYSTEMS.
7. THE NEW YORK STATE REGISTERED DESIGN PROFESSIONAL CERTIFIES THE STRUCTURAL STABILITY AND SAFETY OF THE POOL DURING FULL AND EMPTY CONDITIONS.
8. PRIOR TO A PERMIT TO OPERATE BEING GRANTED TWO COPIES OF THE OPERATION AND MAINTENANCE MANUAL MUST BE DELIVERED TO DC EHSD AND TWO COPIES MUST BE DELIVERED TO THE OWNER.
9. THE POOL SHALL NOT BE OPERATED UNTIL AN OPERATING PERMIT HAS BEEN ISSUED BY THE DC EHSD.
10. THE UNDERSIGNED OWNERS OF THE PROPERTY HEREON STATE THAT THEY ARE FAMILIAR WITH THIS MAP, ITS CONTENTS AND ITS LEGENDS AND HEREBY CONSENT TO ALL SAID TERMS AND CONDITIONS AS STATED HEREON.

SIGNATURE _____ DATE _____



LOCATION MAP
NOT TO SCALE

SWIMMING POOL
POOL SIZE: 18'-0" X 10'-0" =193 S.F.
POOL VOLUME: 5,430 gallons
TURNOVER TIME: 2.01 HRS.
MAXIMUM POOL OCCUPANCY: 12 PERSONS
DESIGN FLOW RATE = 45 GPM

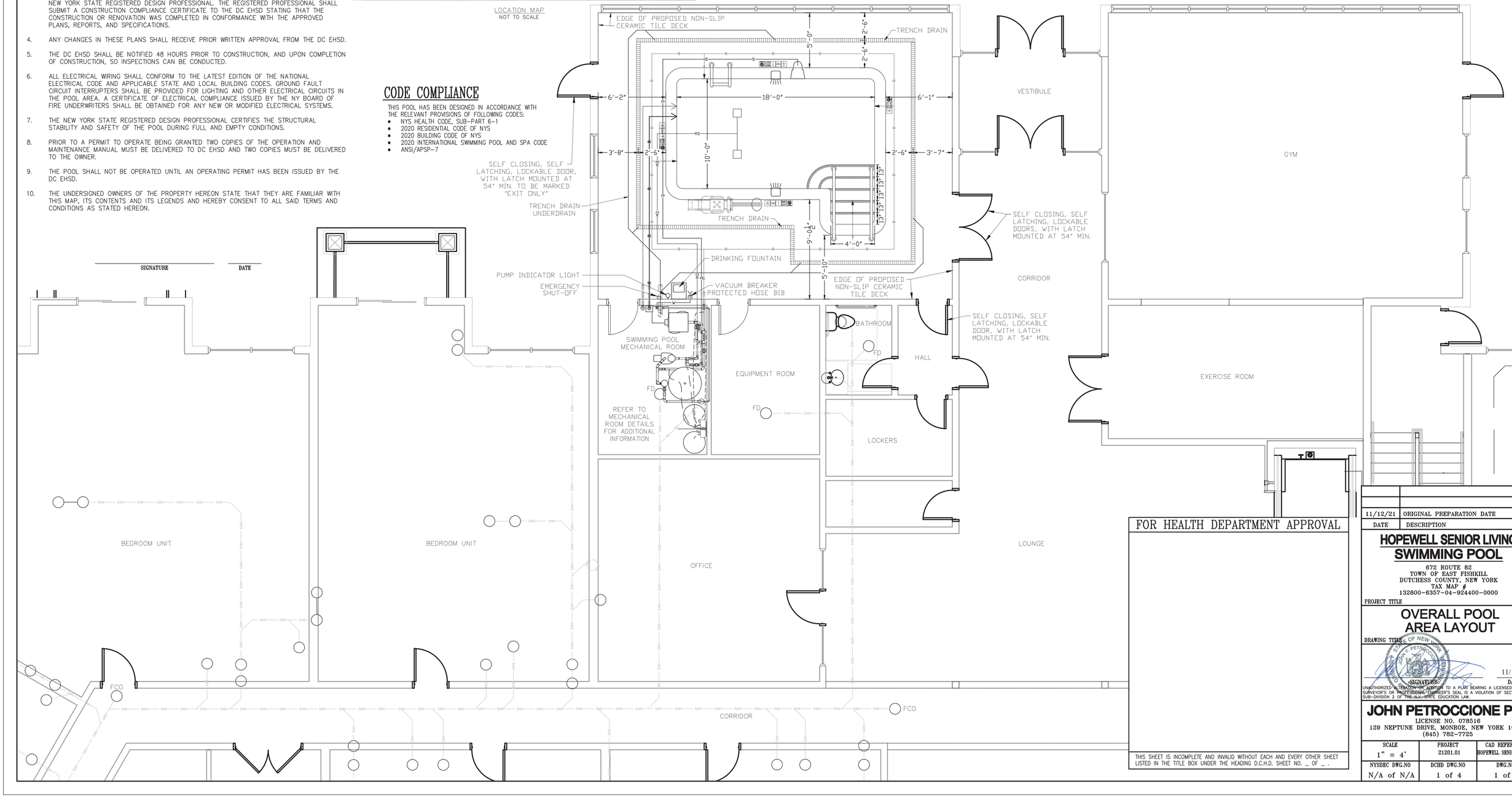
BATHHOUSE NOTES:
BATHROOM AND CHANGING FACILITIES FOR SWIMMING POOL PATRONS ARE TO BE LOCATED IN THE COMMUNITY CENTER. FINAL ARCHITECTURAL AND UTILITY DESIGN TO BE DONE BY OTHERS CONFORMING TO THE FOLLOWING MINIMUM REQUIREMENTS:
- WALLS AND FLOORS SHALL BE KEPT CLEAN AND FREE OF CRACKS OR OPEN JOINTS.
- ALL FIXTURES SHALL BE MAINTAINED IN A CLEAN AND SANITARY CONDITION AT ALL TIMES.
- BATHROOMS SHALL BE PROVIDED WITH SOAP, PAPER TOWELS AND COVERED WASTE RECEPTACLES. FACILITIES TO BE USED BY FEMALE PATRONS SHALL BE PROVIDED WITH SANITARY NAPKIN RECEPTACLES.
- BATHROOM FLOORS SHALL BE CONSTRUCTED OF A SMOOTH-FINISHED MATERIAL WITH NON-SLIP SURFACES, IMPERVIOUS TO MOISTURE, AND EASILY CLEANABLE.
- CARPETING SHALL NOT BE PERMITTED IN TOILET OR SHOWER AREAS.
- FLOORS SHALL BE SLOPED AT 1/4" PER FOOT TO DRAINS.
- JUNCTIONS BETWEEN WALLS AND FLOORS SHALL BE COVED AND OF SMOOTH IMPERVIOUS MATERIALS, FREE FROM CRACKS OR OPEN JOINTS.
- PLUMBING FIXTURES AND INSTALLATIONS SHALL BE IN CONFORMANCE WITH THE UNIFORM CODE.
- PARTITION WALLS SHALL TERMINATE AT LEAST 10" ABOVE THE FLOOR OR BE PLACED ON CONTINUOUS RAISED MASONRY OR CONCRETE BASES AT LEAST 4" HIGH.
- HOSE BIBS, PROVIDED WITH ANTISIPHONAGE DEVICES SHALL BE PROVIDED SO AS TO ENABLE THE ENTIRE AREA TO BE FLUSHED WITH A 50' HOSE.
- MECHANICAL VENTILATION SHALL BE INSTALLED, SIZED SO AS TO PROVIDE A MINIMUM OF TWO AIR CHANGES PER HOUR OF THE ENTIRE ENCLOSED SPACE.

LEGEND

5' DEPTH MARKER	DEPTH MARKER	S	SKIMMER LINE
CT	CERAMIC TILE NO DIVING MARKER		SKIMMER
	STAINLESS STEEL HANDRAIL	MD	MAIN DRAIN LINE
	STAINLESS STEEL LADDER		MAIN DRAIN SUMP & GRATE
	CERAMIC TILE STRIPE (DARK, CONTRASTING COLOR	R	RETURN LINE
			RETURN INLET FITTING
		4" PVC / 92.86 GPM / 2.37 FPS	PIPE SIZE / FLOW RATE / VELOCITY
		V	PROPOSED 1" POLYETHYLENE WATER LINE

CODE COMPLIANCE

THIS POOL HAS BEEN DESIGNED IN ACCORDANCE WITH THE RELEVANT PROVISIONS OF FOLLOWING CODES:
- NYS HEALTH CODE, SUB-PART 6-1
- 2020 RESIDENTIAL CODE OF NYS
- 2020 BUILDING CODE OF NYS
- 2020 INTERNATIONAL SWIMMING POOL AND SPA CODE
- ANSI/APSP-7



FOR HEALTH DEPARTMENT APPROVAL

THIS SHEET IS INCOMPLETE AND INVALID WITHOUT EACH AND EVERY OTHER SHEET LISTED IN THE TITLE BOX UNDER THE HEADING D.C.H.D. SHEET NO. _ OF _ .

DATE	DESCRIPTION
11/12/21	ORIGINAL PREPARATION DATE

HOPEWELL SENIOR LIVING SWIMMING POOL

672 ROUTE 82
TOWN OF EAST FISHKILL
DUTCHESS COUNTY, NEW YORK
TAX MAP #
132800-6357-04-924400-0000

PROJECT TITLE

OVERALL POOL AREA LAYOUT

DRAWING TITLE

STATE OF NEW YORK — JOHN F. PETROCCIONE — LICENSED PROFESSIONAL ENGINEER

SIGNATURE _____ DATE 11/12/21

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.

JOHN PETROCCIONE P.E.
LICENSE NO. 078516
129 NEPTUNE DRIVE, MONROE, NEW YORK 10950
(845) 782-7725

SCALE	PROJECT	CAD REFERENCE
1" = 4'	21201.01	HOPEWELL SENIOR LIVING
NYSDEC DWG.NO	DCHD DWG.NO	DWG.NO
N/A of N/A	1 of 4	1 of 4

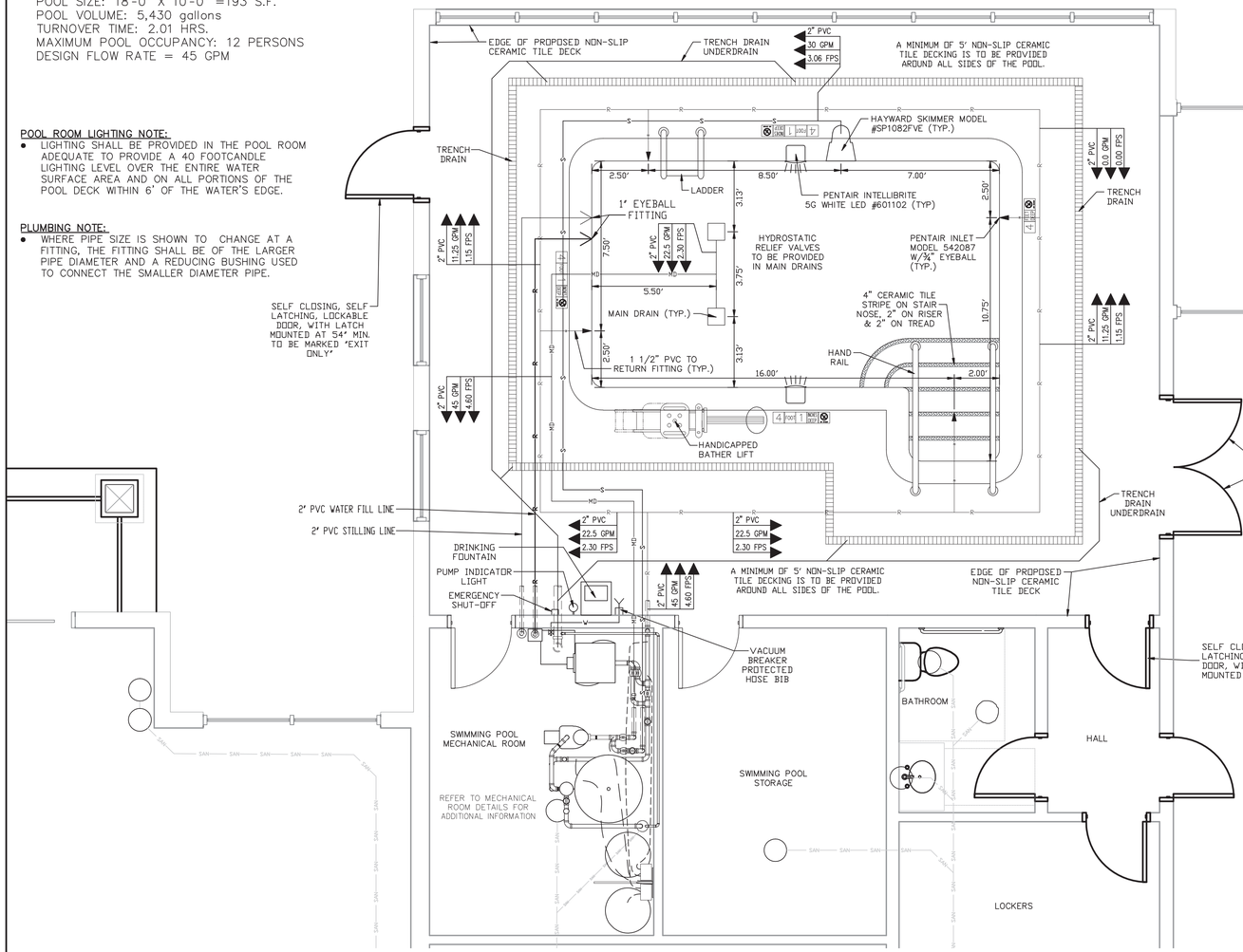
SWIMMING POOL
POOL SIZE: 18'-0" X 10'-0" =193 S.F.
POOL VOLUME: 5,430 gallons
TURNOVER TIME: 2.01 HRS.
MAXIMUM POOL OCCUPANCY: 12 PERSONS
DESIGN FLOW RATE = 45 GPM

POOL ROOM LIGHTING NOTE:

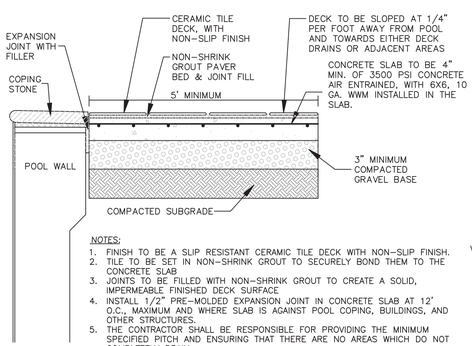
- LIGHTING SHALL BE PROVIDED IN THE POOL ROOM ADEQUATE TO PROVIDE A 40 FOOTCANDLE LIGHTING LEVEL OVER THE ENTIRE WATER SURFACE AREA AND ON ALL PORTIONS OF THE POOL DECK WITHIN 6' OF THE WATER'S EDGE.

PLUMBING NOTE:

- WHERE PIPE SIZE IS SHOWN TO CHANGE AT A FITTING, THE FITTING SHALL BE OF THE LARGER PIPE DIAMETER AND A REDUCING BUSHING USED TO CONNECT THE SMALLER DIAMETER PIPE.

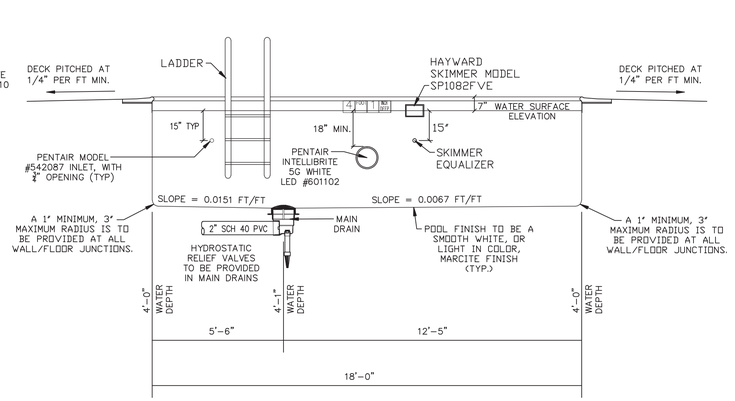


PLAN VIEW
1" = 3'



NOTES:
1. FINISH TO BE A SLIP RESISTANT CERAMIC TILE DECK WITH NON-SLIP FINISH.
2. TILE TO BE SET IN NON-SHRINK GROUT TO SECURELY BOND THEM TO THE CONCRETE SLAB
3. JOINTS TO BE FILLED WITH NON-SHRINK GROUT TO CREATE A SOLID, IMPERMEABLE FINISHED DECK SURFACE
4. INSTALL 1/2" PRE-MOLDED EXPANSION JOINT IN CONCRETE SLAB AT 12' O.C., MAXIMUM AND WHERE SLAB IS AGAINST POOL COPING, BUILDINGS, AND OTHER STRUCTURES.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE MINIMUM SPECIFIED PITCH AND ENSURING THAT THERE ARE NO AREAS WHICH DO NOT COMPLETELY DRAIN.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING AND INSTALLING ALL NECESSARY ANCHOR SOCKETS FOR THE POOL LADDERS AND HANDRAILS AS WELL AS ANY OTHER APPURTENANCES NEEDING TO BE REPLACED WITHIN THE DECK AREA TO BE REPLACED, AND PROVIDING AN ELECTRICAL UNDERWRITERS CERTIFICATE INDICATING THE PROPER BONDING & GROUNDING OF THESE ITEMS.

CERAMIC TILE DECK WITH NON-SLIP FINISH DETAIL
N.T.S.



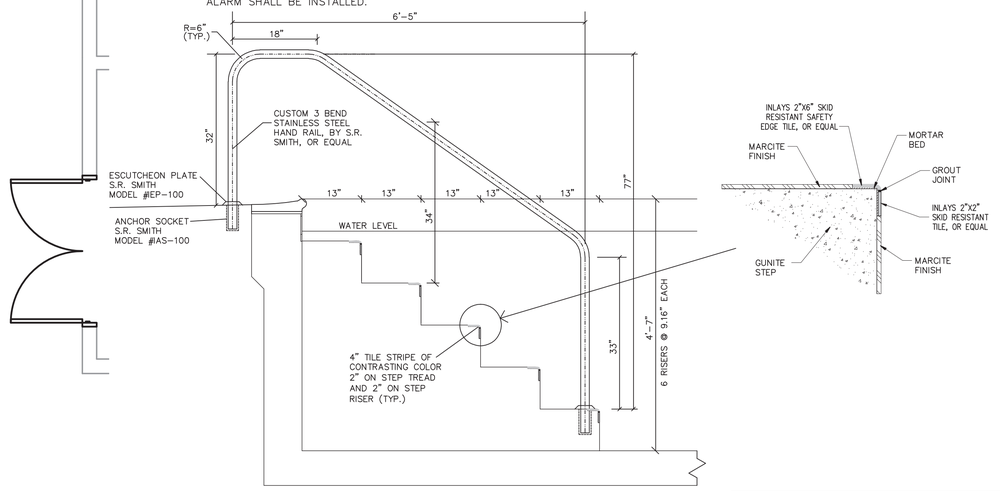
SECTION VIEW
1" = 3'

LEGEND

5 INCH	DEPTH MARKER	S	SKIMMER LINE
	CERAMIC TILE NO DIVING MARKER		SKIMMER
	STAINLESS STEEL HANDRAIL	MD	MAIN DRAIN LINE
	STAINLESS STEEL LADDER		MAIN DRAIN SUMP & GRATE
		R	RETURN LINE
			RETURN INLET FITTING
	CERAMIC TILE STRIPE (DARK, CONTRASTING COLOR	4" PVC 92.86 GPM 2.37 FPS	PIPE SIZE FLOW RATE VELOCITY
		W W	PROPOSED 1" POLYETHYLENE WATER LINE

GENERAL NOTES

1. THE POOL'S ELECTRICAL SYSTEM AND ALL OTHER WIRING SHALL CONFORM TO ARTICLE 680 OF THE NATIONAL ELECTRICAL CODE.
2. ALL LIGHTING AND ELECTRICAL CIRCUITS PROVIDED IN THE POOL AND MECHANICAL AREAS ARE TO BE PROTECTED BY GROUND FAULT CIRCUIT INTERRUPTERS IN ACCORDANCE WITH THE UNIFORM CODE & THE NATIONAL ELECTRIC CODE. ALL ELECTRICAL FIXTURES SHALL BE U.L. APPROVED.
3. THERE SHALL BE NO OVERHEAD ELECTRIC LINES WITHIN 20' HORIZONTALLY OF THE PROPOSED SWIMMING POOLS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AN ELECTRICAL CERTIFICATION IDENTIFYING ALL ELECTRICAL COMPONENTS ASSOCIATED WITH THE POOL IN THE POOL ROOM AND MECHANICAL ROOM & SWIMMING POOL BONDING AND GROUNDING.
5. THERE IS TO BE NO FOOD CONCESSION AT THE POOL.
6. A POOL WATER TEST KIT SHALL BE AVAILABLE AT THE POOL AT ALL TIMES. THE TEST KIT SHALL BE A DPD TEST KIT WITH REAGENTS NO MORE THAN ONE YEAR OLD AND SHALL BE, AT A MINIMUM, CAPABLE OF MEASURING THE FOLLOWING:
   pH WITHIN A RANGE OF 6.8 TO 8.2
   ALKALINITY HARDNESS WITHIN A RANGE OF 20 mg/L TO 200 mg/L
   CHLORINE RESIDUAL WITHIN A RANGE OF 0.2 TO 3.0
7. TESTS SHALL BE CONDUCTED AND RECORDED FOR pH AND FREE AND TOTAL CHLORINE AT THE BEGINNING, DURING AND AT THE END OF EACH SWIMMING PERIOD.
8. OPERATION AND MAINTENANCE OF POOLS IS TO BE IN ACCORDANCE WITH THE STATE SANITARY CODE, CHAPTER 1, SUBPART 6-1, "SWIMMING POOLS". IF THE OWNER AND/OR OPERATOR IS UNFAMILIAR WITH THE REQUIREMENTS OF THIS CODE IT SHALL BE THEIR RESPONSIBILITY TO OBTAIN THE MOST RECENT COPY OF THIS CODE TO ENSURE COMPLIANCE.
9. SIGNAGE IN THE POOL AREA IS TO BE IN ACCORDANCE WITH THE STATE SANITARY CODE, CHAPTER 1, SUBPART 6-1, "SWIMMING POOLS". IF THE OWNER AND/OR OPERATOR IS UNFAMILIAR WITH THE REQUIREMENTS OF THIS CODE IT SHALL BE THEIR RESPONSIBILITY TO OBTAIN THE MOST RECENT COPY OF THIS CODE TO ENSURE COMPLIANCE.
10. POOL WATER MUST BE HELD FOR TEN DAYS PRIOR TO DISCHARGE TO ALLOW THE CHLORINE TO DISSIPATE. WATER BEING DISCHARGED MUST ALSO BE FREE OF ANY OTHER POLLUTANTS INCLUDING, BUT NOT LIMITED TO SLIMICIDES, BIOCIDES, ALGAECIDES, DETERGENTS AND CLEANERS. ALTERNATELY, A DE-CHLOR PRODUCT MAY BE USED AND THE POOL WATER TESTED TO BE CHEMICAL FREE PRIOR TO DISCHARGE.
11. ALL HOSE BIBS IN THE POOL AREA ARE TO BE PROVIDED WITH VACUUM BREAKERS.
12. A 5' MINIMUM CERAMIC TILE DECK, WITH NON-SLIP FINISH IS PROPOSED AROUND THE POOLS. A MINIMUM OF 5' CLEAR WIDTH SHALL BE MAINTAINED AROUND EACH POOL AT ALL TIMES.
13. THE PROPOSED DECK IS TO BE CONSTRUCTED WITH MINIMUM PITCH OF 1/4" PER FOOT AWAY FROM THE POOL.
14. THE CONTRACTOR SHALL REVIEW ALL MANUFACTURERS RECOMMENDATIONS AND REQUIREMENTS FOR ALL COMPONENTS TO BE INSTALLED. ANY REQUIREMENTS OR RECOMMENDATIONS REQUIRING DEVIATION FROM THE APPROVED PLANS SHALL REQUIRE PRIOR APPROVAL BY THE DESIGN ENGINEER AND/OR THE DEPARTMENT OF HEALTH.
15. A PORTABLE HAYWARD VACUUM CLEANER WITH A 1 1/2" DIAMETER, 50' LONG HOSE SHALL BE MAINTAINED AT THE POOL FACILITY.
16. A COMMERCIALLY PREPARED 24 UNIT FIRST AID KIT OR A SUPPLY OF BAND AIDS, BANDAGE COMPRESSES AND SELF ADHERING GAUZE BANDAGES; AND A POCKET FACE MASK TO ASSIST WITH CPR SHALL BE AVAILABLE AT THE POOL AT ALL TIMES.
17. THE FOLLOWING LIFESAVING EQUIPMENT SHALL BE AVAILABLE AND ACCESSIBLE AT THE POOL AT ALL TIMES:
    - 1 REACHING POLE (15' LONG MINIMUM)
    - 1 POCKET MASK
    - 2 18" DIAMETER RING BUOYS, WITH 15' OF ROPE
    - 1 SPINE BOARD
18. THE POOL SHALL BE EQUIPPED WITH AN APPROVED POOL ALARM(S) WHICH:
    1. IS CAPABLE OF DETECTING A CHILD ENTERING THE WATER AND GIVING AN AUDIBLE ALARM WHEN IT DETECTS A CHILD ENTERING THE WATER;
    2. IS AUDIBLE POOLSIDE AND AT ANOTHER LOCATION ON THE PREMISES WHERE THE SWIMMING POOL IS LOCATED;
    3. IS INSTALLED, USED AND MAINTAINED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS;
    4. IS CLASSIFIED BY UNDERWRITERS LABORATORY, INC. (OR OTHER APPROVED INDEPENDENT TESTING LABORATORY) TO:
       REFERENCE STANDARD ASTM F2208, ENTITLED "STANDARD SPECIFICATION FOR POOL ALARMS," AS ADOPTED IN 2002 AND EDITORIALLY CORRECTED IN JUNE 2005, PUBLISHED BY ASTM INTERNATIONAL, 100 BARR HARBOR DRIVE, WEST CONSHOHOCKEN, PA 19428, OR
       REFERENCE STANDARD ASTM F2208, ENTITLED "STANDARD SPECIFICATION FOR POOL ALARMS," AS ADOPTED IN 2007, PUBLISHED BY ASTM INTERNATIONAL, 100 BARR HARBOR DRIVE, WEST CONSHOHOCKEN, PA 19428; AND
       IS NOT AN ALARM DEVICE WHICH IS LOCATED ON PERSON(S) OR WHICH IS DEPENDENT ON PERSON(S) FOR ITS PROPER OPERATION.
       THE POOL ALARM MUST BE CAPABLE OF DETECTING ENTRY INTO THE WATER AT ANY POINT ON THE SURFACE OF THE SWIMMING POOL. IF NECESSARY TO PROVIDE DETECTION CAPABILITY AT EVERY POINT ON THE SURFACE OF THE SWIMMING POOL, MORE THAN ONE POOL ALARM SHALL BE INSTALLED.



SWIMMING POOL STEP & HANDRAIL DETAIL
N.T.S.

FOR HEALTH DEPARTMENT APPROVAL

THIS SHEET IS INCOMPLETE AND INVALID WITHOUT EACH AND EVERY OTHER SHEET LISTED IN THE TITLE BOX UNDER THE HEADING D.C.H.D. SHEET NO. _ OF _ .

DATE	DESCRIPTION
11/12/21	ORIGINAL PREPARATION DATE

HOPEWELL SENIOR LIVING SWIMMING POOL
672 ROUTE 82
TOWN OF EAST FISHKILL
DUTCHESS COUNTY, NEW YORK
TAX MAP #
132800-6357-04-924400-0000

PROJECT TITLE

SWIMMING POOL PLAN & SECTION VIEW

DRAWING TITLE

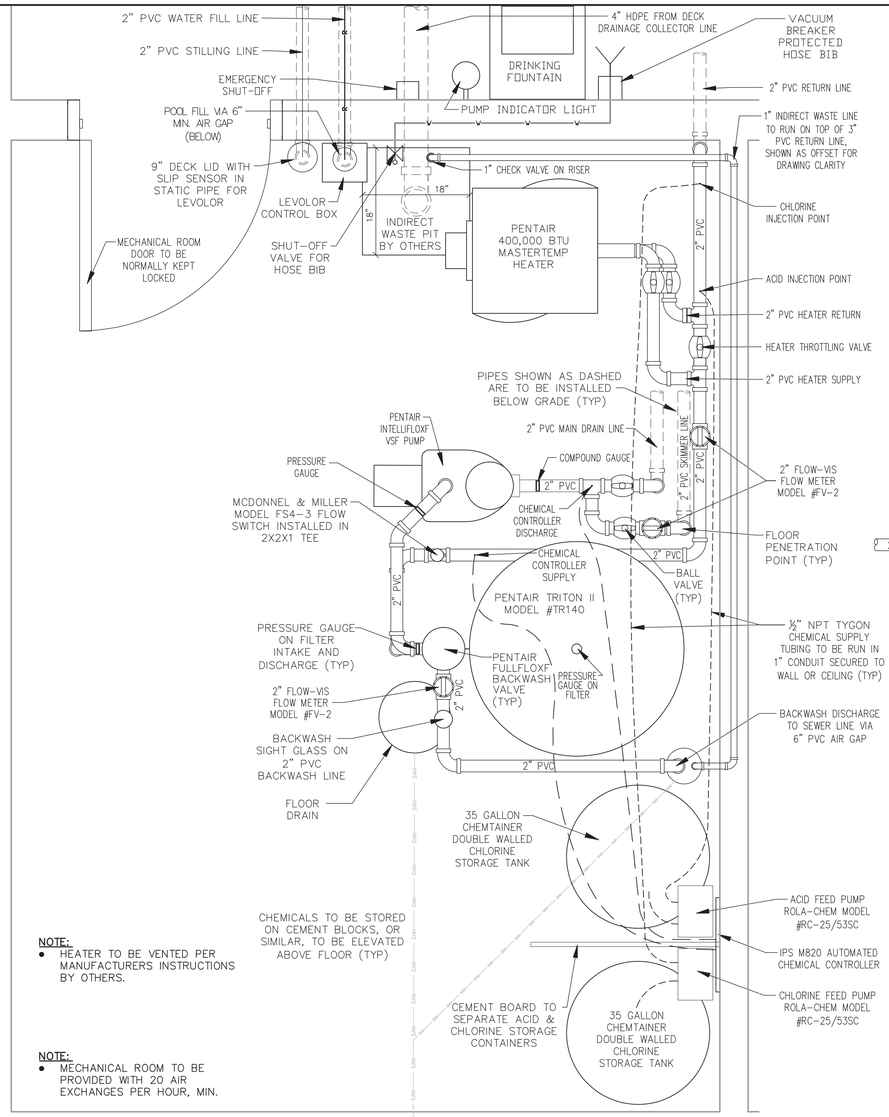
JOHN PETROCCIONE P.E. LICENSE NO. 078516 — STATE OF NEW YORK

11/12/21
SIGNATURE — DATE

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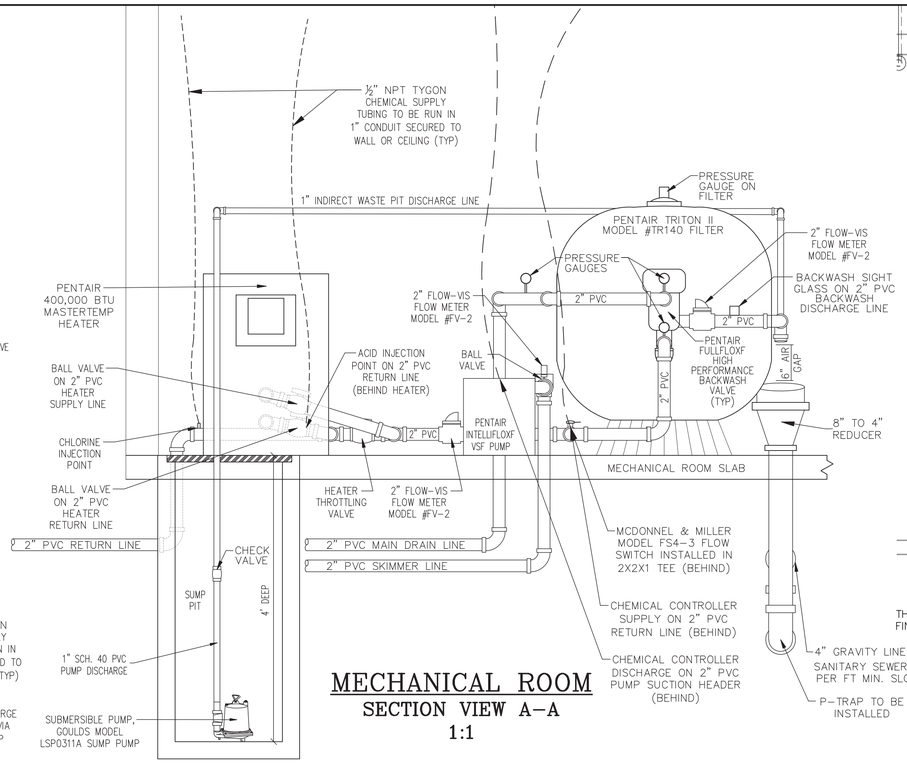
SCALE	PROJECT	CAD REFERENCE
1" = 3'	21201.01	HOPEWELL SENIOR LIVING
NYSDEC DWG.NO	DCHD DWG.NO	DWG.NO
N/A of N/A	2 of 4	2 of 4



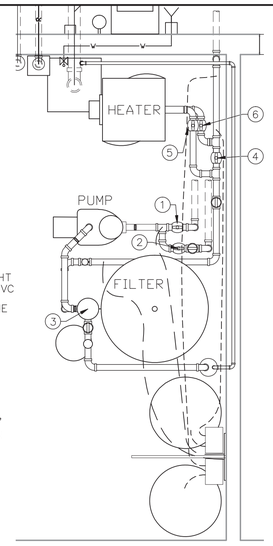
NOTE:
- HEATER TO BE VENTED PER MANUFACTURERS INSTRUCTIONS BY OTHERS.

CHEMICALS TO BE STORED ON CEMENT BLOCKS, OR SIMILAR, TO BE ELEVATED ABOVE FLOOR (TYP)

NOTE:
- MECHANICAL ROOM TO BE PROVIDED WITH 20 AIR EXCHANGES PER HOUR, MIN.



MECHANICAL ROOM
SECTION VIEW A-A
1:1



VALVE DIAGRAM
SCALE 1"=2'

THIS VALVE DIAGRAM IS BASED UPON AN AS-BUILT FINAL INPECTION PERFORMED ON _____.

VALVE SCHEDULE - SWIMMING POOL SYSTEM

SYSTEM DESIGN FLOW = 45 GPM

VALVE #	DESCRIPTION	SIZE	OPERATION					
			FILTER		BACK-WASH		DRAIN	
			O	C	O	C	O	C
1	MAIN DRAIN	2"	T		T		•	
2	SKIMMER	2"	•		•		*	*
3	BACKWASH VALVE	2"	SELECT DESIRED FUNCTION					
4	HEATER THROTTLE	2"	T		•		•	
5	HEATER INTAKE	2"	•			•		•
6	HEATER DISCHARGE	2"	•			•		•

THIS VALVE SCHEDULE IS BASED UPON AN AS-BUILT FINAL INPECTION PERFORMED ON _____.

- • DENOTES VALVE POSITION
- T DENOTES VALVE TO BE THROTTLED
- * SKIMMER VALVE MAY BE KEPT OPEN DURING DRAINING OPERATIONS OF UP TO 12" BELOW OPERATING LEVEL. FOR DRAINING BELOW THIS LEVEL, SKIMMER VALVE SHALL BE CLOSED.

SWIMMING POOL VALVE SCHEDULE

NOTE:
- A COPY OF THE POOL EQUIPMENT LIST, VALVE CHART AND VALVE DIAGRAM IS TO BE PROMINENTLY POSTED IN THE MECHANICAL ROOM.

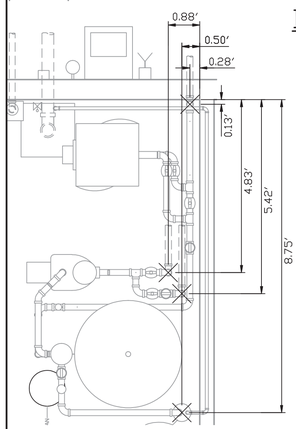
POOL DISCHARGE LINE SUMP PIT DETAIL
N.T.S.

PLUMBING NOTE:
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SUPPORT FOR ALL ELEVATED PIPING.
- WHERE PIPES ARE SHOWN TO CHANGE SIZE AT A FITTING, THE FITTING IS TO BE OF THE LARGER PIPE DIAMETER.
- ALL PLUMBING TO BE INSTALLED WITH CONTINUOUS SLOPE TOWARDS RECIRCULATION PUMP WITH THE EXCEPTION OF THE MAIN DRAIN PIPE. THE MAIN DRAIN PIPE IS TO BE SLOPED WITH A CONTINUOUS PITCH TOWARDS THE POOL.

NOTE:
- THE CONTRACTOR IS TO VERIFY THE DIMENSIONS OF THE MECHANICAL ROOM AND THE PROPOSED EQUIPMENT PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL CLEARLY LABEL EACH CHEMICAL CONTAINER IDENTIFYING THE CONTENTS.
- A SIGN REQUIRING THAT ALL CHEMICALS BE STORED IN CONTAINERS CLEARLY LABELED REGARDING THEIR CONTENTS SHALL BE POSTED IN THE MECHANICAL ROOM.

COLOR CODING:
ALL EXPOSED PIPING SHALL BE COLOR CODED IN ACCORDANCE WITH THE FOLLOWING TABLE:

PIPING	COLOR CODE	WASTE LINES	COLOR CODE
POTABLE WATER LINES	DARK BLUE	BACKWASH WASTE	DARK BROWN
FILTERED WATER	AQUA	SEWER (SEWER OR OTHER)	DARK GRAY
SKIMMER OR GUTTER RETURN	OLIVE GREEN	DECK DRAINS	LIGHT BROWN
MAIN DRAIN	BLACK		
ALUM	ORANGE	COMPRESSED AIR	DARK GREEN
CHLORINE (GAS/SOLUTION)	YELLOW	GAS	RED
SODA ASH	WHITE		
ACID	PINK		



PLUMBING PENETRATION PLAN
SCALE 1"=2'

MECHANICAL ROOM
PLAN VIEW
1:1

SWIMMING POOL EQUIPMENT LIST

ITEM	MANUFACTURER	MODEL	QUANTITY
PUMP	PENTAIR	INTELLIFLOXF VSF	1
FILTER	PENTAIR	TRITON II TR-140	1
MAIN DRAIN GRATE	LAWSON AQUATICS	MLD-SG-0909-WT	2
HYDROSTATIC RELIEF VALVE	PENTAIR	07017-0158	2
COLLECTOR TUBE	HAYWARD	SP1055	2
SKIMMER	HAYWARD	SP1082FVE	1
SKIMMER EQUALIZER LINE SUCTION COVER	AQUASTAR	4HP101	1
WALL INLET FITTING	PENTAIR	542087 WITH 3/4" EYEBALL	4
FLOW METER (RETURN LINE)	H2 FLOW CONTROLS	2" FLOW-VIS MODEL FV-2	1
FLOW METER (SKIMMER LINE)	H2 FLOW CONTROLS	2" FLOW-VIS MODEL FV-2	1
FLOW METER (BACKWASH LINE)	H2 FLOW CONTROLS	2" FLOW-VIS MODEL FV-2	1
CHLORINE PUMP	ROLACHEM	RC-25/53SC	1
ACID PUMP	ROLACHEM	RC-25/53SC	1
LADDERS	S.R. SMITH	LF-24-3B	1
COMPOUND GAUGE	MOULLER	2.016107, 30-0-30 PSI	1
PRESSURE GAUGE	MOULLER	2.016107, 0-60 PSI	3
HEATER	PENTAIR	MASTERTEMP MODEL #460775	1

GENERAL NOTES

1. AN ELECTRICAL INTERLOCK SHALL BE PROVIDED FOR THE CHEMICAL PUMPS. THE CHEMICAL PUMPS SHALL HAVE A DEDICATED OUTLET, HARD WIRED TO THE RECIRCULATION PUMP, SUCH THAT IF THE RECIRCULATION PUMP IS NOT ENERGIZED, THE CHEMICAL PUMPS CAN NOT OPERATE. THE ELECTRICAL INTERLOCK SHALL ALSO INCLUDE A FLOW SWITCH, INSTALLED AS SHOWN, WHICH SHALL BE ELECTRICALLY CONNECTED, SO AS TO INTERRUPT POWER TO THE CHEMICAL PUMP OUTLET & PUMP INDICATOR LIGHT. THE PUMP INDICATOR LIGHT IS TO BE INSTALLED SO AS TO BE CLEARLY VISIBLE FROM THE POOL AREA AND SHALL NORMALLY BE ON. THE LIGHT IS TO TURN OFF IF THE RECIRCULATION PUMP IS NOT OPERATING.
2. THE POOL'S ELECTRICAL SYSTEM AND ALL OTHER WIRING SHALL CONFORM TO ARTICLE 680 OF THE NATIONAL ELECTRICAL CODE.
3. ALL LIGHTING AND ELECTRICAL CIRCUITS PROVIDED IN THE POOL AREA AND MECHANICAL ROOM ARE TO BE PROTECTED BY GROUND FAULT CIRCUIT INTERRUPTERS IN ACCORDANCE WITH THE UNIFORM CODE & THE NATIONAL ELECTRIC CODE. ALL ELECTRICAL FIXTURES SHALL BE U.L. APPROVED.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AN ELECTRICAL CERTIFICATION IDENTIFYING ALL ELECTRICAL COMPONENTS ASSOCIATED WITH THE POOL IN THE POOL ROOM AND MECHANICAL ROOM & SWIMMING POOL BONDING AND GROUNDING.
5. THE POOL BUILDER SHALL PROVIDE A POOL OPERATION MANUAL. INCLUDED SHALL BE INSTRUCTIONS FOR EACH FILTER, PUMP, CHEMICAL FEED EQUIPMENT AND GENERAL OPERATION. DRAWINGS, ILLUSTRATIONS AND PARTS LISTS SHALL BE INCLUDED ALONG WITH INSTRUCTIONS FOR THE OPERATION AND MAINTENANCE OF ALL THE EQUIPMENT. THE MANUAL SHALL ALSO CONTAIN INSTRUCTIONS FOR THE WINTERIZATION OF ALL COMPONENTS OF THE POOL, INCLUDING THE POOL ITSELF, THE RECIRCULATION PLUMBING AND THE MECHANICAL EQUIPMENT.
6. POOL WATER MUST BE HELD FOR TEN DAYS PRIOR TO DISCHARGE TO ALLOW THE CHLORINE TO DISSIPATE. WATER BEING DISCHARGED MUST ALSO BE FREE OF ANY OTHER POLLUTANTS INCLUDING, BUT NOT LIMITED TO SLIMICIDES, BIOCIDES, ALGAECIDES, DETERGENTS AND CLEANERS. ALTERNATELY, A DE-CHLOR PRODUCT MAY BE USED AND THE POOL WATER TESTED TO BE CHEMICAL FREE PRIOR TO DISCHARGE.
7. ALL HOSE BIBS IN THE POOL AREA ARE TO BE PROVIDED WITH VACUUM BREAKERS.
8. ALL PIPING IS TO BE ASTM D1785 SCHEDULE 40 RIGID PVC WITH SCHEDULE 40 ASTM D2466 FITTINGS.
9. THE CONTRACTOR SHALL REVIEW ALL MANUFACTURERS RECOMMENDATIONS AND REQUIREMENTS FOR ALL COMPONENTS TO BE INSTALLED. ANY REQUIREMENTS OR RECOMMENDATIONS REQUIRING DEVIATION FROM THE APPROVED PLANS SHALL REQUIRE PRIOR APPROVAL BY THE DESIGN ENGINEER AND/OR THE DEPARTMENT OF HEALTH.
10. THE MECHANICAL ROOM IS TO BE PROVIDED WITH A VENTILATION SYSTEM CAPABLE OF PROVIDING 20 AIR CHANGES PER HOUR.
11. THE MECHANICAL ROOM IS TO BE PROVIDED WITH ARTIFICIAL LIGHTING SUFFICIENT TO CLEARLY ILLUMINATE ALL AREAS OF THE ENCLOSED SPACE.
12. A COMPREHENSIVE SET OF OPERATING INSTRUCTIONS SHALL BE PREPARED, LISTING EACH VALVE BY NUMBER, IN CONJUNCTION WITH A SIMPLE HYDRAULIC DIAGRAM, IDENTIFYING ALL VALVES. INSTRUCTIONS SHALL BE GIVEN FOR FILLING POOL, VACUUMING, DRAINING OF POOL, CHEMICAL TREATMENT, FILTERING, AND HEATER OPERATION. THE INSTRUCTIONS SHALL BE ENCASED IN A CLEAR PLEXIGLASS FRAME AND MOUNTED IN A PROMINENT PLACE IN THE POOL MECHANICAL ROOM.
13. THE EMERGENCY SHUT-OFF SHALL BE WIRED SUCH THAT POWER TO ALL ELECTRICAL COMPONENTS OF THE POOL, INCLUDING, BUT NOT LIMITED TO, THE RECIRCULATION PUMP, POOL HEATER, AND CHEMICAL PUMPS, IS INTERRUPTED WHEN THE SHUT-OFF IS ACTIVATED.
14. THE MECHANICAL ROOM EXHAUST FAN IS TO OPERATE CONTINUOUSLY AT ALL TIMES WHEN THERE ARE CHEMICALS PRESENT IN THE ROOM.

FOR HEALTH DEPARTMENT APPROVAL

THIS SHEET IS INCOMPLETE AND INVALID WITHOUT EACH AND EVERY OTHER SHEET LISTED IN THE TITLE BOX UNDER THE HEADING D.C.H.D. SHEET NO. _ OF _ .

11/12/21	ORIGINAL PREPARATION DATE
DATE	DESCRIPTION

HOPEWELL SENIOR LIVING SWIMMING POOL

672 ROUTE 82
TOWN OF EAST FISHKILL
DUTCHESS COUNTY, NEW YORK
TAX MAP #
132800-6357-04-924400-0000

PROJECT TITLE

MECHANICAL ROOM PLAN VIEW

DRAWING TITLE

JOHN PETROCCIONE — LICENSED PROFESSIONAL ENGINEER — STATE OF NEW YORK

11/12/21
SIGNATURE DATE

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.

JOHN PETROCCIONE P.E.
LICENSE NO. 078516
129 NEPTUNE DRIVE, MONROE, NEW YORK 10950
(845) 782-7725

SCALE	PROJECT	CAD REFERENCE
1" = 1'	21201.01	HOPEWELL SENIOR LIVING
NYSDEC DWG.NO	DCHD DWG.NO	DWG.NO
N/A of N/A	3 of 4	3 of 4

WARNING SIGNS ARE TO BE CONSPICUOUSLY POSTED IN THE POOL AREA, DRESSING ROOMS AND ANY OFFICES ASSOCIATED WITH THE POOL CONTAINING THE FOLLOWING INFORMATION:

POLLUTION OF SWIMMING POOL PROHIBITED. URINATING, DISCHARGE OF FECAL MATTER, EXPECTORATING OR BLOWING THE NOSE IN ANY SWIMMING POOL IS PROHIBITED.

PERSONS WITH INFLAMED EYES, NASAL OR EAR DISCHARGES, BOILS OR OTHER EVIDENCED SKIN OR BODILY INFECTIONS SHALL BE EXCLUDED FROM THE POOL.

NO RUNNING IS ALLOWED IN POOL AREA

MAXIMUM POOL CAPACITY: 12

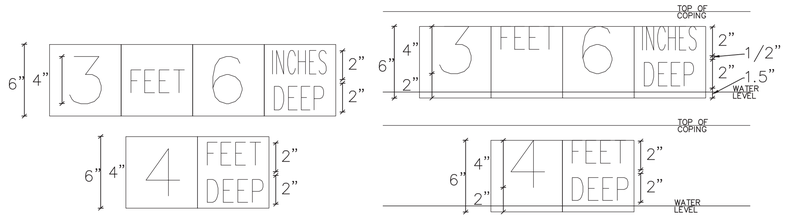
POOL HOURS 8:00 A.M. – 8:00 P.M.

POOL USE IS PROHIBITED AT ANY OTHER TIME.

NO FOOD OR GLASS CONTAINERS ARE PERMITTED AT THE POOL.

WARNING SIGN INFORMATION

NOTE:
THE SPECIFIC WORDING REGARDING POOL HOURS IS PRESENTED AS AN EXAMPLE. POOL HOURS ARE TO BE DETERMINED BY THE POOL OWNER/OPERATOR. THE INFORMATION MAYBE INCLUDED ON ONE SIGN, OR ON MULTIPLE SEPARATE SIGNS.



PLAN VIEW VERTICAL VIEW

POOL DEPTH MARKINGS

N.T.S.

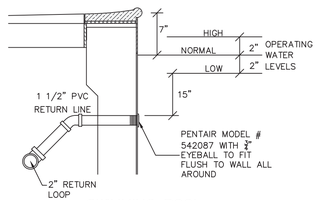
1. PRIOR TO INSTALLING THE DEPTH MARKERS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE WATER DEPTH 3' FROM THE EDGE OF THE POOL WALL, TO ENSURE PROPER PLACEMENT OF THE DEPTH MARKERS.
2. BACKGROUND AND NUMBERS TO BE CONTRASTING COLORS TO EACH OTHER AND ALSO TO POOL DECK.
3. MARKINGS ON POOL DECK TO BE CERAMIC TILE AND PROVIDED WITH A NO-SLIP SAND LIKE FINISH.
4. VERTICAL DEPTH MARKER TILES SHALL BE INLAYS TOP PRINT TILES OR EQUAL.



NO DIVING MARKER

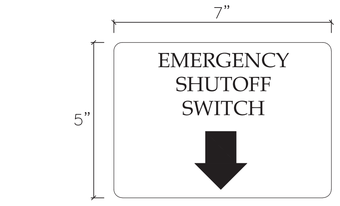
N.T.S.

*MARKINGS TO BE CERAMIC TILE AND PROVIDED WITH A NO-SLIP SAND LIKE FINISH.



SWIMMING POOL RETURN FITTING

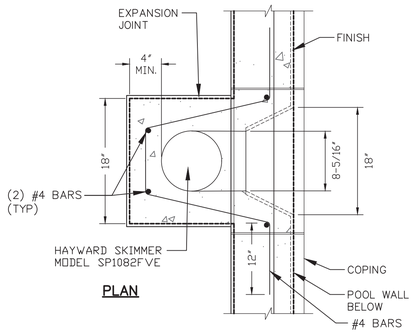
N.T.S.



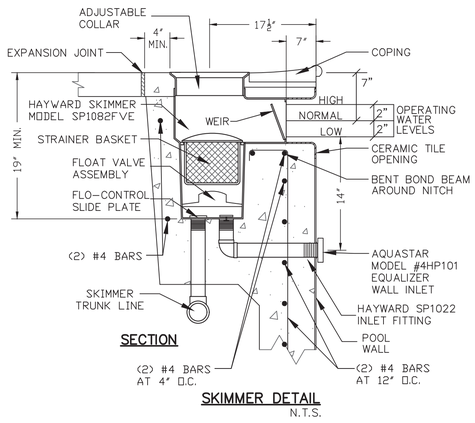
EMERGENCY SHUT OFF SIGN DETAIL

N.T.S.

NOTE:
TO BE INSTALLED ABOVE EMERGENCY SHUT OFF SWITCH.



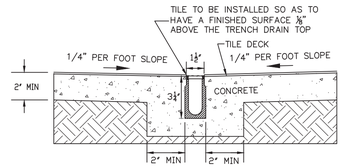
PLAN



SECTION

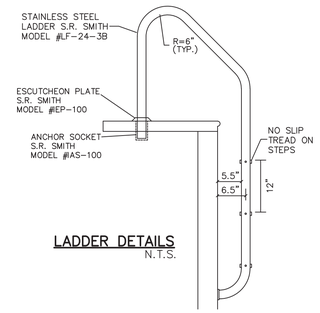
SKIMMER DETAIL

N.T.S.



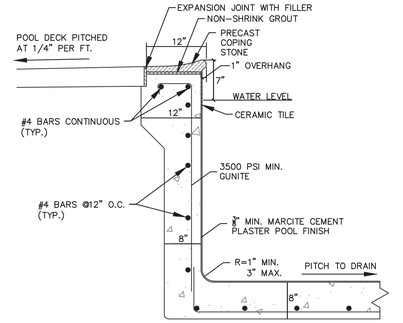
TRENCH DRAIN

THE TRENCH DRAIN IS TO BE A DECK-O-DRAIN DECK DRAIN AS MANUFACTURED BY W.R. MEADOWS. DECK DRAIN IS TO BE INSTALLED IN ACCORDANCE WITH ALL MANUFACTURERS RECOMMENDATIONS.



LADDER DETAILS

N.T.S.

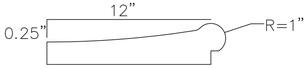


TYPICAL WALL SECTION

N.T.S.

NOTES:

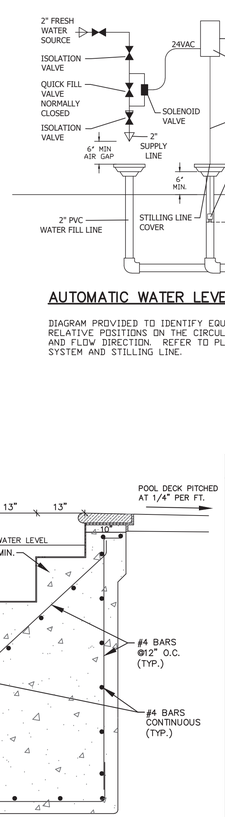
- A MINIMUM OF 3' OF STRAIGHT, VERTICAL WALL, MEASURED DOWN FROM THE WATER LEVEL, SHALL BE PROVIDED. THE RADIUS OF THE WALL/FLOOR JOINT SHALL BE BETWEEN 1" AND 3".



PRECAST COPING DETAIL

N.T.S.

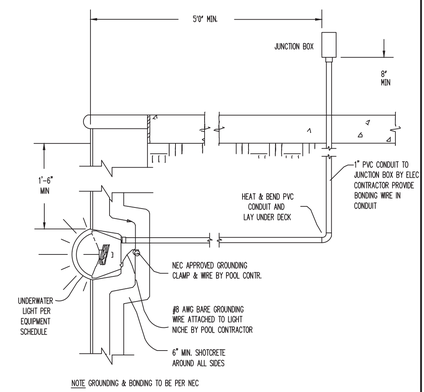
- COPING TO BE INSTALLED LEVEL ALONG POOL EDGE WITH A POSITIVE PITCH OF ¼" PER FOOT TO ENSURE ADEQUATE DRAINAGE AWAY FROM POOL.
- COPING STONE TO BE FEDERAL STONE DIAMOND TREAD, OR EQUAL



AUTOMATIC WATER LEVEL CONTROLLER

N.T.S.

DIAGRAM PROVIDED TO IDENTIFY EQUIPMENT AND ACCESSORIES, TO INDICATE RELATIVE POSITIONS ON THE CIRCULATION LOOP, AND TO SHOW PIPE SIZES AND FLOW DIRECTION. REFER TO PLAN FOR LOCATION OF AUTO FILL SYSTEM AND STILLING LINE.

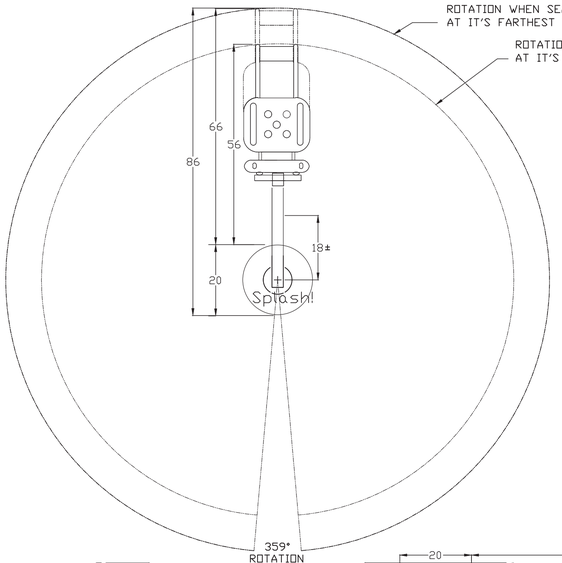


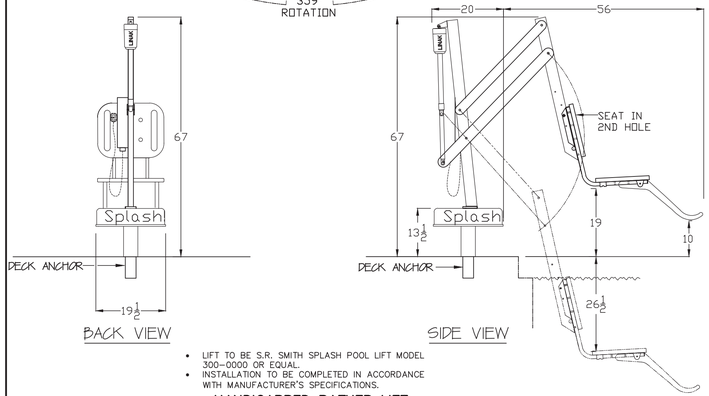
NOTE GROUNDING & BONDING TO BE PER NEC

POOL UNDERWATER LIGHT

N.T.S.

SPLASH! POOL LIFT

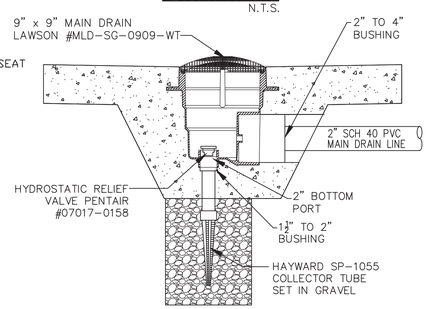




- LIFT TO BE S.R. SMITH SPLASH POOL LIFT MODEL 300-0000 OR EQUAL.
- INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

HANDICAPPED BATHER LIFT

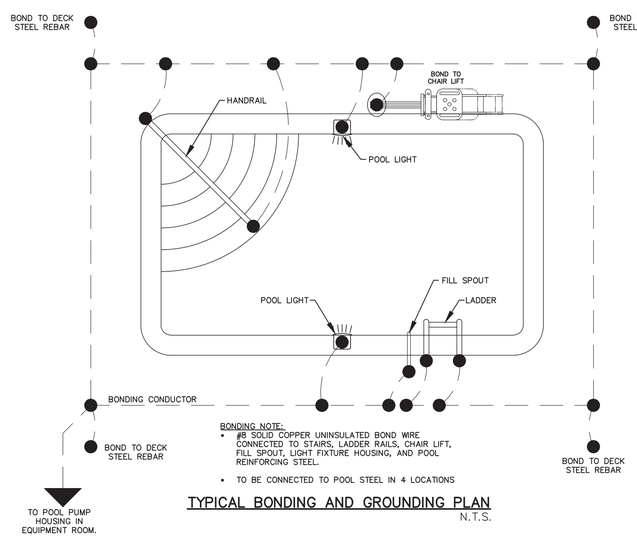
N.T.S.



POOL MAIN DRAIN DETAIL

N.T.S.

NOTE:
MAIN DRAIN GRATES MUST BE SECURELY IN PLACE AT ALL TIMES. THE MAIN DRAIN GRATES SHALL NOT BE REMOVABLE WITHOUT THE USE OF TOOLS.

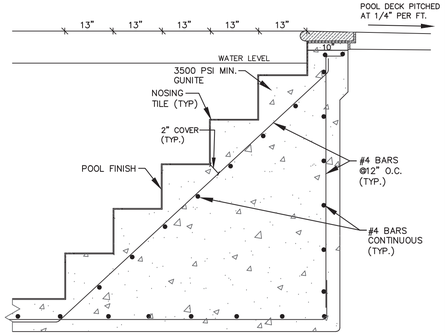


BONDING NOTE:

- #8 SOLID COPPER UNINSULATED BOND WIRE CONNECTED TO STAIRS, LADDER RAILS, CHAIR LIFT, FILL SPOUT, LIGHT FIXTURE HOUSING, AND POOL REINFORCING STEEL.
- TO BE CONNECTED TO POOL STEEL IN 4 LOCATIONS

TYPICAL BONDING AND GROUNDING PLAN

N.T.S.



TYPICAL STEP CONSTRUCTION DETAIL

N.T.S.

FOR HEALTH DEPARTMENT APPROVAL

THIS SHEET IS INCOMPLETE AND INVALID WITHOUT EACH AND EVERY OTHER SHEET LISTED IN THE TITLE BOX UNDER THE HEADING D.C.H.D. SHEET NO. _ OF _ .

11/12/21	ORIGINAL PREPARATION DATE
DATE	DESCRIPTION

HOPEWELL SENIOR LIVING
SWIMMING POOL

672 ROUTE 82
TOWN OF EAST FISHKILL
DUTCHESS COUNTY, NEW YORK
TAX MAP #
132800-6357-04-924400-0000

PROJECT TITLE

DETAILS

DRAWING TITLE

STATE OF NEW YORK — JOHN F. PETROCCIONE — 078516 — LICENSED PROFESSIONAL ENGINEER

SIGNATURE — DATE 11/12/21

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y.S. STATE EDUCATION LAW.

JOHN PETROCCIONE P.E.
LICENSE NO. 078516
129 NEPTUNE DRIVE, MONROE, NEW YORK 10950
(845) 782-7725

SCALE	PROJECT	CAD REFERENCE
AS NOTED	21201.01	HOPEWELL SENIOR LIVING
NYSDEC DWG.NO	DCHD DWG.NO	DWG.NO
N/A of N/A	4 of 4	4 of 4