

PROJECT DESCRIPTION

A 30 unit apartment building with some covered parking proposed....
*A mix of one bedroom and two bedroom apartments.

FIRE DEPT. SUMMARY

Fire Dept. Notes:

Smoke Detectors and Carbon Monoxide alarms must be installed IN ALL DWELLING UNITS, and be installed per 2021 IFC and fire alarm installation standards.

AN AUTOMATIC 513 FIRE-SPRINKLER SYSTEM AND MONITORED FIRE ALARM MUST BE INSTALLED PER NFPA REQUIREMENTS.

Note: building is < 200 feet long.

Wildfire Urban Interface Notes:

- The perimeter of the building will have 3/4" gravel landscape bed at perimeter of the building 10'-0" wid (min) or be pavement. See landscape plan.
- All evergreen trees with 30' plus of the structure will be removed to create a Defensible Zone around the Structure. All ladder fuels in the landscape to remain will be removed for a distance of 100' of the structure on the property to the west. The south of the building is an existing development with limited trees, and the east is a parging area.
- Roofing material will be a minimum Class 'B' material. Roof venting in soffits will occur in the outer 1/3 of the overhang, with non combustibile vent covers and metal screening with opening < 1/4".
- Decking will meet Class 'B' or better (ASTM-84 flame spread ratio)

CODE SUMMARY

This project falls under the jurisdiction of:

The Town of Eagle and Town of Building Department

The 2015 International Residential Code (IBC 2015)

The 2015 National Electrical Code

The 2021 International Fire Code

The Town of Eagle Development Code

Class of Work: New Construction

Type of Occupancy: Mixed use =R-2 (apartment), S2 (Parking Garage)

Type of Construction: Type V-B (Sprinklered)

Levels: 3-story over Basement (lower covered parking)

ZONING SUMMARY

Current Zoning: Residential Multi-Family (RMF) zoning.

Current Land Use: Vacant

Proposed Land Use: Residential Multi-Family (RMF) zoning.

Lot Area: 2,804 acres x 43,560 s.f. = 122,142.24 s.f.

Buildable Area: 83,605.69 (area not in open space zone)

Density: 30 dwelling unit permitted.

Maximum Lot Coverage:

Building footprint can be 50% of lot area (61,071.12 s.f.), all other impervious 20% (24,428.45 s.f.)

Building footprint area Proposed: 11,821.4 s.f. (19.7% lot area) < 61,071.12 s.f.

Site/other impervious Proposed: 21,573 s.f. (17.2% lot area) < 24,428.45 s.f. (area not covered by footprint)

Max floor area allowed = 150 % of lot area (183,213.36 s.f.)

Building floor area Proposed: 35,794.2 s.f. (29.3 % lot area) includes area of covered garages

(for break out of area per building see sheet A0.2)

Landscape Area Minimum: 40,386.34 s.f. (30% lot area)

Landscape Area Proposed: 89,096.74 s.f. (73 % lot area) (lot size -footprint+impervious)-landscape)

Height Maximum: 35'-0"

Height Proposed: 34'-5 1/2"

Parking Required: 1 1/2 per dwelling unit for units with one bedroom (1.5X6 = 9 stalls)
2 per dwelling unit for units with two bedrooms, (2X24 = 48 stalls)
2 1/2 per dwelling unit for units with three or more bedroom (2.5X30 = 0 stalls)
plus one additional space per six dwelling units (1/6 X 30 units = 5 stalls)
62 required parking stalls

Parking Proposed: 62 Parking Stalls (Conforming)

Snow Storage (20% of non covered parking = 20 X 21,574 s.f.) 4,315 s.f. of snow storage

Break down of unit types

LEVEL	1 BEDROOM	2 BEDROOM	3 BEDROOM
SECOND LEVEL	(2) ONE BDRM	(4) TWO BDRM	(0) THREE BDRM
THIRD LEVEL	(2) ONE BDRM	(10) TWO BDRM	(0) THREE BDRM
FOURTH LEVEL	(2) ONE BDRM	(8) TWO BDRM	(0) THREE BDRM
	(6) ONE BDRM	(24) TWO BDRM	(0) THREE BDRM

TOTAL =30 UNITS

Setbacks: Front Setback 25' for Local and collector streets

Side yard setback is 12.5' or 1/4 the height (max set back would be 17.5')

Rear setback 20'

MATERIALS & COLORS

Roofing:
50 -Year Asphalt shingle
Elk-Gaf, High Def, Weathered Wood

Flashing and Gutters:
Paint lock aluminum
Color: black

Decks: Synthetic Brazilian Walnut

Drive/Parking Lot: Asphalt drive

Windows: Fiberglass windows and doors
Color: Dark Bronze
Stair Tower Metal Siding:
Corrugated metal,
vertical, charcoal gray

Siding, 8" LP siding or Diamond kote
Color: SEAL

Timbers, trim, and fascia,
2x6 and 2x10 Fascia Trim
8x8 knee braces
Color: Graphite

Cement Stucco
Very Light Hand Trowel-freeform
square corners
Sto- Indiana Limestone LRV 60

Railing Pickets and rails
Black: 42" tall

Redi' Rock retain wall system

CODE REVIEW

Construction Type V-B has a limit of 3 stories. Proposed building is 3 stories above grade + basement

Sprinkler system, 513 in accordance with Section 903.3.1.1

Section 504.3 Allowable building height = 60 feet. Building by height limit by Dev. Code = 35'-0" (conforming)

Section 504.4 Maximum number of stories above grade plane for Occ. R2 =3 stories in V-B

Building proposed to be split to a 2 story + basement

Building is 3 stories + basement. The lowest level is a basement level since second level is <12'-0" above the finished ground level. Second level meets the definition for Story above grade plane.

Story above grade plane: Any story having its finished floor surface ENTIRELY above grade plane, or in which the finished surface of the floor next is: 1) more than 6' above grade plane or 2) more than 12' above the finished ground level at any point)

Section 506 Building area

Table 506.2

Type V-B, SM sprinkler system limits area to 21,000 s.f.

506.3 Frontage increase... based upon w= 30 feet. calculation

W=(L1Xw1+L2Xw2+L3Xw3+L4Xw4) / F

W= (63.125X30 + 196.75X30+ 63.125X30 + 196.75X30) / 519.75 feet perim.

W= (1893.75 + 5902.5 +1893.75 + 5902.5) / 519.75 feet perim.

W=(15,592.5) / 519.75 feet perim.

W= 30

506.3.3 Amount of increase

I= F/P -25]W/30

I= [519.75/519.75 -25]30/30

I= [75]1

I= 0.75 Frontage increase = 0.75 X7000 s.f. (allowable area in NS)= 5250 s.f.

Total area allowed for V-B, R2 building is 21,000 s.f.+ 5250 s.f. = 26,250 s.f.

Proposed fire areas per IBC 2015 = < 26,250 s.f.

Fire separation walls, fire barriers are added to divide the building into 3 separate buildings, 2 separately structured 1 hour walls, for a fire rating of 2 hours total between buildings and 2 hour enclosures at stairs towers and stair elevator tower. 2 hour rating on elevator shaft.

Table 508.4 Separation of occupancies, R2 residential, and S2 garage area

In a sprinklered building the separation of 1 hour is required

704.10 Exterior structural members, fire resistive rating per Table 601= 0 hour fire rating

Section 709 smoke barriers 710 smoke partitions

Dividing in horizontally into 2 or 3 building using 2 hour fire wall and 1.75 hour doors on hold opens

Area split on center line 'F' or 'F' and 'D'

Between centerline 'E' and 'T' bldg 'A' Between centerline 'A' and 'E' bldg 'B'

First floor= 2,296.4 s.f. First floor= 4,519.9 s.f.

Second floor= 2,136.6 s.f.

Second floor= 4,304.4 s.f.

Third floor= 3,963.3 s.f.

Third floor= 7,858.1 s.f.

Fourth floor= 3,449.8 s.f.

Fourth floor= 7,265.7 s.f.

Totals= 11,846.1 s.f. < 26,250 s.f. Total= 23,948.2 s.f. < 26,250 s.f. allowable area

Section 711.2.4.3 Dwelling units and sleeping units 1 hour fire resistance rated construction (exception for VB to 1/2 hour with sprinkler)

Fire sprinkler

[F]903.2.10 Group S-2 enclosed parking garages.

An automatic sprinkler system shall be provided throughout buildings classified as enclosed parking garages in accordance with Section 406.6 where either of the following conditions exists:

1. Where the fire area of the enclosed parking garage exceeds 12,000 square feet (1115 m2).

2. Where the enclosed parking garage is located beneath other groups.

[F]903.3.1.1 NFPA 13 sprinkler systems.

Where the provisions of this code require that a building or portion thereof be equipped throughout with an automatic sprinkler system in accordance with this section, sprinklers shall be installed throughout in accordance with NFPA 13 except as provided in Sections 903.3.1.1.1 and 903.3.1.1.2.

[F]903.3.1.1.2 Bathrooms.

In Group R occupancies, other than Group R-4 occupancies, sprinklers shall not be required in bathrooms that do not exceed 55 square feet (5 m2) in area and are located within individual dwelling units or sleeping units, provided that walls and ceilings, including the walls and ceilings behind a shower enclosure or tub, are of noncombustible or limited-combustible materials with a 15-minute thermal barrier rating.

[F]903.3.2 Quick-response and residential sprinklers.

Where automatic sprinkler systems are required by this code, quick-response or residential automatic sprinklers shall be installed in all of the following areas in accordance with Section 903.3.1 and their listings:

3. Dwelling units and sleeping units in Group I-1 and R occupancies.

OCCUPANT LOAD

1004.5 Max floor area allowance for Residential = 200 gross, parking garages= 200 gross

Bldg 'A' Area for residential, garage, corridors and stair wells =11,773.4 s.f. / 200 per occupant =58.87 persons

Bldg 'B' Area for residential, garage, and corridors =11,806.3 s.f. / 200 per occupant = 59.03 persons

Bldg 'C' Area for residential, garage, corridors and stair wells =12,037.6 s.f. / 200 per occupant = 60.19 persons

Total Building occupant load of 178.09 persons

Note: First level storage, elevator and stair wells are counted in total above.

If this area is deducted then the total occupant load is reduced by (4176.8 s.f./200= 20.88 persons)

1006 number of exits. Table 1006.2.1 (occupant load > 20 persons will require 2 exits) Max. common path of egress = Travel distance of 125 feet, Table 1006.3.2 min number of exits = 2 exits from each story

1007.1.1 TWO Exits shall be placed not less than 1/2 of the length of the maximum overall diagonal dimension of the building area. EXCEPTION::: WHERE THERE IS AUTO SPRINKLER SYSTEM THE DISTANCE SHALL NOT BE <1/3 OF THE LENGTH OF THE OVERALL DIAGONAL DIMENSION

Bldg 'A' Diagonal = 89.0 X .33 = 29.4 feet

Bldg 'B' Diagonal = 88.7 X .33 = 29.3 feet

Bldg 'C' Diagonal = 89.75 X .33 = 29.6 feet

Total Building Diagonal = 206.7 X .33= 68.2 feet

Distance between existing enclosures = 69.75 feet

SECTION 1009.7.4 48" clear width min between handrails PER, There is an exception that width can be reduced in bldgs. with sprinkler systems, Stairs are proposed at 48"

Section 1009.3.3 Area of refuge is not required with auto sprinkler system or at stairways in R-2 occupancies

Section 1009.4.2 Area of refuge at elevators is not required with auto sprinkler system

Section 1009.8 two way communication is required at elevator

435 EBY CREEK APARTMENTS

435 EBY CREEK ROAD

Subdivision: PERRY SUBDIVISION Lot: 3, PHASE II

6-22-22

UPDATED DEVELOPMENT PERMIT SET



NOTE: RENDERINGS ARE ARTISTIC REPRESENTATIONS OF THE HOUSE DESIGN AND ARE NOT MEANT TO ACCURATELY DEPICT LANDSCAPING.



ARCHITECTURAL SHEET LIST

Sheet #	Sheet Name
A0.0	COVER SHEET
A0.2	AREA PLANS AND CODE SHEET
A1.1	SITE PLAN
A1.2	LANDSCAPE PLAN
A2.0.1	UNIT PLANS
A2.1	FIRST LEVEL PLAN
A2.1.1	1ST LEVEL PLAN AREA 1
A2.1.2	1ST LEVEL PLAN AREA 2
A2.2	SECOND LEVEL PLAN
A2.2.1	2ND LEVEL AREA 1
A2.2.2	2ND LEVEL AREA 2
A2.3	THIRD LEVEL PLAN
A2.3.1	3RD LEVEL PLAN AREA 1
A2.3.2	3RD LEVEL PLAN AREA 2
A2.4	FOURTH LEVEL PLAN
A2.4.1	4TH LEVEL PLAN AREA 1
A2.4.2	4TH LEVEL PLAN AREA 2
A2.5	ROOF PLAN
A3.0	EXTERIOR ELEVATIONS
A3.1	EXTERIOR ELEVATIONS
A3.2	EXTERIOR ELEVATIONS
A4.0	BUILDING SECTIONS
A4.1	BUILDING SECTIONS

PROJECT INFORMATION

Owner: Son-Ray LLC
PO Box 4556
Eagle, CO 81631
Email: Rick@PCIVail.com
Office: 970-328-7751

Location: 000435 EBY CREEK RD,
Subdivision: PERRY SUBDIVISION
Lot: 3 PHASE II

Parcel # 1939-321-10-004

Architect: JEFFREY P MANLEY, AIA
Martin Manley Architects
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970-688-0326

Structural Engineer: Anderson Structural Engineering

General Contractor: Patriacca Constriction Inc
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Email: Rick@PCIVail.com
Office: 970-328-7751

Civil Engineer: Yarnell Consulting & Civil Design, LLC
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Geotechnical: HP Kumar and Associates

Fire Protection Consultant: VERITAS Fire Engineering, Inc.
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Surveyor: Meridian Land Surveying, LLC
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Gypsum, CO 81637
ewatts.mls@gmail.com

Traffic Consultant:

MEP Engineer: Boulder engineering
Michael Vair, PE
Office: 303-444-6038 x103
michael@boulderengineering.com

MARTIN MANLEY
ARCHITECTS

REVISIONS	Description	Date
No.		

435 EBY CREEK APARTMENTS

Subdivision: PERRY SUBDIVISION Lot: 3, PHASE II
UPDATED DEVELOPMENT PERMIT SET

NOT FOR CONSTRUCTION

Date : 6-22-22

Project Number: 2175

COVER SHEET

A0.0

BLDG A -AREA SCHEDULE (NO GARAGE)		
Name	Area	
BLDG A- FIRST LEVEL ENTRY VESITBULE/ STAIR	310.6	SF
BLDG A- FIRST LEVEL STORAGE AREA	721.8	SF
BLDG A- FOURTH LEVEL AREA	3449.8	SF
BLDG A- SECOND LEVEL AREA	2136.6	SF
BLDG A- THIRD LEVEL AREA	3963.3	SF
Grand total: 5	10582.1	SF

BLDG A -AREA SCHEDULE (WITH GARAGE)		
Name	Area	
BLDG A- .OPEN GARAGE AREA	1264	SF
BLDG A- FIRST LEVEL ENTRY VESITBULE/ STAIR	310.6	SF
BLDG A- FIRST LEVEL STORAGE AREA	721.8	SF
BLDG A- FOURTH LEVEL AREA	3449.8	SF
BLDG A- SECOND LEVEL AREA	2136.6	SF
BLDG A- THIRD LEVEL AREA	3963.3	SF
Grand total: 6	11846.1	SF

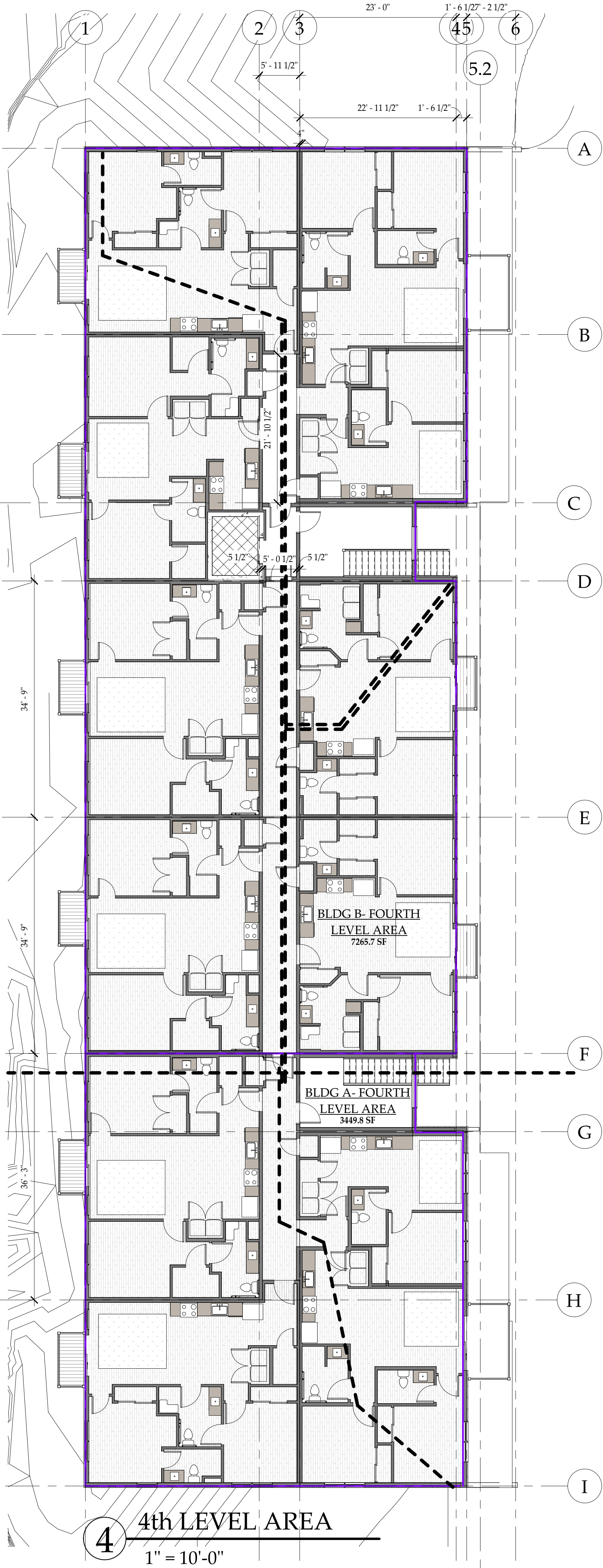
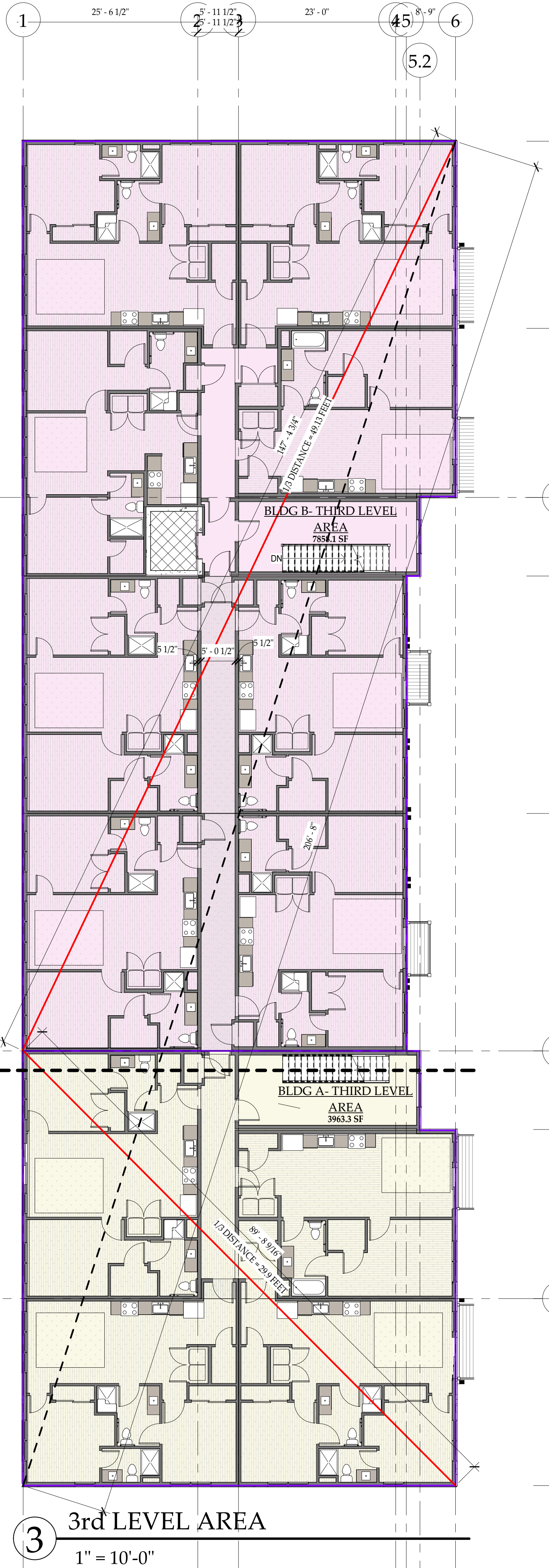
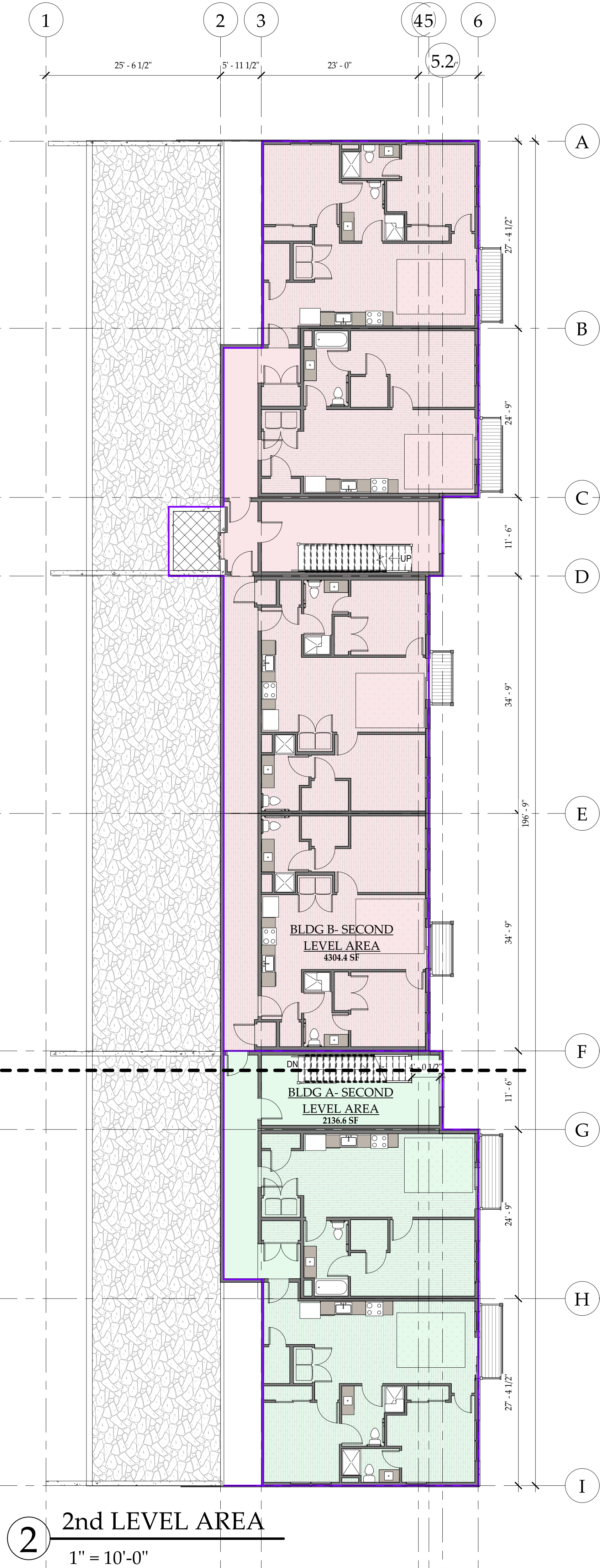
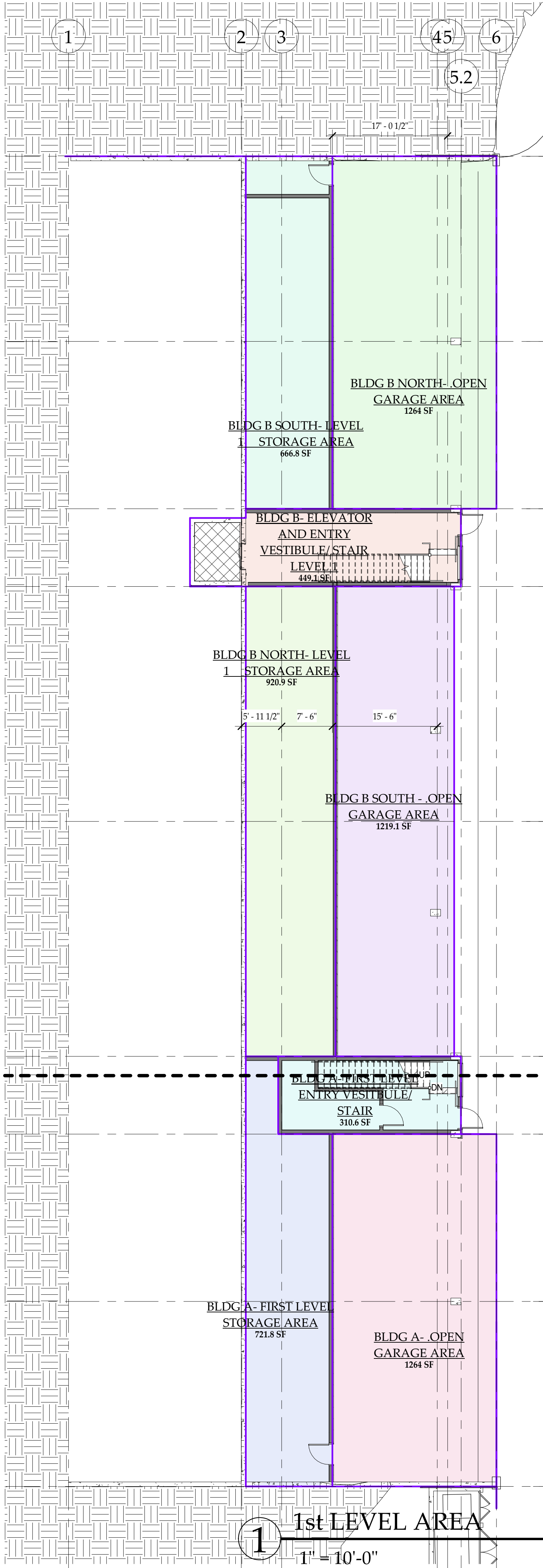
BLDG B -AREA SCHEDULE (NO GARAGE)		
Name	Area	
BLDG B NORTH- LEVEL 1 STORAGE AREA	920.9	SF
BLDG B SOUTH- LEVEL 1 STORAGE AREA	666.8	SF
BLDG B- ELEVATOR AND ENTRY VESTIBULE/ STAIR LEVEL 1	449.1	SF
BLDG B- FOURTH LEVEL AREA	7265.7	SF
BLDG B- SECOND LEVEL AREA	4304.4	SF
BLDG B- THIRD LEVEL AREA	7858.1	SF
Grand total: 6	21465	SF

BLDG B -AREA SCHEDULE (WITH GARAGE)		
Name	Area	
BLDG B NORTH- .OPEN GARAGE AREA	1264	SF
BLDG B NORTH- LEVEL 1 STORAGE AREA	920.9	SF
BLDG B SOUTH - .OPEN GARAGE AREA	1219.1	SF
BLDG B SOUTH- LEVEL 1 STORAGE AREA	666.8	SF
BLDG B- ELEVATOR AND ENTRY VESTIBULE/ STAIR LEVEL 1	449.1	SF
BLDG B- FOURTH LEVEL AREA	7265.7	SF
BLDG B- SECOND LEVEL AREA	4304.4	SF
BLDG B- THIRD LEVEL AREA	7858.1	SF
Grand total: 8	23948.2	SF

AREA SCHEDULE (NO GARAGE OR STORAGE)		
Name	Area	
BLDG A- FIRST LEVEL ENTRY VESITBULE/ STAIR	310.6	SF
BLDG A- FIRST LEVEL STORAGE AREA	721.8	SF
BLDG A- FOURTH LEVEL AREA	3449.8	SF
BLDG A- SECOND LEVEL AREA	2136.6	SF
BLDG A- THIRD LEVEL AREA	3963.3	SF
BLDG B NORTH- LEVEL 1 STORAGE AREA	920.9	SF
BLDG B SOUTH- LEVEL 1 STORAGE AREA	666.8	SF
BLDG B- ELEVATOR AND ENTRY VESTIBULE/ STAIR LEVEL 1	449.1	SF
BLDG B- FOURTH LEVEL AREA	7265.7	SF
BLDG B- SECOND LEVEL AREA	4304.4	SF
BLDG B- THIRD LEVEL AREA	7858.1	SF
Grand total: 11	32047.1	SF

AREA SCHEDULE (GARAGE)		
Name	Area	
BLDG A- .OPEN GARAGE AREA	1264	SF
BLDG B NORTH- .OPEN GARAGE AREA	1264	SF
BLDG B SOUTH - .OPEN GARAGE AREA	1219.1	SF
Grand total: 3	3747.2	SF

AREA SCHEDULE (total area)		
Name	Area	
BLDG A- .OPEN GARAGE AREA	1264	SF
BLDG A- FIRST LEVEL ENTRY VESITBULE/ STAIR	310.6	SF
BLDG A- FIRST LEVEL STORAGE AREA	721.8	SF
BLDG A- FOURTH LEVEL AREA	3449.8	SF
BLDG A- SECOND LEVEL AREA	2136.6	SF
BLDG A- THIRD LEVEL AREA	3963.3	SF
BLDG B NORTH- .OPEN GARAGE AREA	1264	SF
BLDG B NORTH- LEVEL 1 STORAGE AREA	920.9	SF
BLDG B SOUTH - .OPEN GARAGE AREA	1219.1	SF
BLDG B SOUTH- LEVEL 1 STORAGE AREA	666.8	SF
BLDG B- ELEVATOR AND ENTRY VESTIBULE/ STAIR LEVEL 1	449.1	SF
BLDG B- FOURTH LEVEL AREA	7265.7	SF
BLDG B- SECOND LEVEL AREA	4304.4	SF
BLDG B- THIRD LEVEL AREA	7858.1	SF
Grand total: 14	35794.3	SF



MARTIN MANLEY
ARCHITECTS

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REVISIONS		Date
No.	Description	

Consultant Address Phone E-mail
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435 EBY CREEK APARTMENTS

435 EBY CREEK ROAD
Subdivision: PERRY SUBDIVISION Lot: 3, PHASE II
UPDATED DEVELOPMENT PERMIT SET

NOT FOR CONSTRUCTION

Date: 6-22-22
Project number: 2175
AREA PLANS AND CODE SHEET

A0.2

4335 EBY CREEK APARTMENTS

435 EBY CREEK ROAD
Subdivision: PERRY SUBDIVISION Lot: 3, PHASE II
UPDATED DEVELOPMENT PERMIT SET

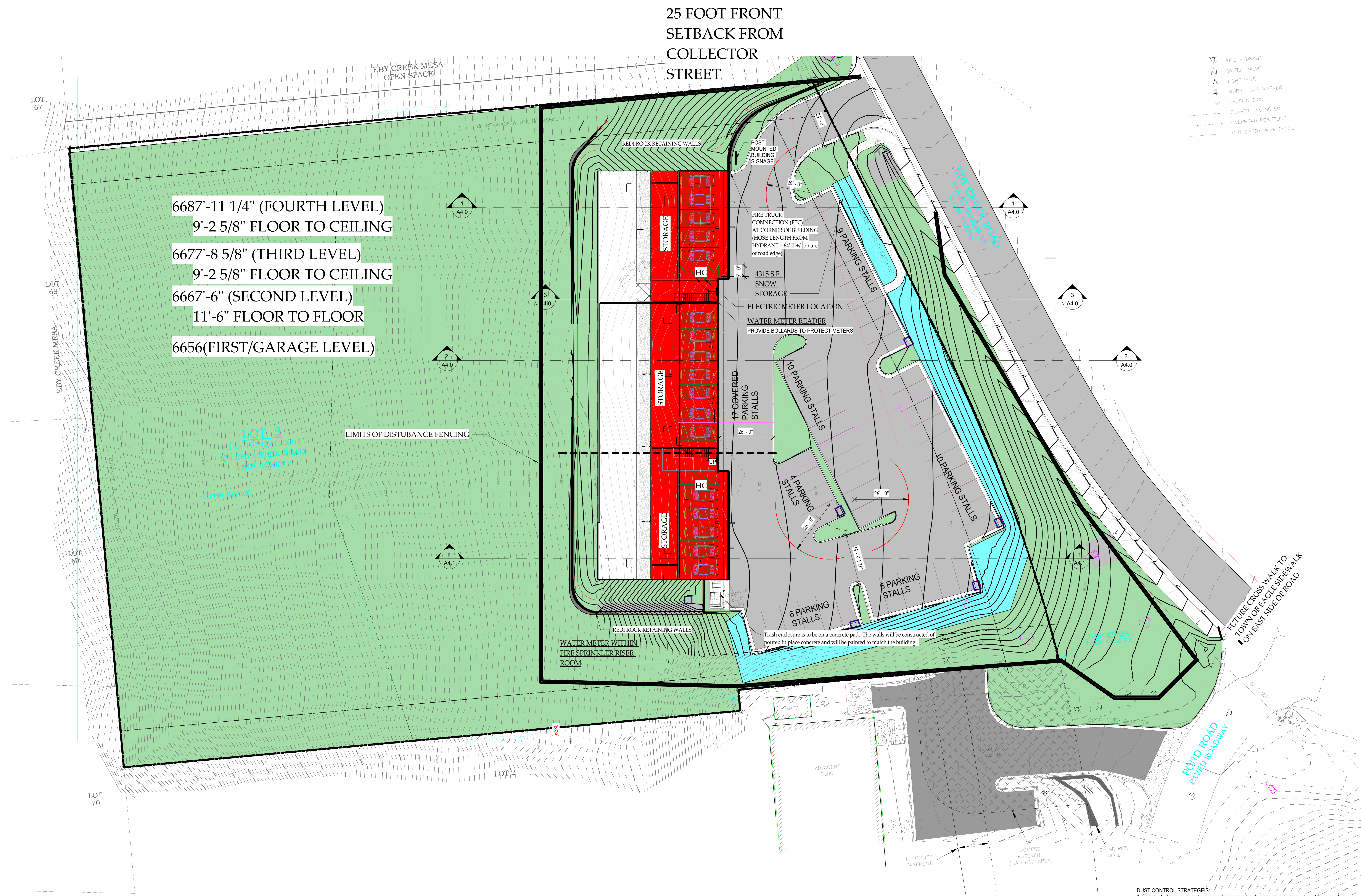
NOT FOR CONSTRUCTION

Date:	6-22-22
Project number:	2175
SITE PLAN	
A1.1	

Parking Matrix: Section 4.07.140. - Parking standards.
Multiple-family dwelling: 1½ per dwelling unit for units with one bedroom, two per dwelling unit for units with two bedrooms, 2½ per dwelling unit for units with three or more bedrooms, plus one additional space per six dwelling units.

(7) 1 bedroom X 1 ½ per dwelling unit = 10.5 Parking stalls
 (2) 2 bedroom X 2 per dwelling unit = 42 Parking stalls
 (2) 3 bedroom X 2 ½ per dwelling unit = 5 Parking stalls
 1 stall per 5 units (30 units/6) = 5 Parking stalls
Total Parking Required **62.5 Parking stalls or 63 Parking stalls**

63 parking stalls shown,



DUST CONTROL STRATEGIES:

1. Soil stockpile areas must be covered or sprayed with a palliative to prevent dust from wind and all travel routes shall be treated to prevent dust during dry periods.
2. During construction, all driveway, parking and lay-down areas must be covered with at least three inches of three quarter inch screened rock.
3. During construction, all sediment control features and fencing must be maintained in good working order.
4. If needed, public roads adjacent to the Construction Site must be scraped and/or broomed at the end of the workday to remove transported material.

1 0 SITE PLAN
1" = 20'-0"



Symbol	Name	Size	Count
Conifer Trees			0
Deciduous Trees			36
QA	QUAKING ASPEN (POPULUS TREMULOIDES)	2" to 2.5" CAL.	29
FC	FRUITLESS FLOWERING CRABAPPLE (Malus 'Spring Snow') (15' TALL MATURE HT)	2" CAL.	7
Deciduous Shrubs			76
SP	SPIREA, ANTHONY WATERER (Spirea japonica 'Anthony Waterer')	#5	18
LL	DWARF KOREAN LILAC (SYRINGA MEYERI 'PALABIN') OR Fendler ceanothus, mountain-lilac	#5.	23
CE	COTONEASTER DAMMERI CORAL BEAUTY (COTONEASTER DAMMERI)	#5	15
SB	SHADBLow SERVICEBERRY (Amelanchier canadensis)	#5	20
Perennial Ground covers			
GC	SNOW IN SUMMER, STONECROP, CREEPING PHLOX, NATIVE LOW-GROW GRASSES, ROCKY MTN. FESCUE	2900 square feet of cover. Provide drip irrigation	
Mulched Areas			
MULCH	SHREDDED BARK MULCHED AREA - AROUND TREES AND SHRUBS NOT COVERED BY GROUND COVER	1000 square feet of cover.	
Natural Grass Areas (reveg)			28,000 square feet of cover.
NG	MIX OF GRASSES AND FESCUE SEED, ARKANSAS VALLEY SEED COMPANY, NATIVE LOW GROW MOUNTAIN MIX. AREAS ARE TO SPRAYED WITH A FERTILIZER AND SEED MIX. EFFORT TO BE MADE TO KEEP ALL FERTILIZER OUT WATER SHED	Spray seed mix. in revegetated areas to return to a more native look. Use temp drip irrigation in areas to 3 growing seasons and remove once reestablished	

IRRIGATION NOTE:
1. ALL RESEEDED AREAS AND AROUND TREES ARE TO RECIEVE TEMPORARY DRIP IRRIGATION TI REMAIN IN PLACE FOR 3 GROWING SEASONS OR UNTIL ESTABLISHED
2. THE GROUND COVER AND PLANTING BEDS ARE TO RECIEVE PERMANENT DRIP IRRIGATION 2900 S.F. (THIS AREA IS IN THE FRONT STREET BUFFER AND SOUTH SIDE PARKING LOT BUFFER AREAS) THIS IS PERMANENT IRRIGATION
3. All irrigation piping in the TOE Right Of Way or Easements must be locatable, meet all COB11 requirements and be registered in the Colorado 811 System. Only temp irrigation is planned at this time in these areas.

TOTAL OF PERMANENT DRIP IRRIGATION AREA OF 2900 S.F.

EROSION CONTROL & SITE PROTECTION NOTES & SPECIFICATIONS:

1. SILT FENCING IS TO BE PLACED AT THE LIMIT OF DISTURBANCE AS NEEDED TO PREVENT EROSION AND SEDIMENTATION. A CONSTRUCTION FENCE WILL BE PLACED AT THE LIMIT OF DISTURBANCE WHERE THE SILT FENCE IS NOT USED.
2. SILT FENCING IS TO BE PLACED AT BASES OF FILL AND SOIL STOCKPILES TO PREVENT EROSION AND SEDIMENTATION.
3. STRAW HATTLES SHALL BE PLACED AT ALL EXISTING AND PROPOSED DRAINAGE SHALES.
4. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED IN PLACE UNTIL CONSTRUCTION IS COMPLETED.
5. ALL DISTURBED AREAS NOT DESIGNATED AS SHRUB BEDS OR PERENNIAL BEDS SHALL BE REVEGETATED WITH THE SPECIFIED SEED MIXTURE. SEE PLANTING NOTES & PLANTING PLAN FOR MORE INFORMATION.
6. PROVIDE SILT FENCE AROUND ALL REVEGETATED AREAS FOR A MINIMUM OF ONE YEAR PERIOD OF ESTABLISHMENT.

LANDSCAPE LEGEND

1/8" = 1'-0"

1 0 LANDSCAPE PLAN

1" = 20'-0"

DUST CONTROL STRATEGIES:

1. Soil stockpile areas must be covered or sprayed with a palliative to prevent dust from wind, and all travel routes shall be treated to prevent dust during dry periods.
2. During construction, all driveway, parking and lay-down areas must be covered with at least three inches of three quarter inch screened rock.
3. During construction, all sediment control features and fencing must be maintained in good working order.
4. If needed, public roads adjacent to the Construction Site must be scraped and/or broomed at the end of the workday to remove transported material.

Lot size: 2.804 acres (43,560 sf.) = 122,142.24 s.f.

Lot Area: 2.804 acres x 43,560 s.f. = **122,142.24 s.f.**
Buildable Area : **85,605.69** (area not in open space zone)

Allowable use allows for a rate of 4000 s.f. per dwelling unit or 30.53 units allowed by right.
Density: 30 dwelling unit permitted.

Maxium Lot Coverage:
Building footprint can be 50% of lot area (61,071.12 s.f.), all other impervious 20% (24,428.45 s.f.)
Building footprint area Proposed: 11,798.5 s.f. (10% lot area) < 61,071.12 s.f.
Site/other impervious Proposed: 21,247 s.f. (17% lot area) < 24,428.45 s.f. (area not covered by footprint)

Max floor area allowed = 150 % of lot area (183,213.36 s.f.)
Building floor area Proposed: 36,087.8 s.f. (29.5 % lot area) includes area of covered garages (for break out of area per building see below code analysis and on sheet A0.2)

Landscaping Area Minimum: 40,306.94 s.f. (30% lot area)
Landscaping Area Proposed: 89,096.74 s.f. (73 % lot area) (lot size -footprint+impervious)=landscape

435 EBY CREEK APARTMENTS

435 EBY CREEK ROAD
Subdivision: PERRY SUBDIVISION Lot: 3, PHASE II
UPDATED DEVELOPMENT PERMIT SET

NOT FOR CONSTRUCTION

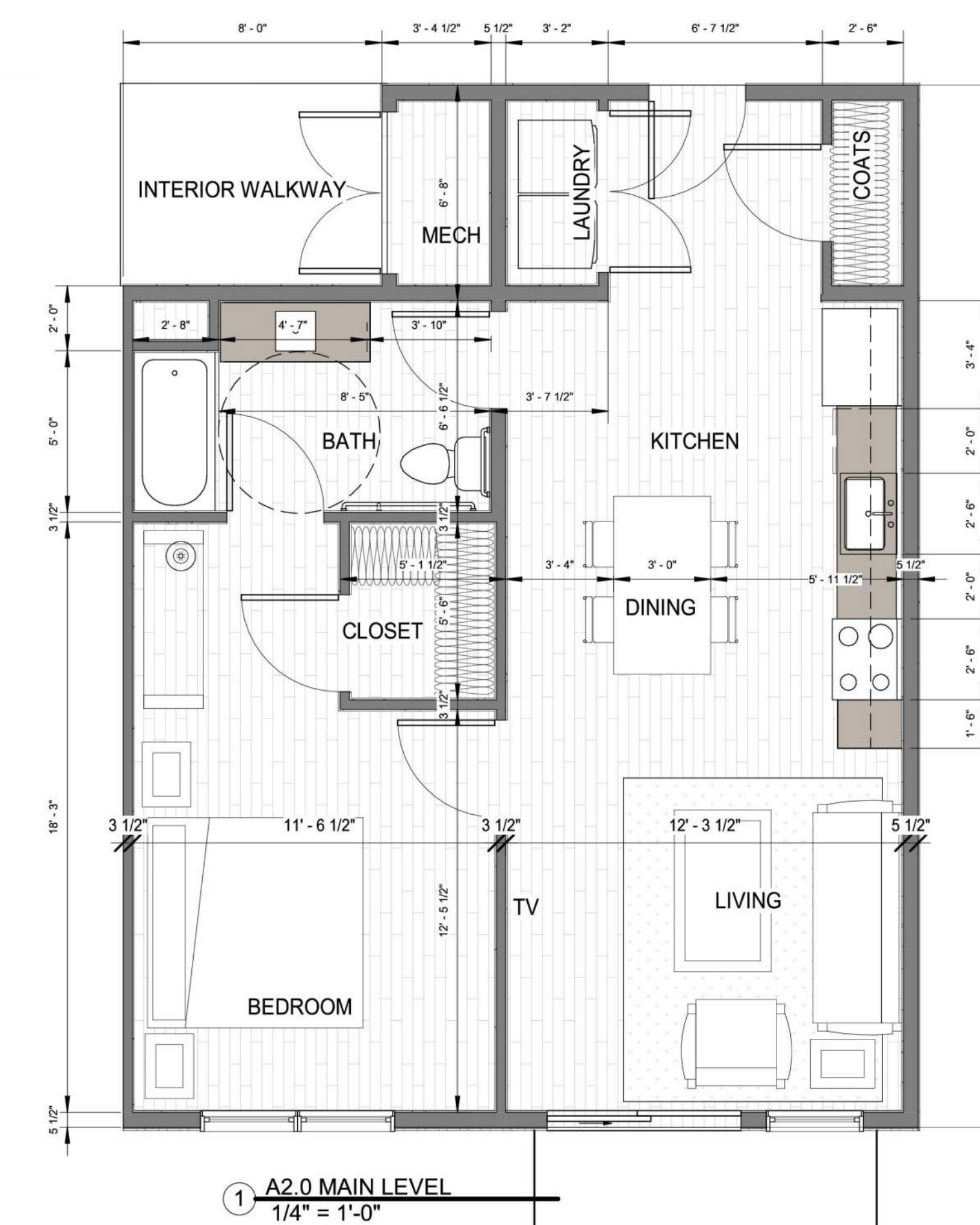
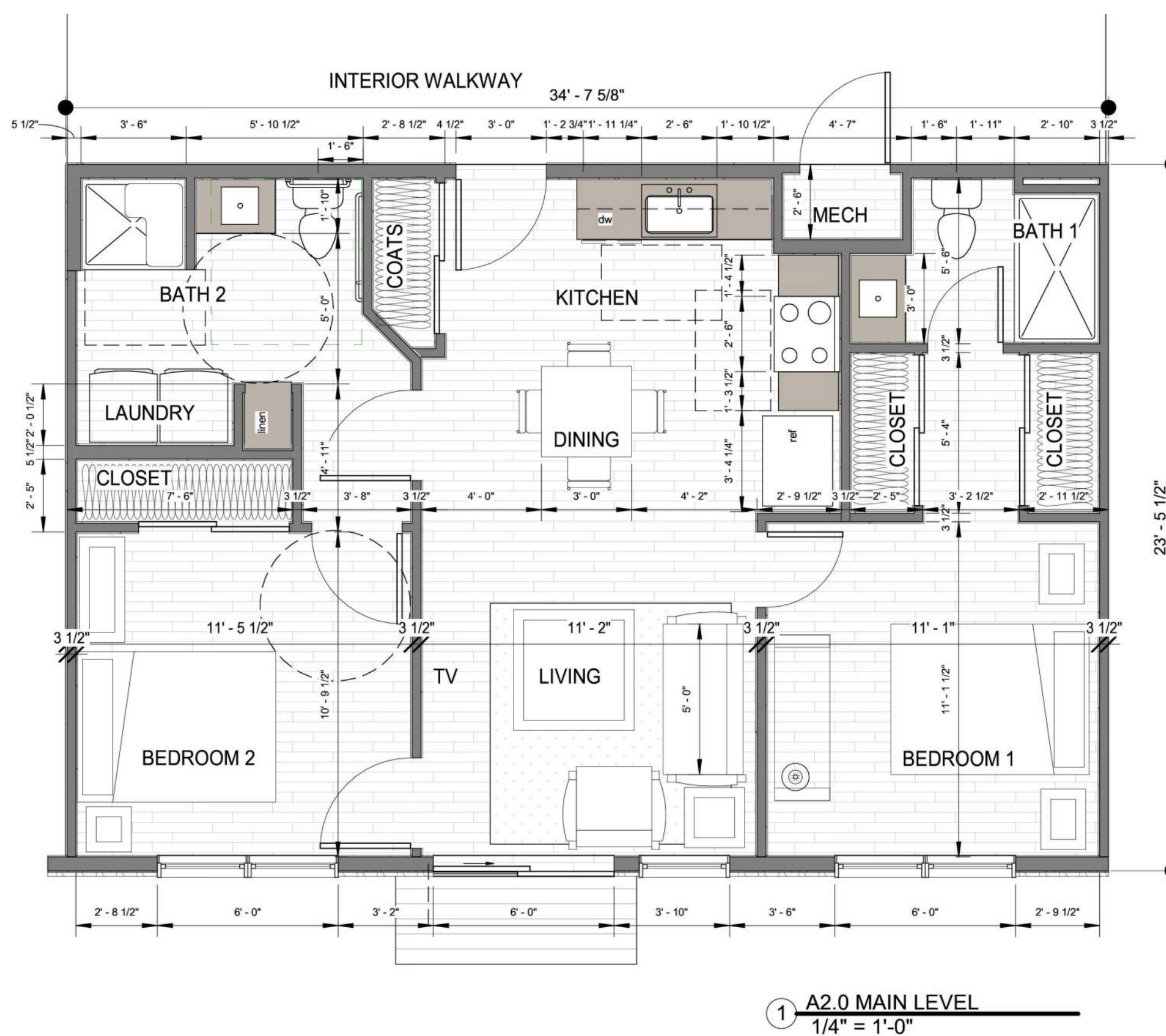
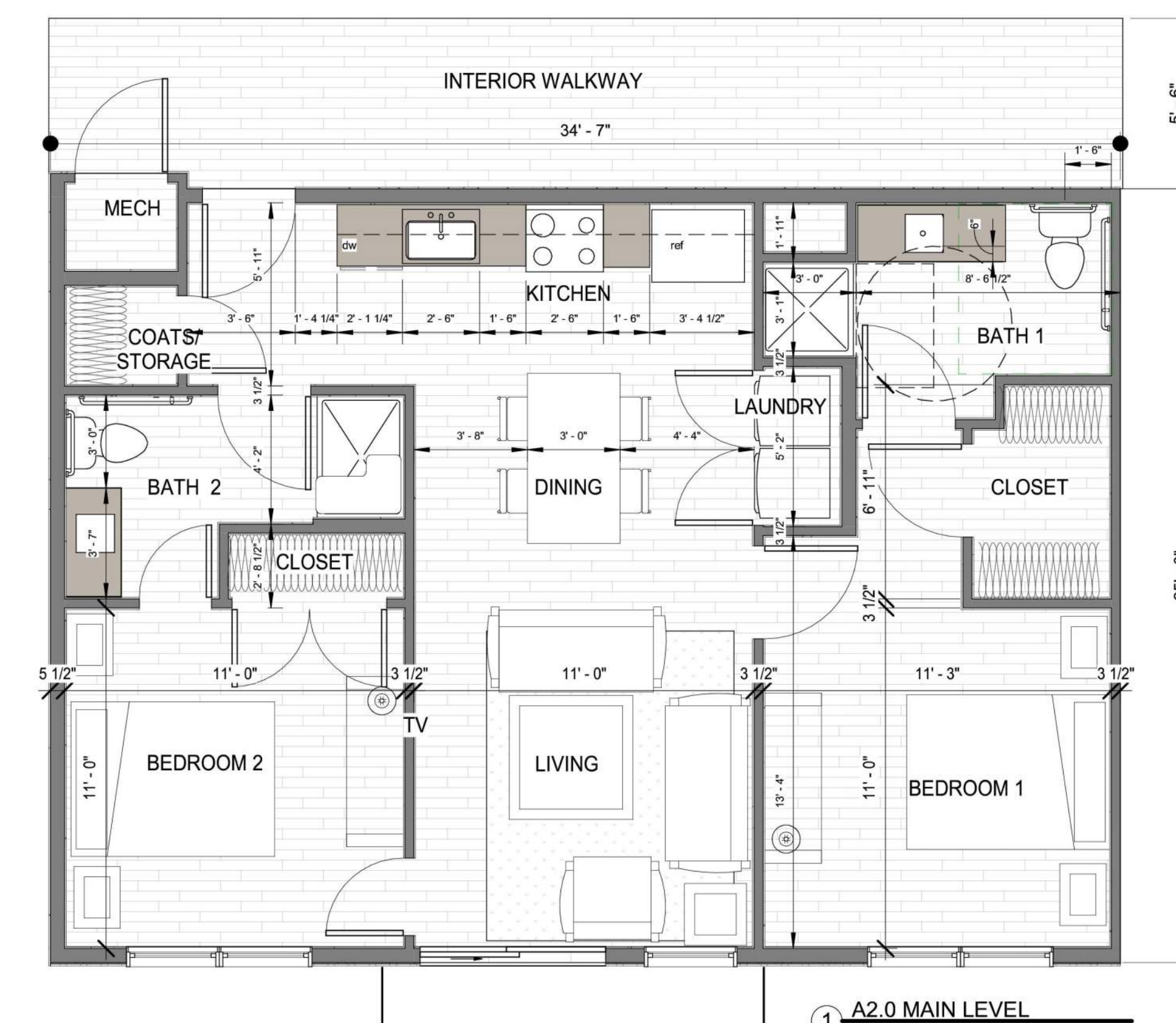
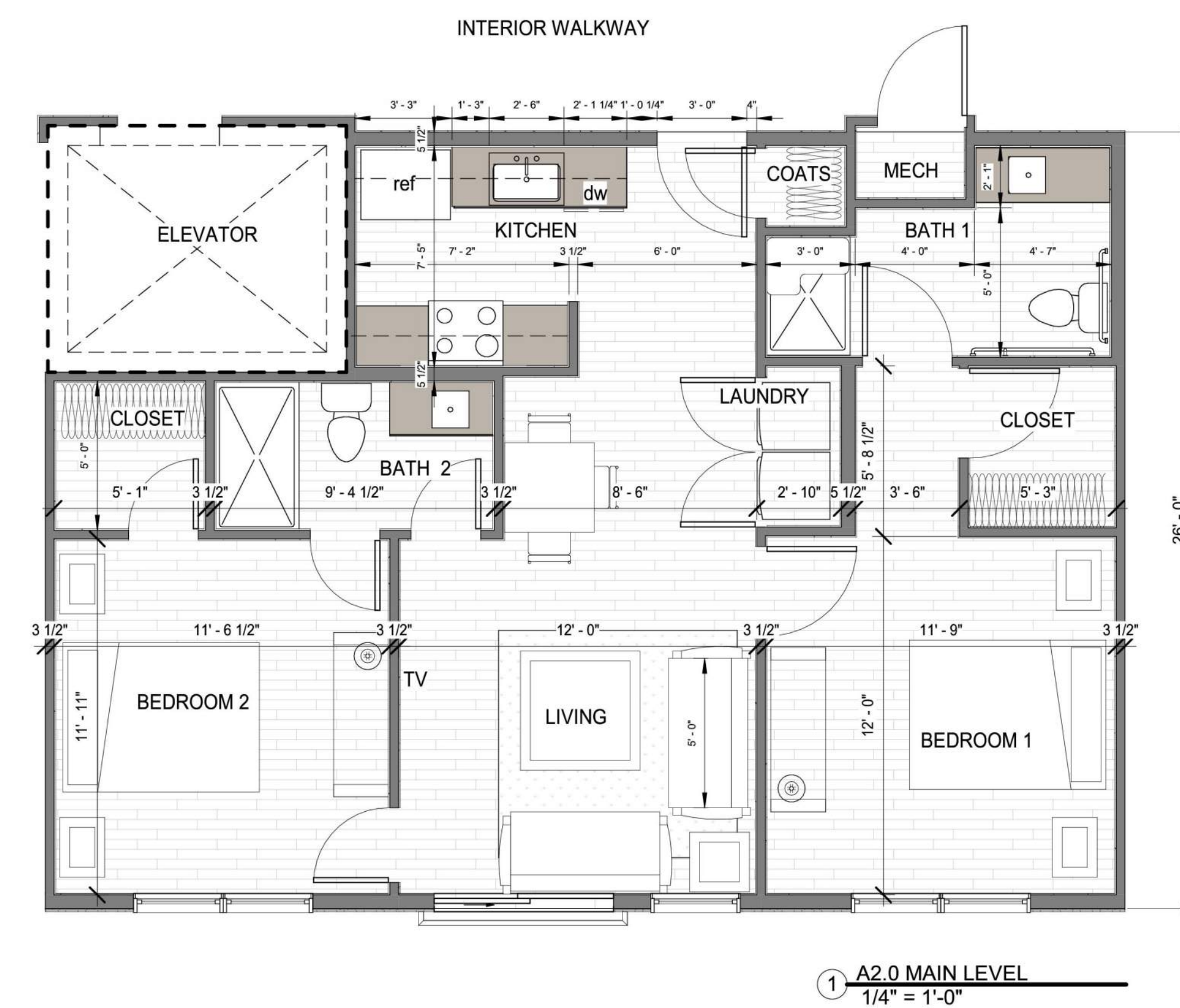
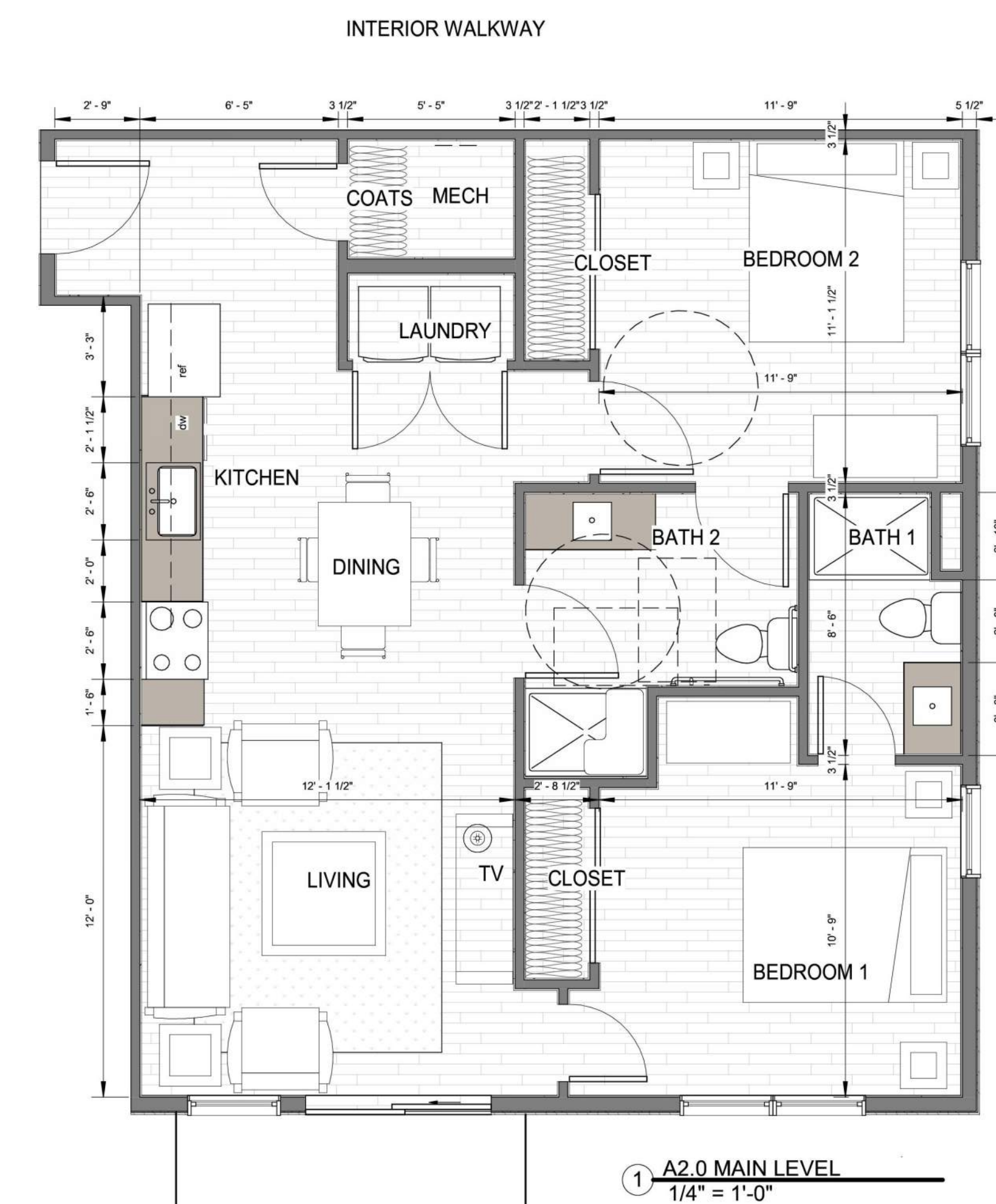
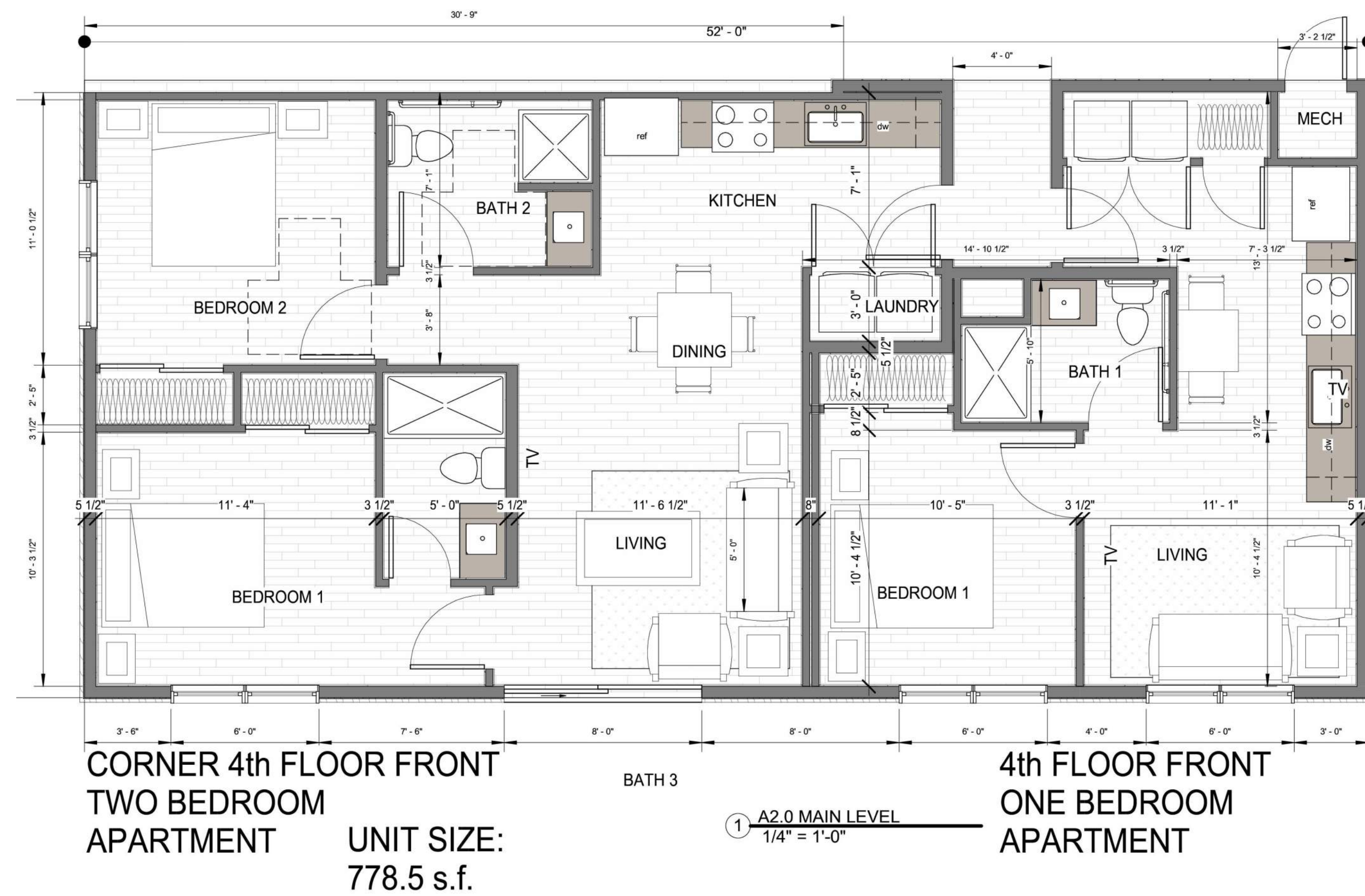
Date: 6-22-22
Project number: 2175
LANDSCAPE PLAN

A1.2

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REV/SIONS	No.	Description	Date

Consultant
Address
Phone
E-mail

[illegible]

Consultant Address Address Phone Fax e-mail
--

435 EBY CREEK APARTMENTS

435 EBY CREEK ROAD
Subdivision: PERRY SUBDIVISION Lot: 3, PHASE II
UPDATED DEVELOPMENT PERMIT SET

NOT FOR CONSTRUCTION

Date:	6-22-22
Project number:	2175
UNIT PLANS	
A2.0.1	

435 EBV CREEK APARTMENTS

435 EBY CREEK ROAD
Subdivision: PERRY SUBDIVISION Lot: 3, PHASE II
UPDATED DEVELOPMENT PERMIT SET

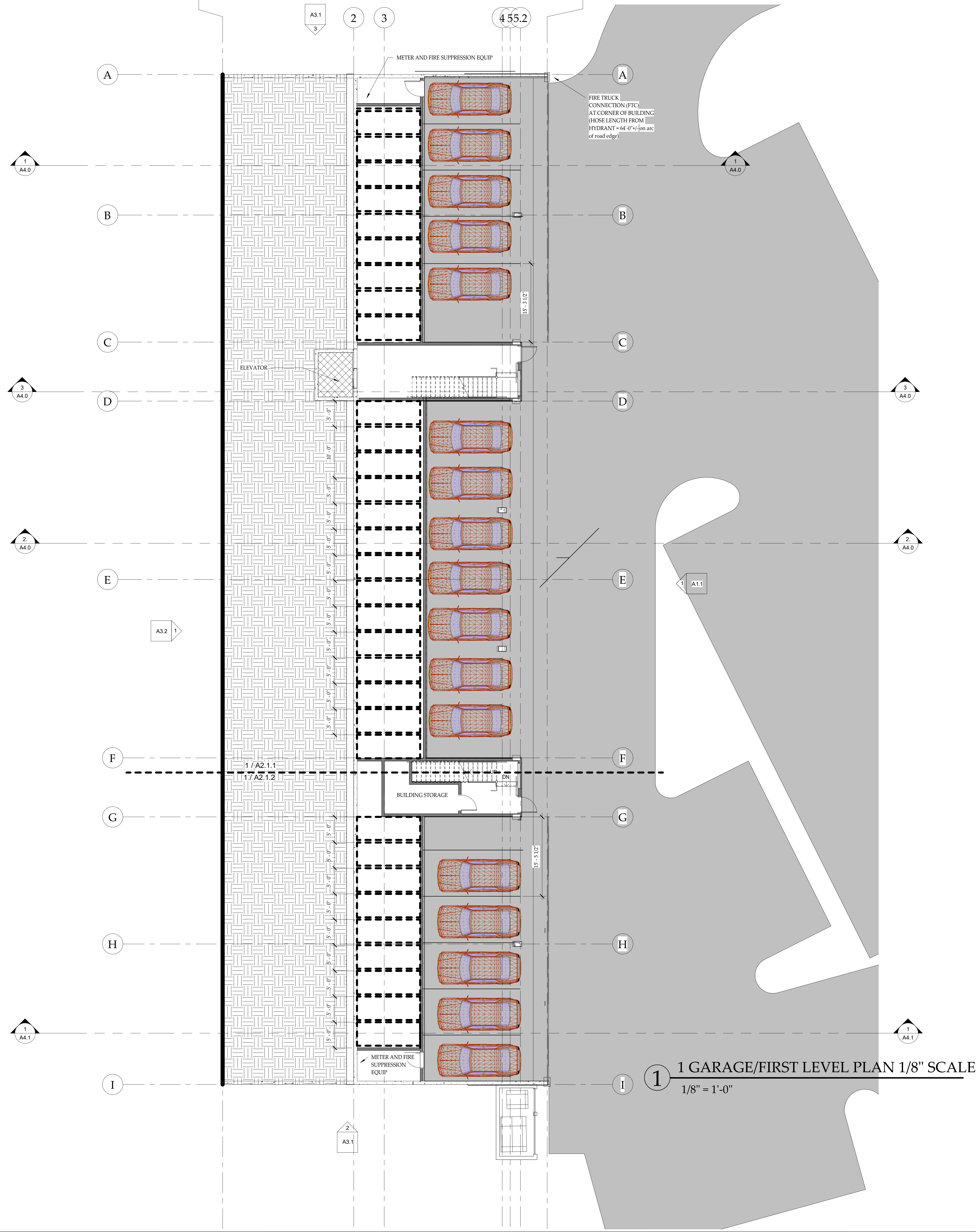
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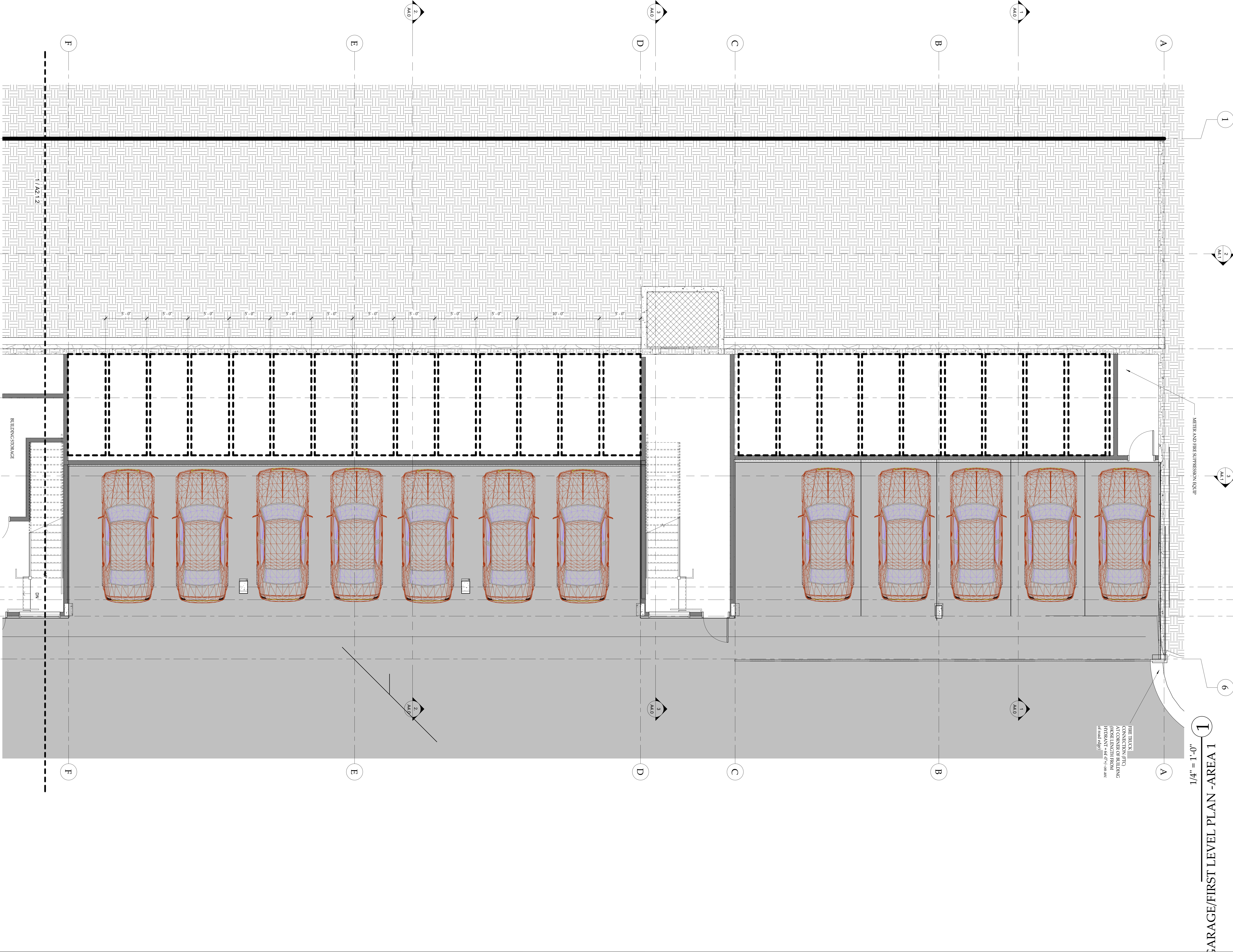
Date: 6-22-22

Project number: 2175

FIRST LEVEL PLAN

A2.1





1
1/4" = 1'-0" = " 1/4"
GARAGE/FIRST LEVEL PLAN - AREA 1

Date: 6-22-22
Project number: 2175
1ST LEVEL PLAN AREA 1

A2.1.1

NOT FOR CONSTRUCTION

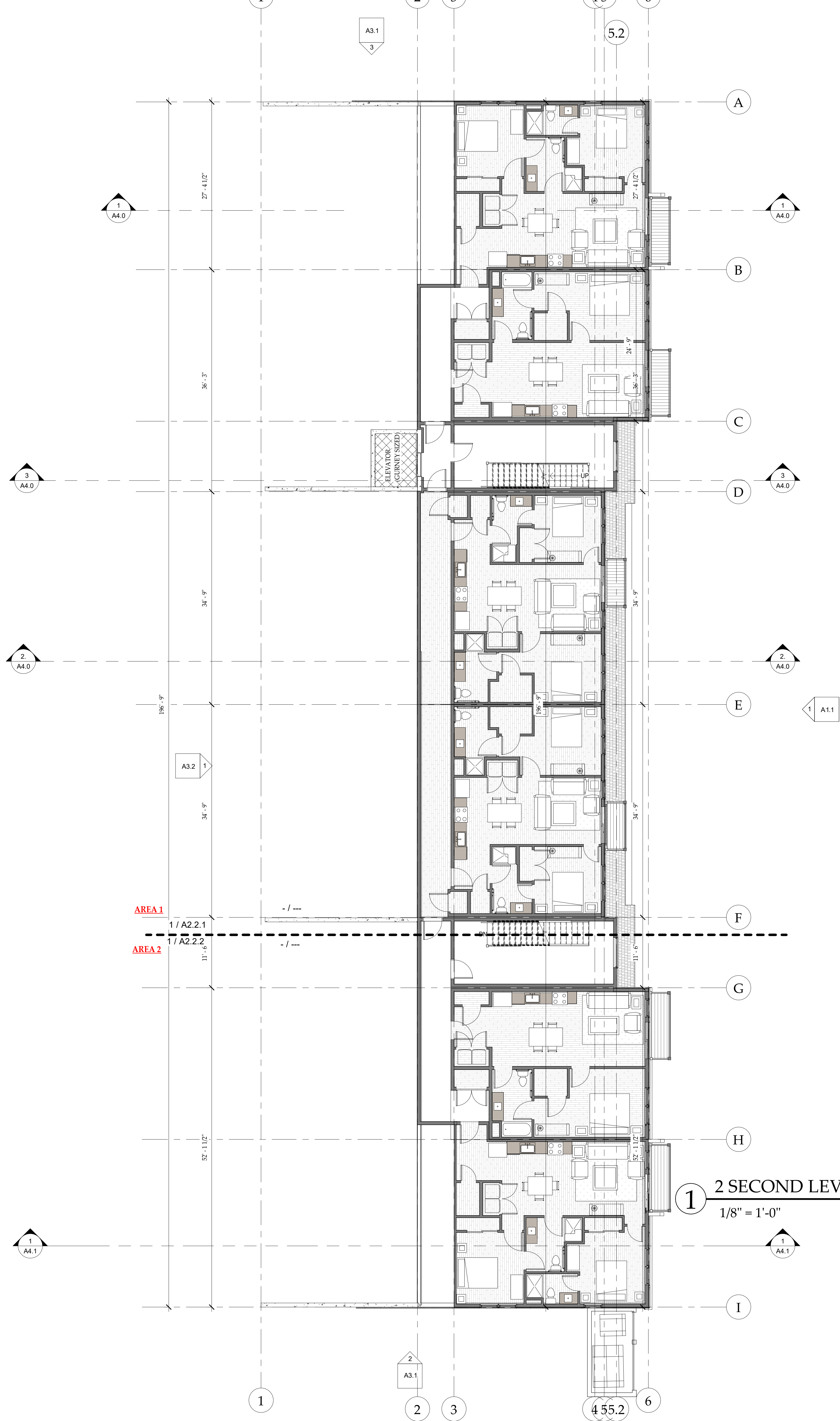
435 EBY CREEK APARTMENTS

435 EBY CREEK ROAD
Subdivision: PERRY SUBDIVISION Lot: 3, PHASE II
UPDATED DEVELOPMENT PERMIT SET

Consultant
Address
Phone
e-mail

No.	Description	Date

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UNIT MATRIX

LEVEL	1 BEDROOM	2 BEDROOM	3 BEDROOM
SECOND LEVEL	(2) ONE BDRM	(4) TWO BDRM	(0) THREE BDRM
THIRD LEVEL	(2) ONE BDRM	(10) TWO BDRM	(0) THREE BDRM
FOURTH LEVEL	(2) ONE BDRM	(10) TWO BDRM	(0) THREE BDRM
TOTAL #=30 UNITS	(6) ONE BDRM	(24) TWO BDRM	(0) THREE BDRM

6-22-22

2175

SECONDD LEVEL PLAN

Date:

Project number:

A2.2

NOT FOR CONSTRUCTION

435 EBY CREEK APARTMENTS

435 EBY CREEK ROAD

Subdivision: PERRY SUBDIVISION Lot: 3, PHASE II

UPDATED DEVELOPMENT PERMIT SET

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6-22-22

2175

2ND LEVEL AREA 1

Date:

Project number:

A2.2.1

NOT FOR CONSTRUCTION

3

4

5

5.2

6

435 EBY CREEK APARTMENTS

435 EBY CREEK ROAD

Subdivision: PERRY SUBDIVISION Lot: 3, PHASE II

UPDATED DEVELOPMENT PERMIT SET

2

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Phone
E-mail

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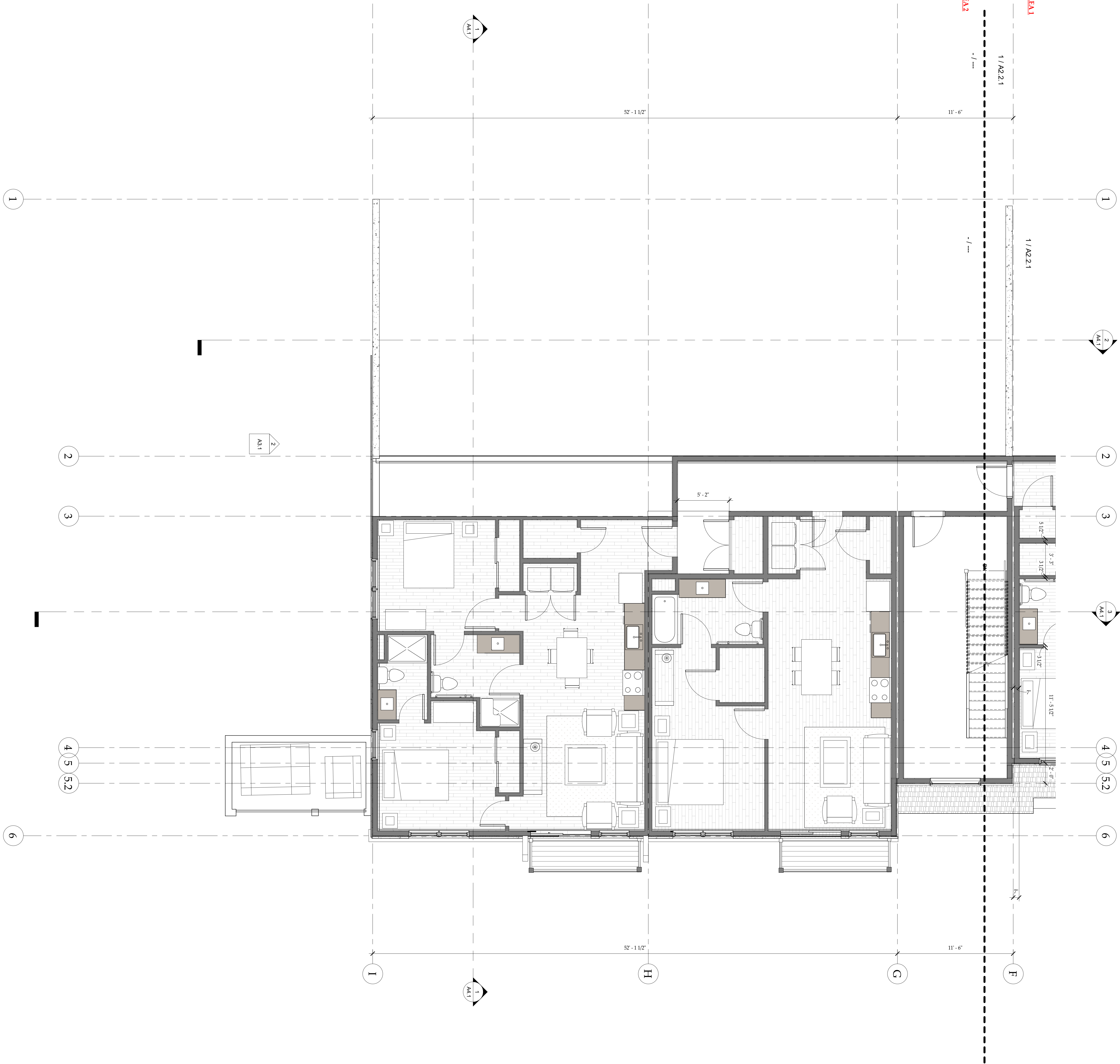
No.	Description	Date

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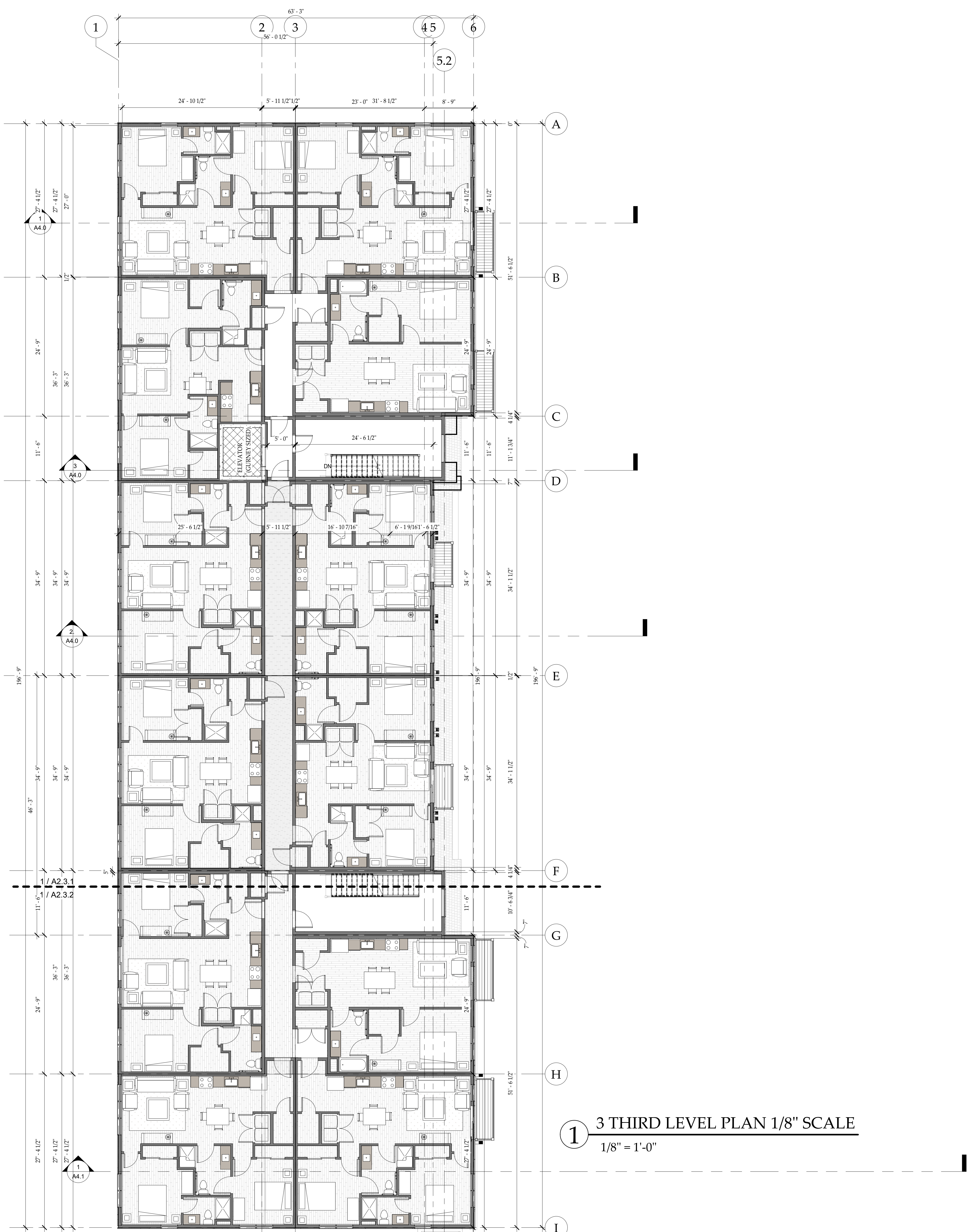
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1
2 SECOND LEVEL PLAN - AREA 2
1/4" = 1'-0"

6-22-22 9		2175		2ND LEVEL AREA 2		A2.2.2	
Date:		Project number:					
NOT FOR CONSTRUCTION		435 EBY CREEK ROAD		Subdivision: PERRY SUBDIVISION Lot: 3, PHASE II		UPDATED DEVELOPMENT PERMIT SET	
		Consultant Address Phone Fax E-mail					
		REVISIONS Description No.		Date			
		MARTIN MANLEY ARCHITECTS		970.328.5151 OFFICE		PO Box 1587, Eagle, CO 81631 www.martinmanleyarchitects.com	



UNIT MATRIX

LEVEL	1 BEDROOM	2 BEDROOM	3 BEDROOM
SECOND LEVEL	(2) ONE BDRM	(4) TWO BDRM	(0) THREE BRDM
THIRD LEVEL	(2) ONE BDRM	(10) TWO BDRM	(0) THREE BDRM
FOURTH LEVEL	(2) ONE BDRM	(10) TWO BDRM	(0) THREE BDRM
TOTAL #=30 UNITS	(6) ONE BDRM	(24) TWO BDRM	(0) THREE BDRM

6-22-22

Project number:

2175

THIRD LEVEL PLAN

A2.3

NOT FOR CONSTRUCTION

435 EBY CREEK APARTMENTS

435 EBY CREEK ROAD

Subdivision: PERRY SUBDIVISION Lot: 3, PHASE II

UPDATED DEVELOPMENT PERMIT SET

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Address
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e-mail

REV/SIONS

No.	Description	Date

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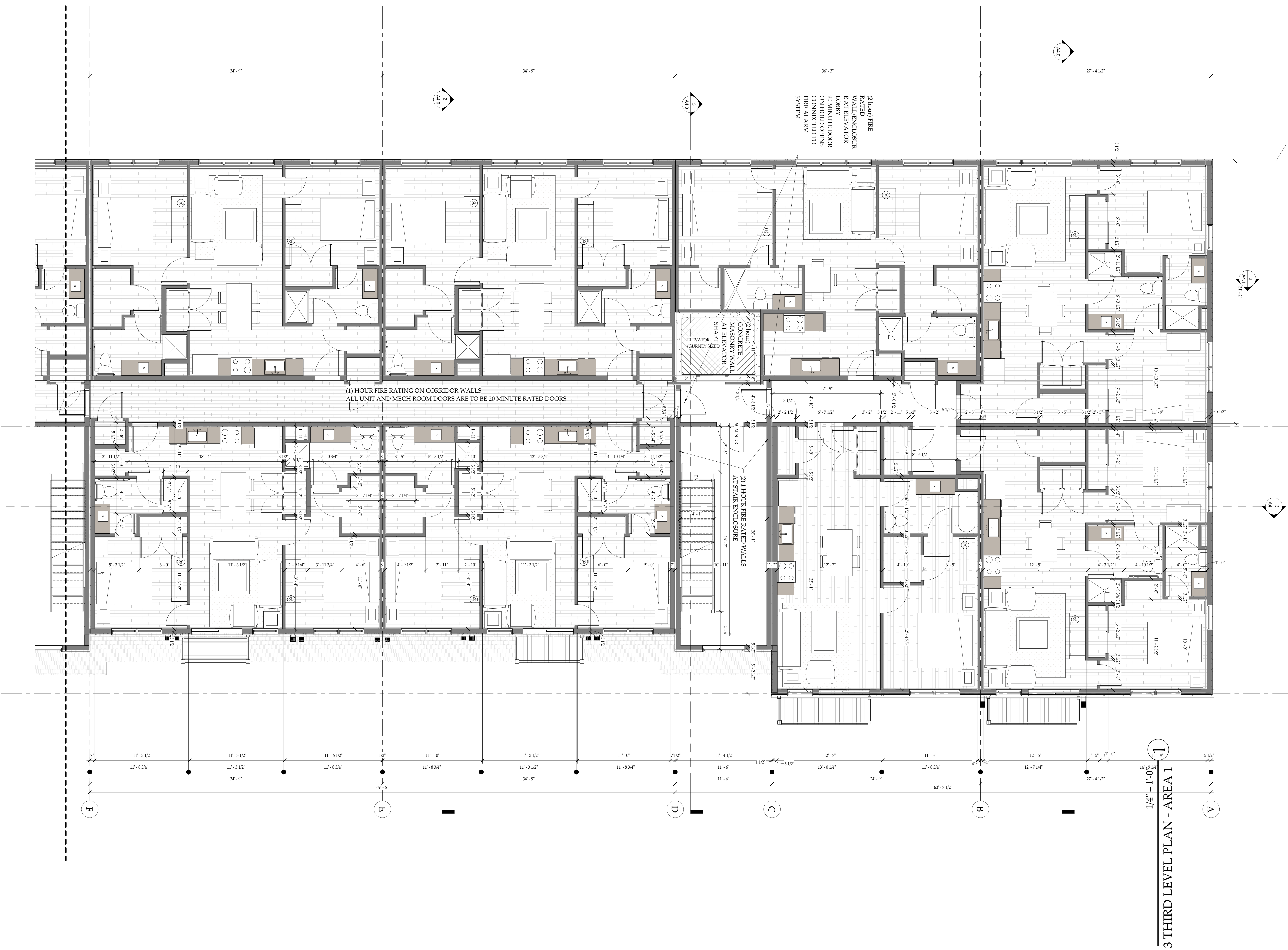
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435 EBY CREEK APARTMENTS

435 EBY CREEK ROAD
Subdivision: PERRY SUBDIVISION Lot: 3, PHASE II
UPDATED DEVELOPMENT PERMIT SET

NOT FOR CONSTRUCTION

Date: 6-22-22
 Project number: 2175
 3RD LEVEL PLAN AREA 1
A2.3.1



3 THIRD LEVEL PLAN - AREA 2

1

1/4" = 1'-0"

Date:	6-22-22
Project number:	2175
3RD LEVEL PLAN AREA 2	
A2.3.2	

NOT FOR CONSTRUCTION

435 EBY CREEK APARTMENTS

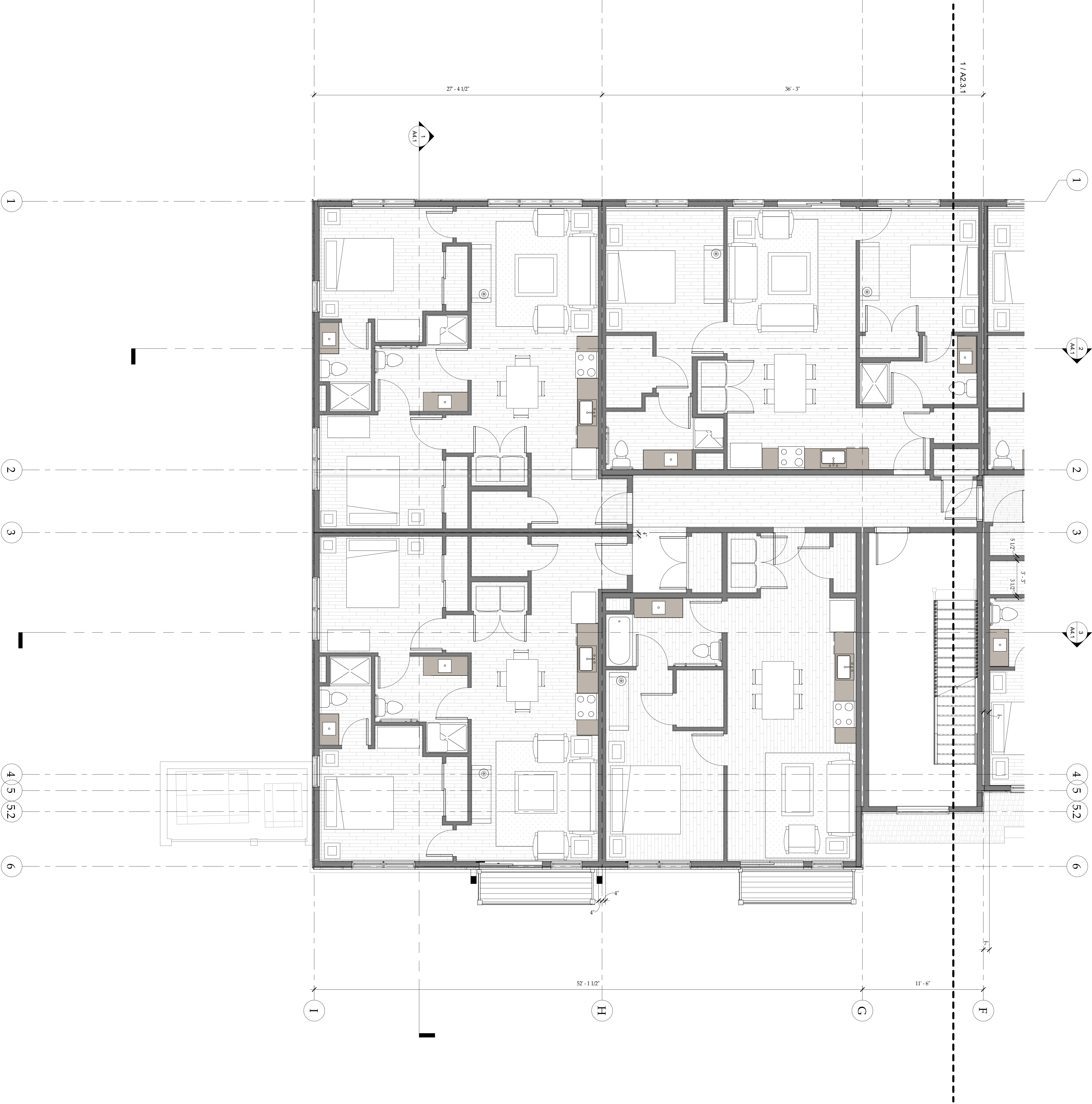
435 EBY CREEK ROAD
Subdivision: PERRY SUBDIVISION Lot: 3, PHASE II
UPDATED DEVELOPMENT PERMIT SET

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Phone
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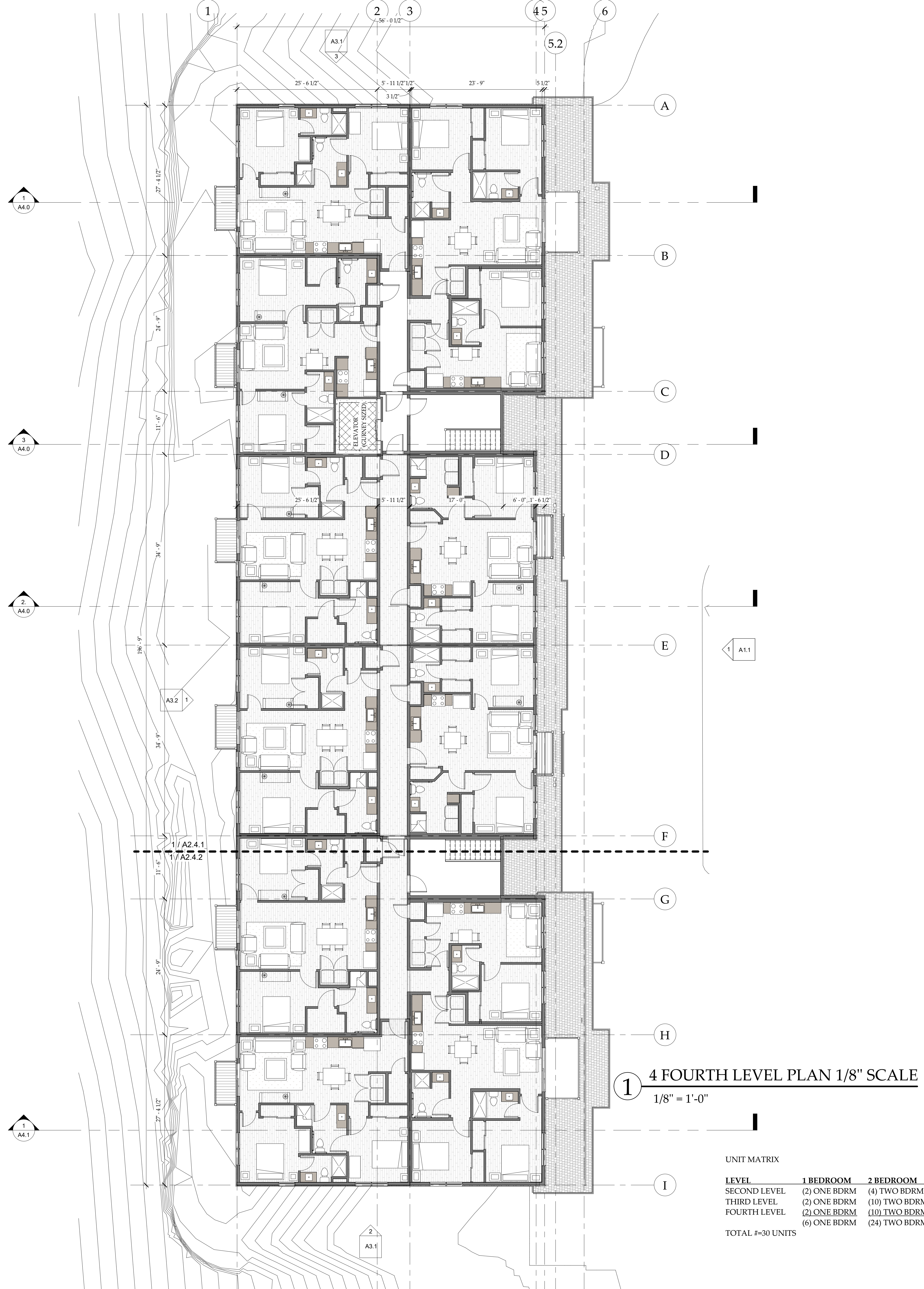
Consultant Address Address Phone Fax e-mail
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435 EBY CREEK APARTMENTS

435 EBY CREEK ROAD
Subdivision: PERRY SUBDIVISION Lot: 3, PHASE II
UPDATED DEVELOPMENT PERMIT SET

NOT FOR CONSTRUCTION

Date:	6-22-22
Project number:	2175
FOURTH LEVEL PLAN	
A2.4	





UNIT MATRIX

LEVEL	1 BEDROOM	2 BEDROOM	3 BEDROOM
SECOND LEVEL	(2) ONE BDRM	(4) TWO BDRM	(0) THREE BRDM
THIRD LEVEL	(2) ONE BDRM	(10) TWO BDRM	(0) THREE BDRM
FOURTH LEVEL	(2) ONE BDRM	(10) TWO BDRM	(0) THREE BDRM
TOTAL	(6) ONE BDRM	(24) TWO BDRM	(0) THREE BDRM

TOTAL #=30 UNITS

1/4" = 1'-0"
4 FOURTH LEVEL PLAN - AREA 1

Date:	6-22-22
Project number:	2175
4TH LEVEL PLAN AREA 1	

A2.4.1

NOT FOR CONSTRUCTION

435 EBY CREEK APARTMENTS

435 EBY CREEK ROAD
Subdivision: PERRY SUBDIVISION Lot: 3, PHASE II
UPDATED DEVELOPMENT PERMIT SET

2	Consultant Address Phone e-mail
---	--

REV/SIONS	Description	Date
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435 EBV CREEK APARTMENTS

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Subdivision: PERRY SUBDIVISION Lot: 3, PHASE II
UPDATED DEVELOPMENT PERMIT SET

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Date: 6-22-22
 Project number: 2175
 4TH LEVEL PLAN AREA 2
A2.4.2





① 3D View 1

[illegible]

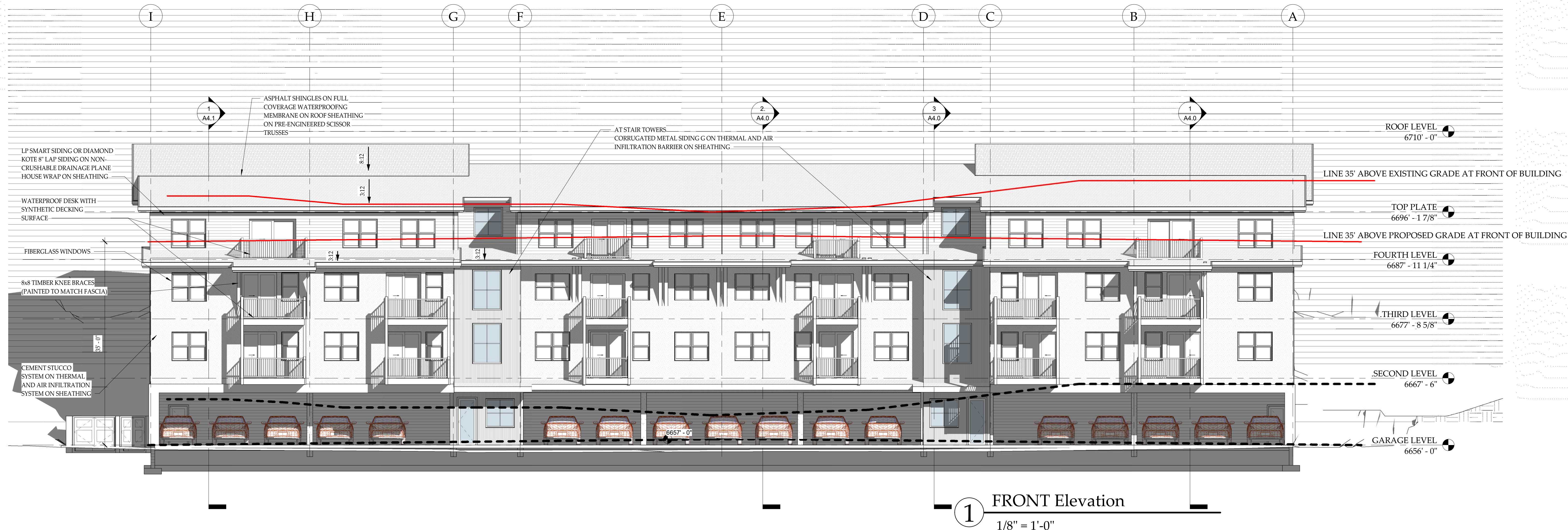
	Consultant
Name	
Address	
Address	
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Fax	
e-mail	

435 EBY CREEK APARTMENTS

435 EBY CREEK ROAD
Subdivision: PERRY SUBDIVISION Lot: 3, PHASE II
UPDATED DEVELOPMENT PERMIT SET

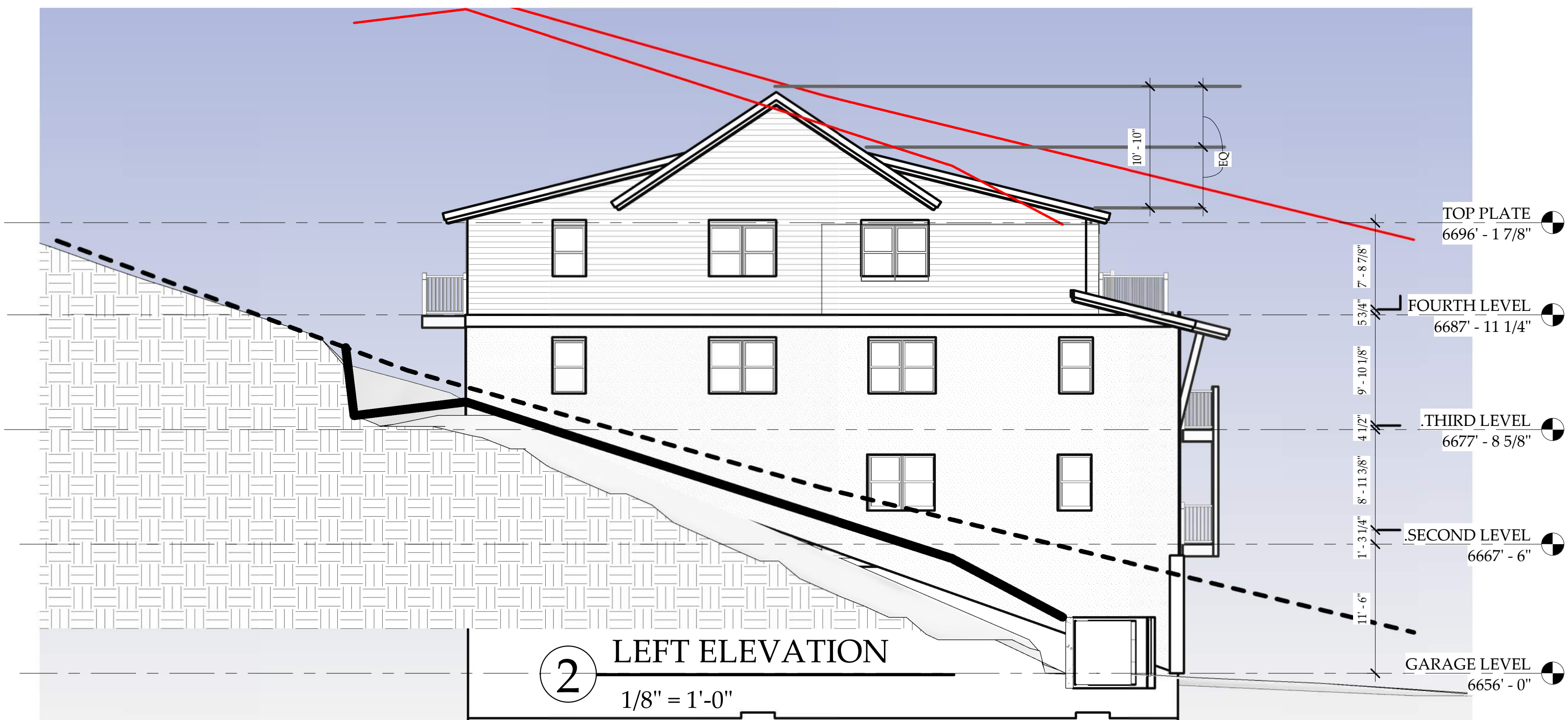
NOT FOR CONSTRUCTION

Date:	6-22-22
Project number:	2175
EXTERIOR ELEVATIONS	
A3.0	



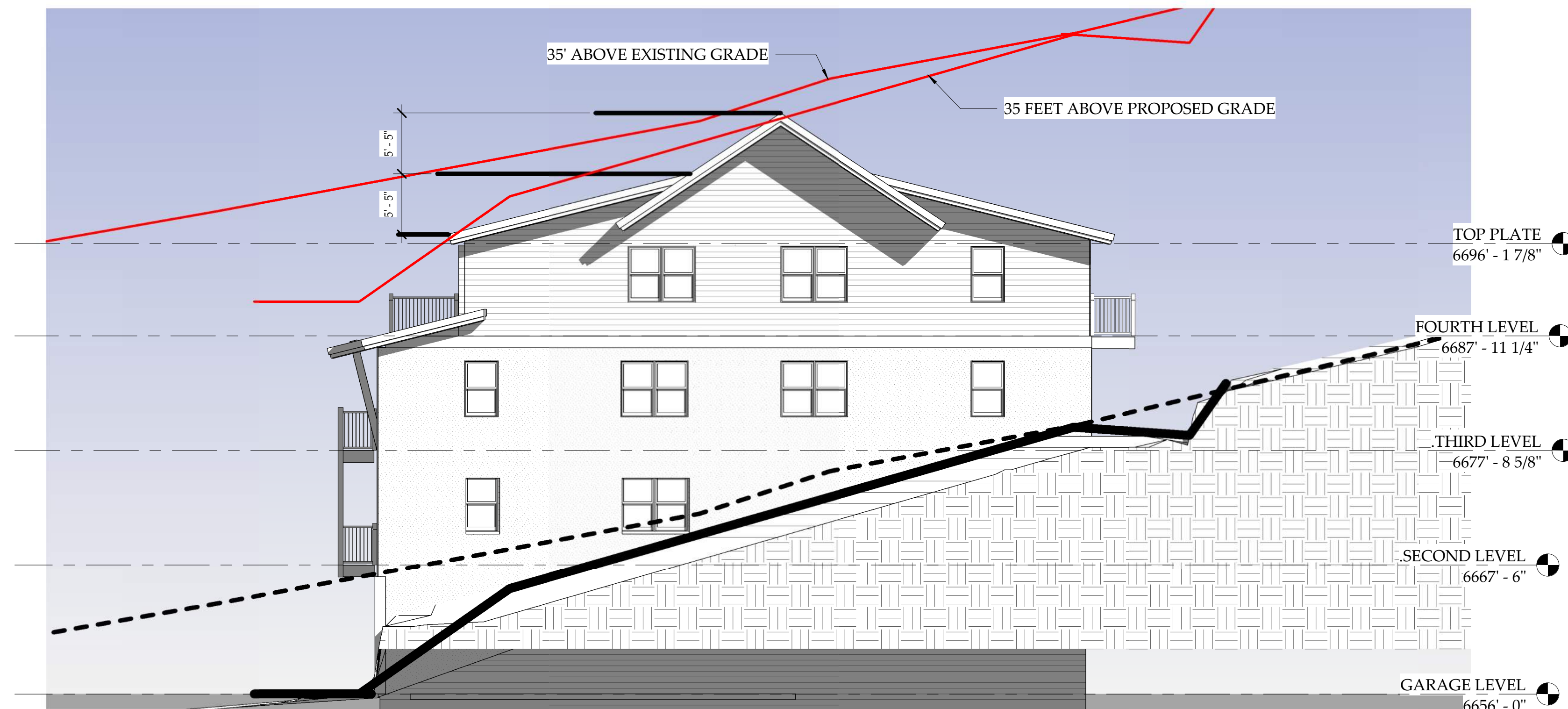
1 FRONT Elevation

1/8" = 1'-0"



2 LEFT ELEVATION

1/8" = 1'-0"



3 RIGHT Elevation

1/8" = 1'-0"



MATERIAL DESCRIPTIONS

12" = 1'-0"

No.	Description	Date

Consultant
Address
Phone
E-mail

435 EBY CREEK APARTMENTS

435 EBY CREEK ROAD
Subdivision: PERRY SUBDIVISION Lot: 3, PHASE II
UPDATED DEVELOPMENT PERMIT SET

NOT FOR CONSTRUCTION

Date:	6-22-22
Project number:	2175
EXTERIOR ELEVATIONS	
A3.1	

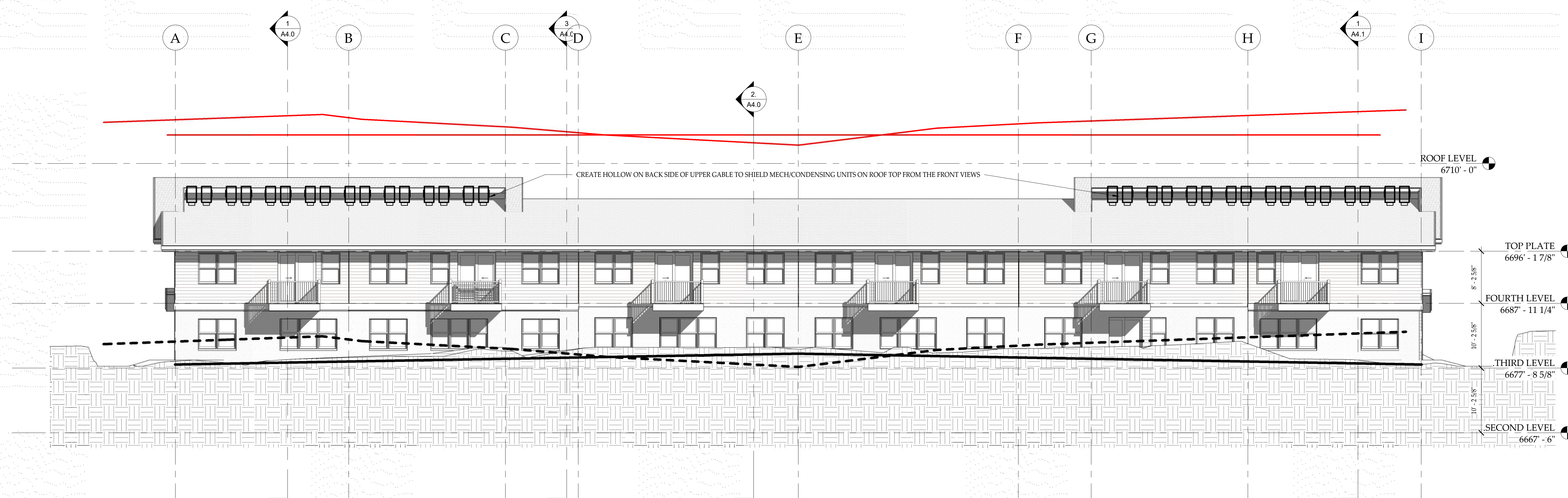


2 3D View OF FRONT LEFT CORNER

3 3D View OF FRONT LEFT

4 3D View CENTER STAIR

5 3D View OF FRONT RIGHT CORNER



1 REAR Elevation
1/8" = 1'-0"

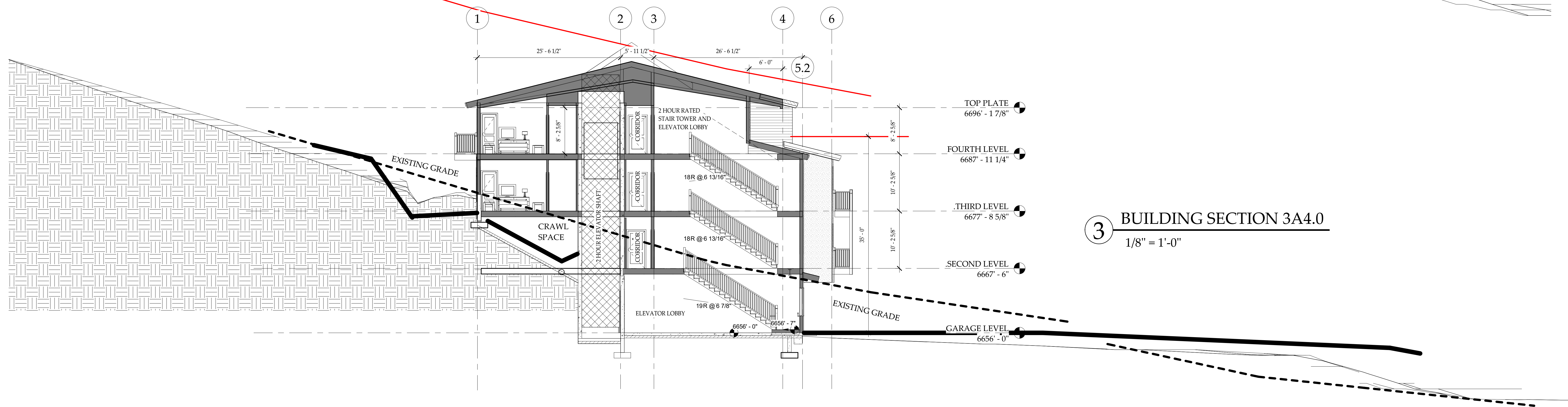
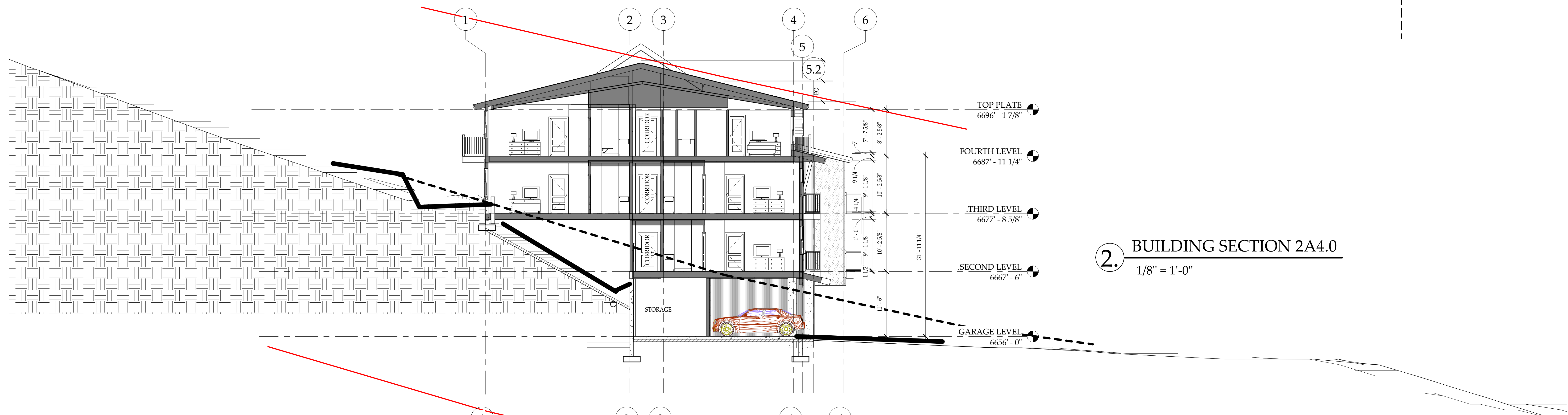
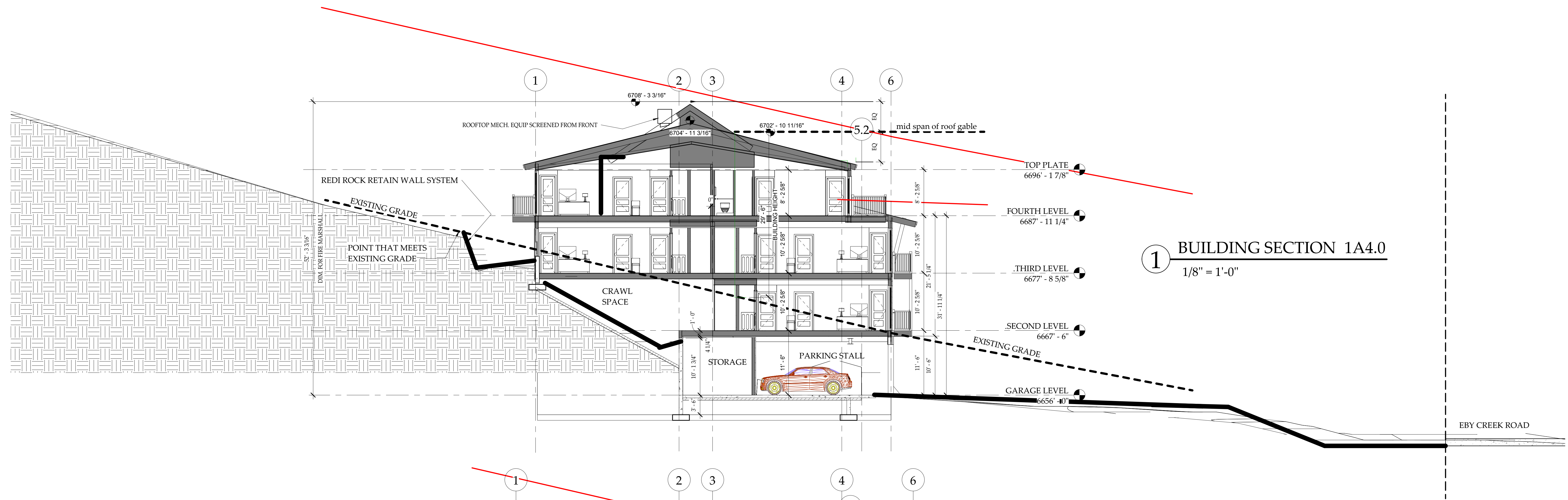
$$1/8'' = 1'-0''$$
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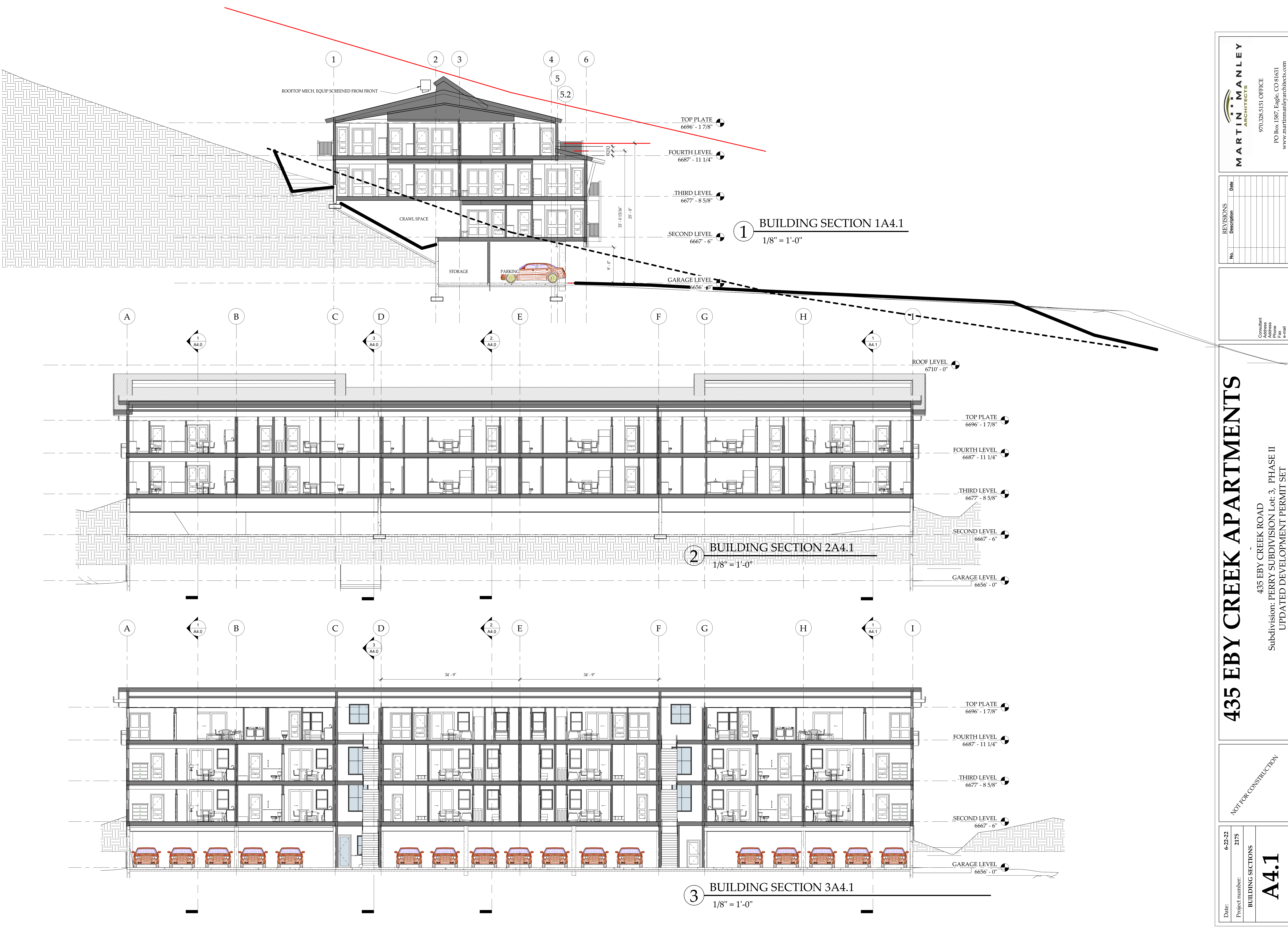
435 EBY CREEK APARTMENTS

435 EBY CREEK ROAD
Subdivision: PERRY SUBDIVISION Lot: 3, PHASE II
UPDATED DEVELOPMENT PERMIT SET

NOT FOR CONSTRUCTION

Date:	6-22-22
Project number:	2175
EXTERIOR ELEVATIONS	
A3.2	





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435 EBY CREEK APARTMENTS

435 EBY CREEK ROAD
Subdivision: PERRY SUBDIVISION Lot: 3, PHASE II
UPDATED DEVELOPMENT PERMIT SET

NOT FOR CONSTRUCTION

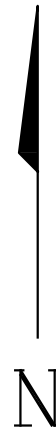
Date: 6-22-22
Project number: 2175

BUILDING SECTIONS

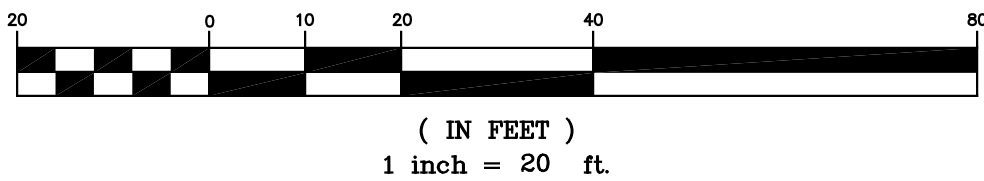
A4.1

TOPOGRAPHIC SURVEY

LOT 3, PERRY SUBDIVISION, PHASE II
Located in Section 32, Township 4 South,
Range 84 West of the 6th P.M.
Town of Eagle, Eagle County, Colorado

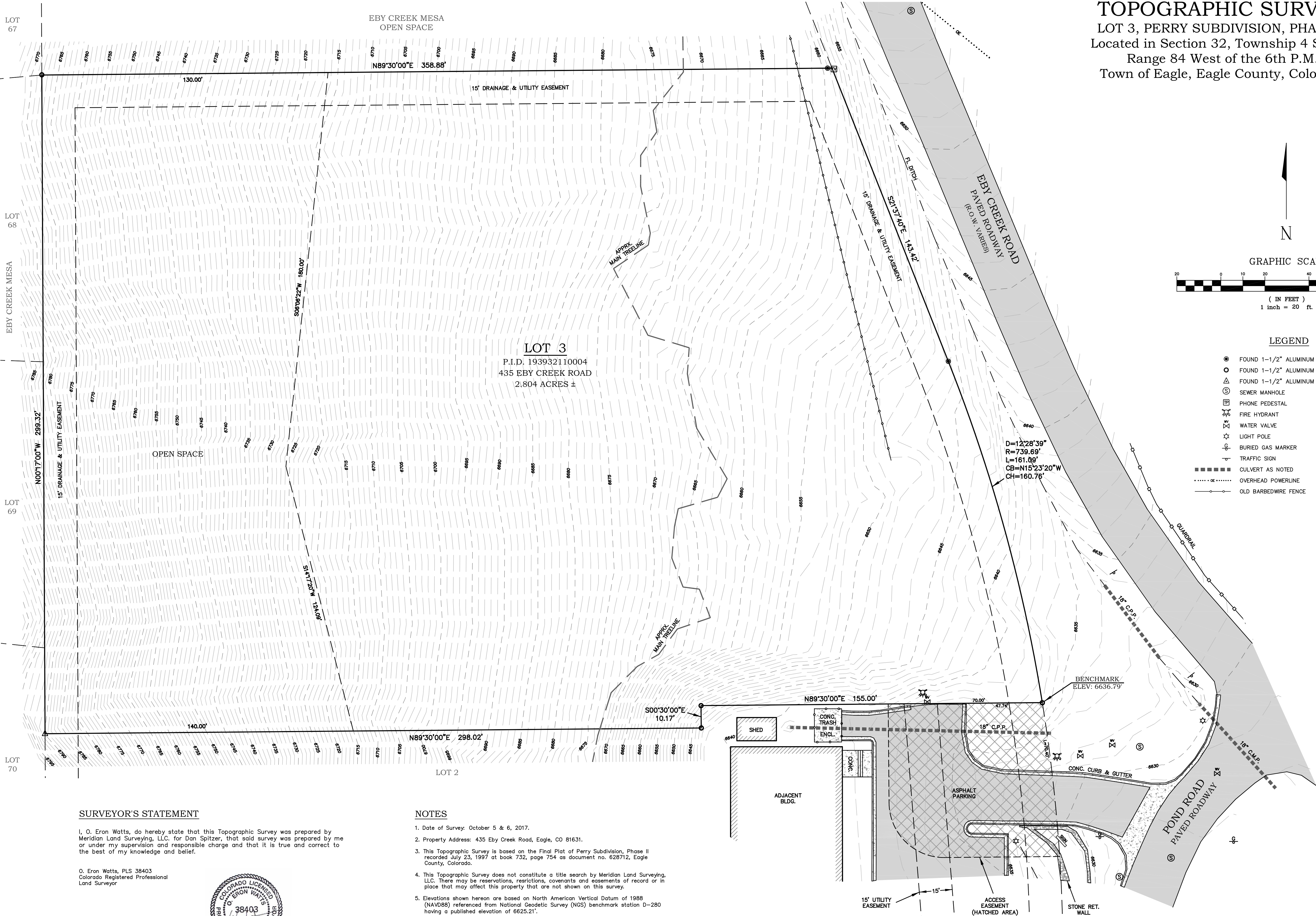


GRAPHIC SCALE



LEGEND

- FOUND 1-1/2" ALUMINUM CAP LS25630
- FOUND 1-1/2" ALUMINUM CAP LS30093
- △ FOUND 1-1/2" ALUMINUM CAP LS26967
- ⊙ SEWER MANHOLE
- ☐ PHONE PEDESTAL
- ⛑ FIRE HYDRANT
- ⛑ WATER VALVE
- ☆ LIGHT POLE
- ⊙ BURIED GAS MARKER
- ⊙ TRAFFIC SIGN
- ▬ CULVERT AS NOTED
- ⋯ OVERHEAD POWERLINE
- OLD BARBEDWIRE FENCE



SURVEYOR'S STATEMENT

I, O. Eron Watts, do hereby state that this Topographic Survey was prepared by Meridian Land Surveying, LLC, for Dan Spitzer, that said survey was prepared by me or under my supervision and responsible charge and that it is true and correct to the best of my knowledge and belief.

O. Eron Watts, PLS 38403
Colorado Registered Professional
Land Surveyor



NOTES

- Date of Survey: October 5 & 6, 2017.
- Property Address: 435 Eby Creek Road, Eagle, CO 81631.
- This Topographic Survey is based on the Final Plat of Perry Subdivision, Phase II recorded July 23, 1997 at book 732, page 754 as document no. 628712, Eagle County, Colorado.
- This Topographic Survey does not constitute a title search by Meridian Land Surveying, LLC. There may be reservations, restrictions, covenants and easements of record or in place that may affect this property that are not shown on this survey.
- Elevations shown hereon are based on North American Vertical Datum of 1988 (NAVD88) referenced from National Geodetic Survey (NGS) benchmark station D-280 having a published elevation of 6625.21'.
- Contour interval equals 1 foot.

NOTICE:
According to Colorado law you must commence any legal action based upon any defect in this survey within three years after you first discover such defect. In no event may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.

TOPOGRAPHIC SURVEY
LOT 3, PERRY SUBDIVISION, PHASE II
ACCORDING TO THE FINAL PLAT RECORDED JULY 23, 1997
AT BOOK 732, PAGE 754 AS DOCUMENT NO. 628712
LOCATED IN SEC. 32, T4S, R84W, 6TH P.M.
TOWN OF EAGLE, EAGLE COUNTY, COLORADO
435 EBY CREEK ROAD ROAD

SHEET:
1 OF 1
DATE:
10/11/2017
PLS/PTS:
EW/EW
DWG NO:
17007-R1
REVISION:
TYPD 10/16/17

MERIDIAN
LAND SURVEYING, L.L.C.
P.O. Box 2225 Gypsum, CO 81637
(970) 524-0963