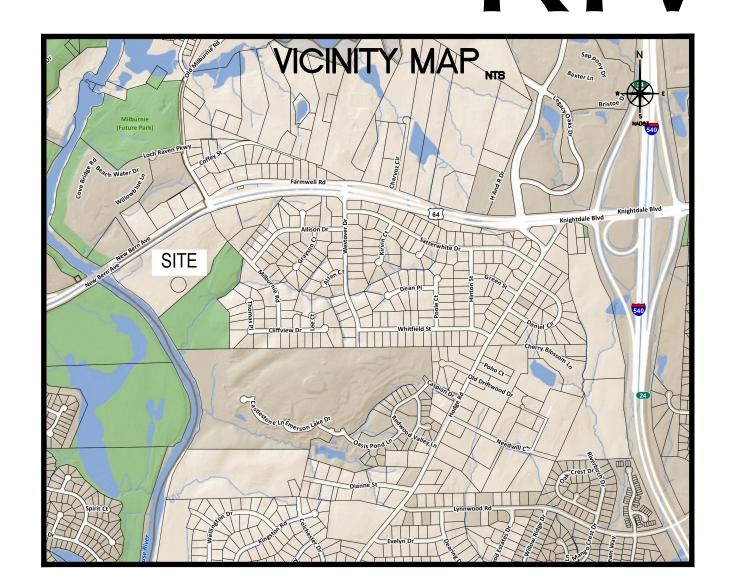
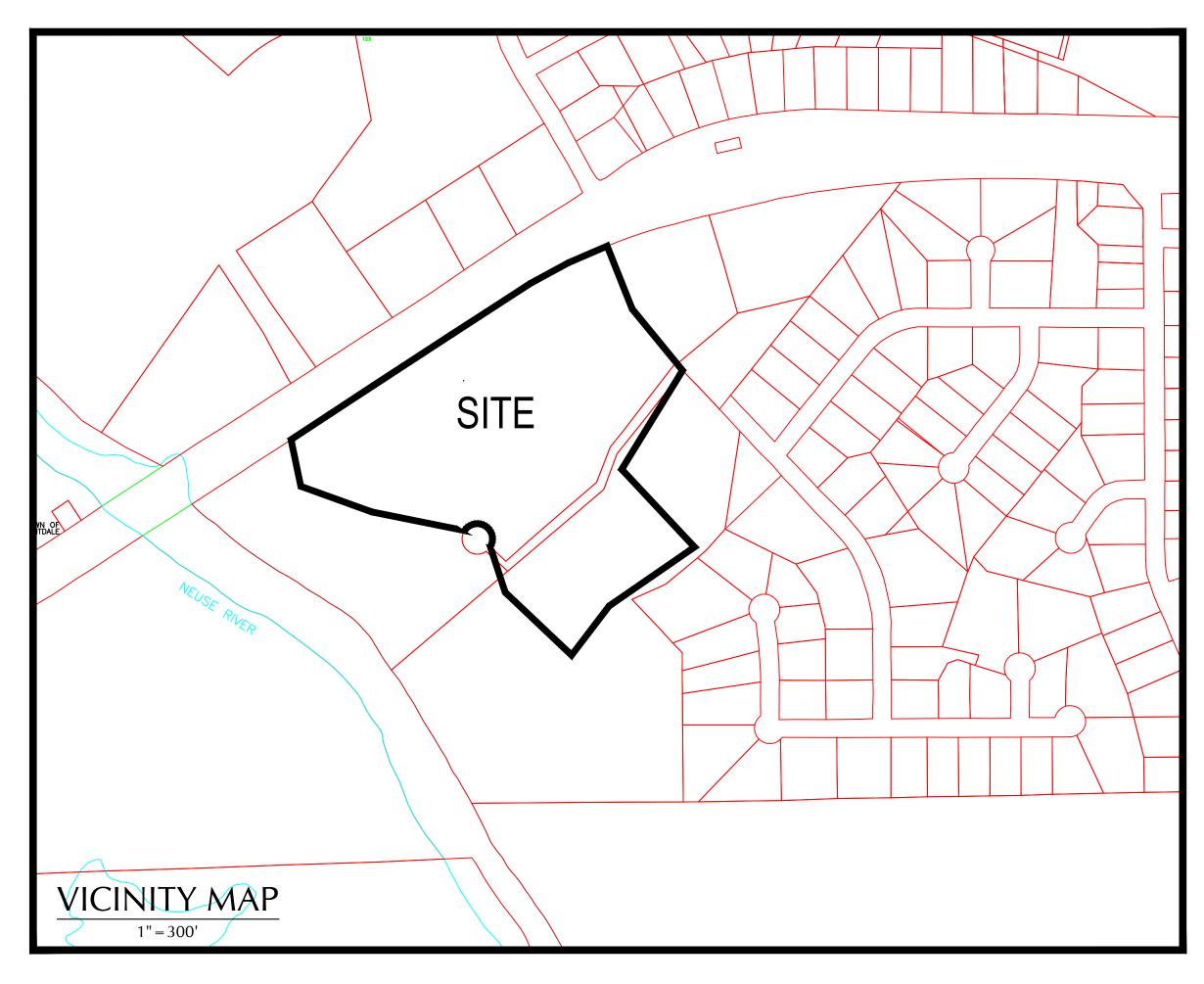
MASTER PLAN SUBMITTAL RIVERS EDGE APARTMENTS



KNIGHTDALE, NORTH CAROLINA



Sheet List Table Sheet Number Sheet Title COVER EXISTING CONDITIONS **EXISTING CONDITIONS-OUTFALL** OVERALL SITE PLAN DETAIL SITE PLAN NORTH DETAIL SITE PLAN SOUTH SITE BOUNDARY TABLE-INTERSECTION IMPROVEMENTS OVERALL SITE STRIPING AND SIGNAGE PLAN UTILITY PLAN NORTH UTILITY PLAN SOUTH SEWER OUTFALL DETAIL GRADING NORTH & STORMWATER MANAGEMENT PLAN DETAIL GRADING SOUTH & STORMWATER MANAGEMENT PLAN REQUIRED PLANTING PLAN-BY DRG. PA REQUIRED PLANTING CALCULATIONS AND DETAILS-BY DRG, PA REQUIRED BMP PLANTING PLANS-BY DRG, PA OVERALL LIGHTING PLAN LIGHTING PLAN - NORTH LIGHTING PLAN - SOUTH

SEE ARCHITECTURAL COVER FOR ARCHITECTURAL SHEET LIST

OWNER

PARKWAY PROPERTIES GROUP, LLC 1000 DARRINGTON DR STE 105 CARY, NC 27513 919-462-0775 KYLE WARD

DEVELOPER

SYMPHONY PROPERTIES 103 TORREY PINES DRIVE CARY, NC 27513 919-349-8915 BLAIR BOOTH

PREPARED BY:

WITHERS & RAVENEL

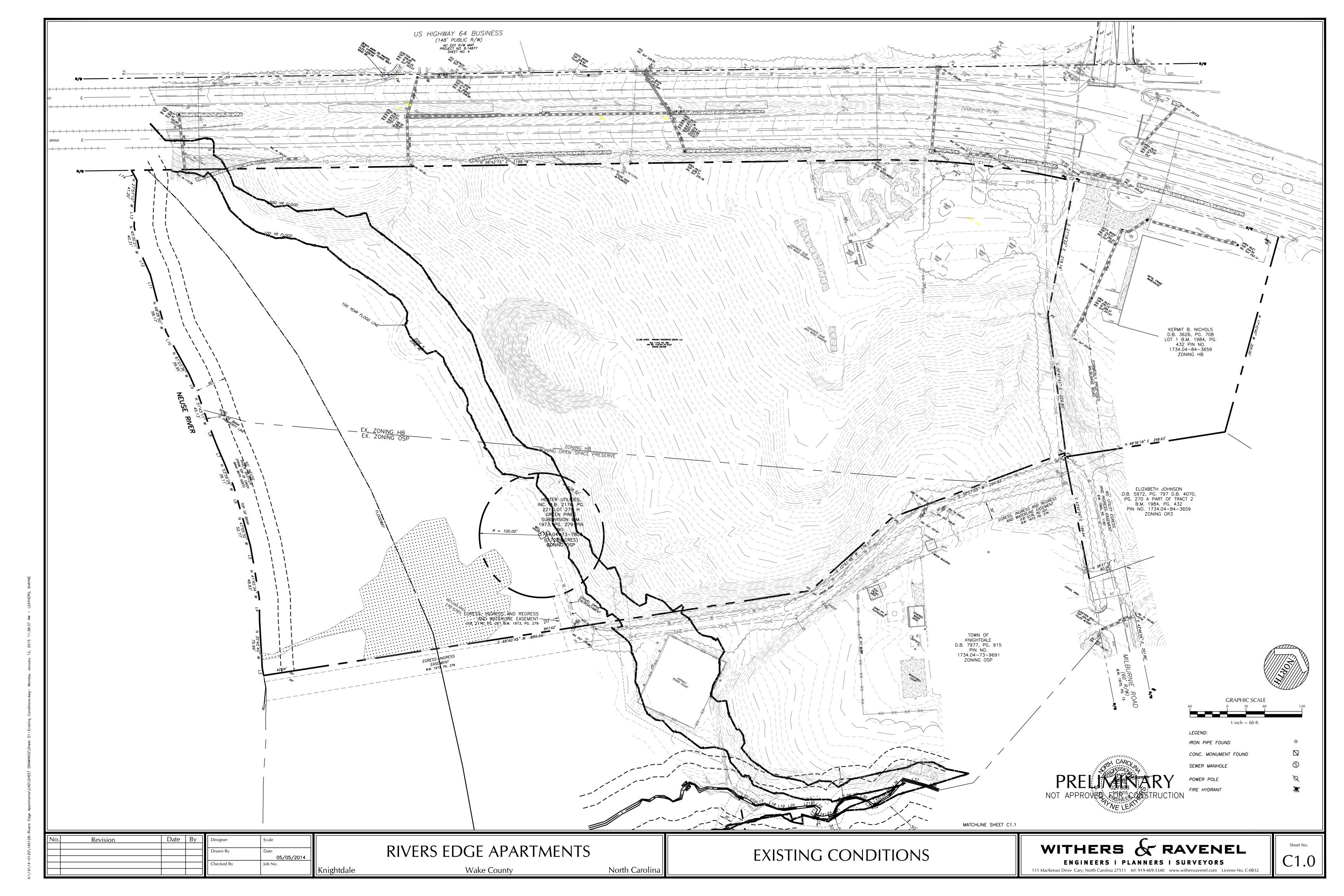
ENGINEERS I PLANNERS I SURVEYORS

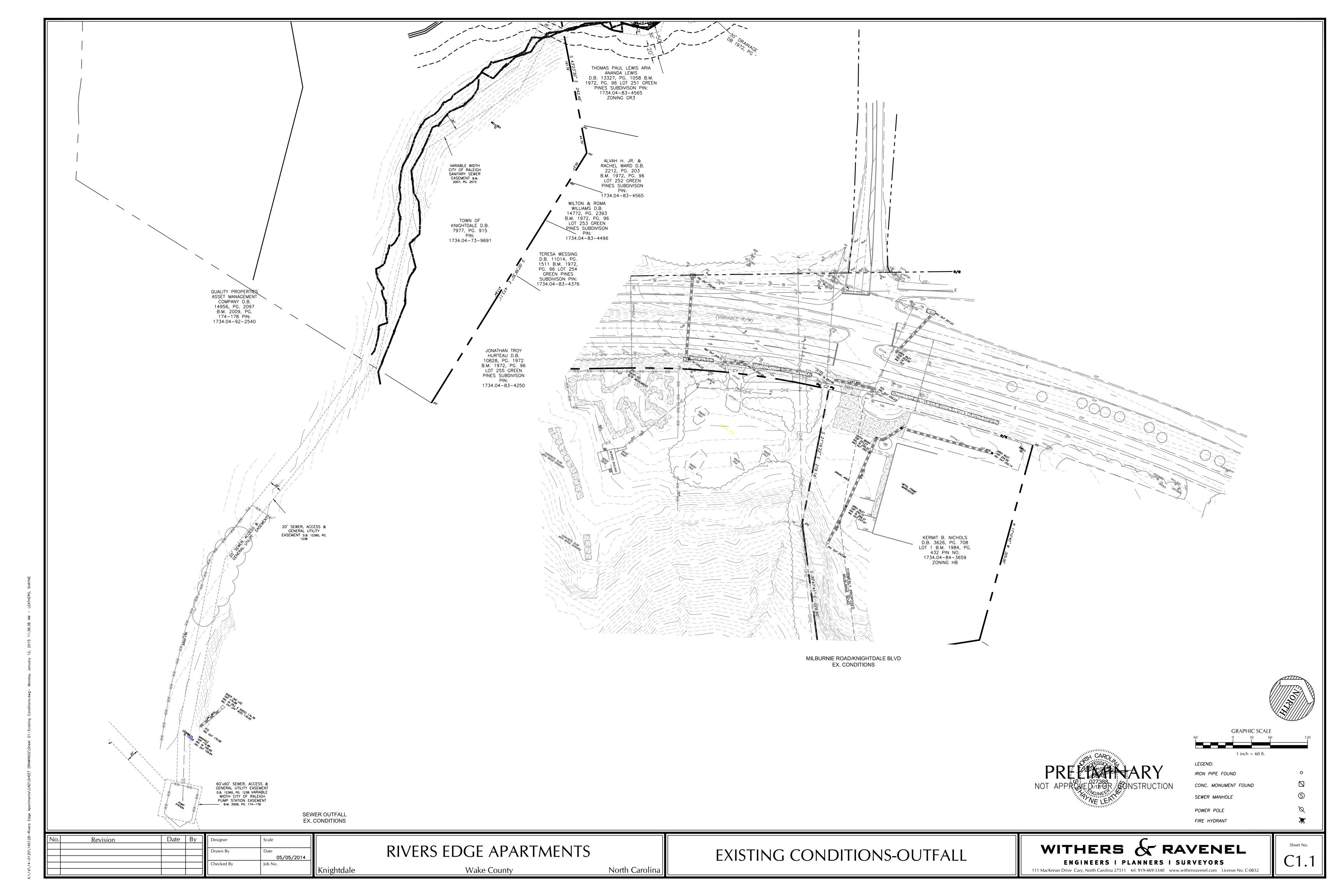
111 MacKenan Drive Cary, North Carolina 27511 tel: 919-469-3340 www.withersravenel.com License No. C-0832

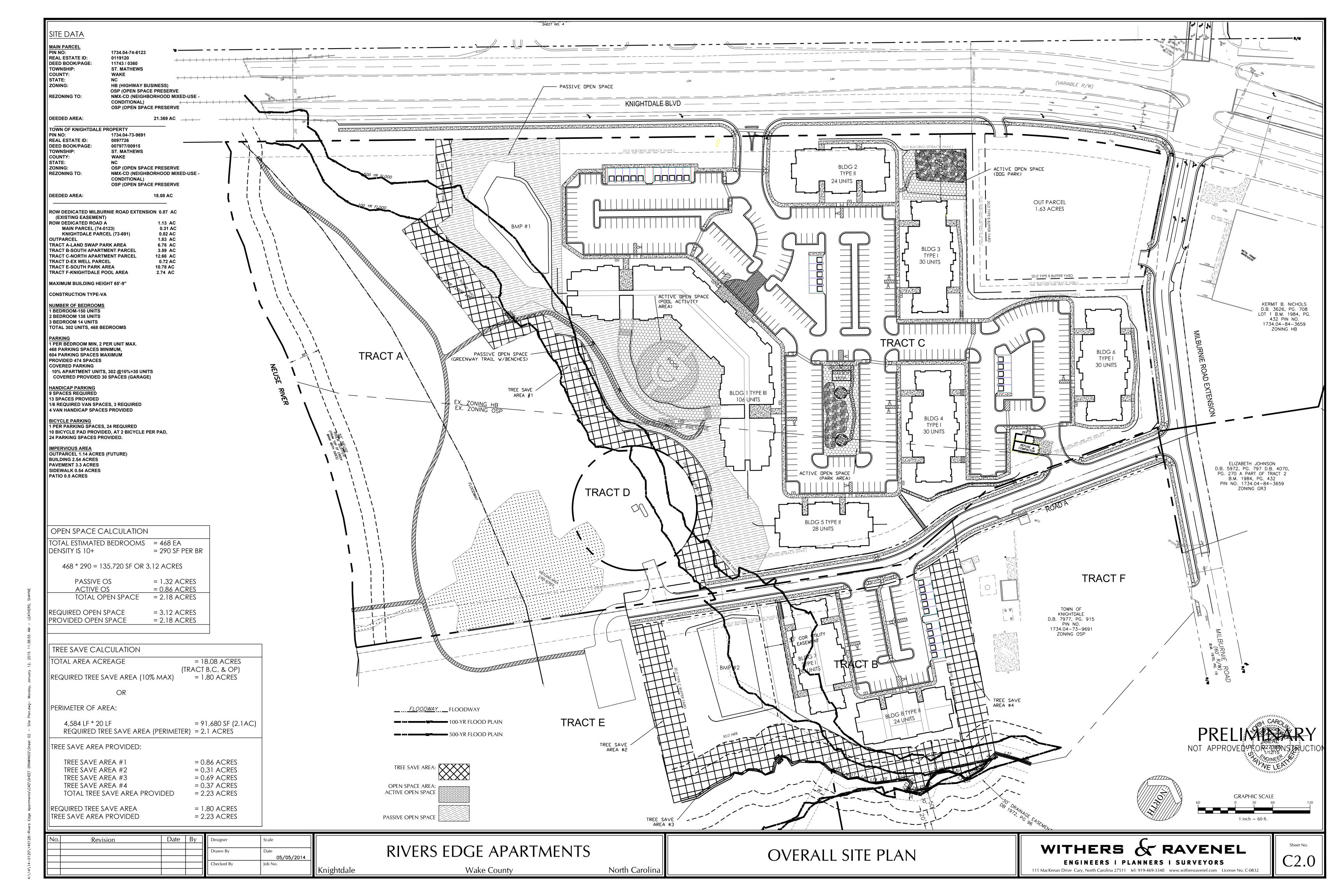


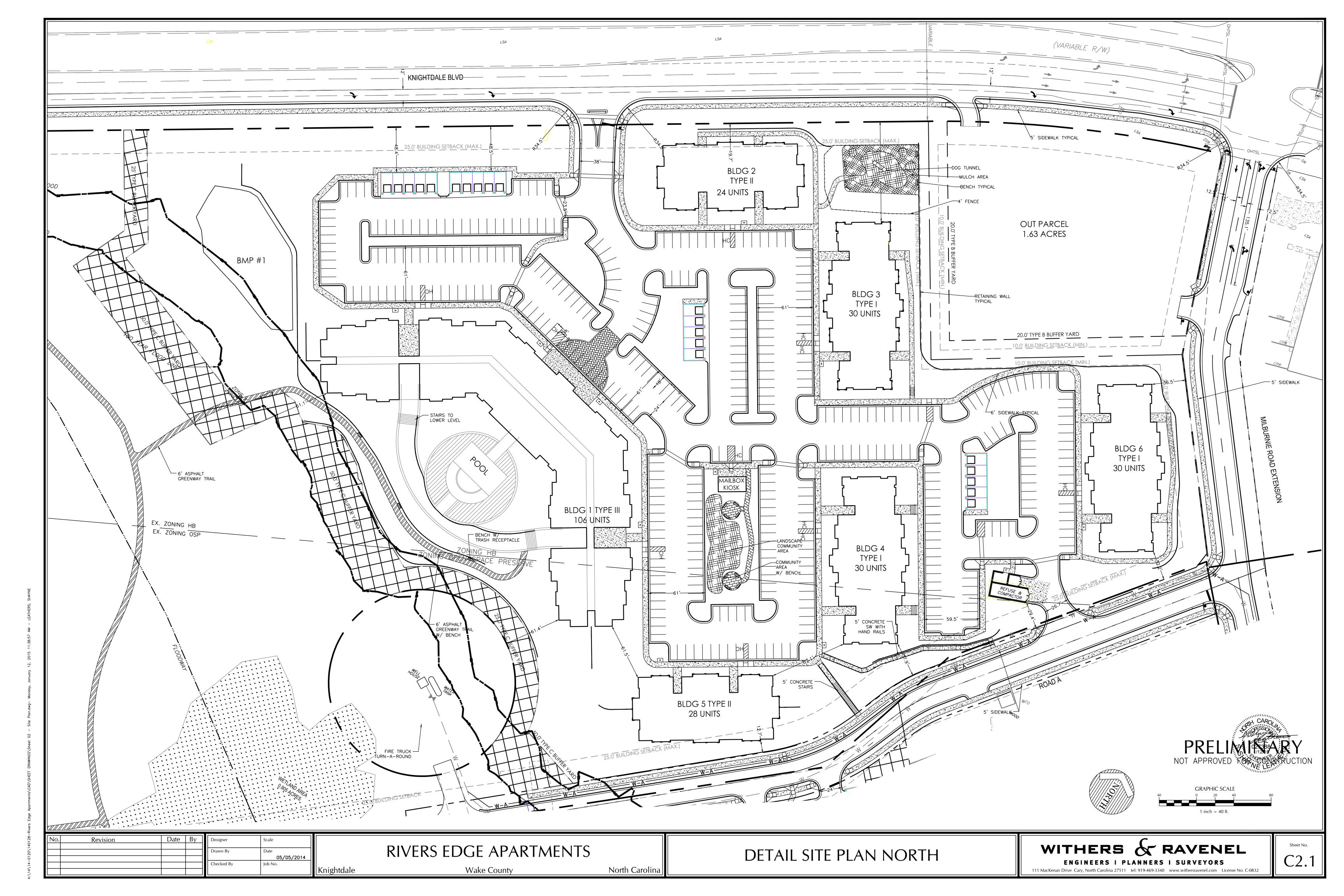
DATE SUBMITTAL 1: JANUARY 12, 2015

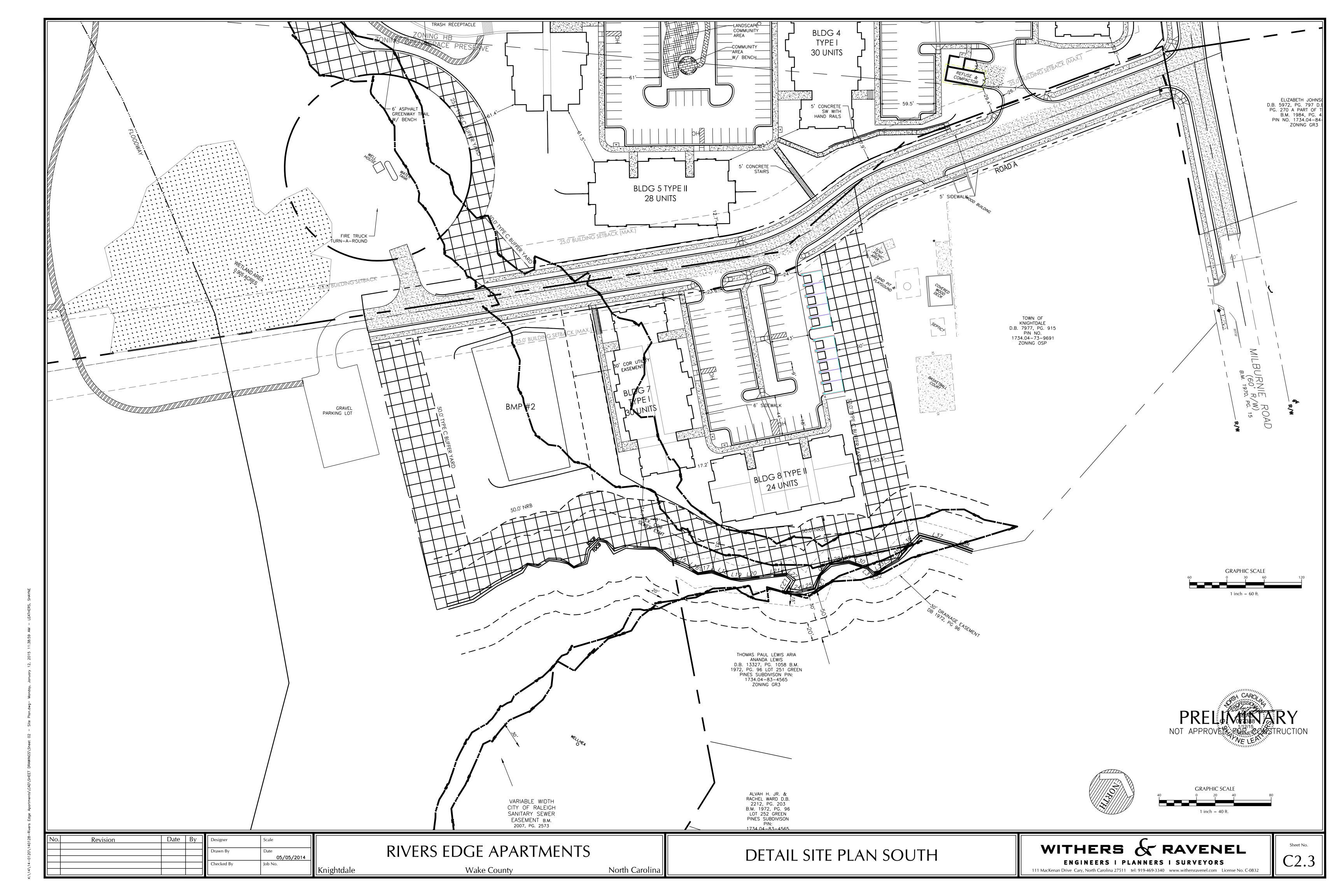
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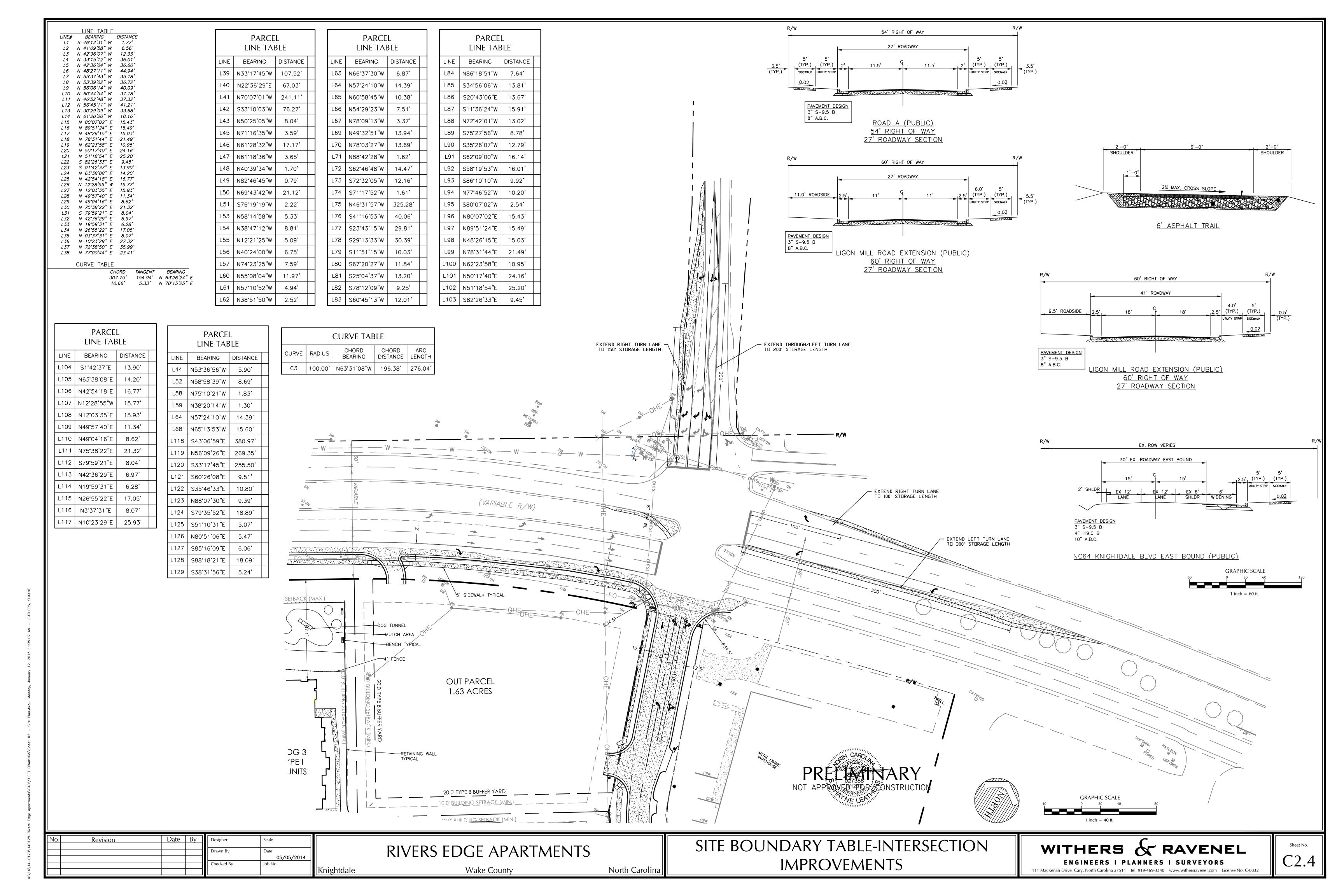


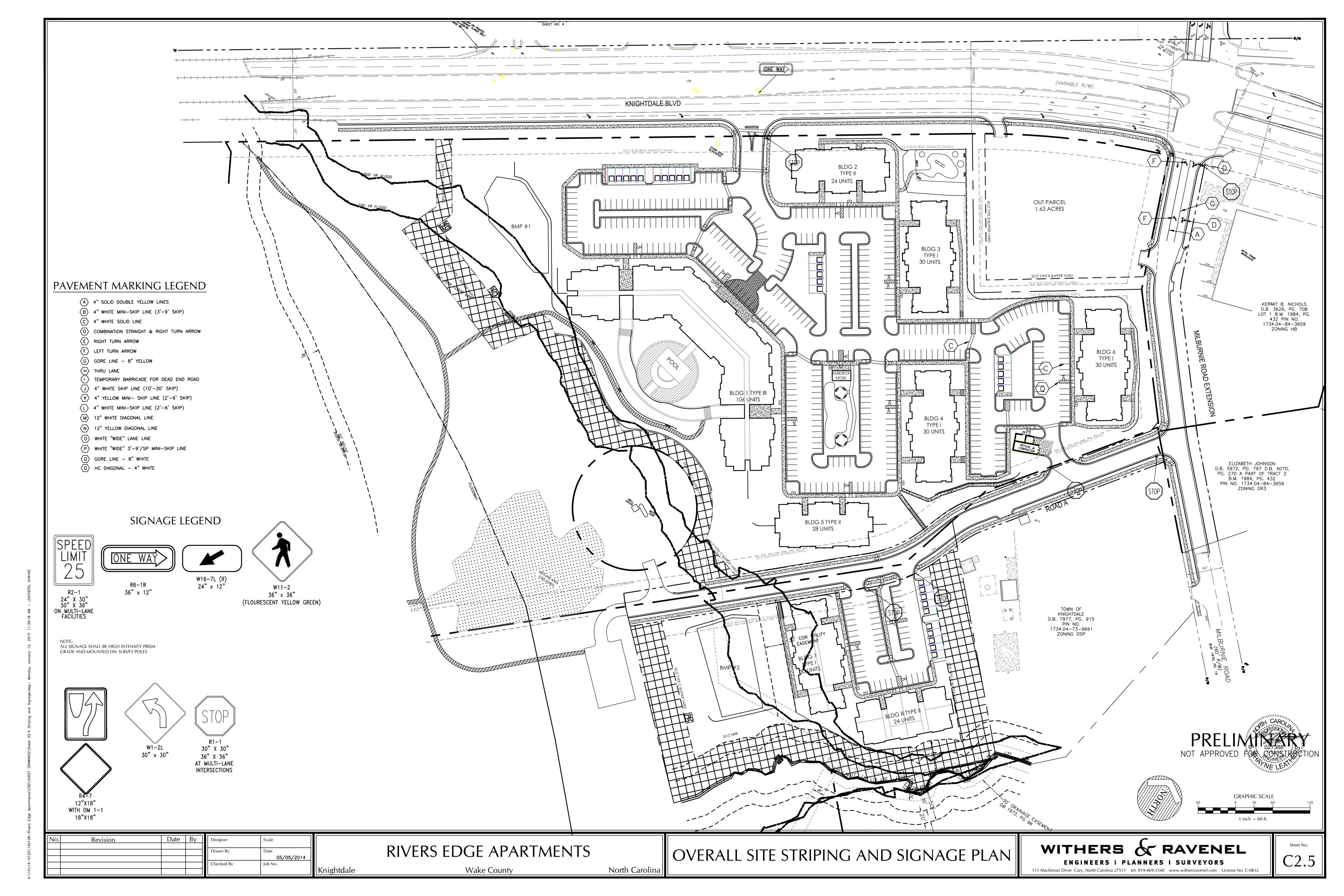


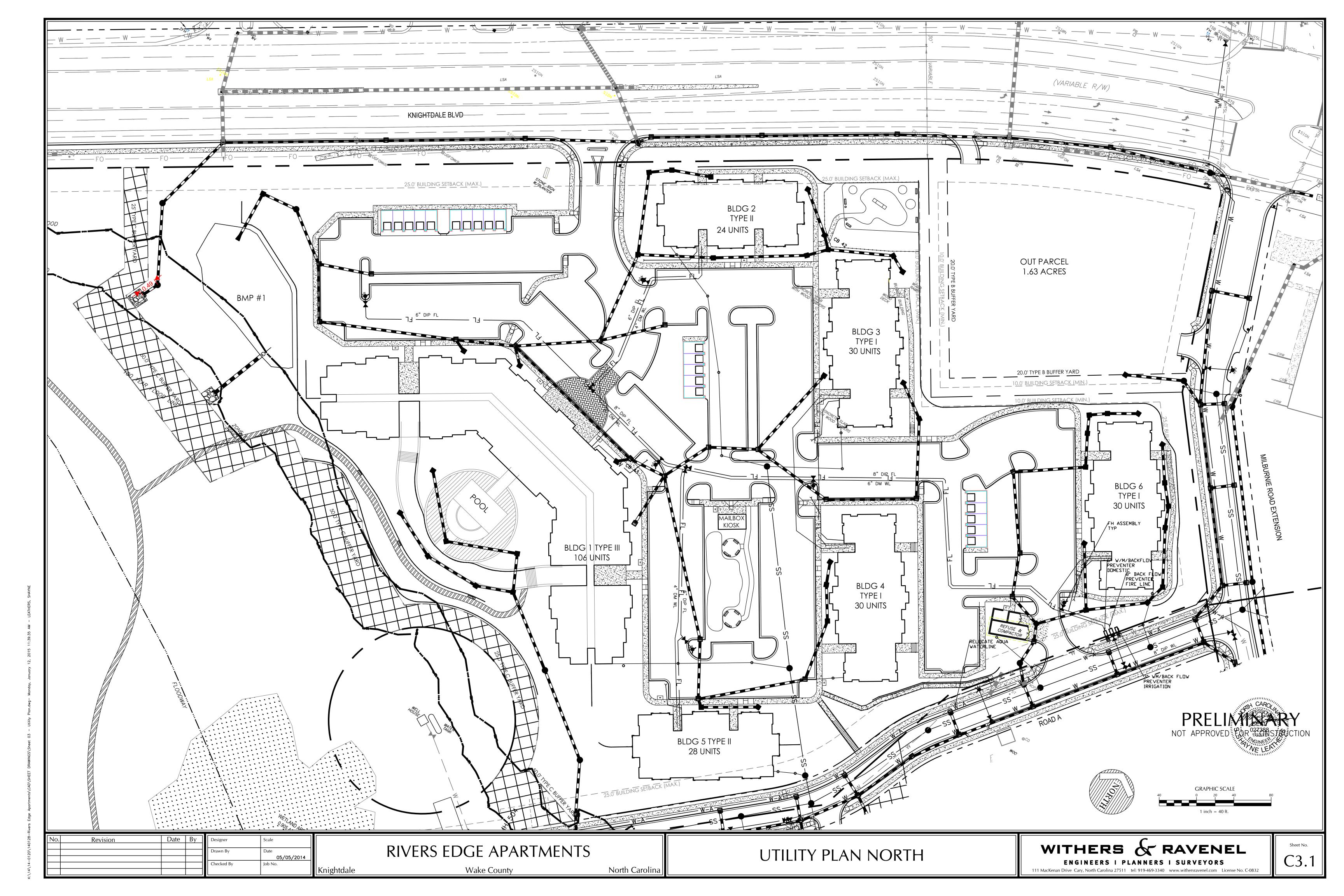


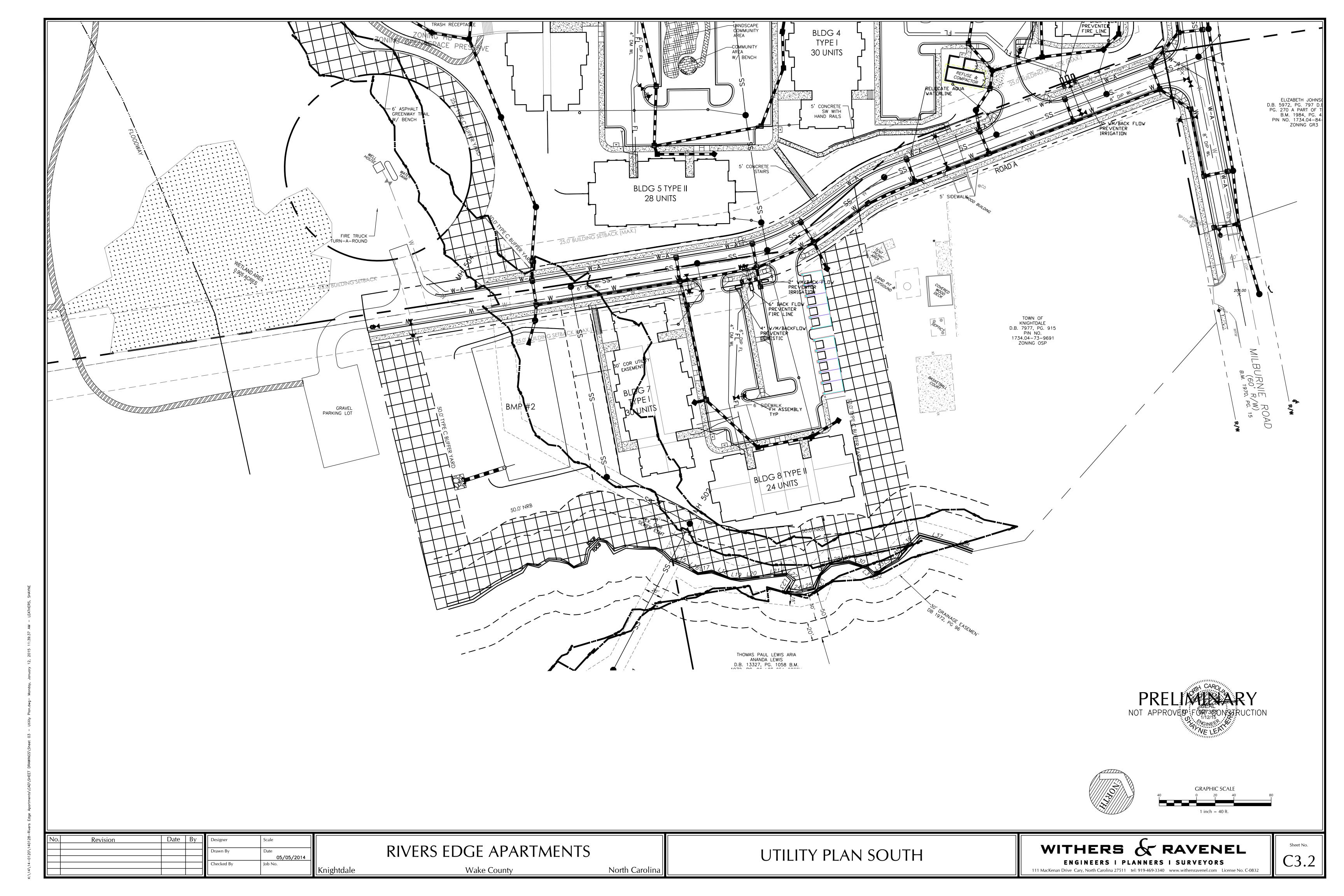


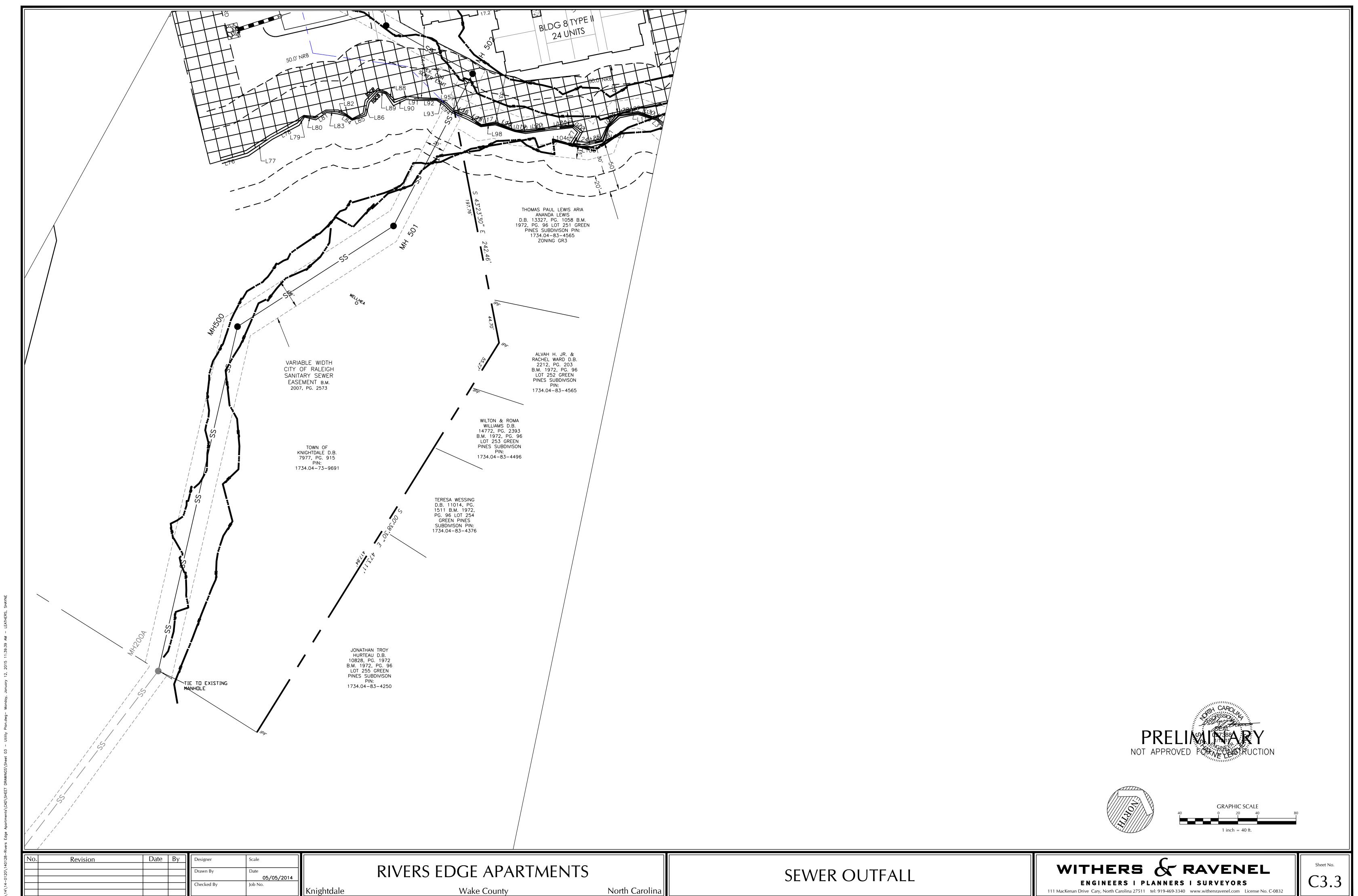


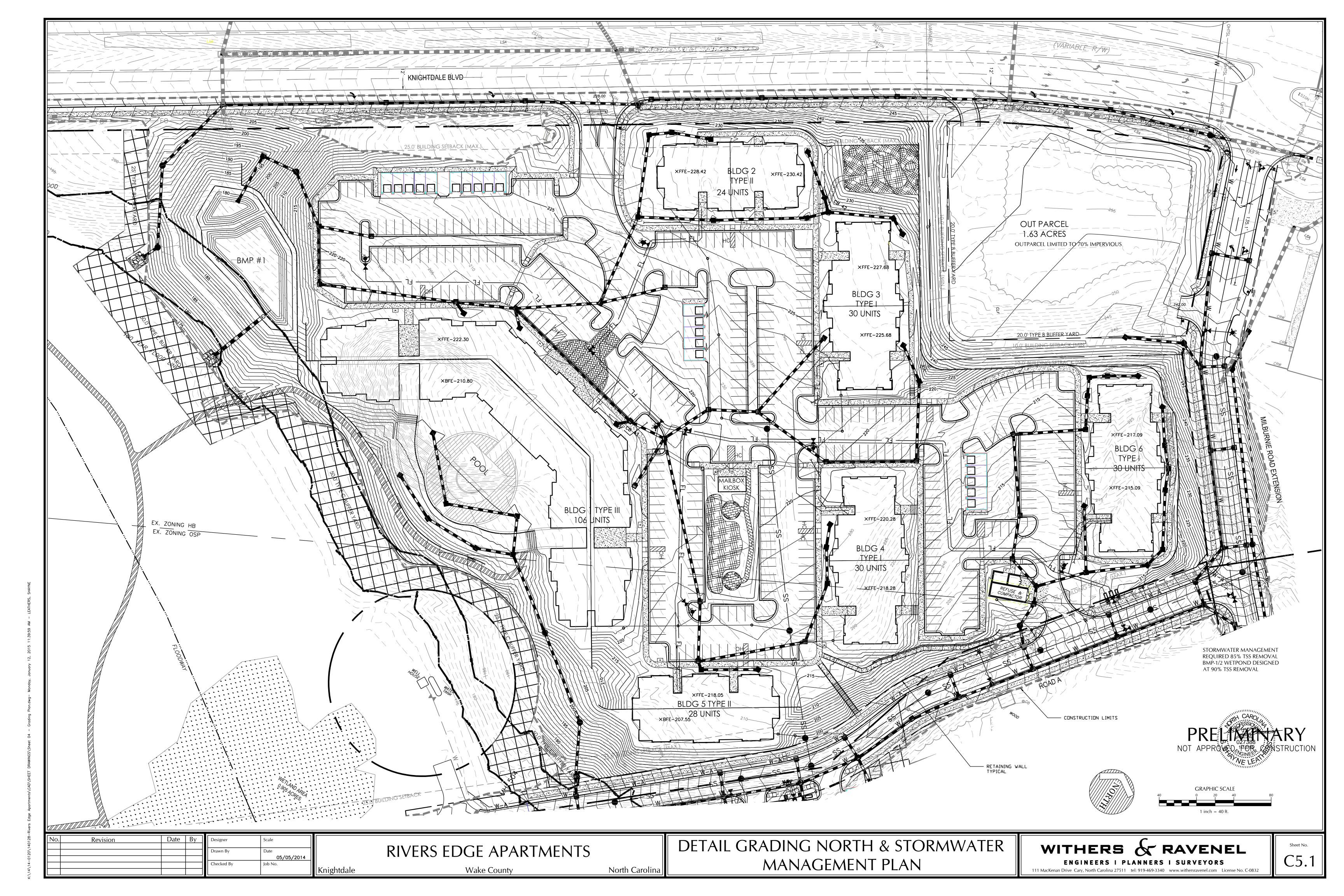


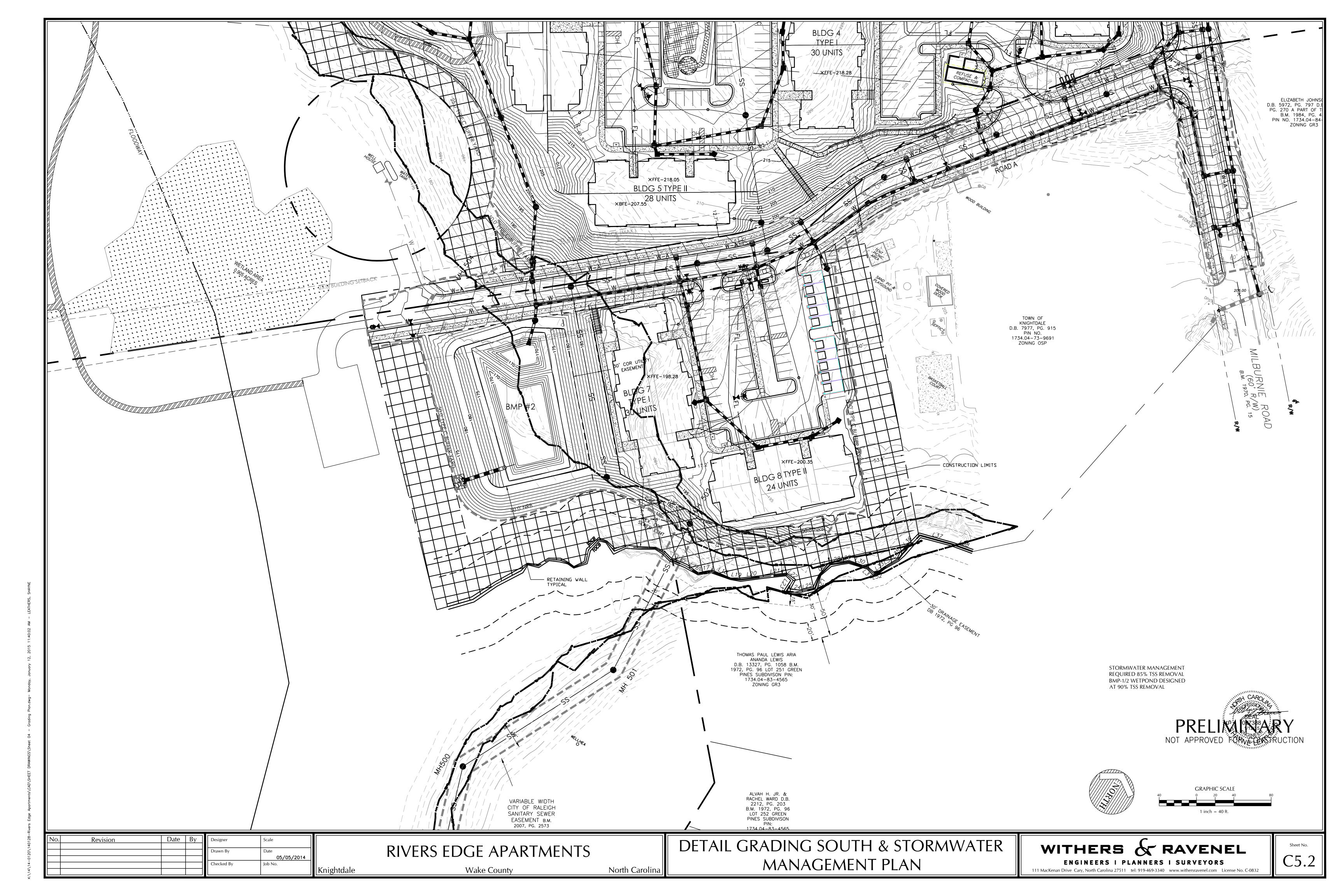


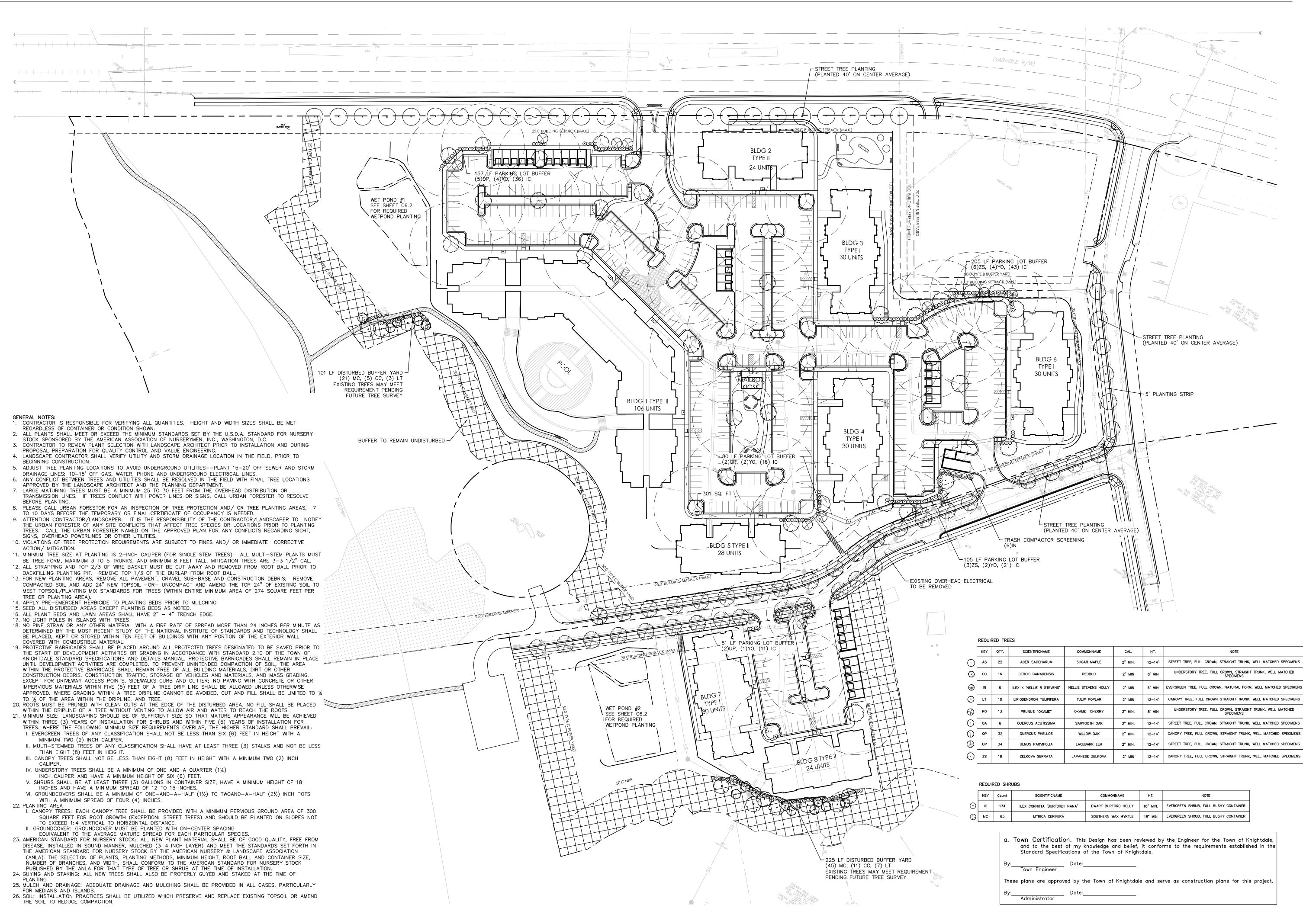












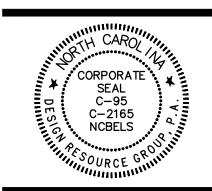


design resource group

- landscape architecture
- civil engineering
- urban design
- land planning
- traffic engineering
- transportation planning

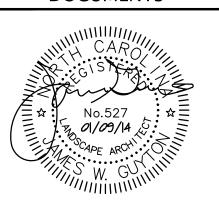
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CONSTRUCTION **DOCUMENTS**



364-006

PROJECT #: DRAWN BY: CHECKED BY:

JANUARY 9, 2015

REVISIONS:

C6.0

SECTION 8.6 BUFFERS

REQUIREMENT: TYPE C BUFFER YARD (3 CANOPY TREES, 5 UNDERSTORY TREES AND 20 SHRUBS PER 100LF)

NORTHERN PORTION OF SITE

123.31 LF OF 25' TYPE C BUFFER YARD ALONG SOUTHWESTERN PROPERTY LINE (4) CANOPY TREES, (6) UNDERSTORY TREES, (25) SHRUBS EXISTING VEGETATION TO MEET REQUIREMENT

337.83 LF OF 50' TYPE C BUFFER YARD ALONG SOUTHWESTERN PROPERTY LINE (10) CANOPY TREES, (17) UNDERSTORY TREES, (66) SHRUBS EXISTING VEGETATION TO MEET REQUIREMENT

101 LF OF 25' TYPE C BUFFER YARD ALONG SOUTHWESTERN PROPERTY LINE (2) CANOPY TREES, (3) UNDERSTORY TREES, (11) SHRUBS (3) LT, (5) CC, AND (21) MC + EXISTING VEGETATION PROVIDED:

222.83 LF OF 50' TYPE C BUFFER YARD ALONG SOUTHWESTERN PROPERTY LINE (7) CANOPY TREES, (11) UNDERSTORY TREES, (45) SHRUBS EXISTING VEGETATION TO MEET REQUIREMENT

276.04 LF OF 10' TYPE C BUFFER YARD ALONG SOUTHWESTERN PROPERTY LINE (8) CANOPY TREES, (14) UNDERSTORY TREES, (55) SHRUBS REQUIRED: EXISTING VEGETATION TO MEET REQUIREMENT

75.28 LF OF 25' TYPE C BUFFER YARD ALONG SOUTHWESTERN PROPERTY LINE (2) CANOPY TREES, (4) UNDERSTORY TREES, (15) SHRUBS EXISTING VEGETATION TO MEET REQUIREMENT PROVIDED:

SOUTHERN PORTION OF SITE

292.54 LF OF 50' TYPE C BUFFER YARD ALONG SOUTHWESTERN PROPERTY LINE (9) CANOPY TREES, (15) UNDERSTORY TREES, (59) SHRUBS EXISTING VEGETATION TO MEET REQUIREMENT

524.00 LF OF 50' TYPE C BUFFER YARD ALONG SOUTHWESTERN PROPERTY LINE (16) CANOPY TREES, (26) UNDERSTORY TREES, (105) SHRUBS (7) LT, (11) CC, AND (45) MC (FOR DISTURBED PORTION OF BUFFER) + EXISTING VEGETATION

339.83 LF OF 50' TYPE C BUFFER YARD ALONG NORTHEASTERN PROPERTY LINE REQUIRED: (10) CANOPY TREES, (17) UNDERSTORY TREES, (68) SHRUBS PROVIDED: EXISTING VEGETATION TO MEET REQUIREMENT

SECTION 8.7A.1. PARKING LOT SCREENING

REQUIREMENT: TYPE A BUFFER (3 CANOPY TREES, 2 UNDERSTORY TREES AND 20 SHRUBS PER 100LF) ON ALL SIDES OF PARKING LOTS FRONTS PUBLIC RIGHT-OF-WAY AND SIDES NOT OTHERWISE PROTECTED BY A BUFFER YARD SHALL BE SCREENED TO REDUCE NEGATIVE IMPACT OF AUTOMOBILE HEADLIGHTS AND GLARE ON ADJACENT PROPERTIES.

157 LF PARKING FRONTING US HIGHWAY 64

REQUIRED: (5) CANOPY TREES, (4) UNDERSTORY TREES, (36) SHRUBS (5) QP, (4) YO AND (36) IC PROVIDED:

205 LF PARKING ALONG OUTPARCEL

REQUIRED: (6) CANOPY TREES, (4) UNDERSTORY TREES, (41) SHRUBS (6) ZS, (4) YO AND (43) IC

105 LF PARKING FRONTING NEW PUBLIC STREET (NORTH SIDE)

(3) CANOPY TREES, (2) UNDERSTORY TREES, (21) SHRUBS (3) ZS, (2) YO AND (21) IC

80 LF PARKING FRONTING NEW PUBLIC STREET (NORTH SIDE)

REQUIRED: (2) CANOPY TREES, (2) UNDERSTORY TREES, (16) SHRUBS PROVIDED: (2) QP, (2) YO AND (16) IC

51 LF PARKING FRONTING NEW PUBLIC STREET (SOUTH SIDE) REQUIRED: (2) CANOPY TREES, (1) UNDERSTORY TREES, (10) SHRUBS

PROVIDED: (2) UP, (1) YO AND (11) IC

SECTION 8.7C ENCLOSED CONTAINMENT AREAS FOR TRASH AND RECYCLABLES REQUIREMENT: ENCLOSED CONTAINMENT AREAS FOR TRASH AND RECYCLABLES SHALL BE SCREENED BY THE ELEMENTS OF A TYPE B BUFFER YARD THAT PERTAIN TO SEMI-OPAQUE

PROVIDED: (6) 6' NELLIE STEVENS HOLLY SECTION 8.8 PARKING LOT LANDSCAPING

SCREENS UP TO 6' IN HEIGHT.

REQUIREMENT: NO PARKING SPACE SHALL BE MORE THAN 60 FT FROM THE BASE OF A DECIDUOUS CANOPY TREE AND A LANDSCAPE AREA SHALL BE PROVIDED AT THE END OF EACH PARKING ROW AND CONTAIN A DECIDUOUS CANOPY TREE. EACH CANOPY TREE

PLANTING AREA SHALL BE A MINIMUM OF 300 SQ FT. (8) JAPANESE ZELKOVA, 2" CALIPER MIN. (25) WILLOW OAK, 2" CALIPER MINIMUM

SECTION 8.10 STREET TREES

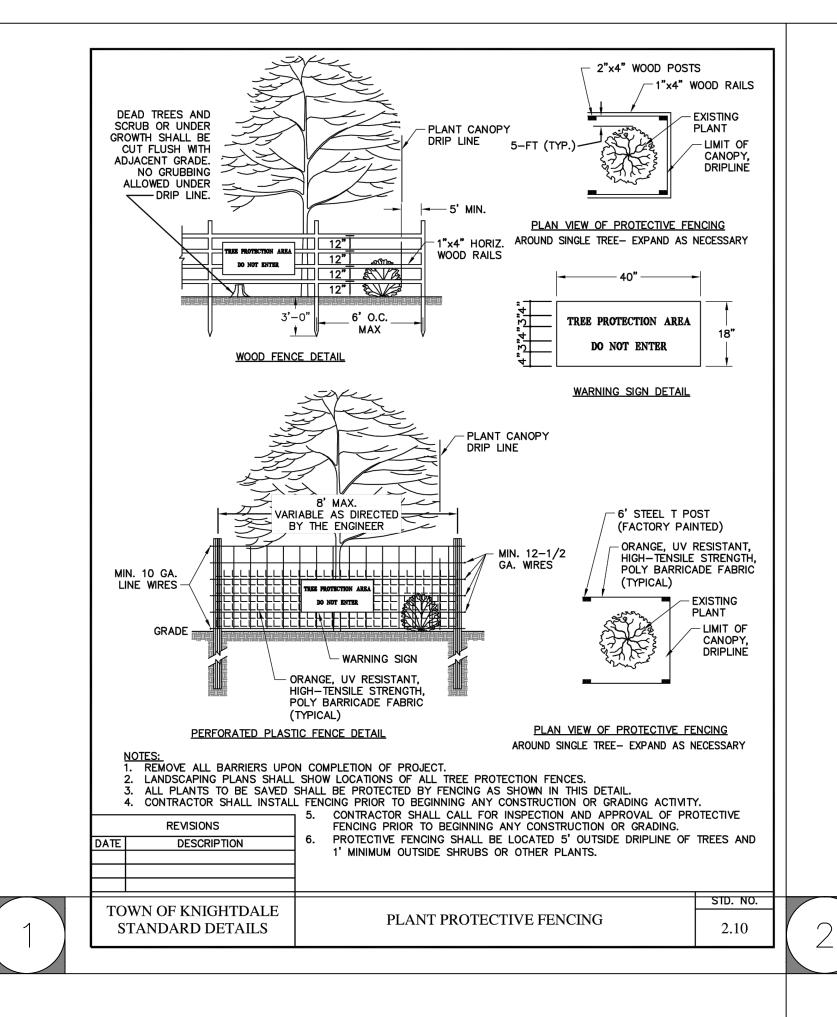
REQUIREMENT: CANOPY TREES SHALL BE PLANTED ON THE AVERAGE OF 40' ON CENTER, 5' MINIMUM PLANTING STRIP. UNDERSTORY TREES ARE PERMITTED UNDER EXISTING OVERHEAD UTILITIES. STREET TREES SHALL BE AT LEAST 10' FROM LIGHT POLES AND 12' FROM ELECTRICAL TRANSFORMERS (UNDERSTORY TREES SHALL BE 5' FROM EACH)

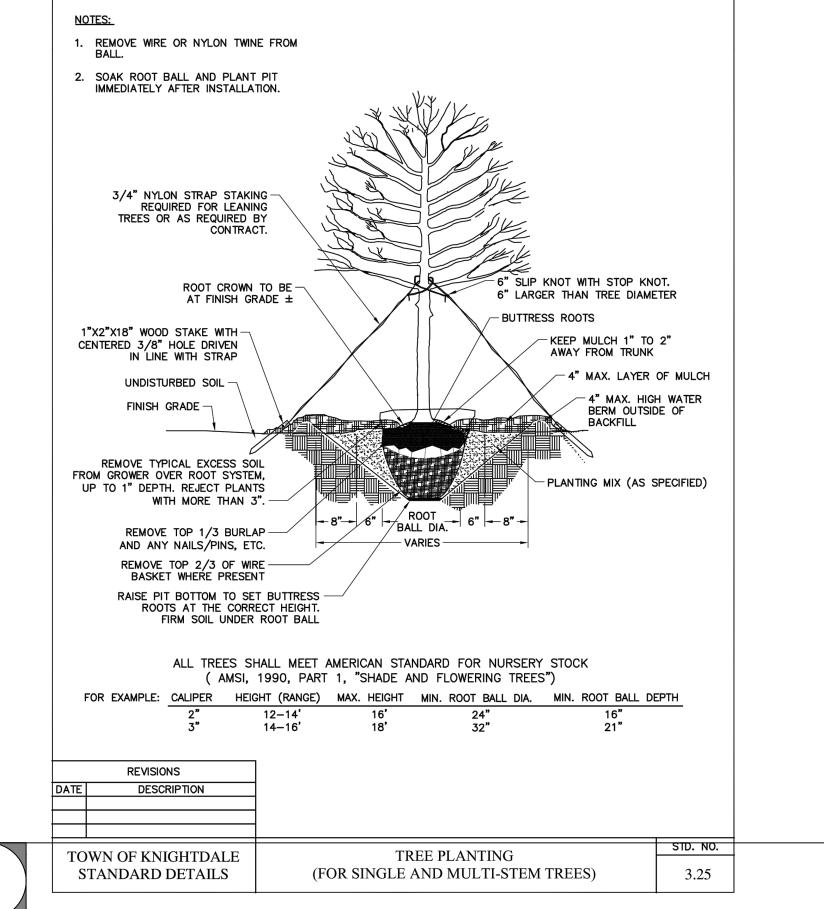
US HIGHWAY 64 = 862.31 LF / 40' = 22 CANOPY TREES REQUIRED PROVIDED = (22) SUGAR MAPLES 2" MIN CALIPER.

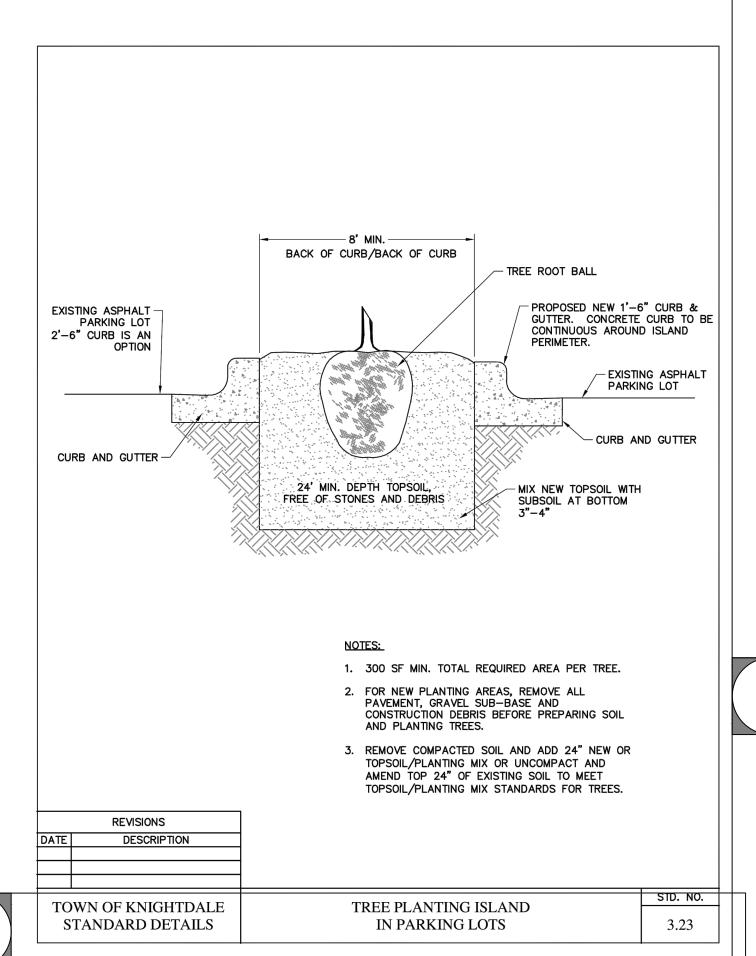
MILBURNIE ROAD = 223.75 LF / 40' = 6 CANOPY TREES REQUIRED PROVIDED = (6) SAWTOOTH OAKS 2" MIN CALIPER.

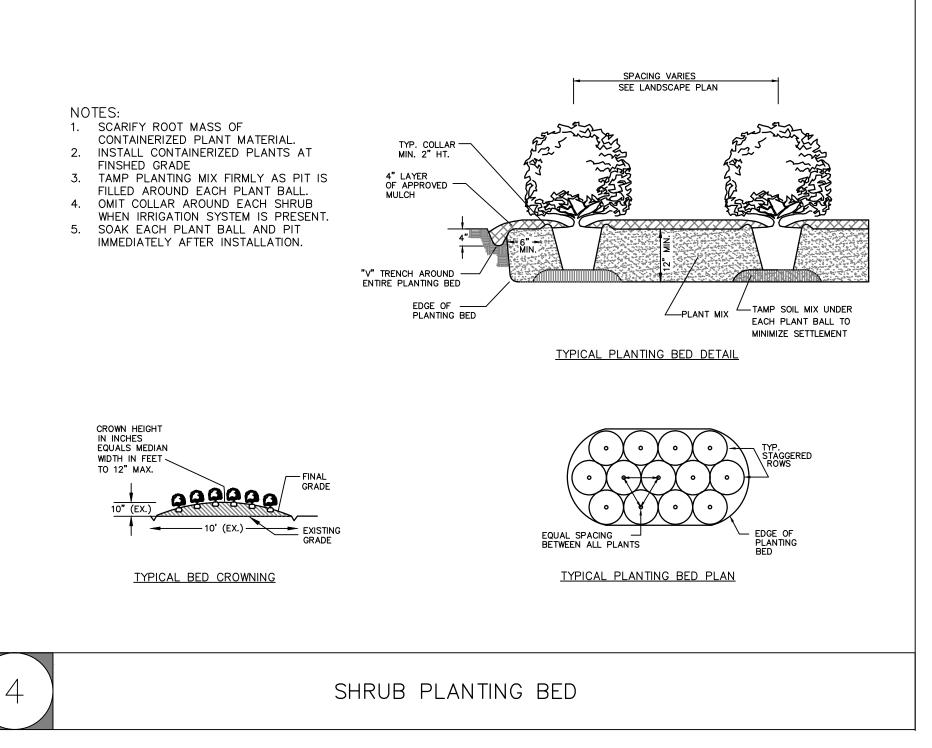
NEW PUBLIC STREET (NORTH SIDE) = 773.73 LF / 40' = 20 CANOPY TREES REQUIRED = (20) LACEBARK ELMS 2" MIN CALIPER. PROVIDED

NEW PUBLIC STREET (SOUTH SIDE) = 546.97 LF / 40' = 14 CANOPY TREES REQUIRED = (14) LACEBARK ELMS 2" MIN CALIPER.









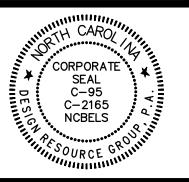
a. Town Certification. This Design has been reviewed by the Engineer for the Town of Knightdale, and to the best of my knowledge and belief, it conforms to the requirements established in the Standard Specifications of the Town of Knightdale. These plans are approved by the Town of Knightdale and serve as construction plans for this project.



design resource group

- landscape architecture
- civil engineering
- urban design
- land planning
- traffic engineering transportation planning

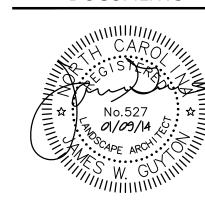
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RIV AP/

CONSTRUCTION **DOCUMENTS**



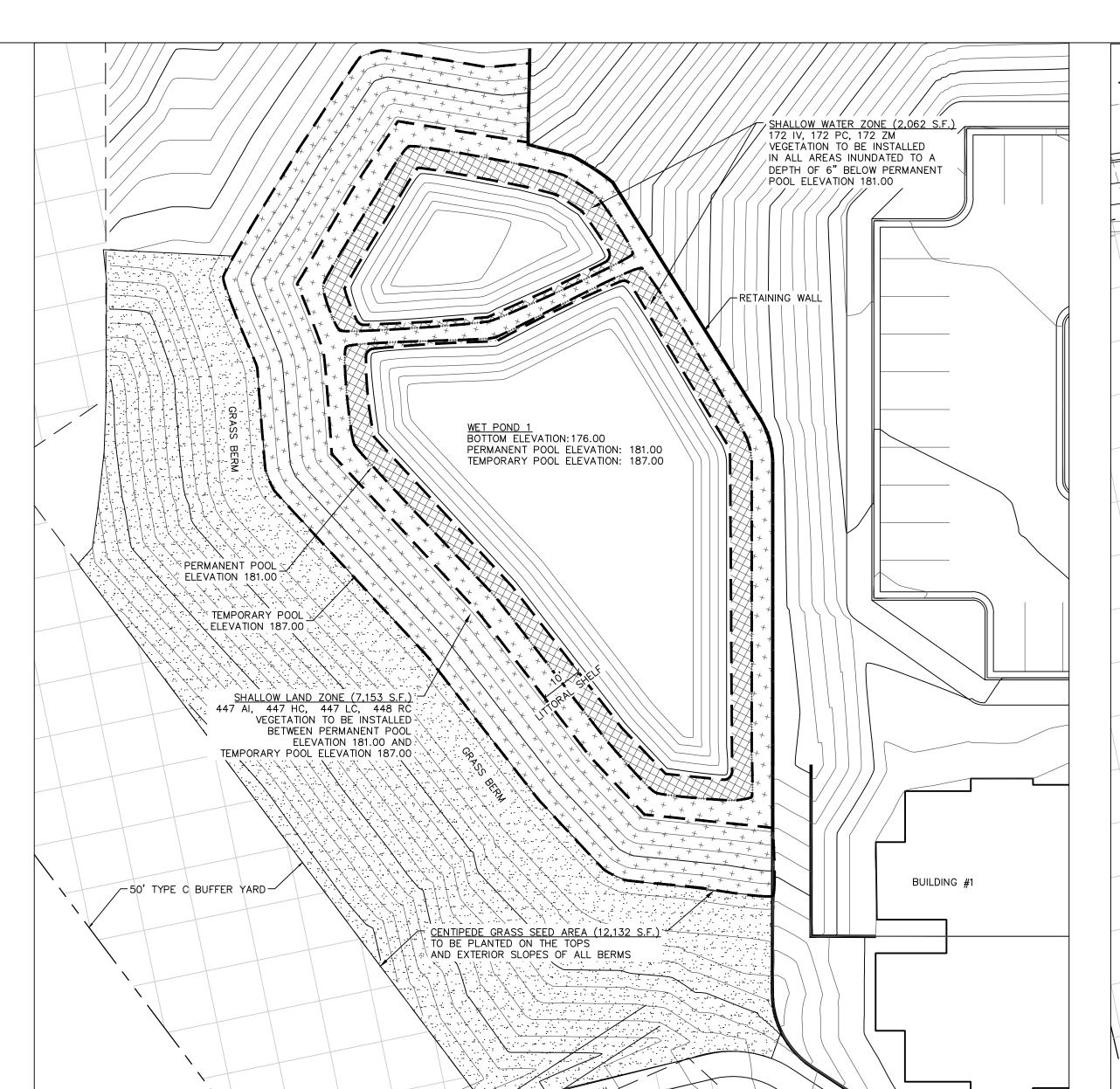
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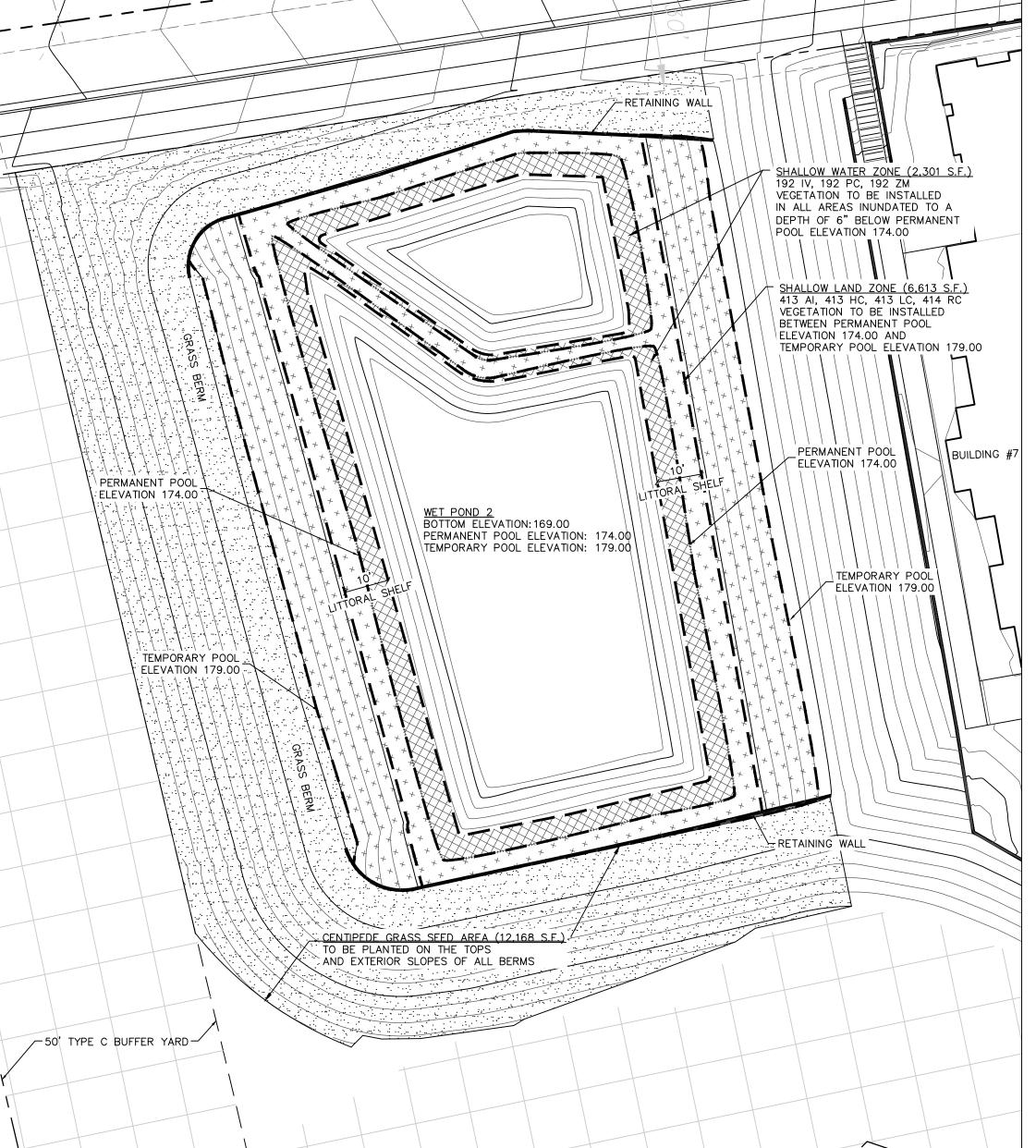
PROJECT #: 364-006 DRAWN BY: CHECKED BY:

PLANTING CALCULATIONS & DETAILS

JANUARY 9, 2015

REVISIONS:





BMP #2: REQUIRED PLANTING PLAN

WET POND 1 LANDSCAPING SCHEDULE

BMP #1: REQUIRED PLANTING PLAN

KEY	QTY.	SCIENTIFIC NAME	COMMON NAME	CON.	NOTE	ZONE
IV	172	IRIS VIRGINICA	BLUE FLAG IRIS	2"ø x 5" PLUG	PLANT 50 PLUGS PER 200 S.F.	SHALLOW WATER
PC	172	PONTEDERIA CORDATA	PICKERELWEED	2"ø x 5" PLUG	PLANT 50 PLUGS PER 200 S.F.	SHALLOW WATER
ZM	172	ZIZANIOPSIS MILIACEA	GIANT CUTGRASS	2"ø x 5" PLUG	PLANT 50 PLUGS PER 200 S.F.	SHALLOW WATER
Al	447	ASCLEPIAS INCARNATA	SWAMP MILKWEED	2"ø x 5" PLUG	PLANT 50 PLUGS PER 200 S.F.	SHALLOW LAND
НС	447	HIBISCUS COCCINEUS	SCARLET ROSE MALLOW	2"ø x 5" PLUG	PLANT 50 PLUGS PER 200 S.F.	SHALLOW LAND
LC	447	LOBELIA CARDINALIS	CARDINAL FLOWER	2"ø x 5" PLUG	PLANT 50 PLUGS PER 200 S.F.	SHALLOW LAND
RC	448	RHYNCHOSPORA COLORATA	STARRUSH WHITETOP	2"ø x 5" PLUG	PLANT 50 PLUGS PER 200 S.F.	SHALLOW LAND

WET POND 2 LANDSCAPING SCHEDULE

KEY	QTY.	SCIENTIFIC NAME	COMMON NAME	CON.	NOTE	ZONE
IV	192	IRIS VIRGINICA	BLUE FLAG IRIS	2"ø x 5" PLUG	PLANT 50 PLUGS PER 200 S.F.	SHALLOW WATER
PC	192	PONTEDERIA CORDATA	PICKERELWEED	2"ø x 5" PLUG	PLANT 50 PLUGS PER 200 S.F.	SHALLOW WATER
ZM	192	ZIZANIOPSIS MILIACEA	GIANT CUTGRASS	2"ø x 5" PLUG	PLANT 50 PLUGS PER 200 S.F.	SHALLOW WATER
Al	413	ASCLEPIAS INCARNATA	SWAMP MILKWEED	2"ø x 5" PLUG	PLANT 50 PLUGS PER 200 S.F.	SHALLOW LAND
НС	413	HIBISCUS COCCINEUS	SCARLET ROSE MALLOW	2"ø x 5" PLUG	PLANT 50 PLUGS PER 200 S.F.	SHALLOW LAND
LC	413	LOBELIA CARDINALIS	CARDINAL FLOWER	2"ø x 5" PLUG	PLANT 50 PLUGS PER 200 S.F.	SHALLOW LAND
RC	414	RHYNCHOSPORA COLORATA	STARRUSH WHITETOP	2"ø x 5" PLUG	PLANT 50 PLUGS PER 200 S.F.	SHALLOW LAND

WETPOND PLANTING NOTES: ALL WET PONDS SHALL BE PLANTED AND MAINTAINED IN ACCORDANCE WITH THE MOST CURRENT VERSION OF THE NCDENR STORMWATER BMP MANUAL.

THE SHALLOW WATER ZONE IS DEFINED AS THE AREA FROM THE PERMANENT POOL ELEVATION OF THE POND TO 6" BELOW THE PERMAMENT POOL ELEVATION. THIS ZONE SHALL BE PLANTED AT A RATE 50 HERBACEOUS PLANTS PER 200 S.F. OF SHALLOW WATER AREA.

THE SHALLOW LAND ZONE IS DEFINED AS THE TEMPORARY STORAGE VOLUME OF THE WETPOND BETWEEN THE DESIGNED TEMPORARY POOL ELEVATION AND THE PERMANENT POOL ELEVATION. THIS ZONE SHALL BE PLANTED AT A RATE 50 HERBACEOUS PLANTS PER 200 S.F. OF SHALLOW LAND AREA.

HERBACEOUS PLANTS SHALL BE PLANTED IN CLUSTERS OF 30 TO 50 OF A SINGLE SPECIES. CLUSTERS SHALL BE RANDOMLY DISPERSED THROUGHOUT THE APPROPRIATE PLANTING ZONE.

WETPOND PLANTS SHALL BE INSTALLED WITHIN 14 DAYS OF THE WETPOND BEING BROUGHT ONLINE.

TREES OR SHRUBS SHOULD NOT BE PLANTED ON PORTIONS OF WATER IMPOUNDING BERMS TALLER THAN 4 FEET HIGH.

NO CATTAILS SHALL BE PLANTED.

ANY PLANTS PLANTED IN THE LOW ZONES SHALL BE PLANTED HIGH ON SLIGHTLY RAISED MOUNDS TO FACILITATE AERATION OF THE ROOTS.

NO TREES SHALL BE PLANTED WITHIN 10 FEET OF A RELIEF DRAIN.

THE TOPS AND EXTERIOR SLOPES OF ALL CONTAINMENT BERMS SHALL BE SEEDED WITH CENTIPEDE GRASS.

TOPSOIL / PLANTING MIX REQUIREMENTS

- 1. EXISTING COMPACTED SOIL MUST BE REMOVED AND REPLACED WITH 24" OF TOPSOIL / PLANTING MIX OR EXISTING SOIL MAY BE UNCOMPACTED TO A DEPTH OF 24" AND AMENDED TO MEET TOPSOIL STANDARDS FOR THE ENTIRE PLANTING AREA.
- 2. SOIL IN ALL PLANTING STRIPS OR ISLANDS, WHETHER EXISTING OR NEW (ON NEW OR RENOVATED SITES), MUST MEET THE MINIMUM TOPSOIL/PLANTING MIX SPECIFICATIONS. SOIL AMENDMENTS OR FRESH TOPSOIL / PLANTING MIX AREA OFTEN NEEDED FOR PLANTING AREAS AT SITES WHERE ORIGINAL TOPSOIL IS OF POOR QUALITY, HEAVILY COMPACTED OR WHERE TOPSOIL HAS BEEN COMPLETELY REMOVED DURING GRADING.
- 3. TOPSOIL / PLANTING MIX SHOULD BE NATURAL, FERTILE, AGRICULTURAL SOIL CAPABLE OF SUSTAINING VIGOROUS PLANT GROWTH. IT SHOULD BE UNIFORM COMPOSITION THROUGHOUT, WITH ADMIXTURE OF SUBSOIL. IT SHOULD BE FREE OF STONES, LUMPS, LIVE PLANTS AND THEIR ROOTS, STICKS AND OTHER EXTRANEOUS MATTER. TOPSOIL SHOULD NOT BE USED WHILE IN A FROZEN OR MUDDY CONDITION.
- 4. TOPSOIL / PLANTING MIX SHALL HAVE AN ACIDITY RANGE OF PH 5.5-7.0 AND THE FOLLOWING COMPOSITION:

CLAY (RED CLAY, WELL PULVERIZED) MINIMUM 10%; MAXIMUM 35% COMPOST* / ORGANIC MINIMUM 5%; MAXIMUM 10% MINIMUM 30%; MAXIMUM 50% COARSE SAND (FREE OF ROCKS, 0.5 TO 1.0 MM F) MINIMUM 30%; MAXIMUM 45%

*ORGANIC MATERIAL SUCH AS SAWDUST OR LEAF MOLD THAT HAS COMPLETED THE DECOMPOSITION PROCESS

MAINTENANCE PLAN:

A MINIMUM TWO-YEAR WARRANTY PERIOD IS REQUIRED STIPULATING REQUIREMENTS FOR PLANT SURVIVAL AND REPLACEMENT.

REQUIRED PLANTING NOTES:

1. PRIOR TO DEMOLITION, CLEARING, CONSTRUCTION, GRADING, AND INSTALLATION OF EROSION CONTROL MEASURES; TREE PROTECTIVE BARRIERS MUST BE INSTALLED AROUND ALL TREE SAVE AREAS BY THE DEVELOPER AND APPROVED BY THE TOWN.

<u>LEGEND</u>

<u>SHALLOW</u> WATER AREA

SHALLOW LAND AREA

GRASS SEED

- 2. THE TREE PROTECTION FENCE SHALL BE LOCATED ALONG THE PERIMETER OF THE TREE SAVE AREA (DRIP LINE PLUS 5 FEET). TREE PROTECTION FENCING FOR A FOREST CANOPY STANDS AREA IS TO BE LOCATED ALONG THE PERIMETER OF THE TREE SAVE AREA AROUND THE FOREST EDGE. TREE PROTECTION FENCING SHALL CONSIST OF ORANGE SAFETY FENCING OR A COMBINATION OF ORANGE SAFETY FENCING WITH SILT FENCING AT A MINIMUM OF 4 FEET IN HEIGHT ON METAL OR WOOD POSTS.
- 3. ALL TREE PROTECTION AREAS MUST BE DESIGNATED AS SUCH WITH "TREE SAVE AREA SIGNS" POSTED IN ADDITION TO THE REQUIRED PROTECTIVE FENCING. SIGNS REQUESTING SUBCONTRACTOR COOPERATION AND COMPLIANCE WITH TREE PROTECTION STANDARDS ARE RECOMMENDED FOR SITE ENTRANCES.
- 4. NO SOIL DISTURBANCE OR COMPACTION, STOCK PILING OF SOIL OR OTHER CONSTRUCTION MATERIAL, VEHICULAR TRAFFIC, OR STORAGE OF EQUIPMENT AND MATERIALS ARE ALLOWED WITHIN TREE SAVE
- 5. NO ROPES, SIGNS, WIRES, UNPROTECTED ELECTRICAL INSTALLATION OR OTHER DEVICE OR MATERIAL, SHALL BE SECURED OR FASTENED AROUND OR THROUGH A TREE OR SHRUB.
- 6. ALL PROTECTIVE MEASURES SHALL BE MAINTAINED THROUGHOUT THE LAND DISTURBING AND CONSTRUCTION PROCESS, AND SHALL NOT BE REMOVED UNTIL FINAL LANDSCAPING IS INSTALLED.

PROJECT #: 364-006

RIV APA KNIGHTI

design resource group

landscape architecture

transportation planning

CORPORATE

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civil engineering urban design land planning traffic engineering

DRAWN BY: CHECKED BY:

CONSTRUCTION

DOCUMENTS

01/09/14

REQUIRED BMP PLANTING PLANS

JANUARY 9, 2015

REVISIONS:

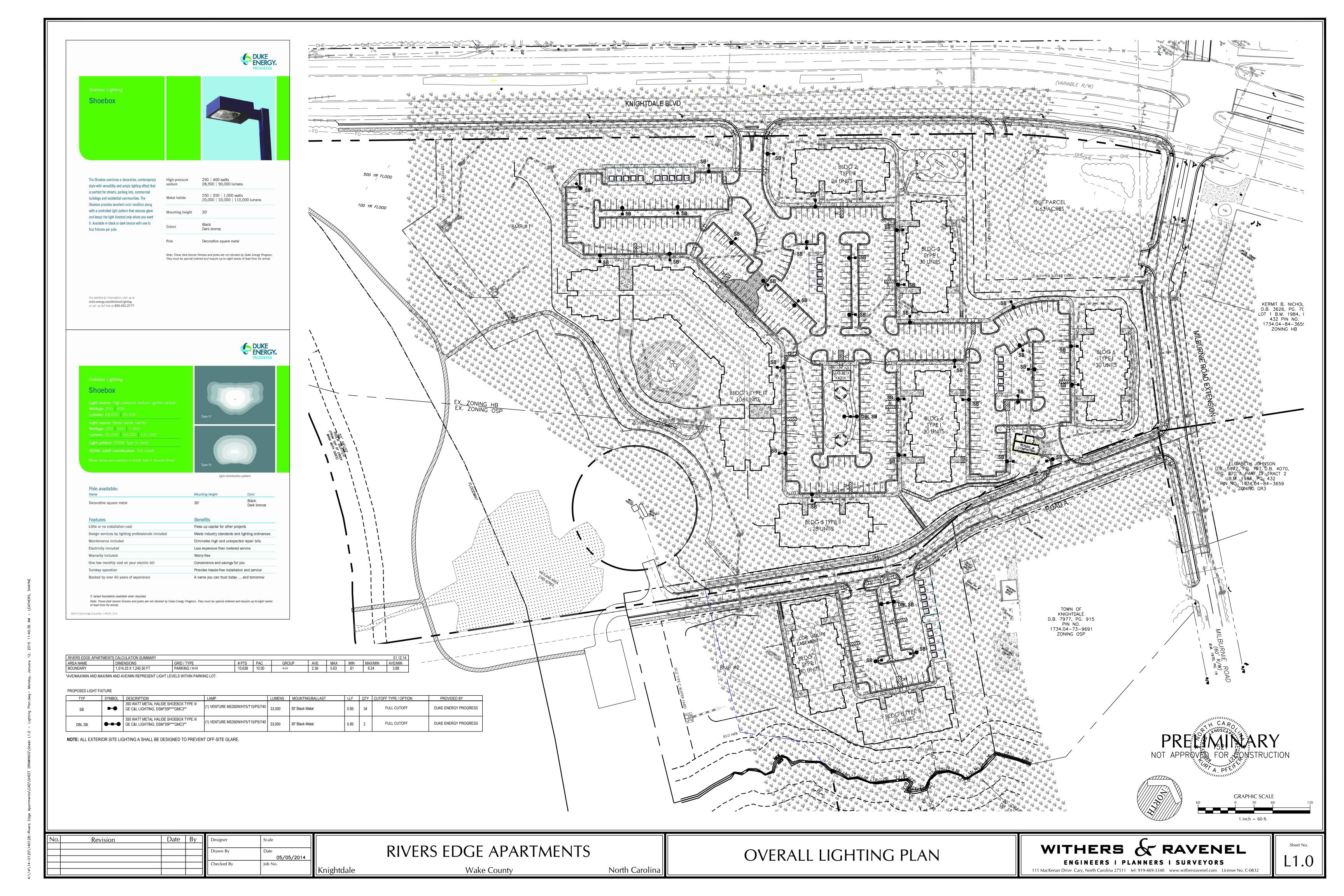
By: ____ Date: ____ These plans are approved by the Town of Knightdale and serve as construction plans for this project.

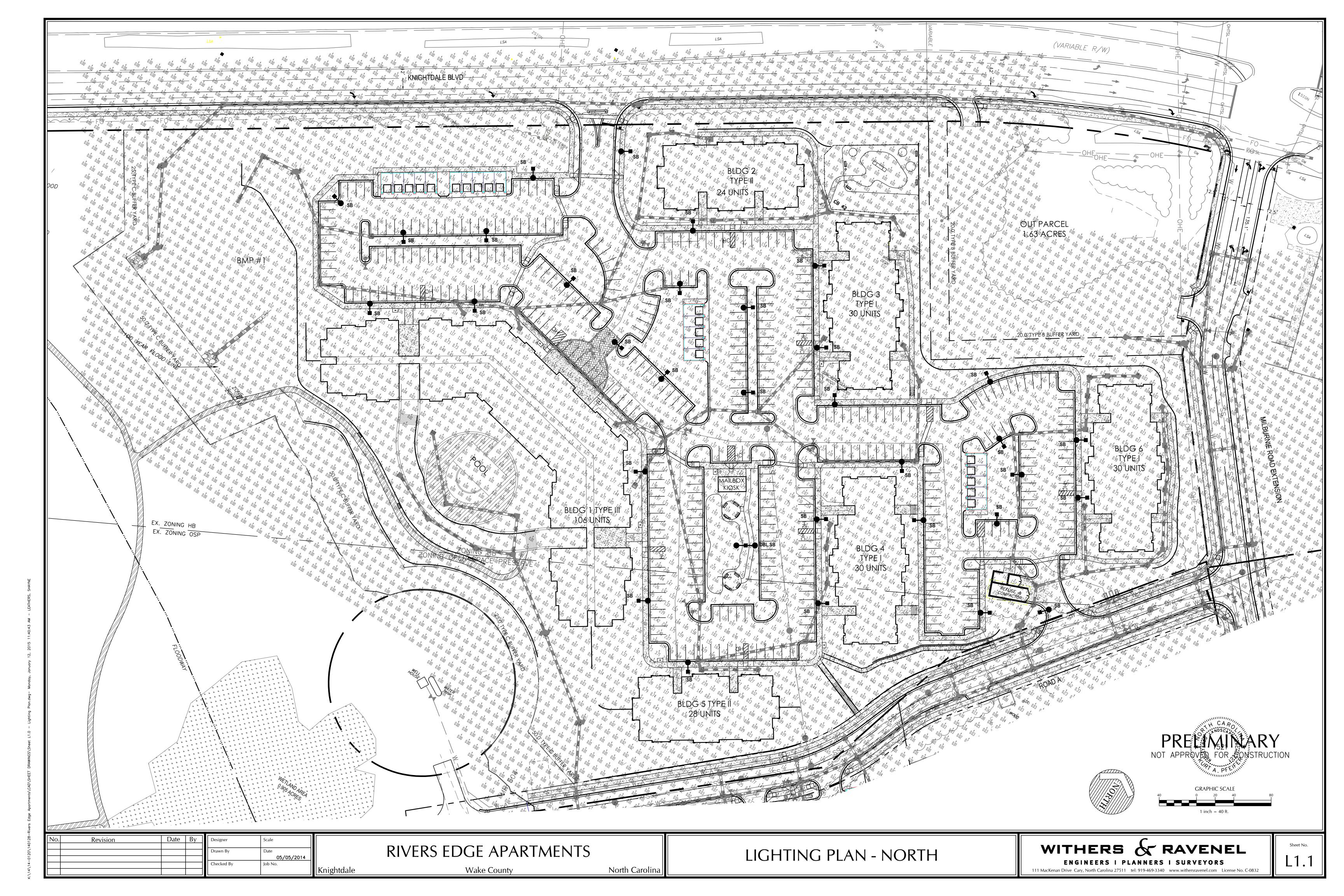
a. Town Certification. This Design has been reviewed by the Engineer for the Town of Knightdale,

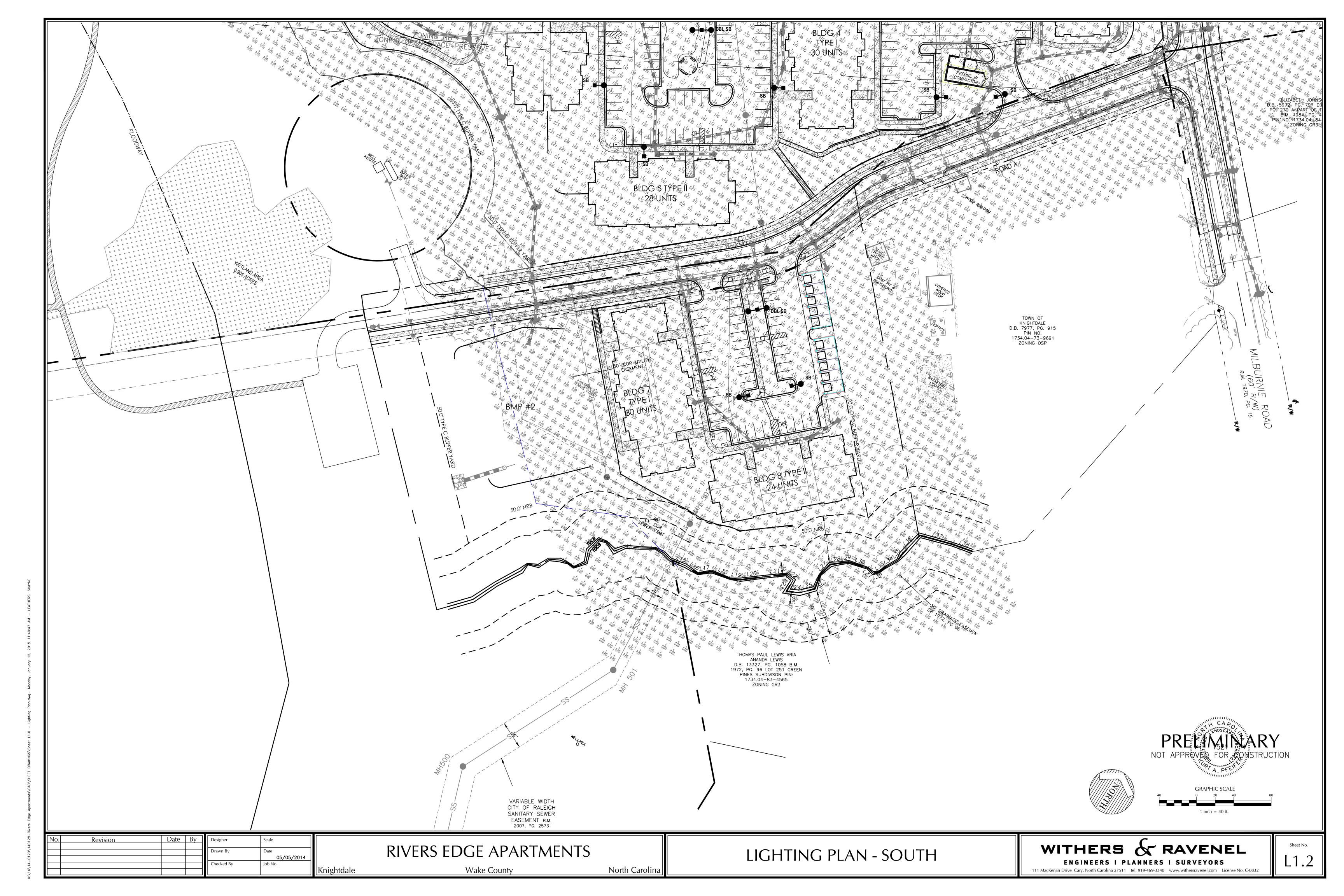
Standard Specifications of the Town of Knightdale.

and to the best of my knowledge and belief, it conforms to the requirements established in the

C6.2







RIVER'S EDGE - KNIGHTDALE

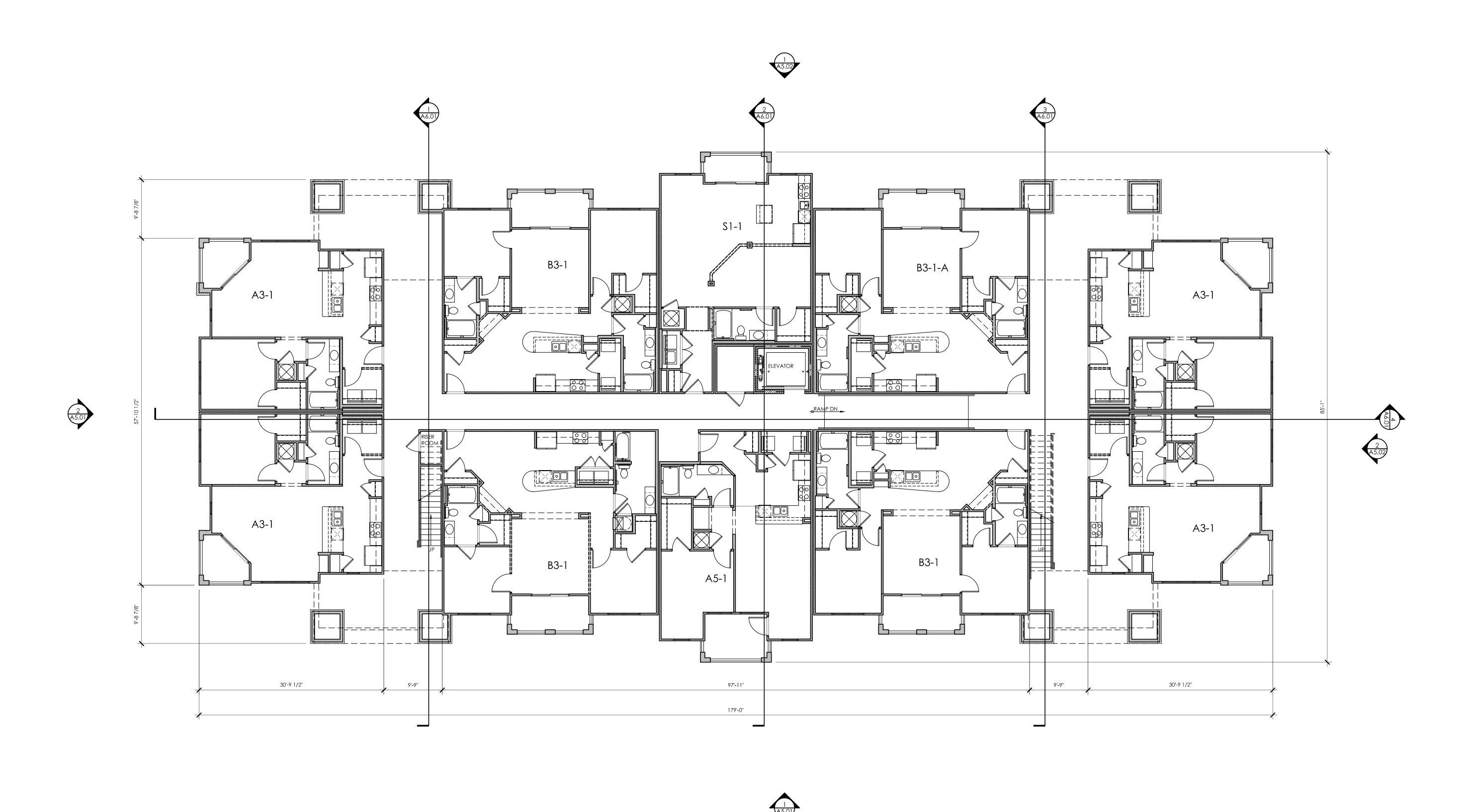
KNIGHTDALE, NORTH CARLINA







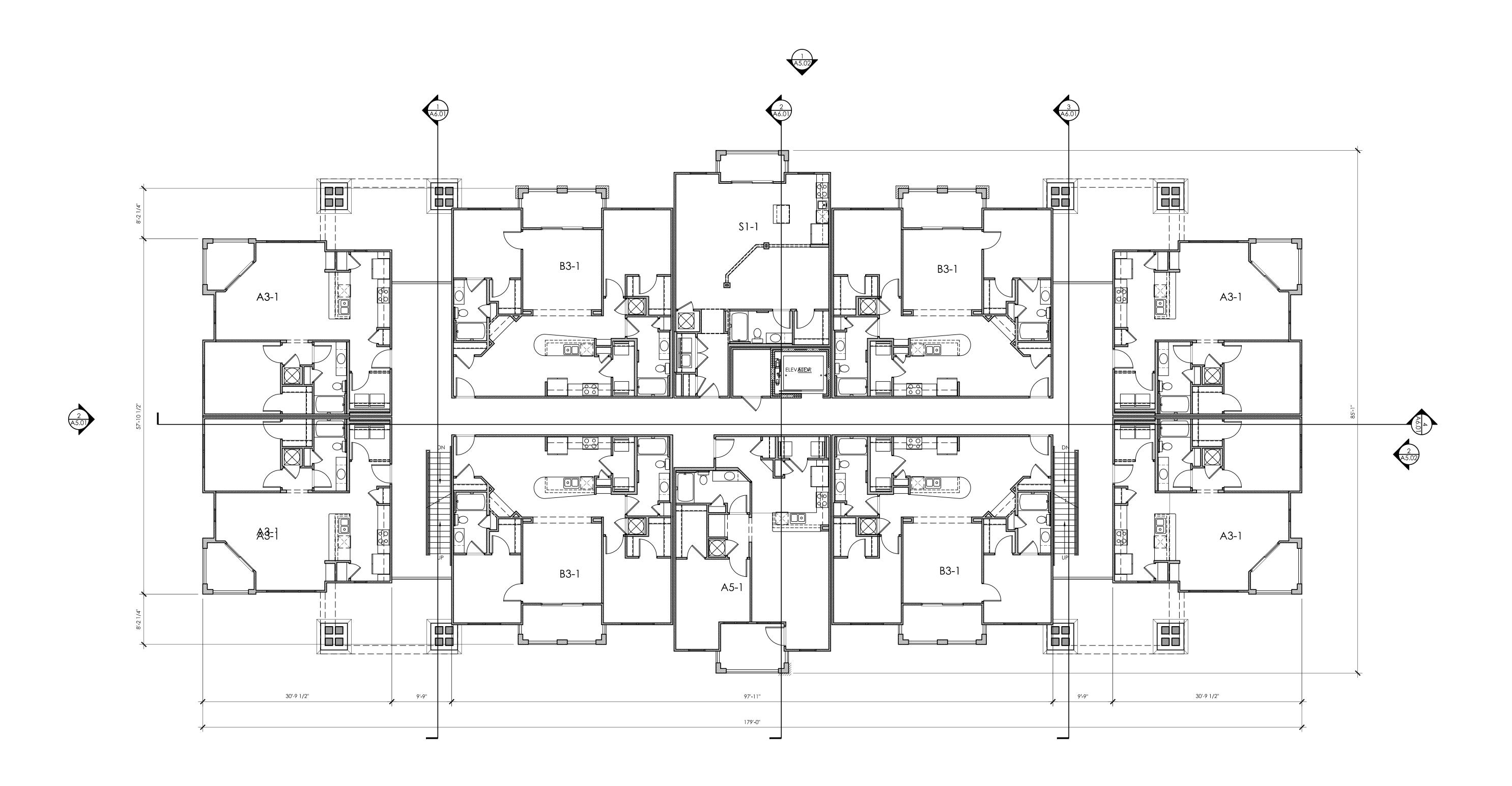
A3.0



BLDG TYPE 1 - FIRST FLOOR PLAN

A3.01 BUILDING TYPE 1 (BUILDINGS 3,4,6&7) - FIRST FLOOR PLAN.DWG

BUILDING TYPE 1 (BUILDINGS 3,4,6&7) - SECOND FLOOR PLAN



\ BLDG TYPE 1 - SECOND FLOOR PLAN

A3.02 BUILDING TYPE 1 (BUILDINGS 3,4,6&7) - SECOND FLOOR PLAN.DWG







NOT FOR CONSTRUCTION

Project No: 1303

Issue Date: DEC 12, 2014

Issued For: CITY OF

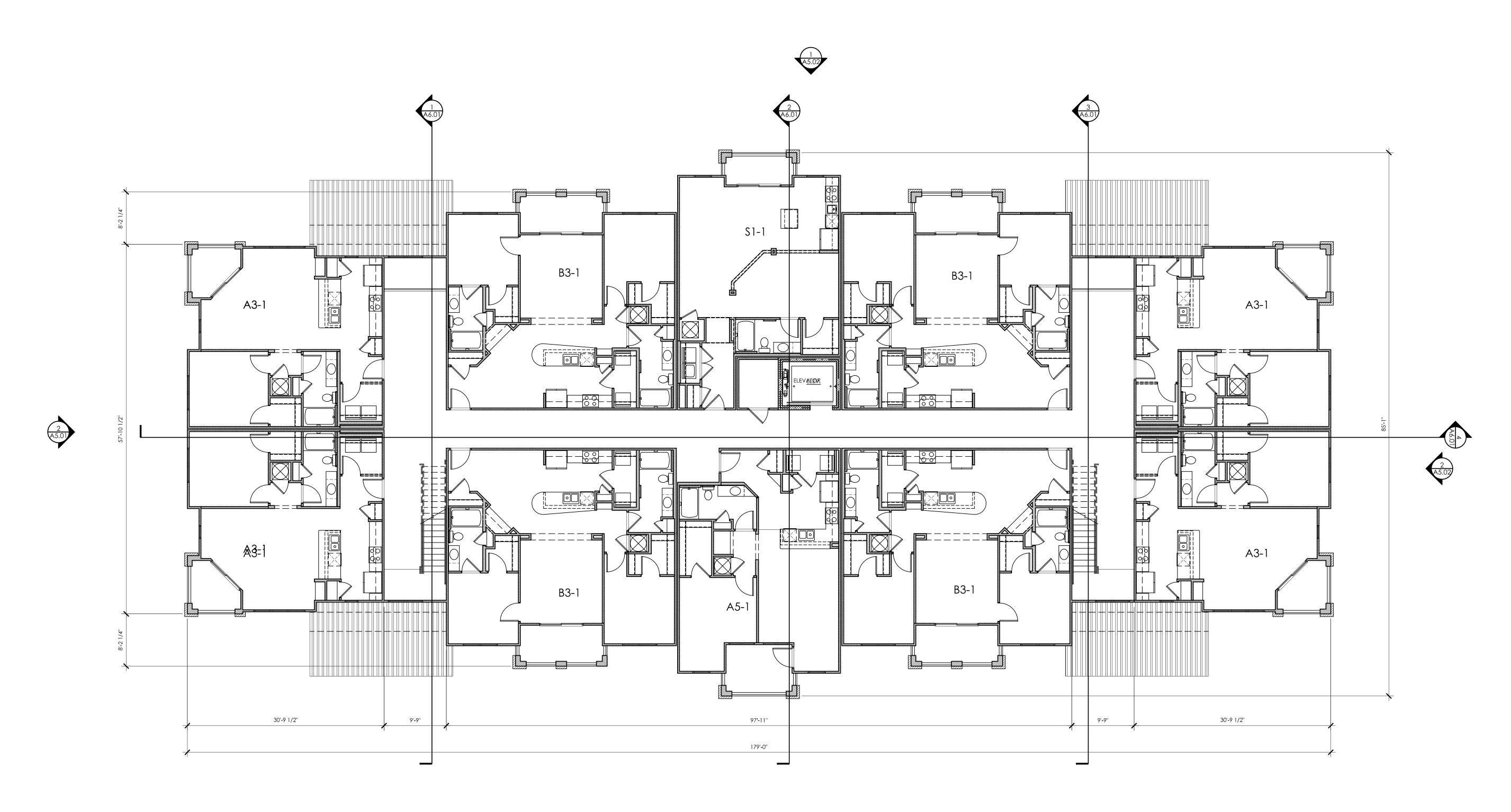
KNIGHTDALE

SUBMITTAL

Key Plan

BUILDING TYPE 1 (BUILDINGS 3,4,6&7) - THIRD FLOOR PLAN

A3.03



BLDG TYPE 1 - THIRD FLOOR PLAN







NOT FOR CONSTRUCTION

Project No: 1303

Issue Date: DEC 12, 2014

Issued For: CITY OF

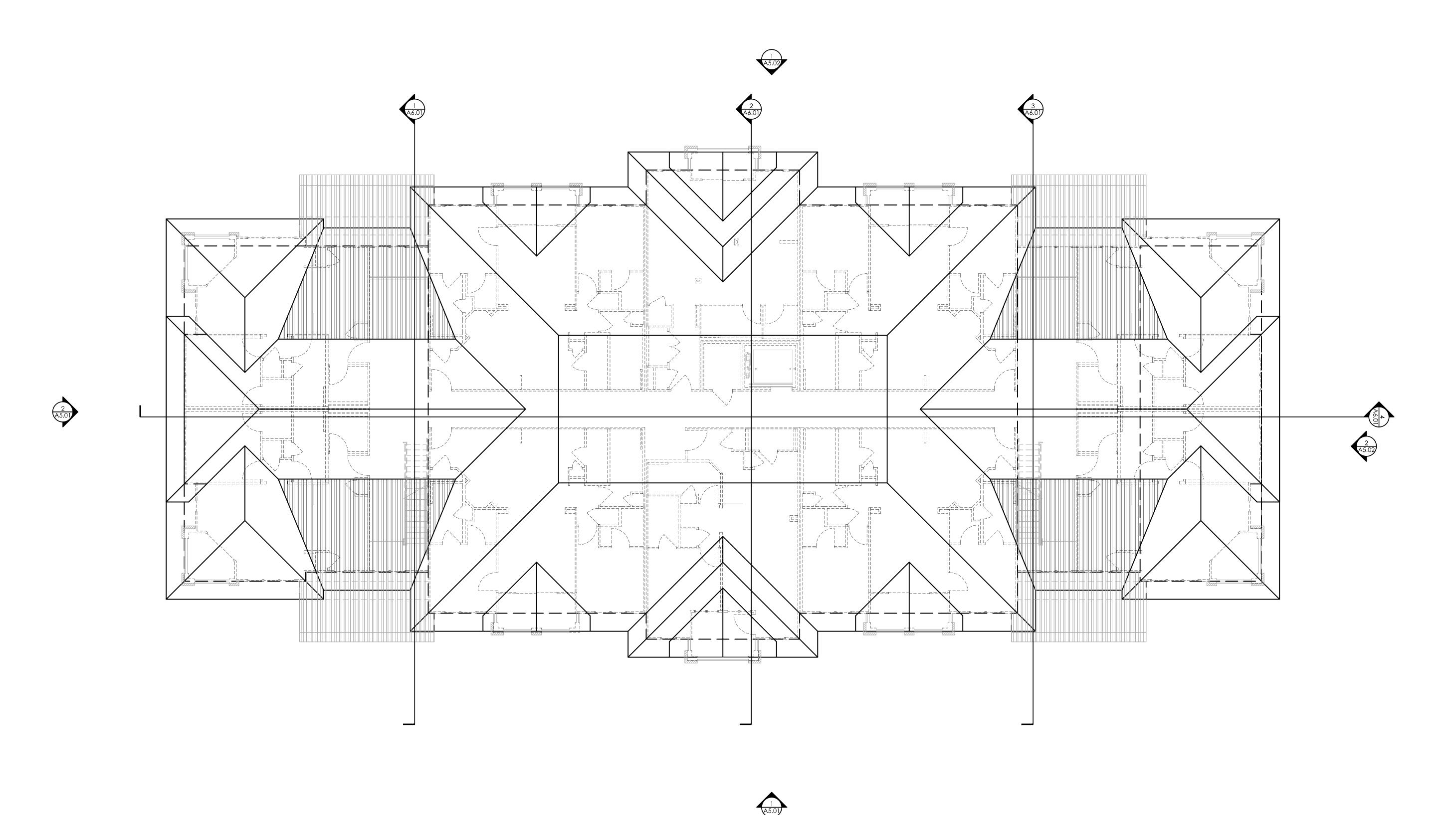
KNIGHTDALE

SUBMITTAL

Key Plan

BUILDING TYPE 1 (BUILDINGS 3,4,6&7) - ROOF PLAN

A3.04

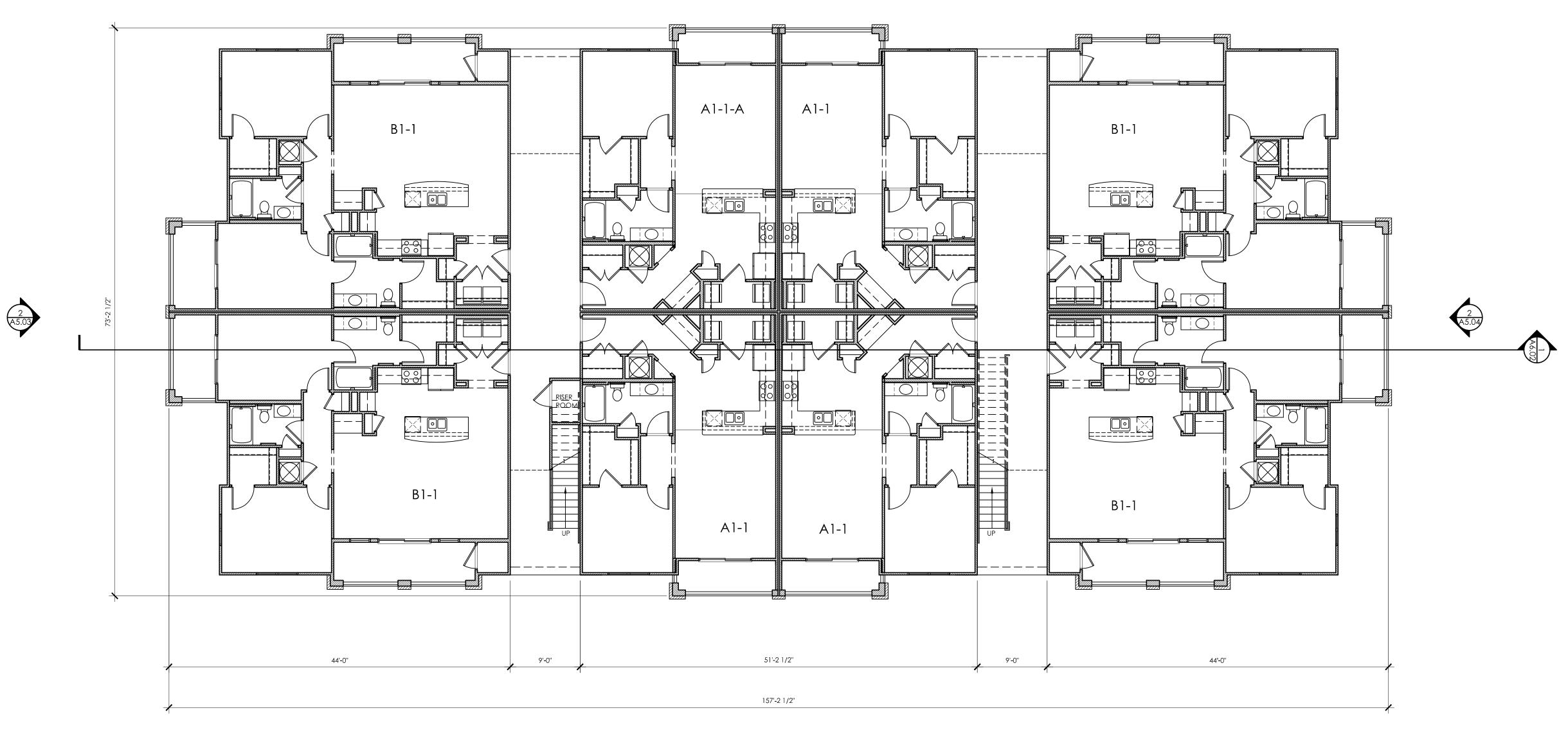


BLDG TYPE 1 - ROOF PLAN

A3.04 BUILDING TYPE 1 (BUILDINGS 3,4,6&7) - ROOF PLAN.DWG









BLDG TYPE 2 - FIRST FLOOR PLAN

A3.05 BUILDING TYPE 2 (BUILDINGS 2&8) - FIRST FLOOR PLAN.DWG

RIVER'S EDGE -KNIGHTDALE



NOT FOR Construction

Project No: 1303

Issue Date: DEC 12, 2014

Issued For: CITY OF

KNIGHTDALE

SUBMITTAL

Key Plan

BUILDING TYPE 2 (BUILDINGS 2&8) -FIRST FLOOR PLAN

A3.05







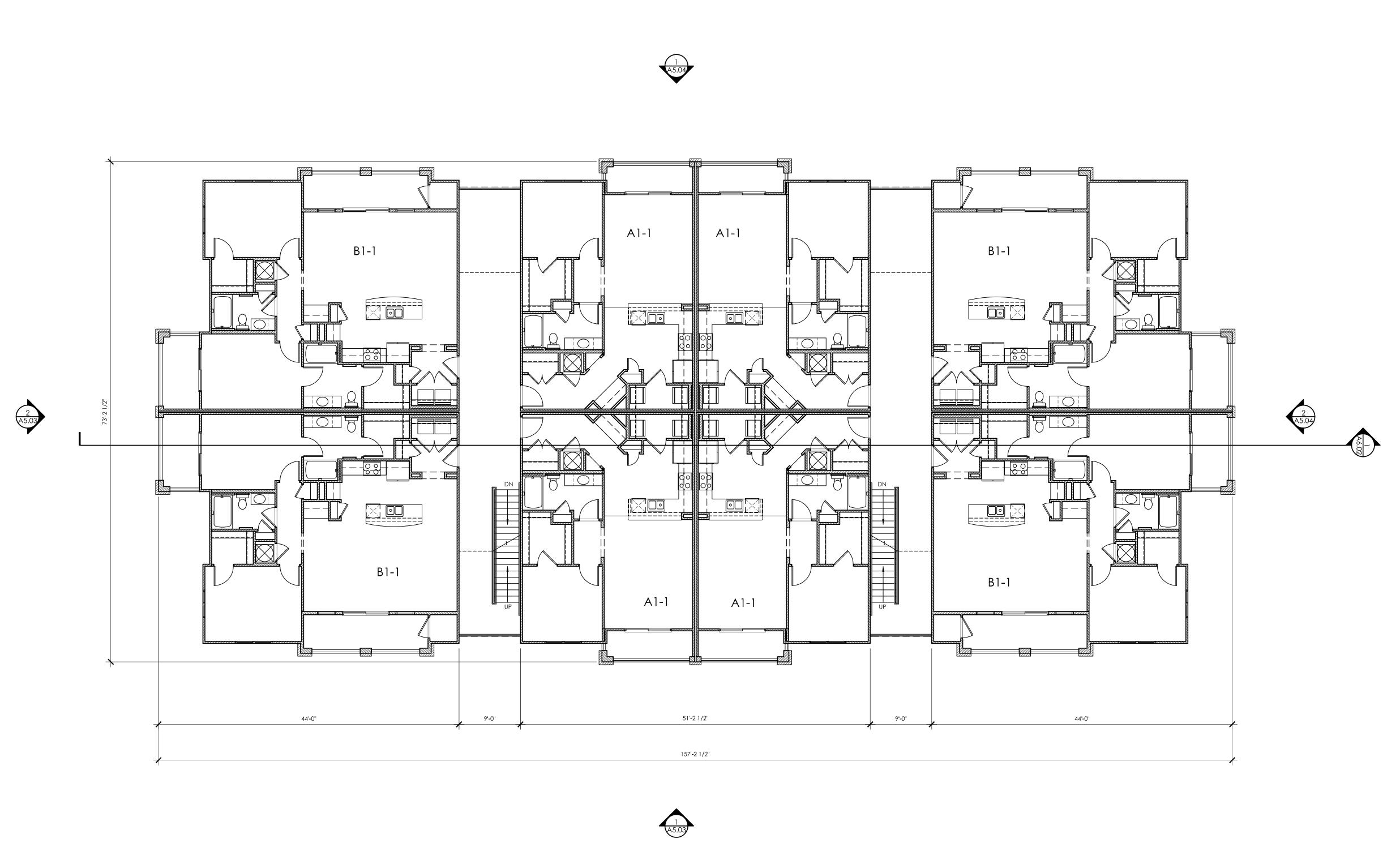
NOT FOR CONSTRUCTION

Project No: 1303
Issue Date: DEC 12, 2014
Issued For: CITY OF
KNIGHTDALE
SUBMITTAL

Key Plan

BUILDING TYPE 2 (BUILDINGS 2&8) -SECOND FLOOR PLAN

A3.06

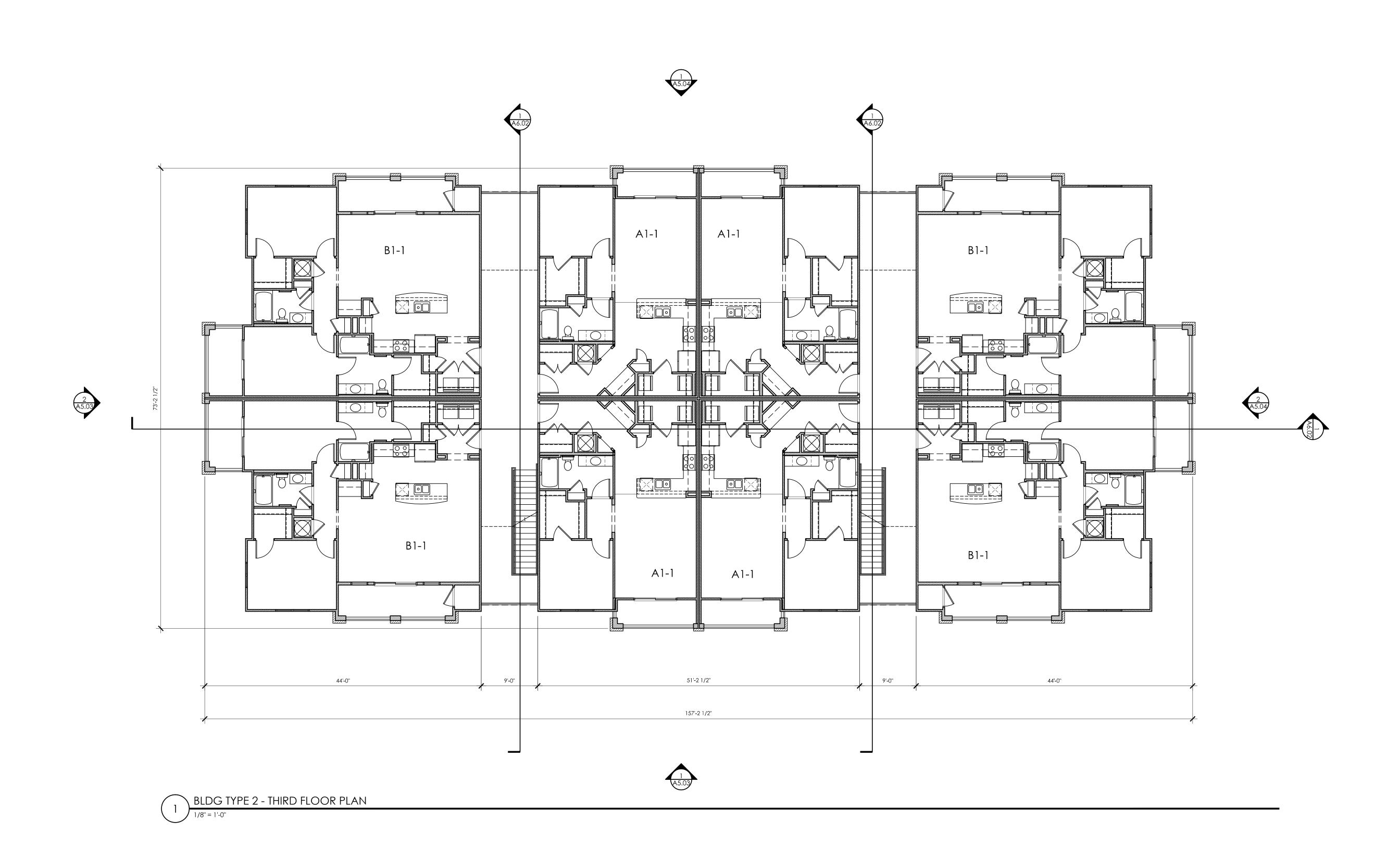


BLDG TYPE 2 - SECOND FLOOR PLAN

1/8" = 1'-0"

A3.06 BUILDING TYPE 2 (BUILDINGS 2&8) - SECOND FLOOR PLAN.DWG

A3.07









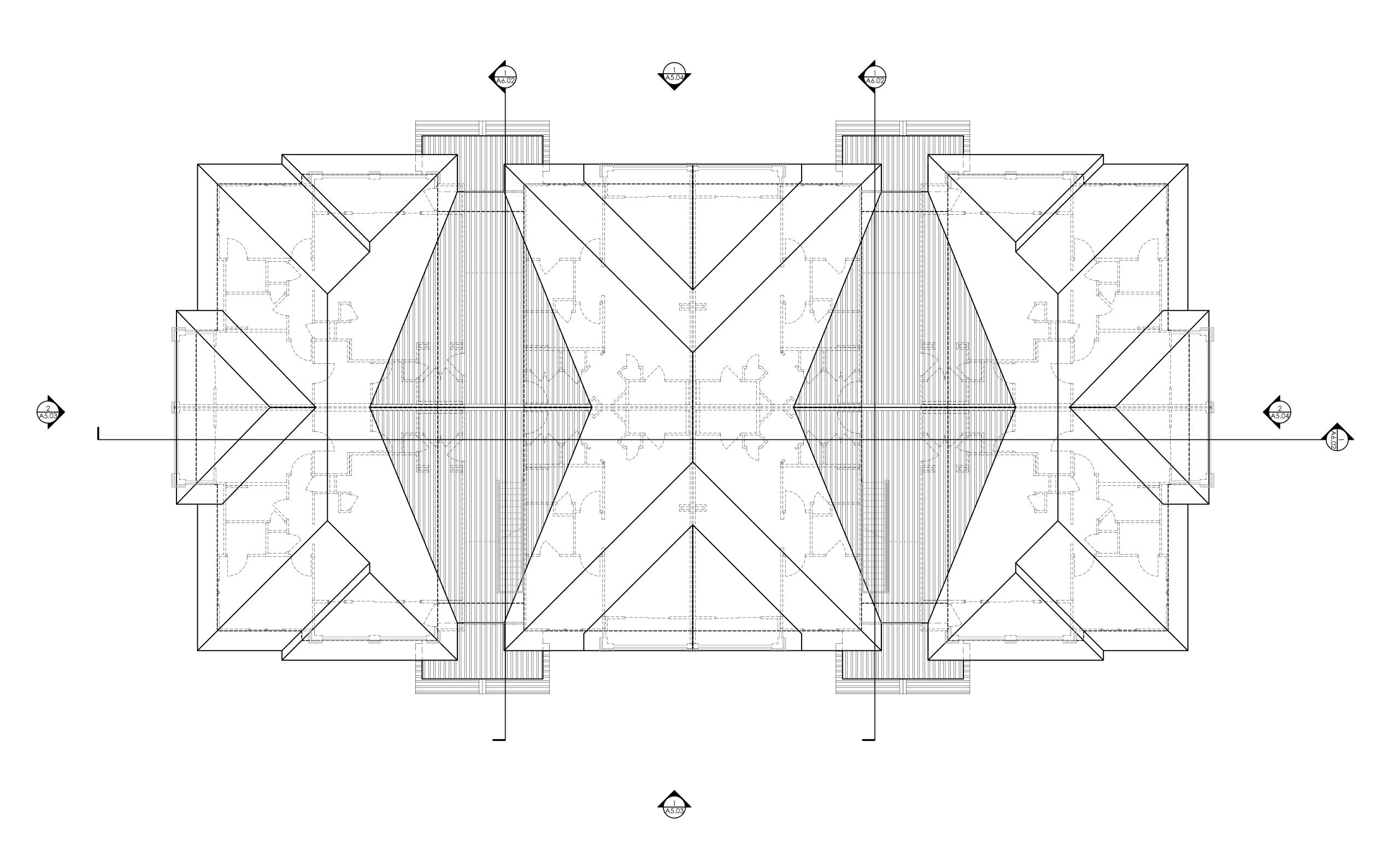
NOT FOR Construction

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KNIGHTDALE
SUBMITTAL

Key Plan

BUILDING TYPE 2 (BUILDINGS 2&8) -ROOF PLAN

A3.08



BUILDING TYPE 2 - ROOF PLAN

1/8" = 1'-0"







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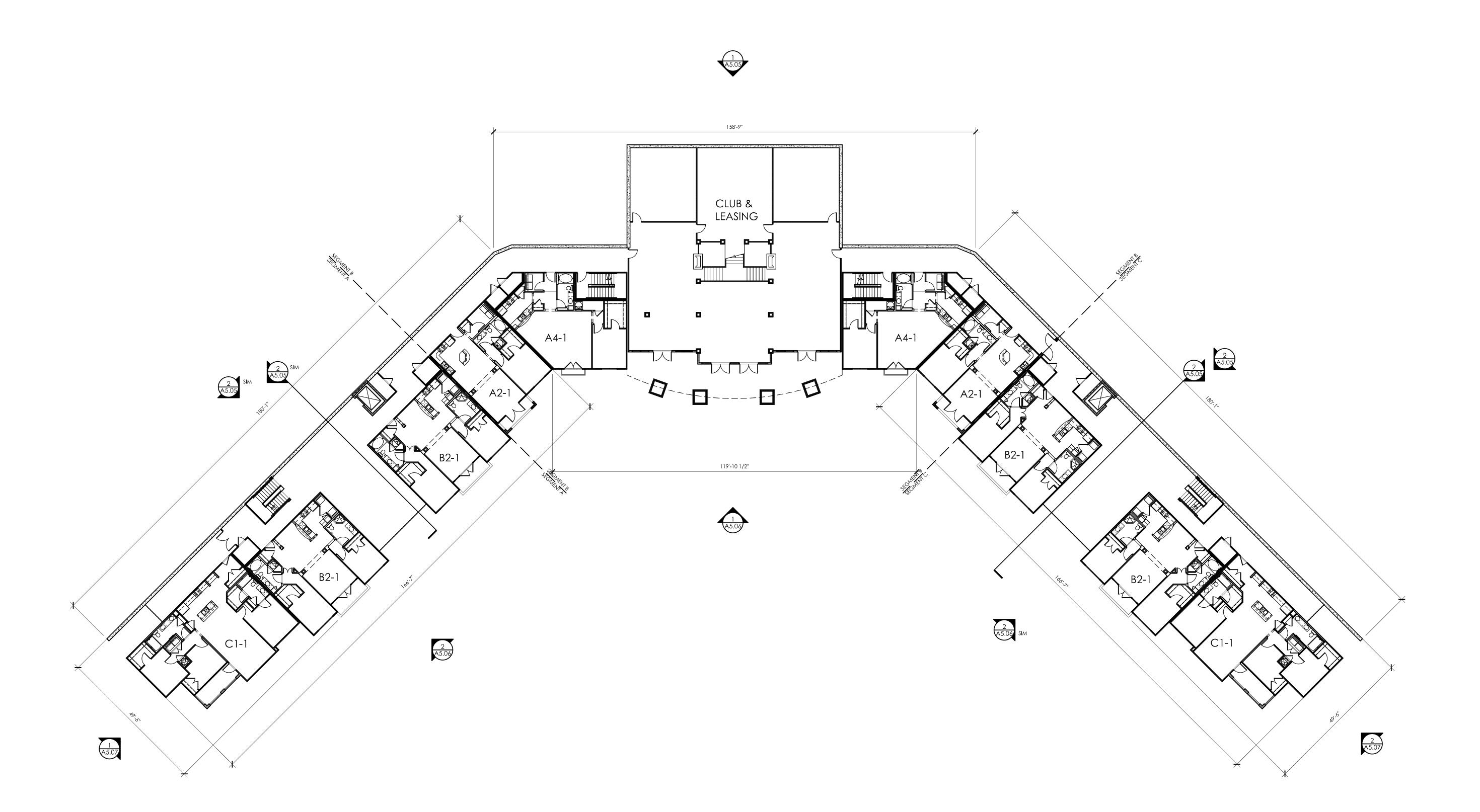
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Key Plan

BUILDING TYPE 3 (BUILDING 1) -BASEMENT FLOOR PLAN

A3.09



BLDG TYPE 3 - BASEMENT FLOOR

A3.09 BUILDING TYPE 3 (BUILDING 1) - BASEMENT FLOOR PLAN.DWG





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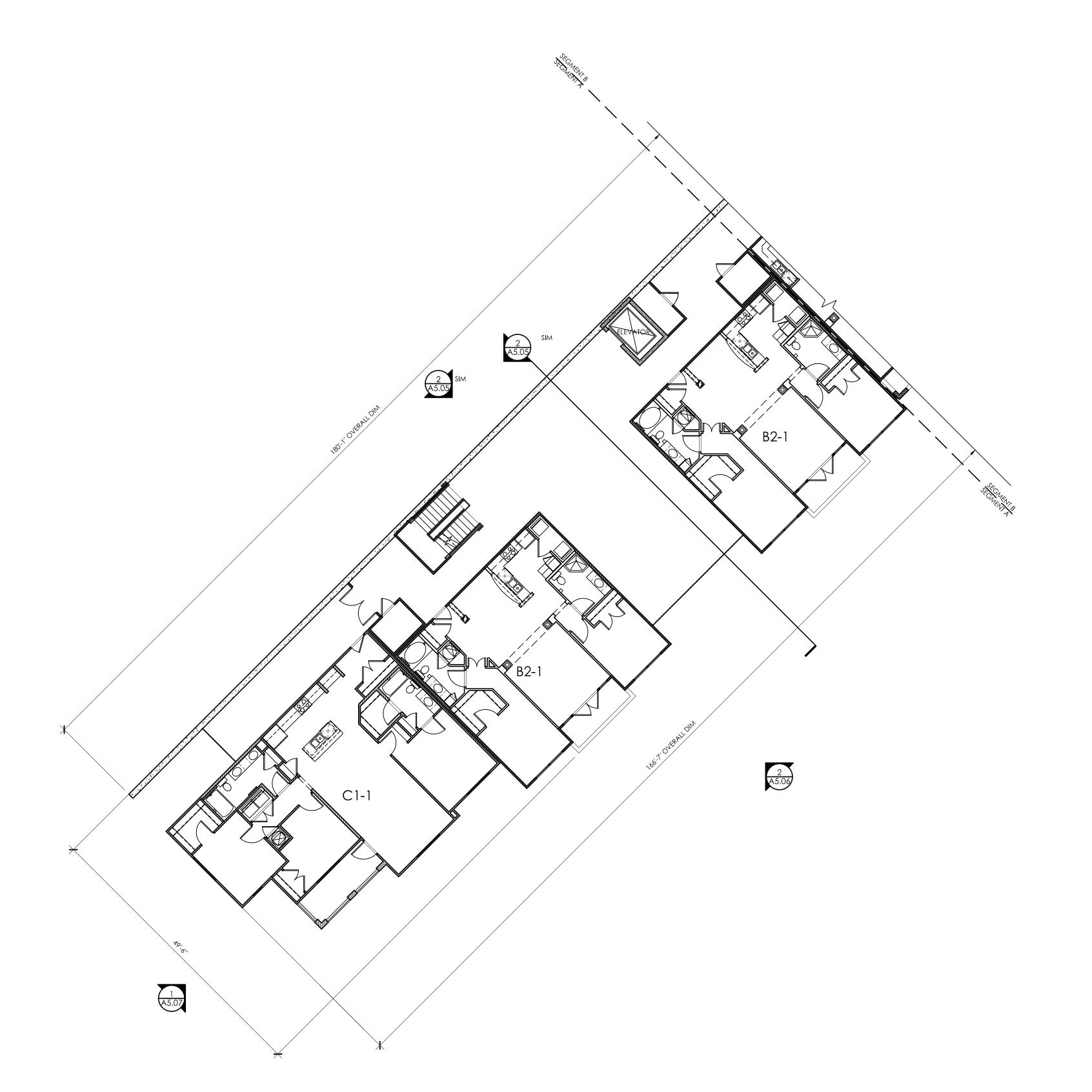
KNIGHTDALE

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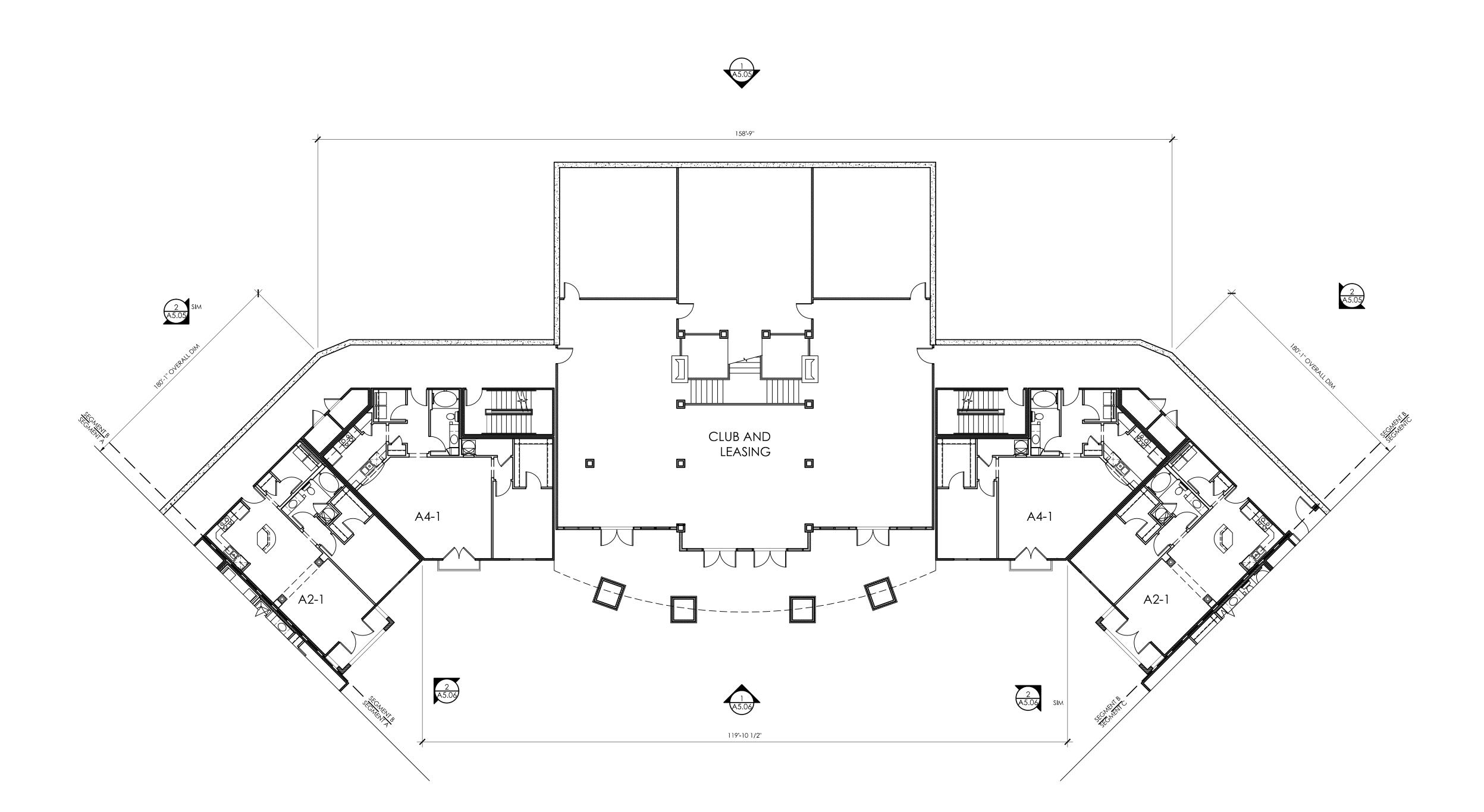
Key Plan

BUILDING TYPE 3 (BUILDING 1) -BASEMENT FLOOR PLAN SEGMENT A

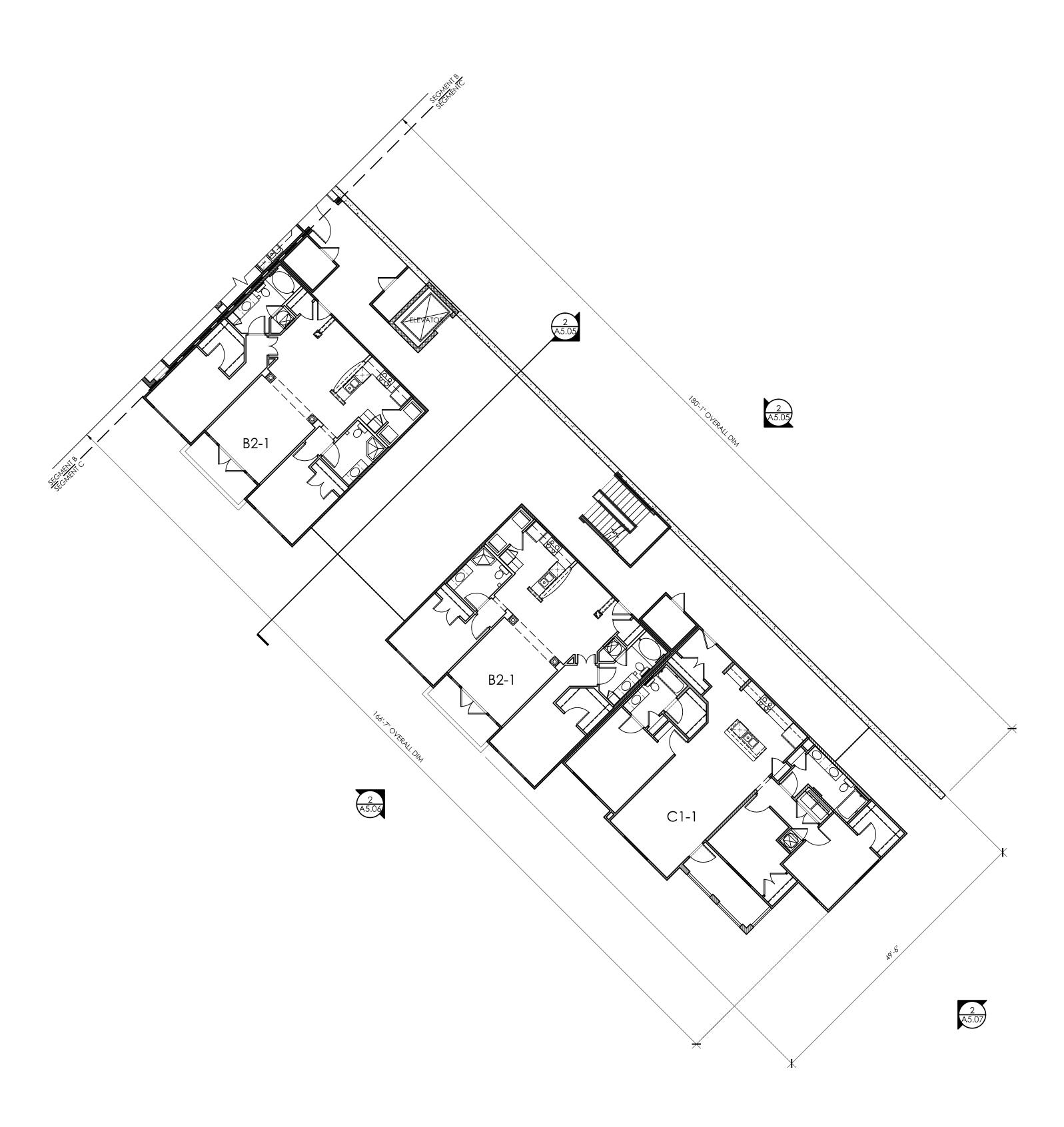
A3.09A



A3.09B

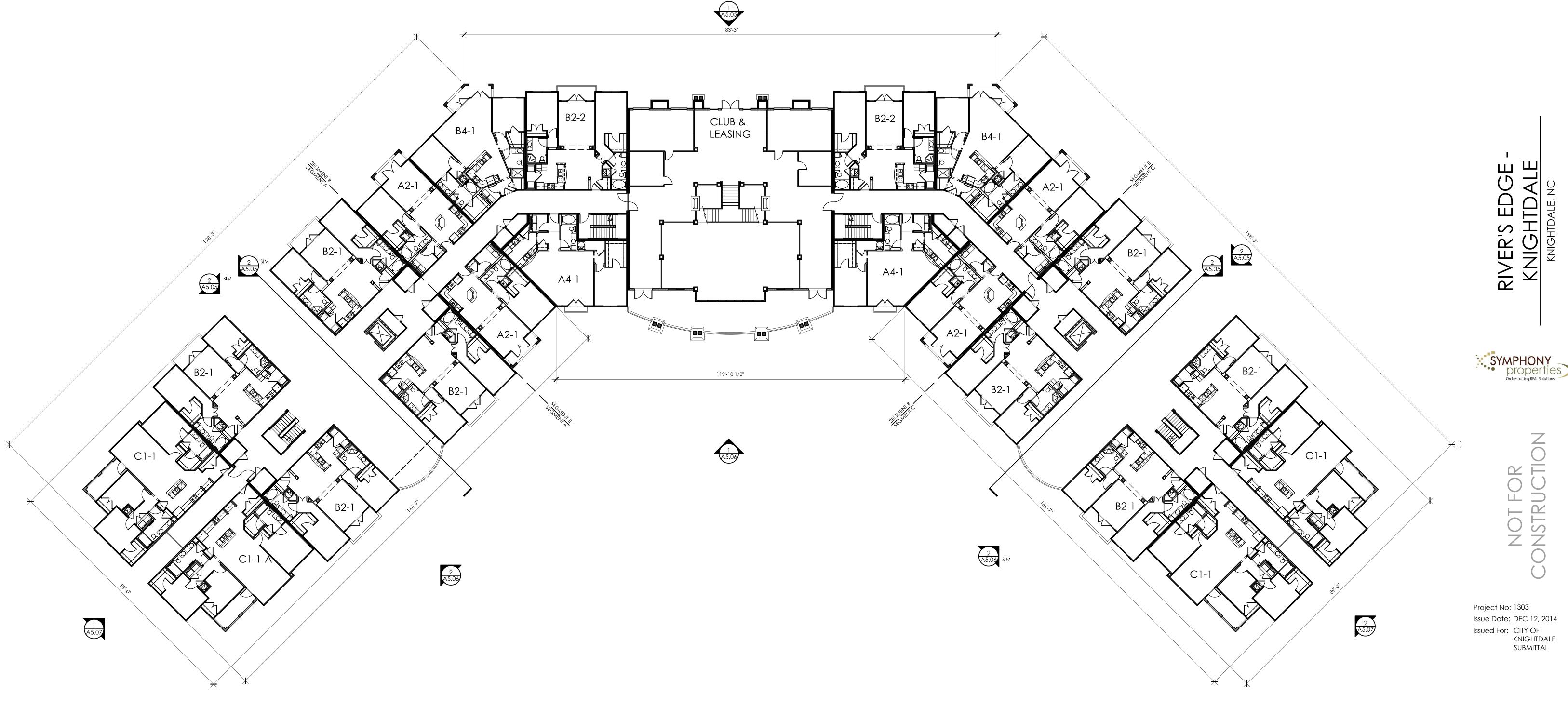


A3.09C



A3.09C BUILDING TYPE 3 (BUILDING 1) - BASEMENT FLOOR PLAN SEGMENT C.DWG







Key Plan

BUILDING TYPE 3 (BUILDING 1) - FIRST FLOOR PLAN

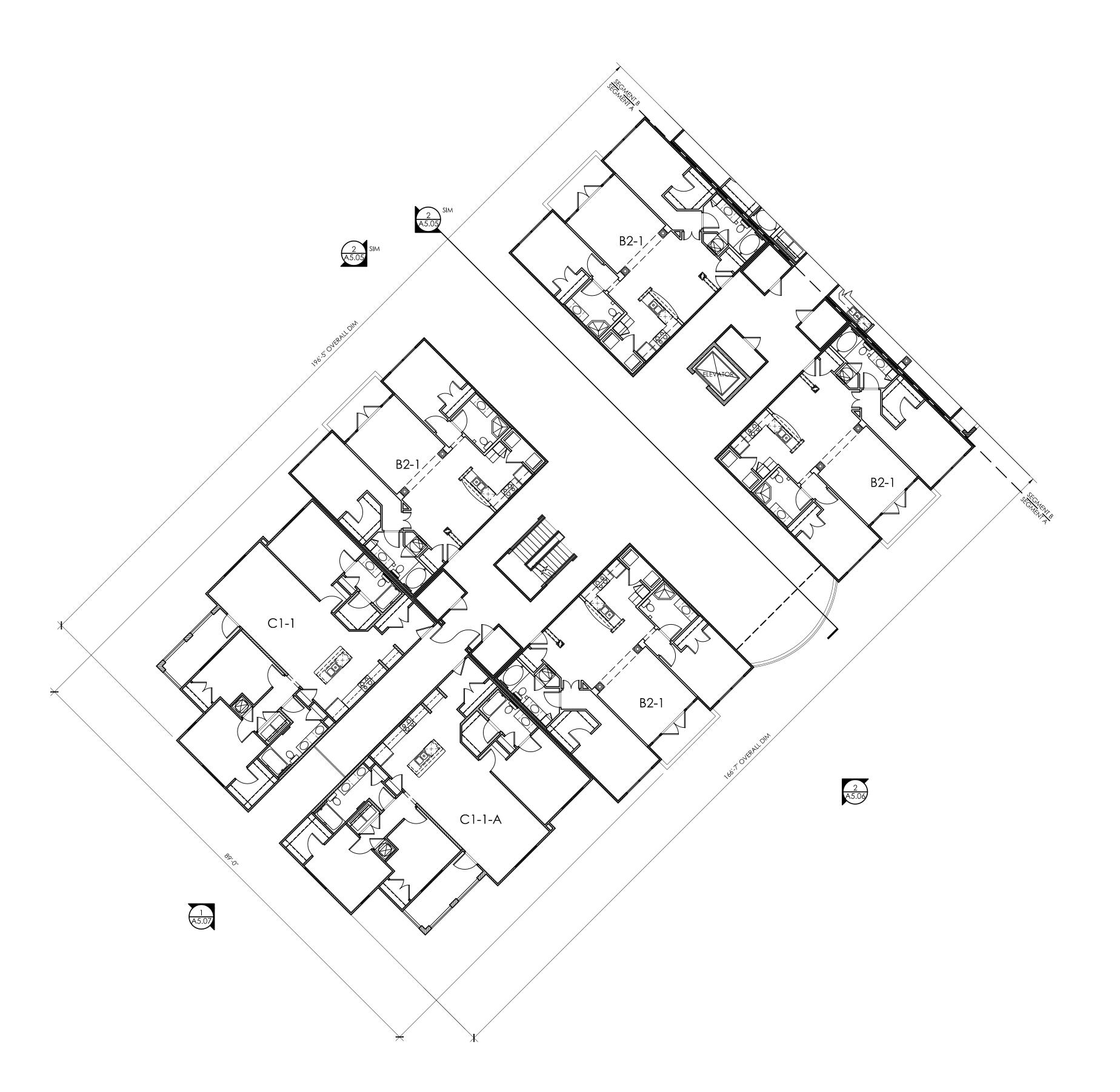


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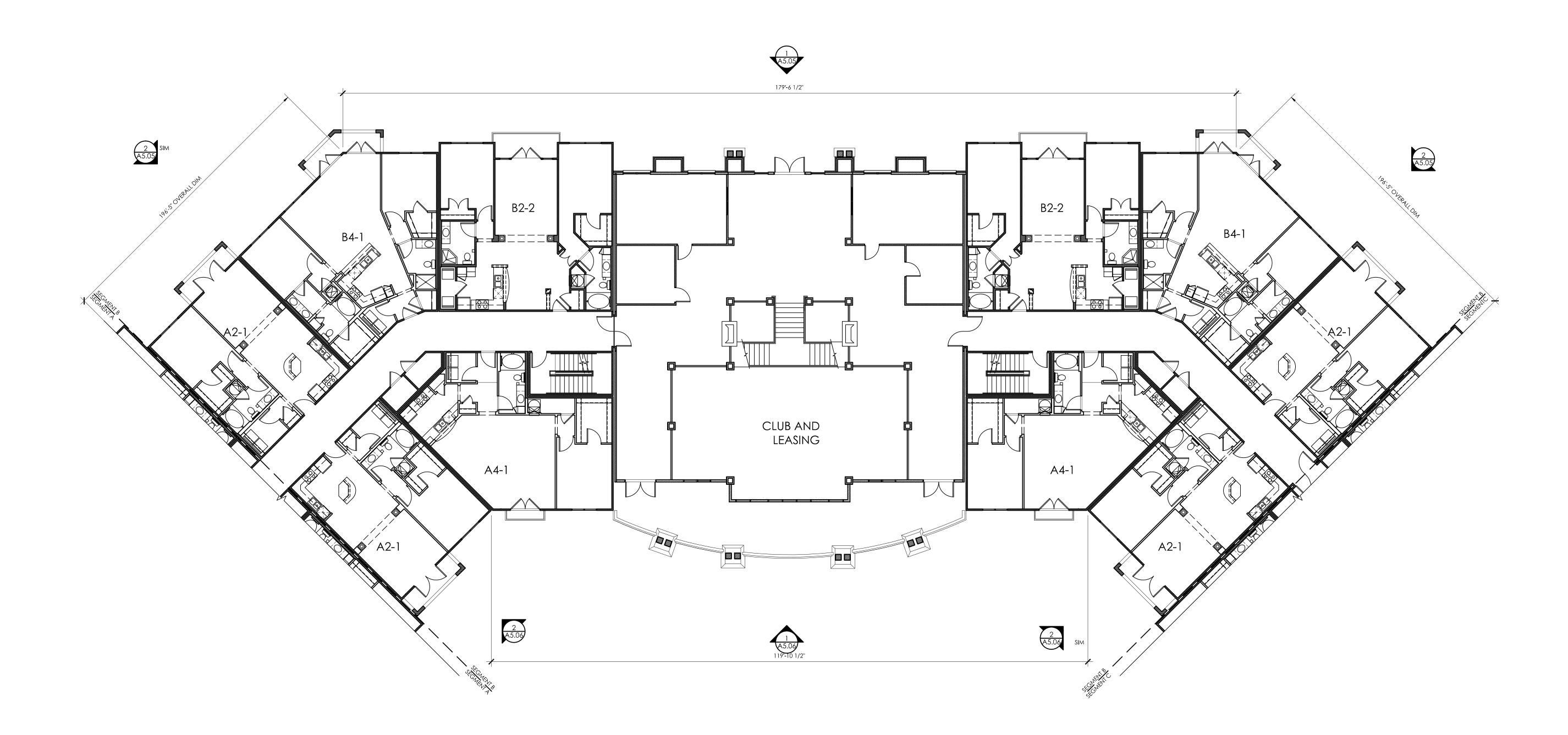
Key Plan

BUILDING TYPE 3 (BUILDING 1) - FIRST FLOOR PLAN SEGMENT A

A3.10A



A3.10B



A3.10C BUILDING TYPE 3 (BUILDING 1) - FIRST FLOOR PLAN SEGMENT C.DWG



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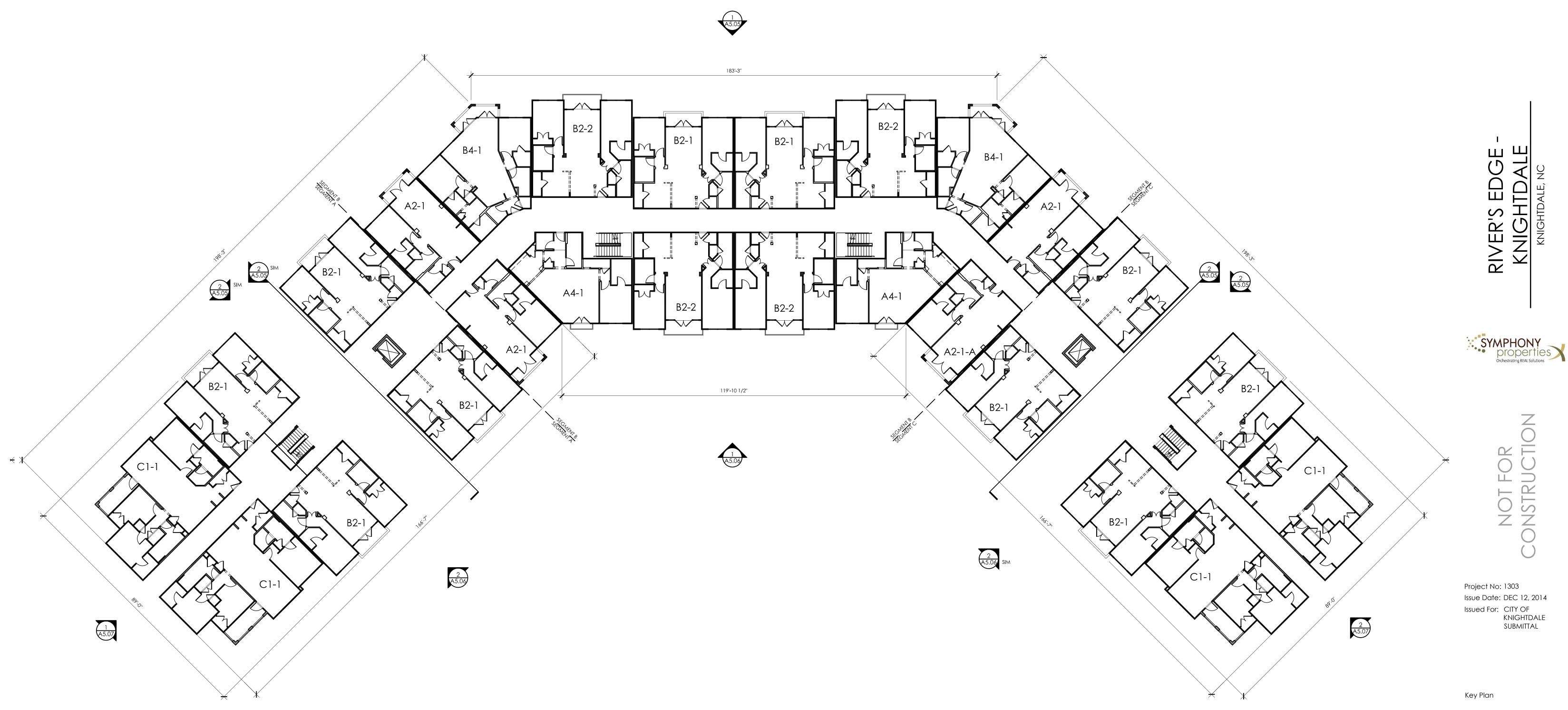
SUBMITTAL

Key Plan

BUILDING TYPE 3 (BUILDING 1) - FIRST FLOOR PLAN SEGMENT C

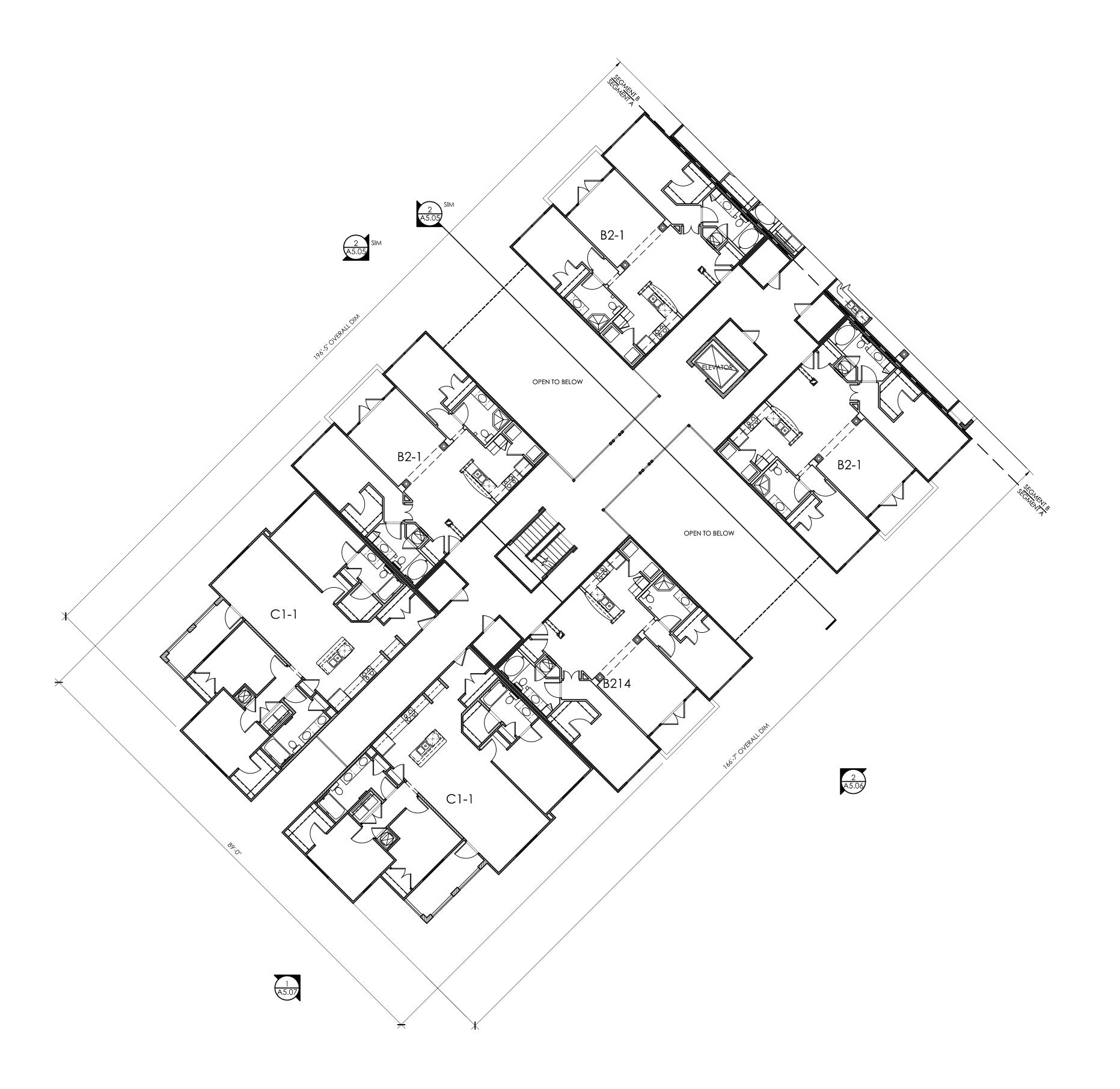
A3.10C



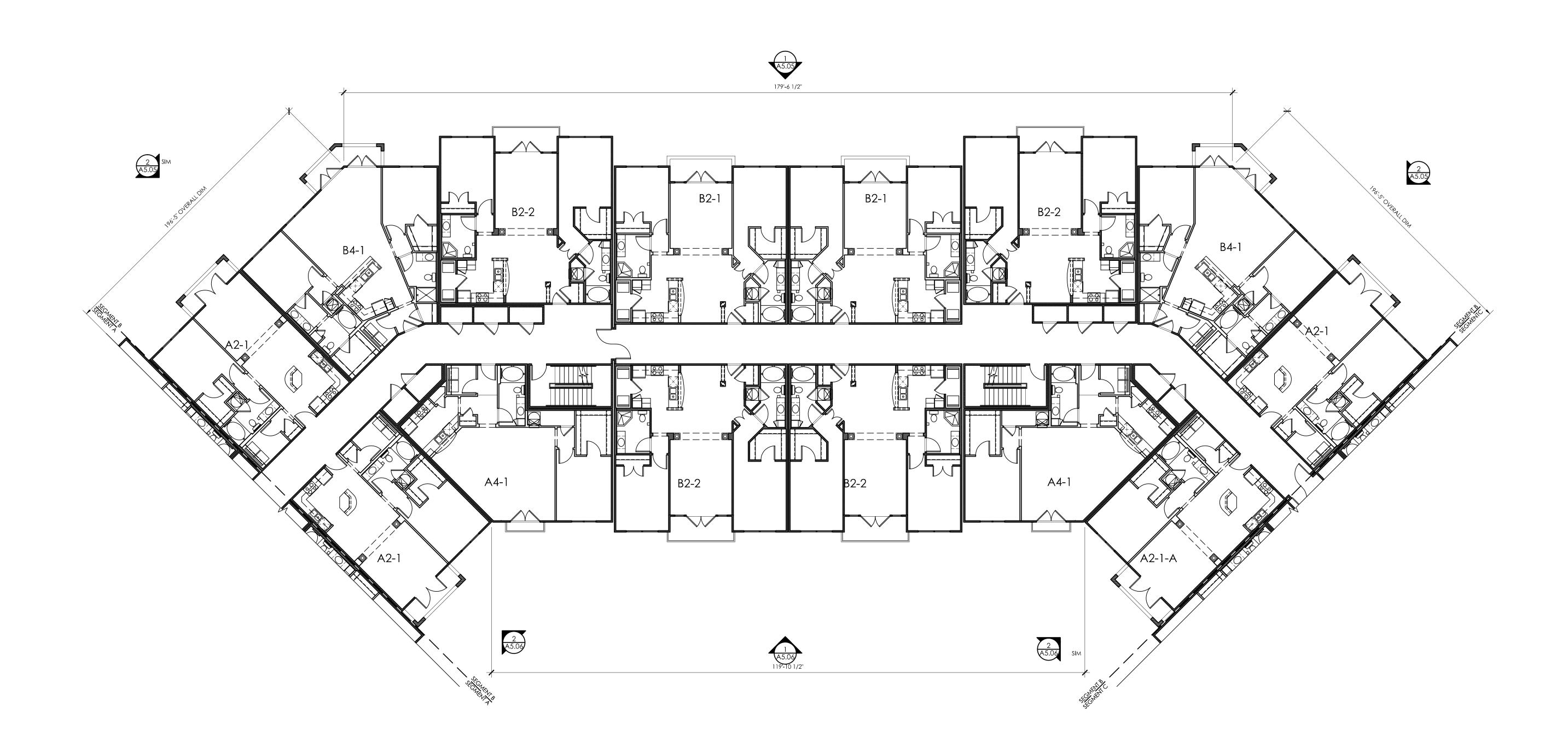


BUILDING TYPE 3 (BUILDING 1) -SECOND FLOOR PLAN

A3.11A

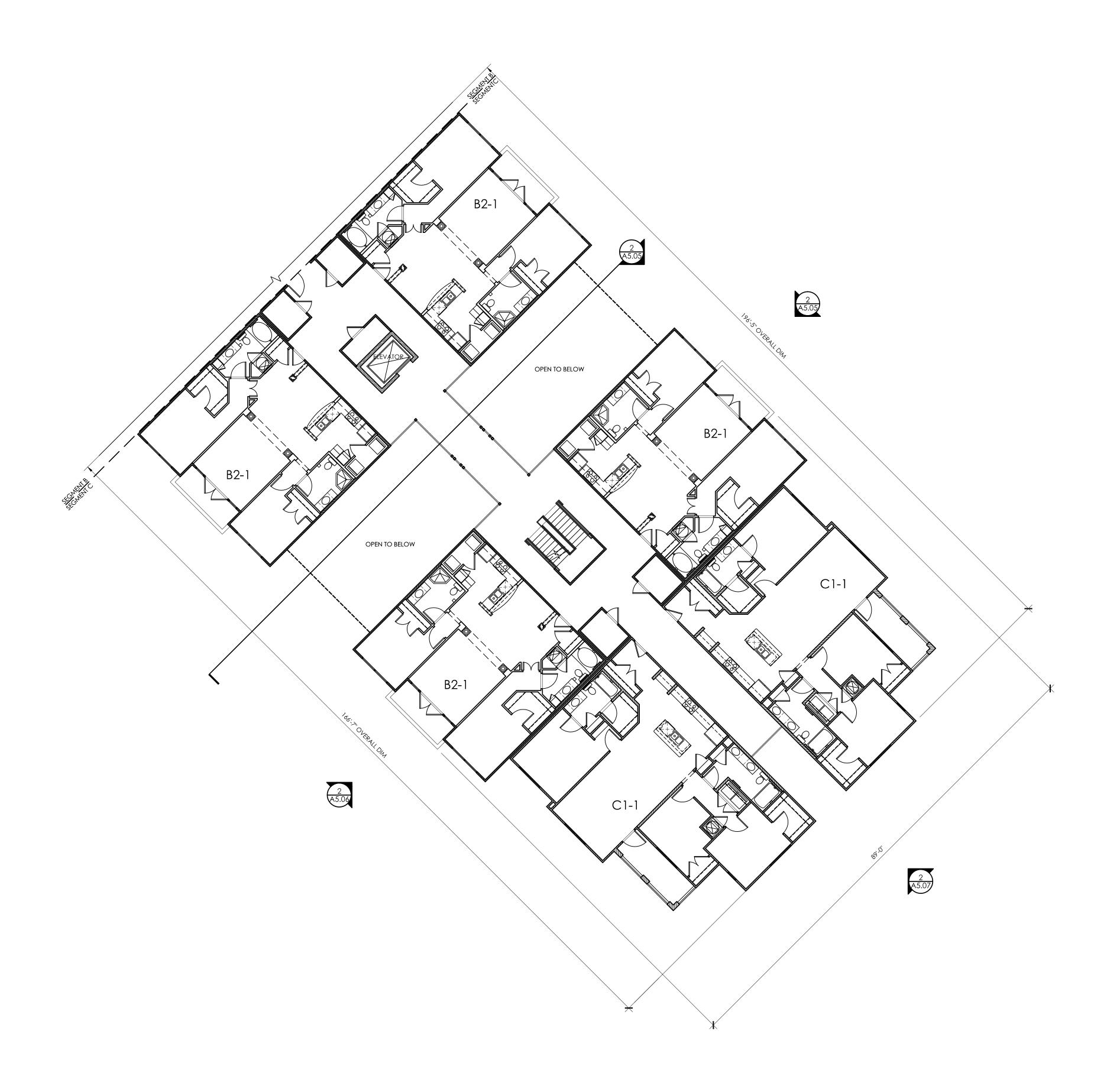


A3.11E



Key Plan

A3.11C







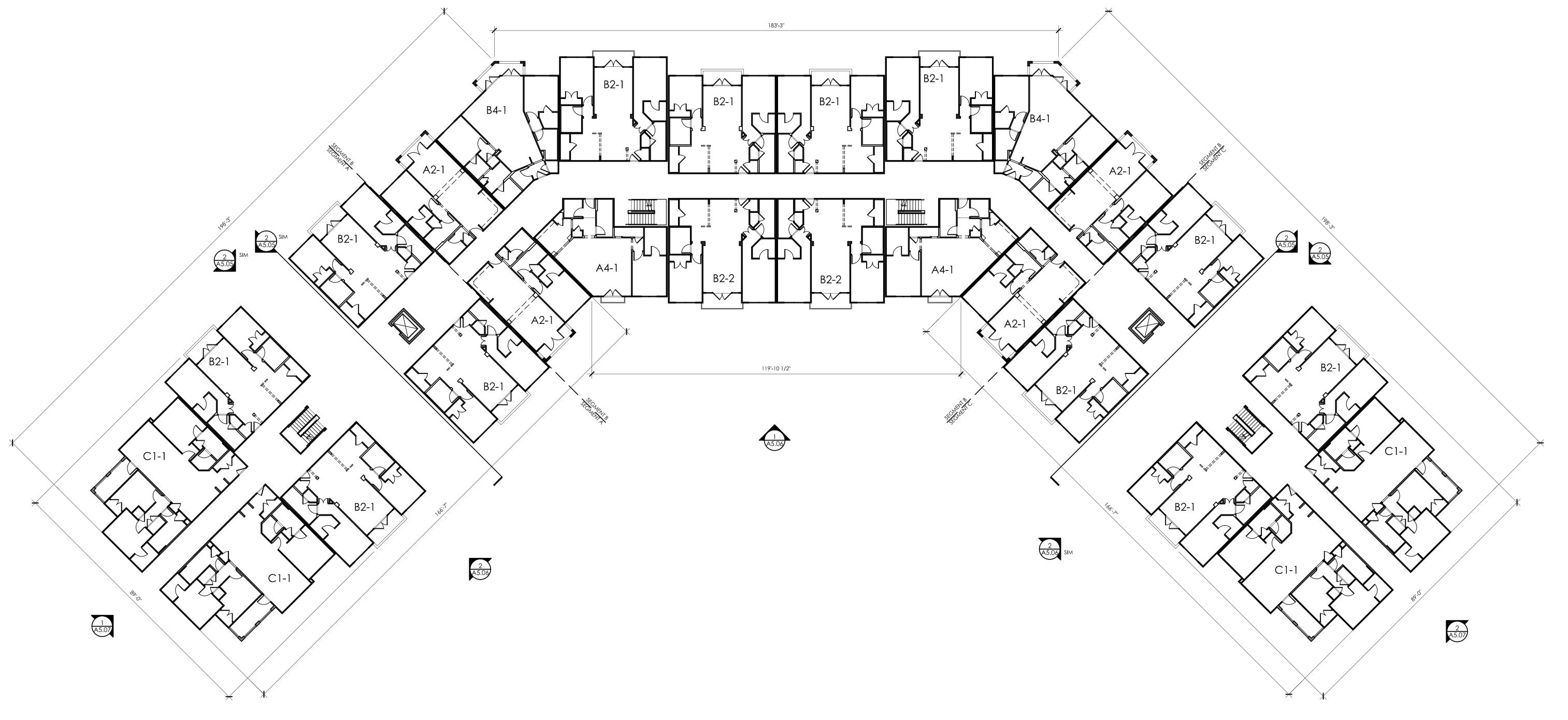


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Key Plan

BUILDING TYPE 3 (BUILDING 1) -THIRD FLOOR PLAN





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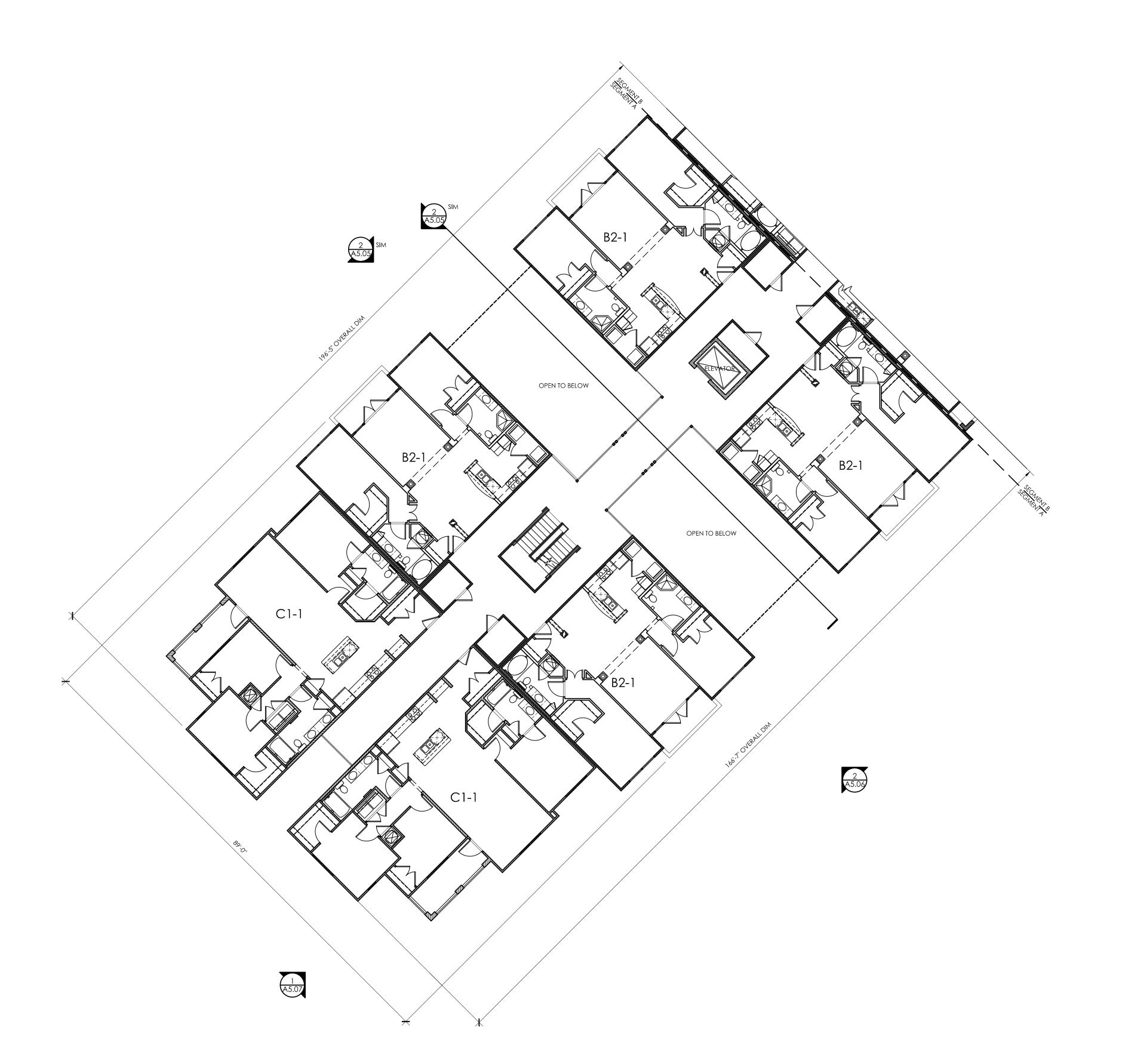
KNIGHTDALE

SUBMITTAL

Key Plan

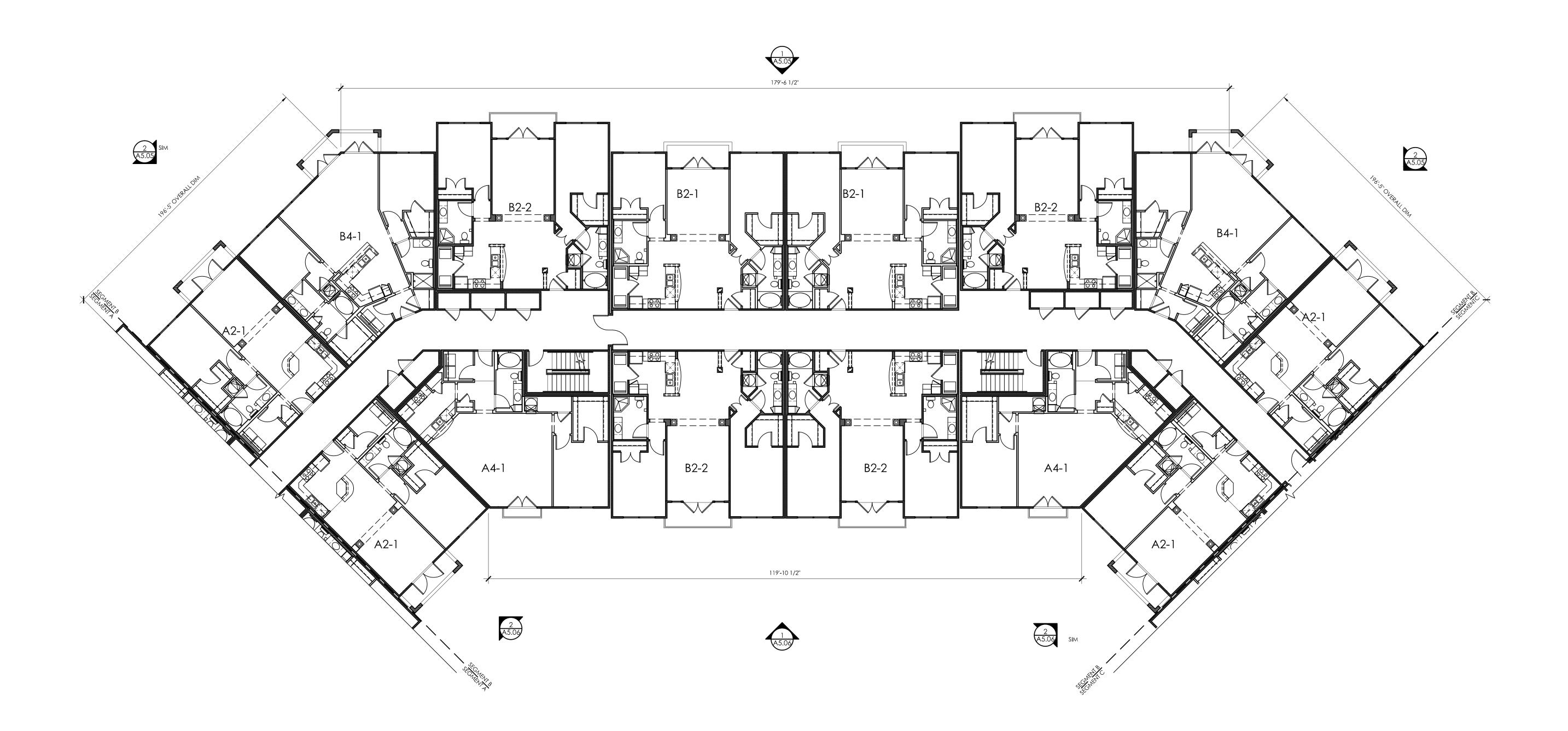
BUILDING TYPE 3 (BUILDING 1) -THIRD FLOOR PLAN SEGMENT A

A3.12A

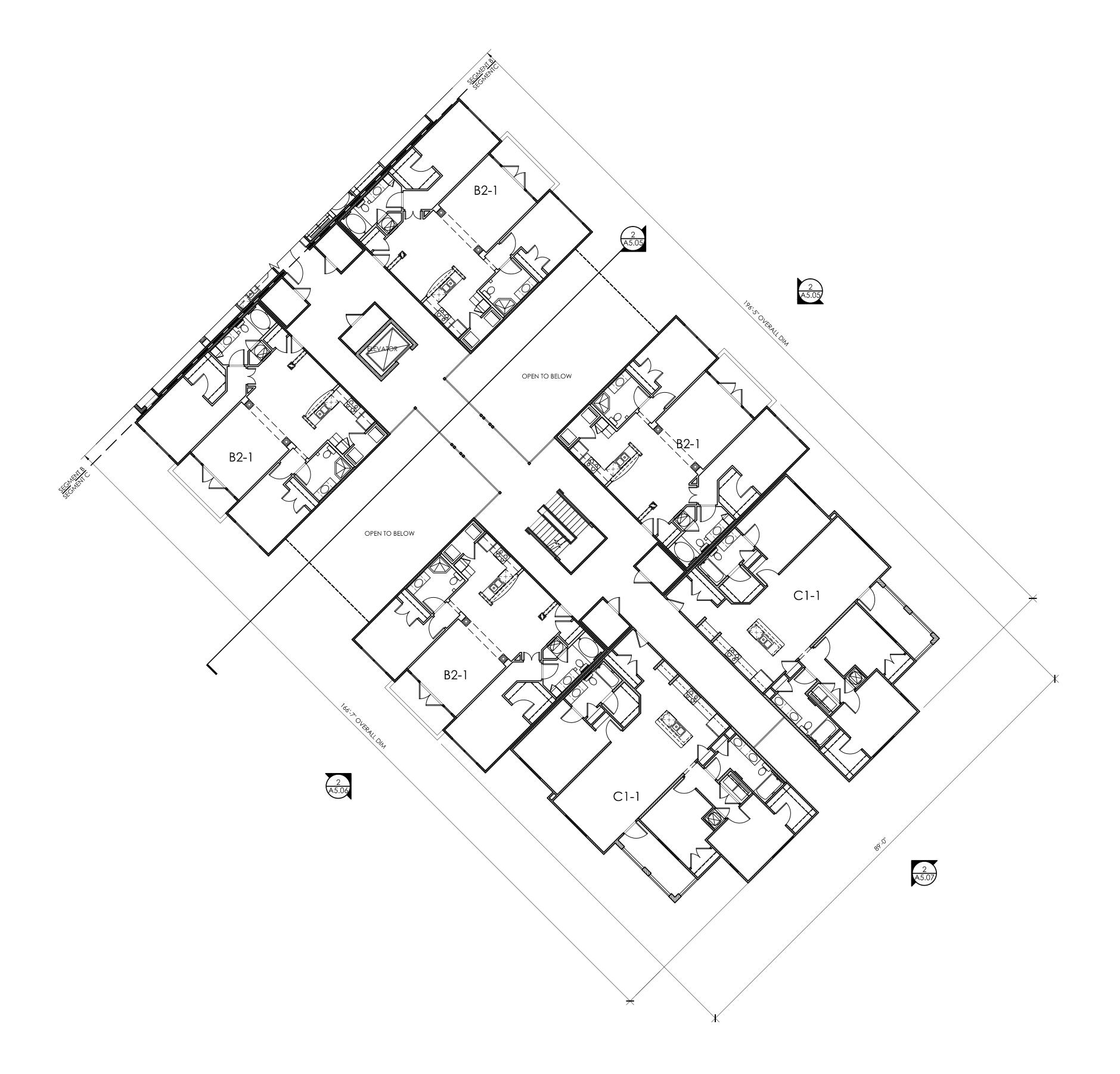


A3.12A BUILDING TYPE 3 (BUILDING 1) - THIRD FLOOR PLAN SEGMENT A.DWG

A3.12B



A3.12C









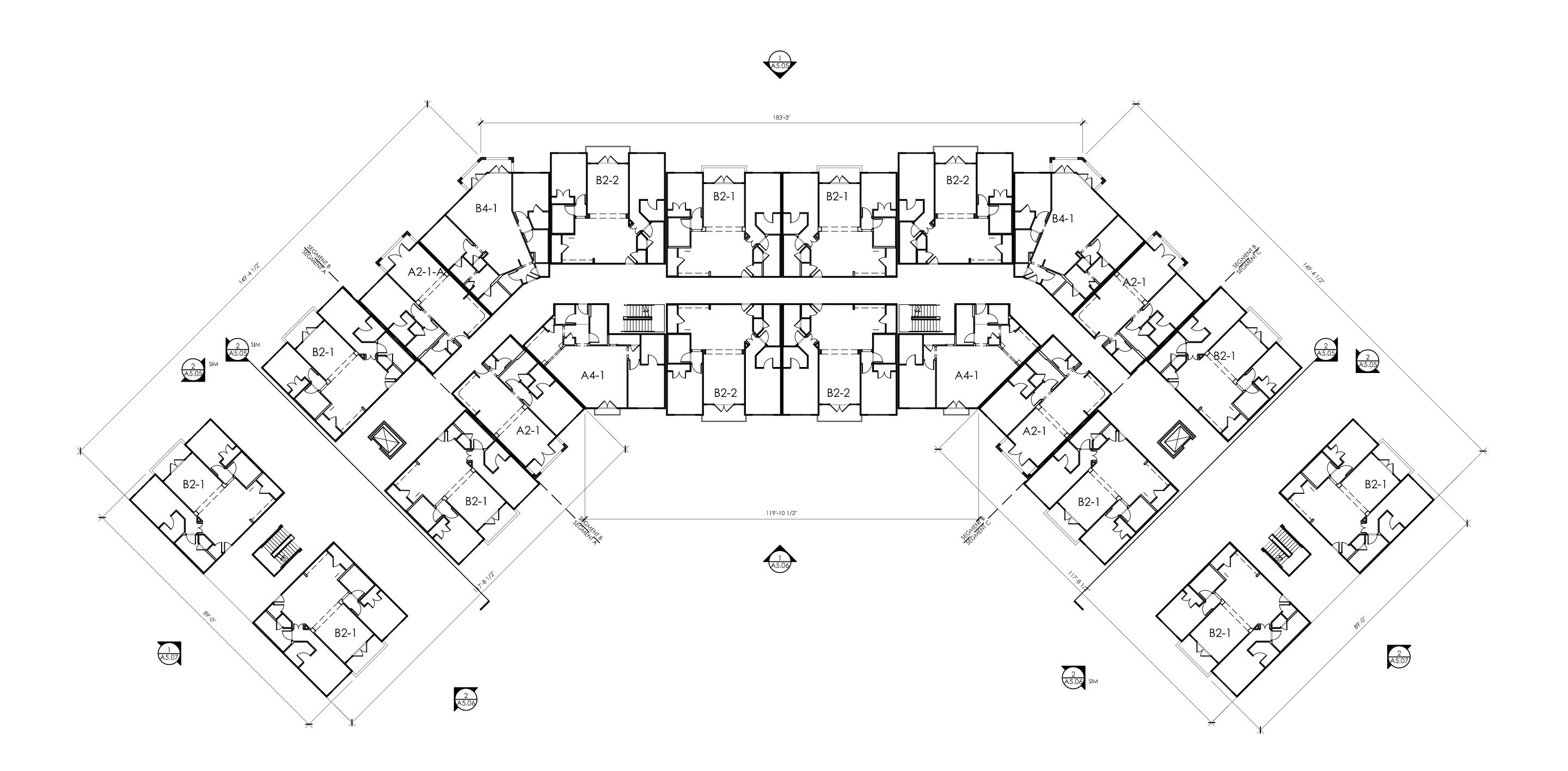
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Key Plan

BUILDING TYPE 3 (BUILDING 1) -FOURTH FLOOR PLAN

A3.13





RIVER'S EDGE -KNIGHTDALE, NC



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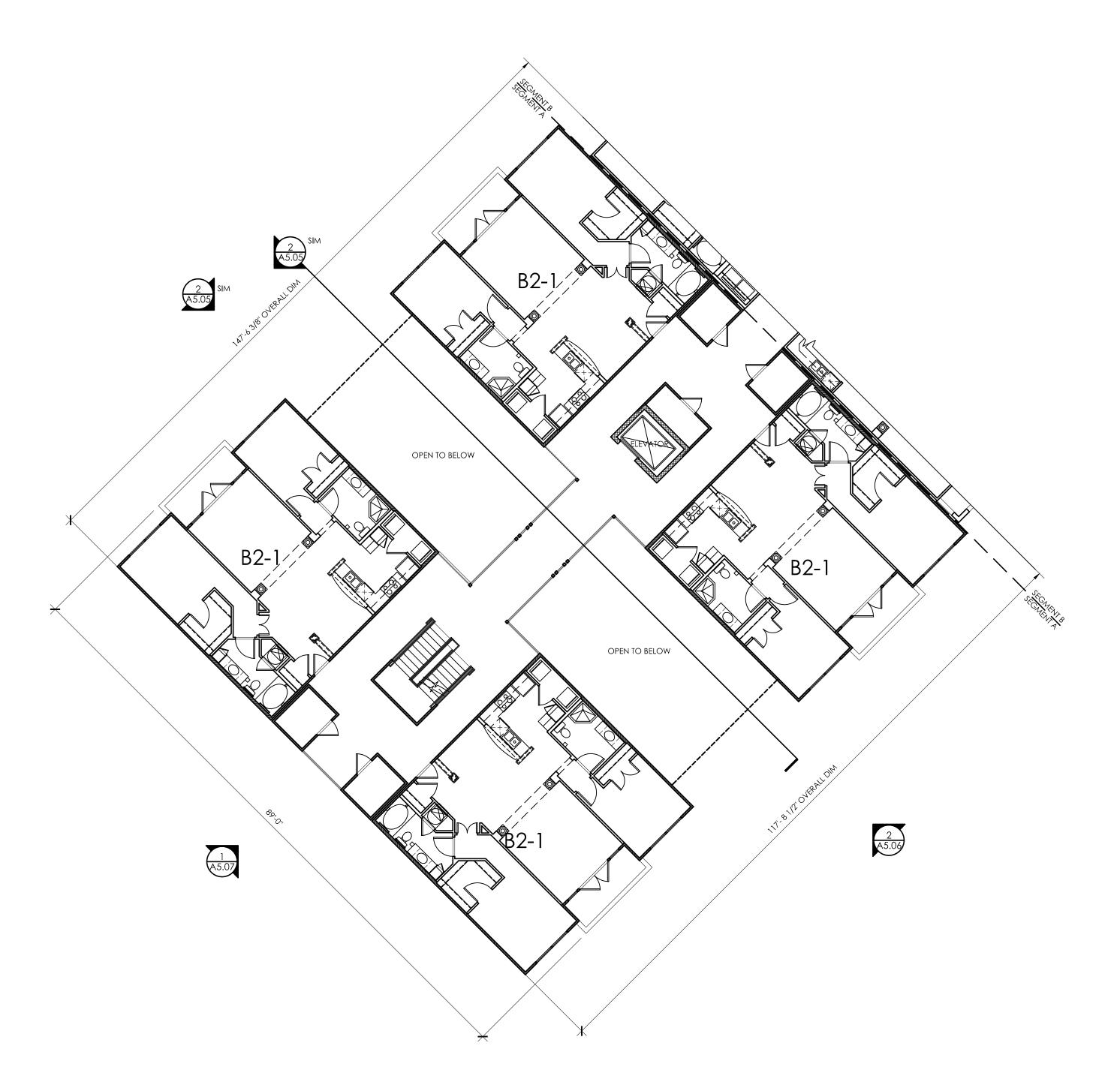
KNIGHTDALE

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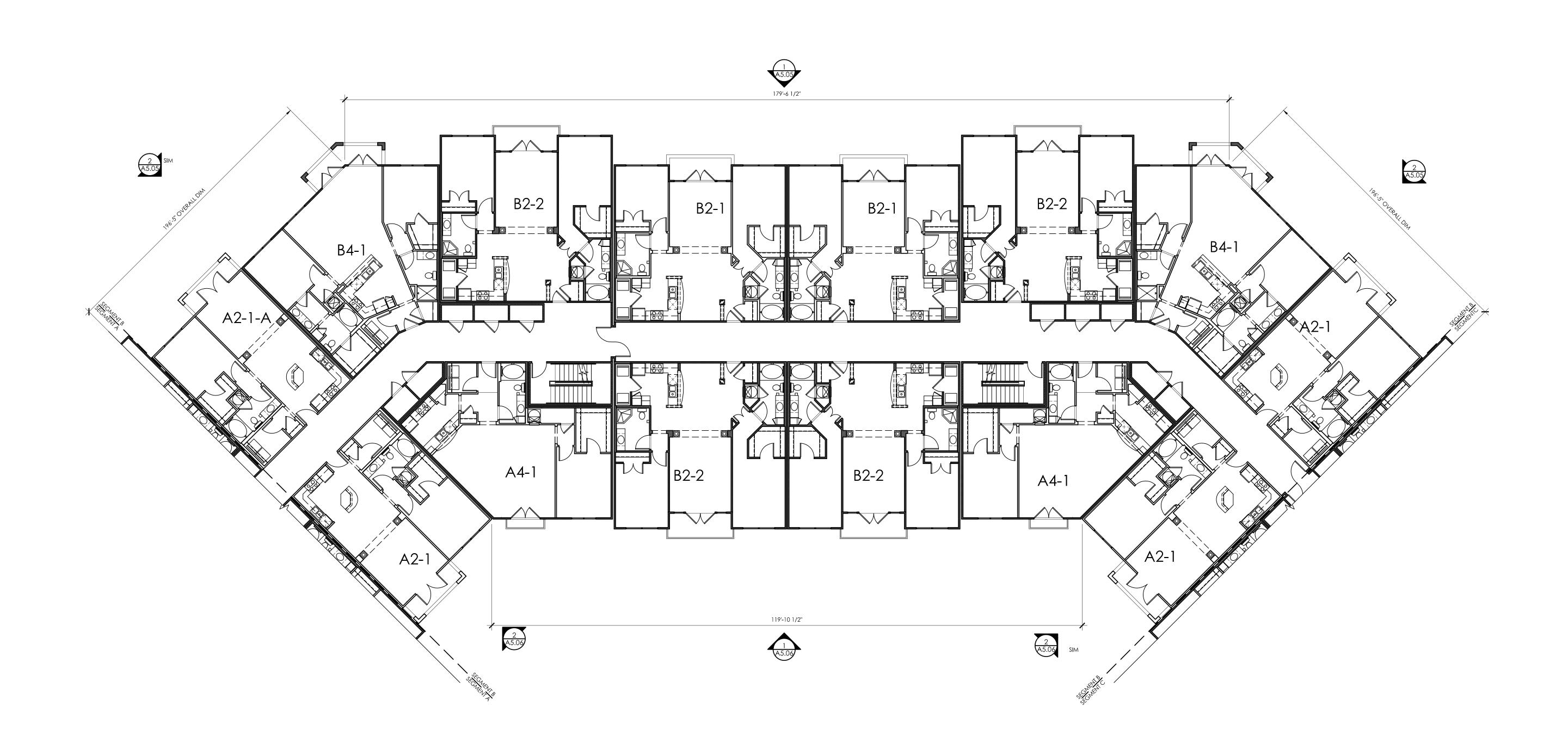
Key Plan

BUILDING TYPE 3 (BUILDING 1)-FOURTH FLOOR PLAN SEGMENT A

A3.13A



A3.13B

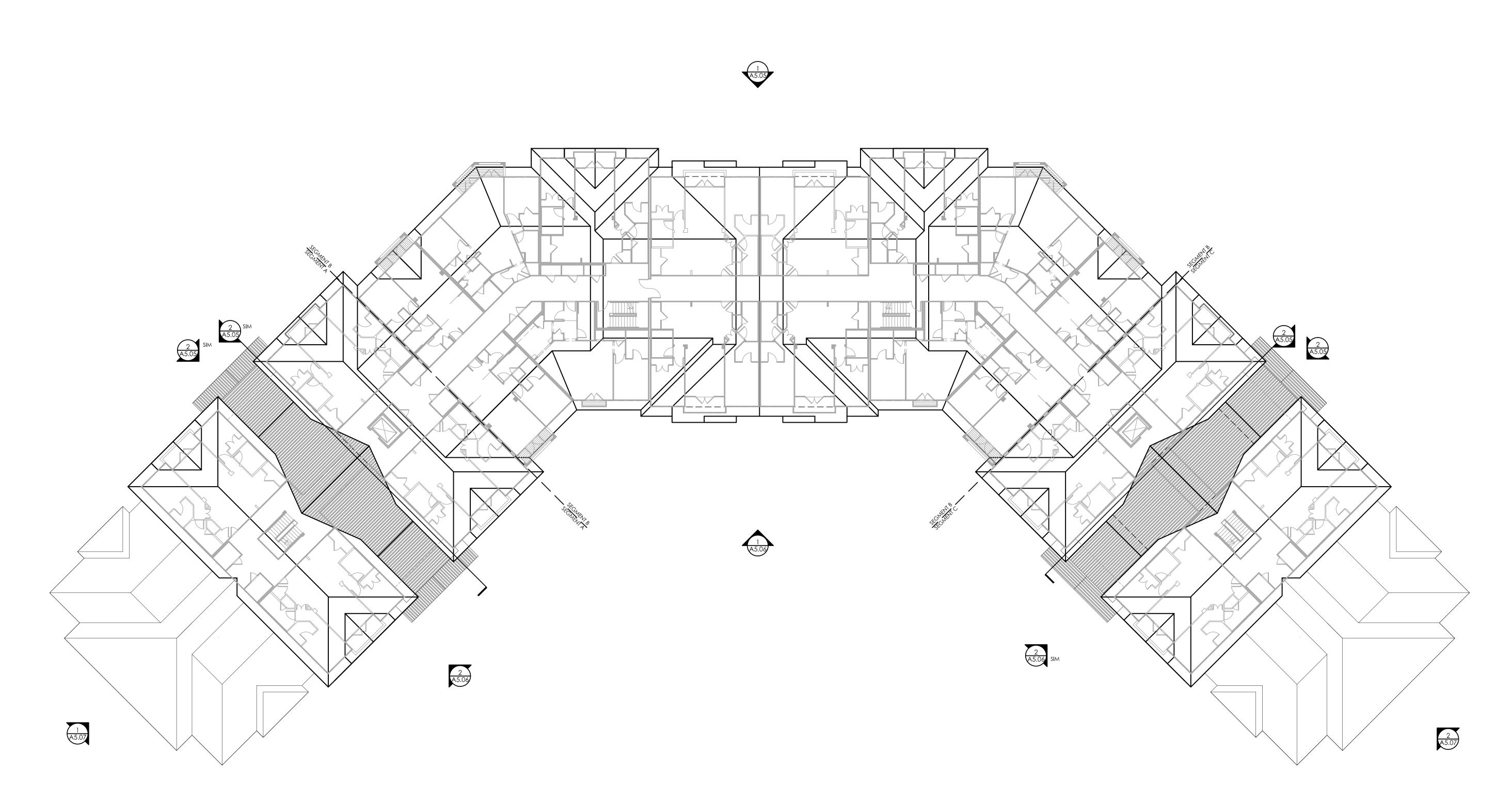


A3.13C



A3.13C BUILDING TYPE 3 (BUILDING 1)- FOURTH FLOOR PLAN SEGMENT C.DWG

A3.14





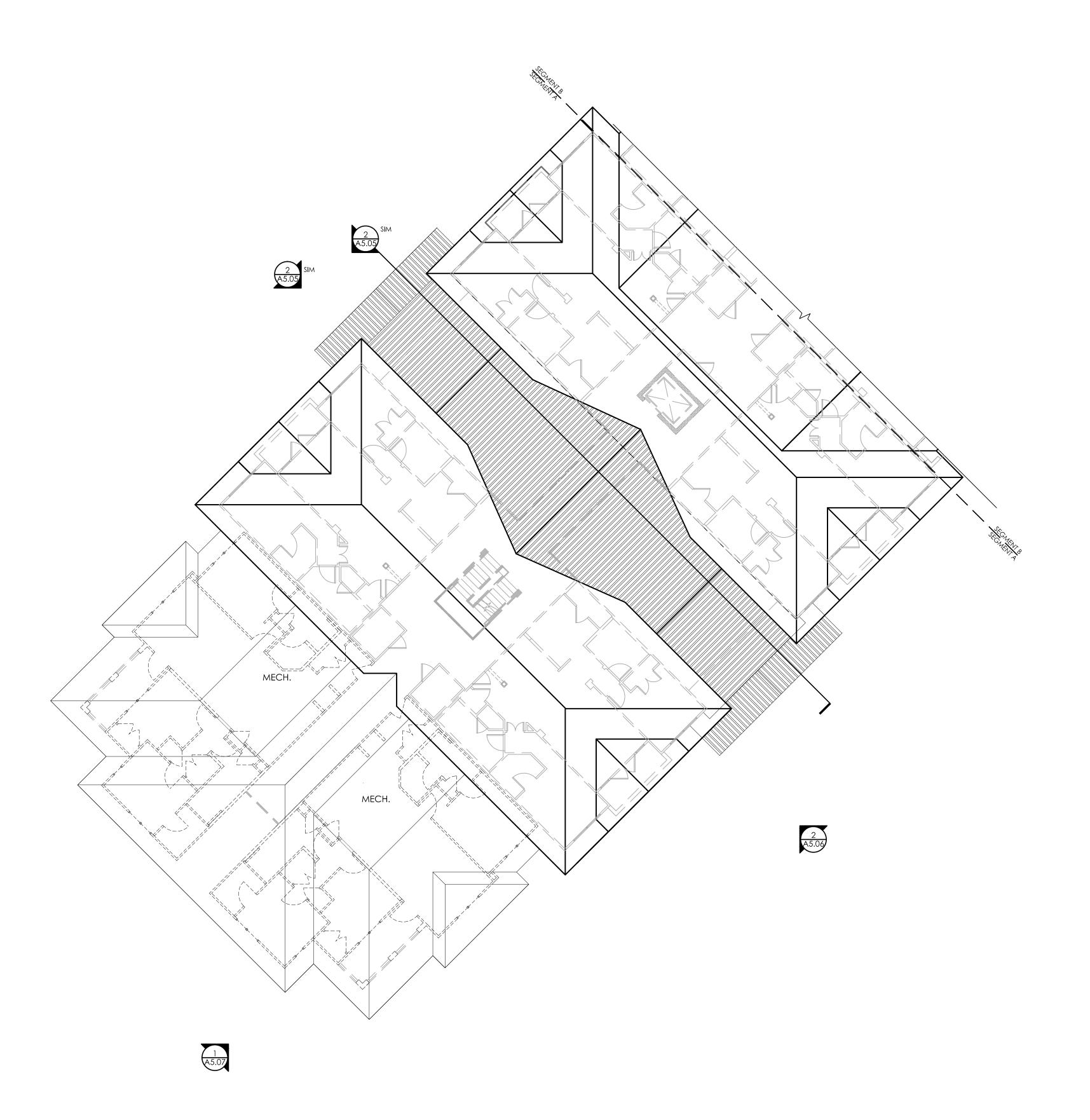


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Key Plan

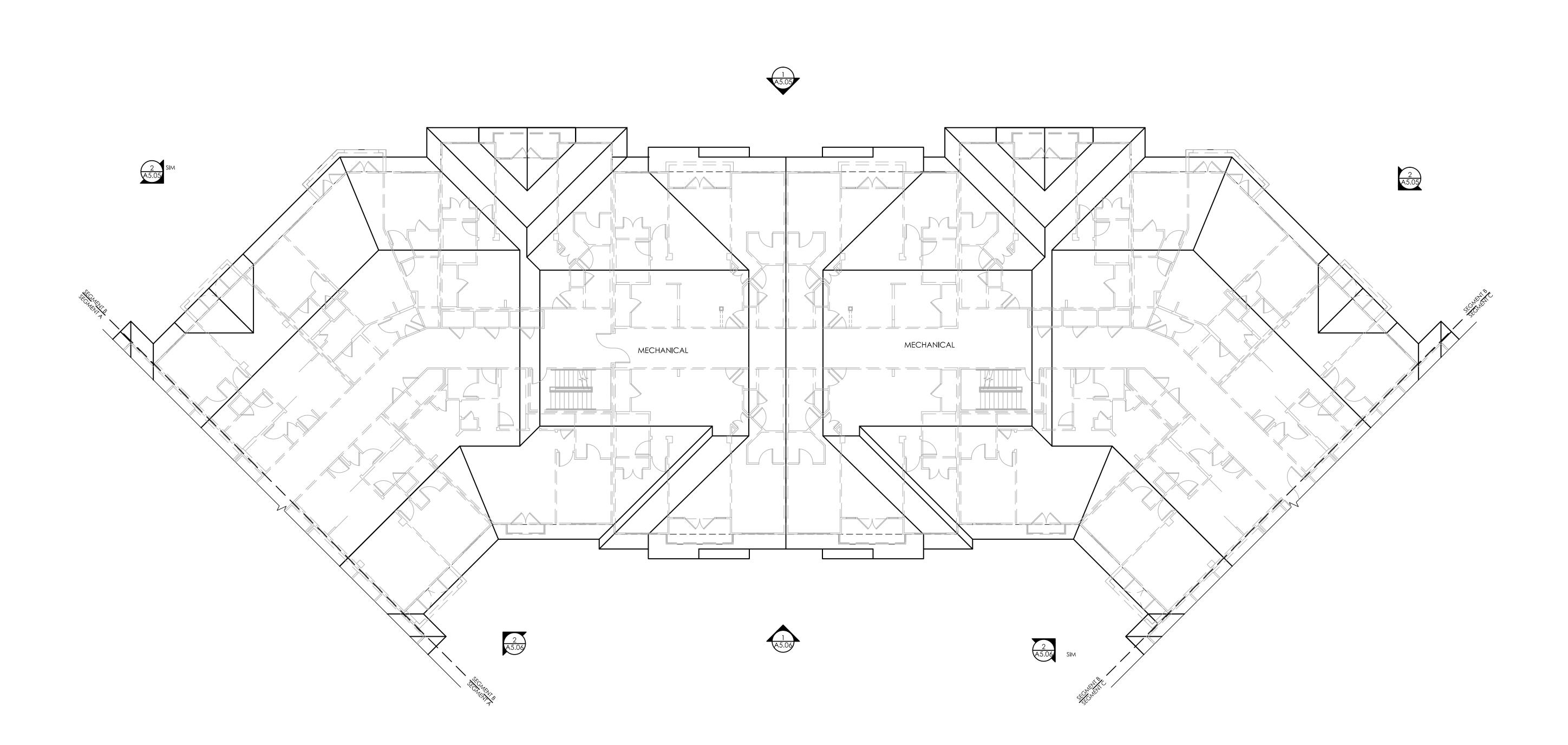
BUILDING TYPE 3 (BUILDING 1) -ROOF PLAN SEGMENT A

A3.14A

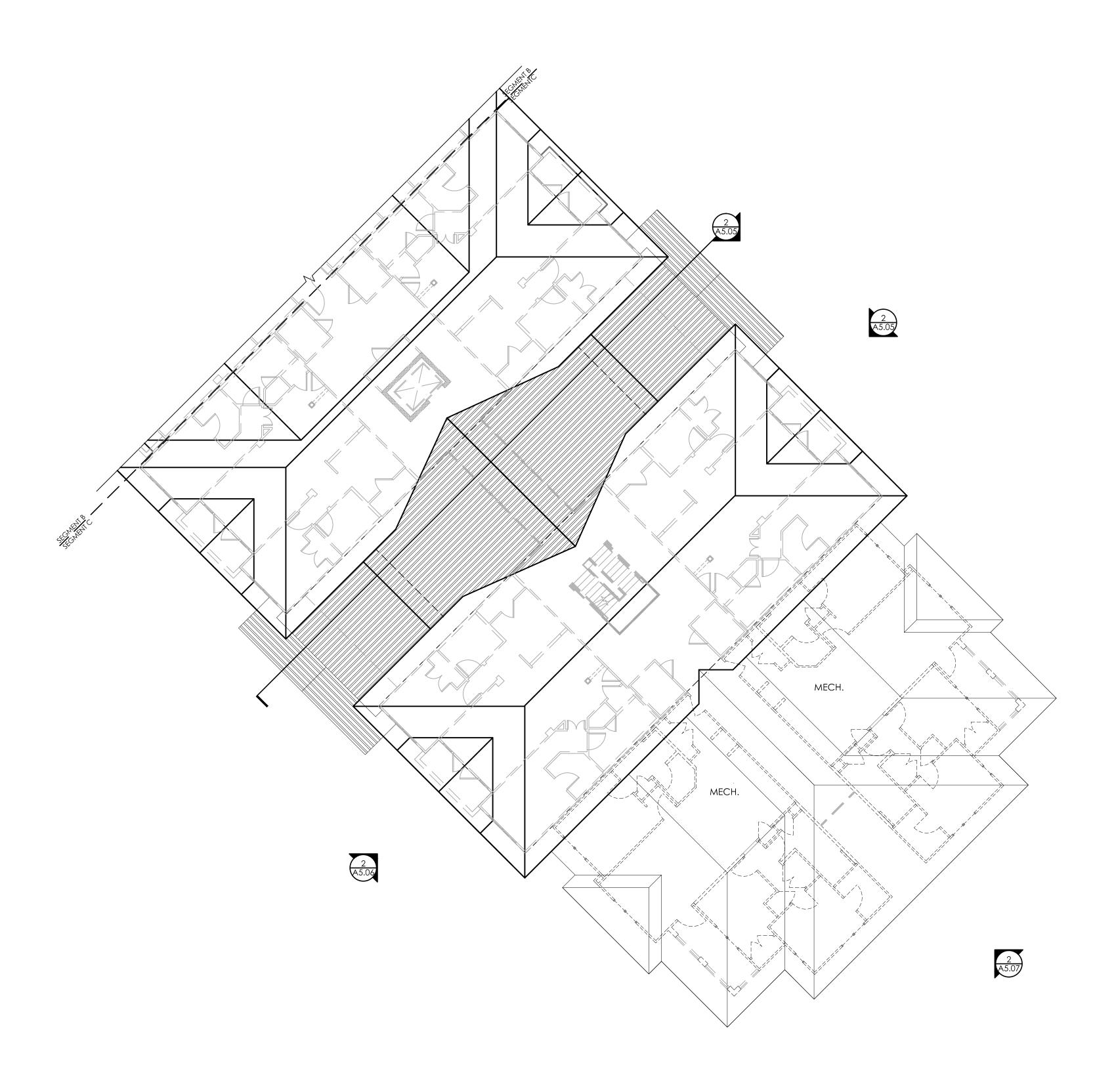


A3.14A BUILDING TYPE 3 (BUILDING 1) - ROOF PLAN SEGMENT A.DWG

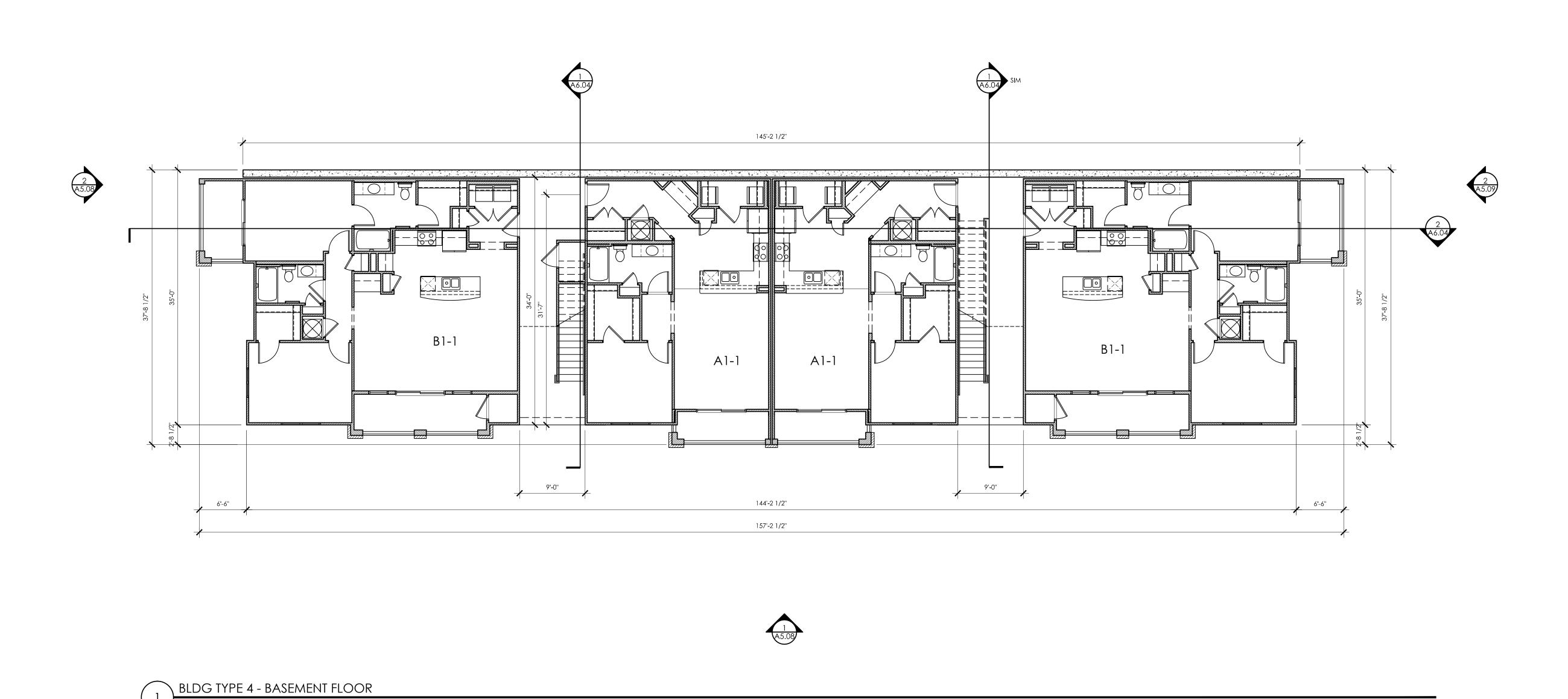
A3.14B



A3.14C

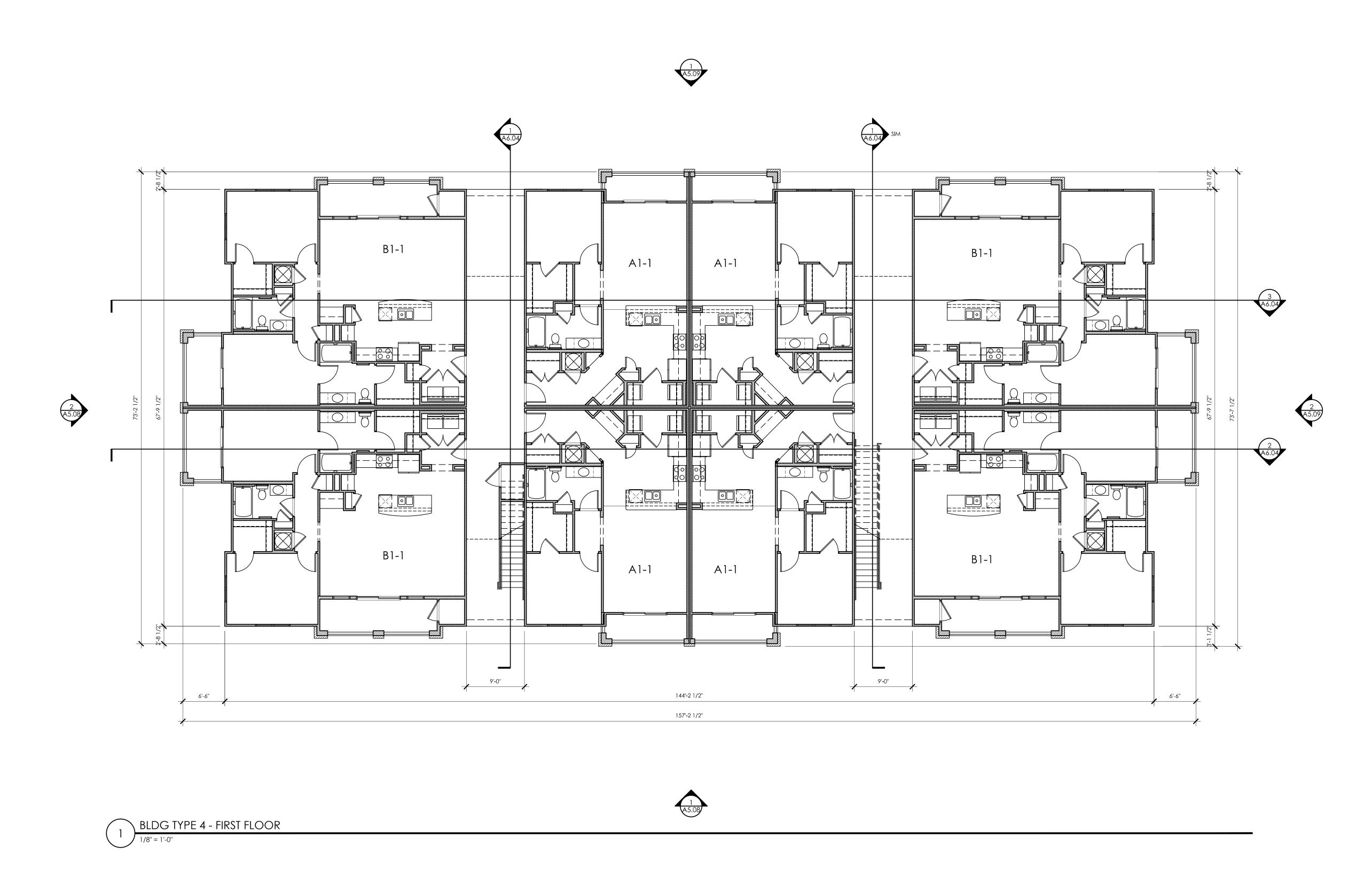


A3.15



A3.15 BUILDING TYPE 4 (BUILDING 5) - BASEMENT FLOOR PLAN.DWG

A3.16



A3.16 BUILDING TYPE 4 (BUILDING 5) FIRST FLOOR PLAN.DWG







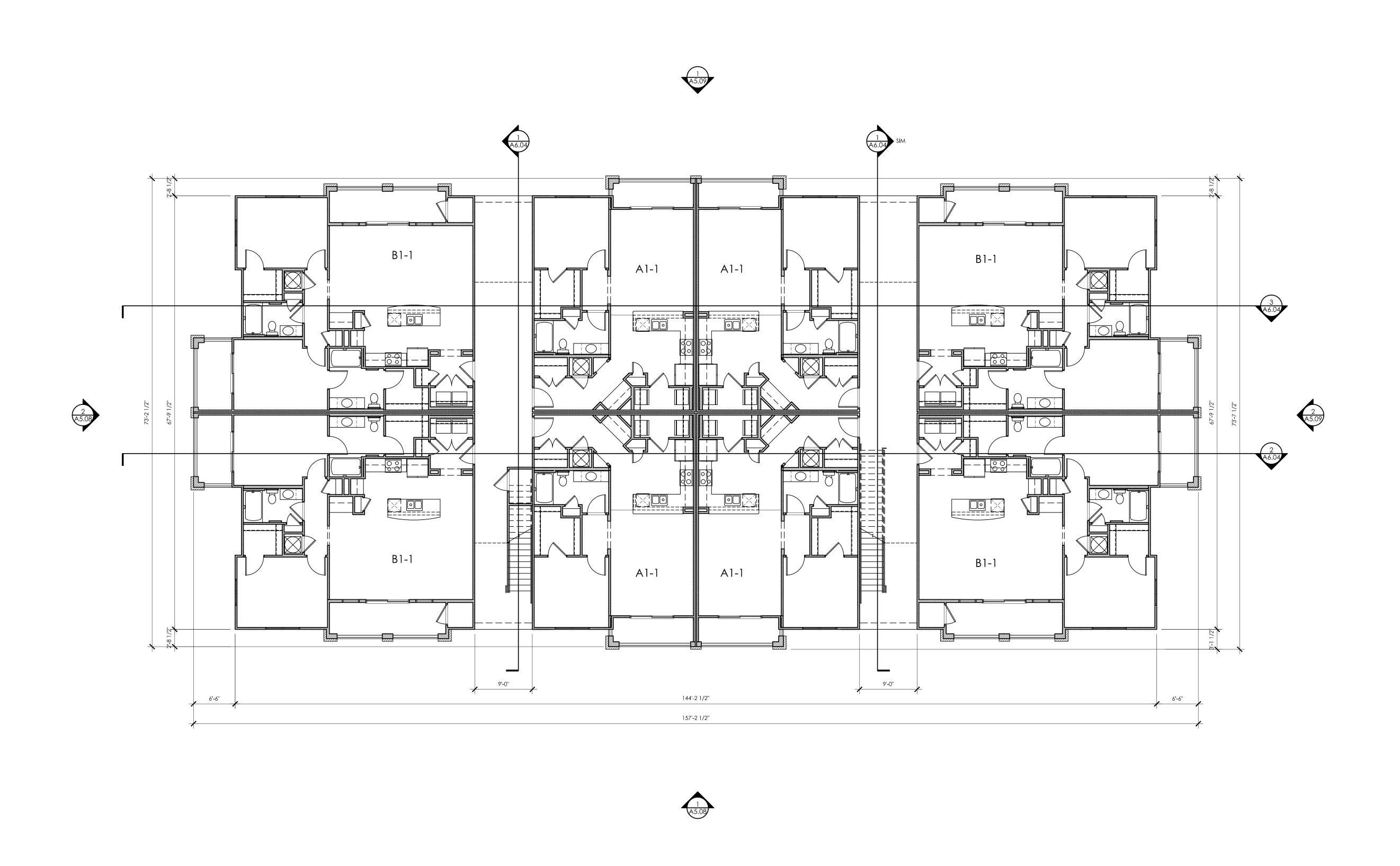
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Key Plan

BUILDING TYPE 4 (BUILDING 5) -SECOND FLOOR PLAN

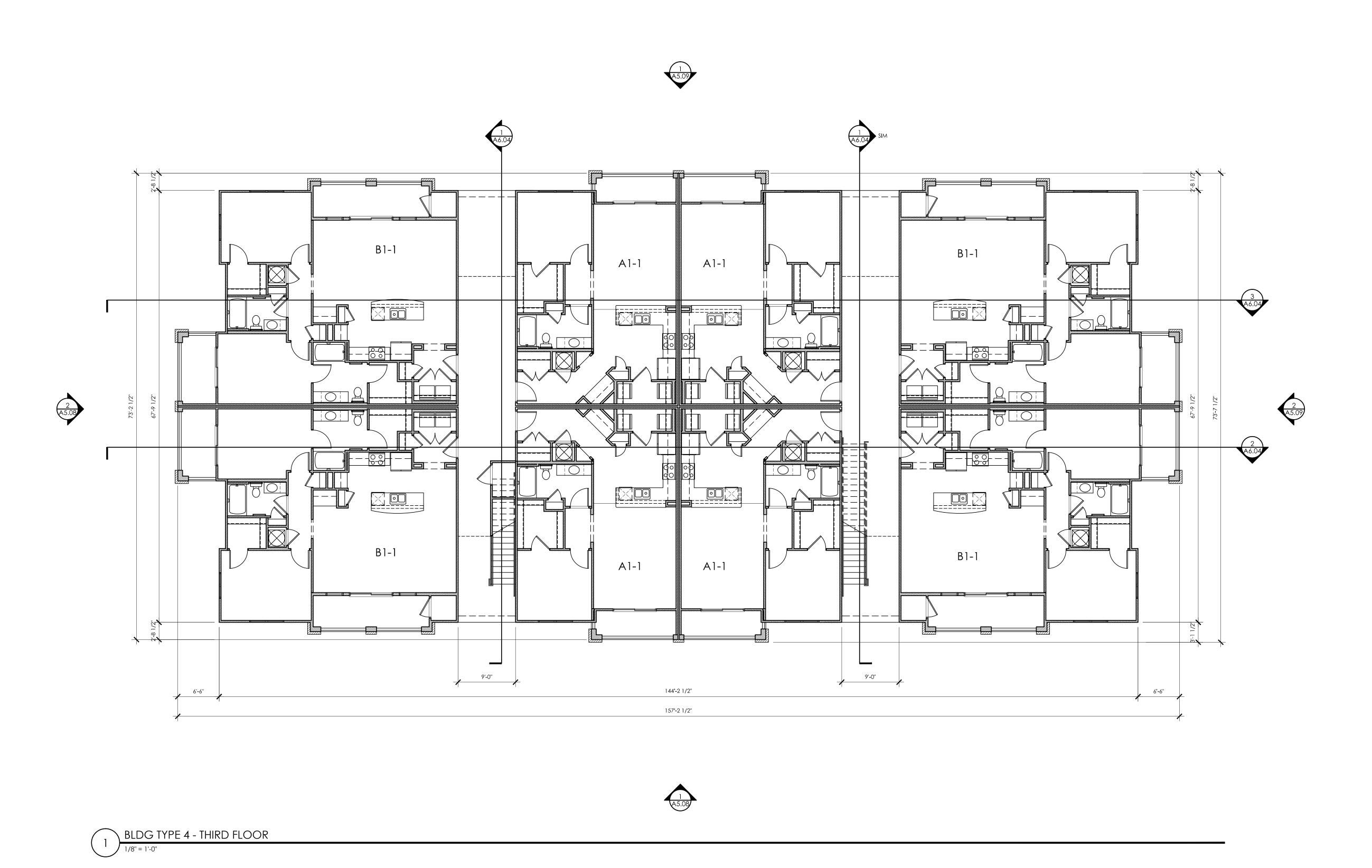
A3.17



➤ BLDG TYPE 4 - SECOND FLOOR

A3.17 BUILDING TYPE 4 (BUILDING 5) - SECOND FLOOR PLAN.DWG

A3.18



A3.18 BUILDING TYPE 4 (BUILDING 5) - THIRD FLOOR PLAN.DWG



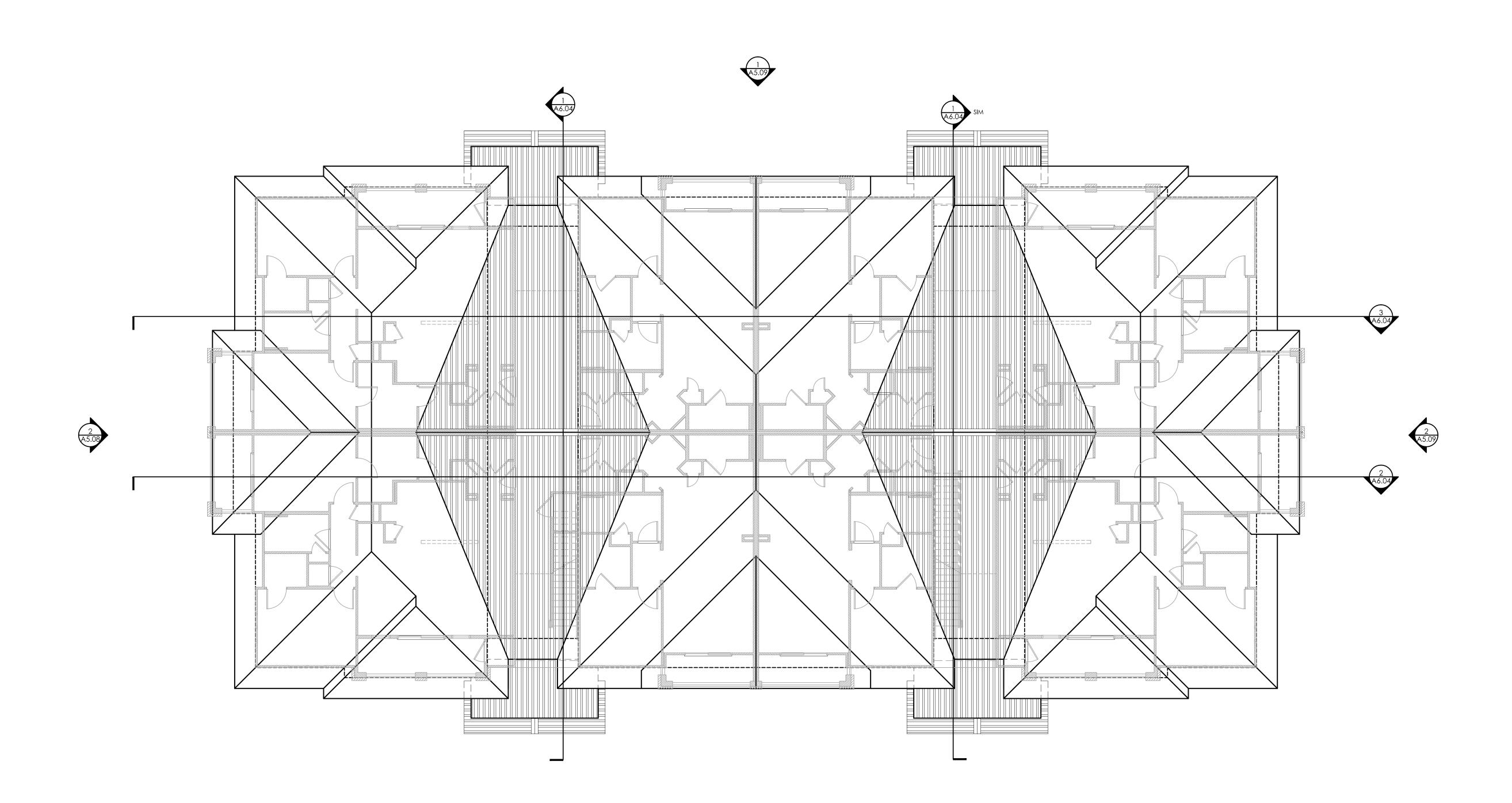




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Key Plan

BUILDING TYPE 4 (BUILDING 5) -ROOF PLAN



BLDG TYPE 4 - ROOF PLAN

1/8" = 1'-0"



RIVER'S EDGE -KNIGHTDALE



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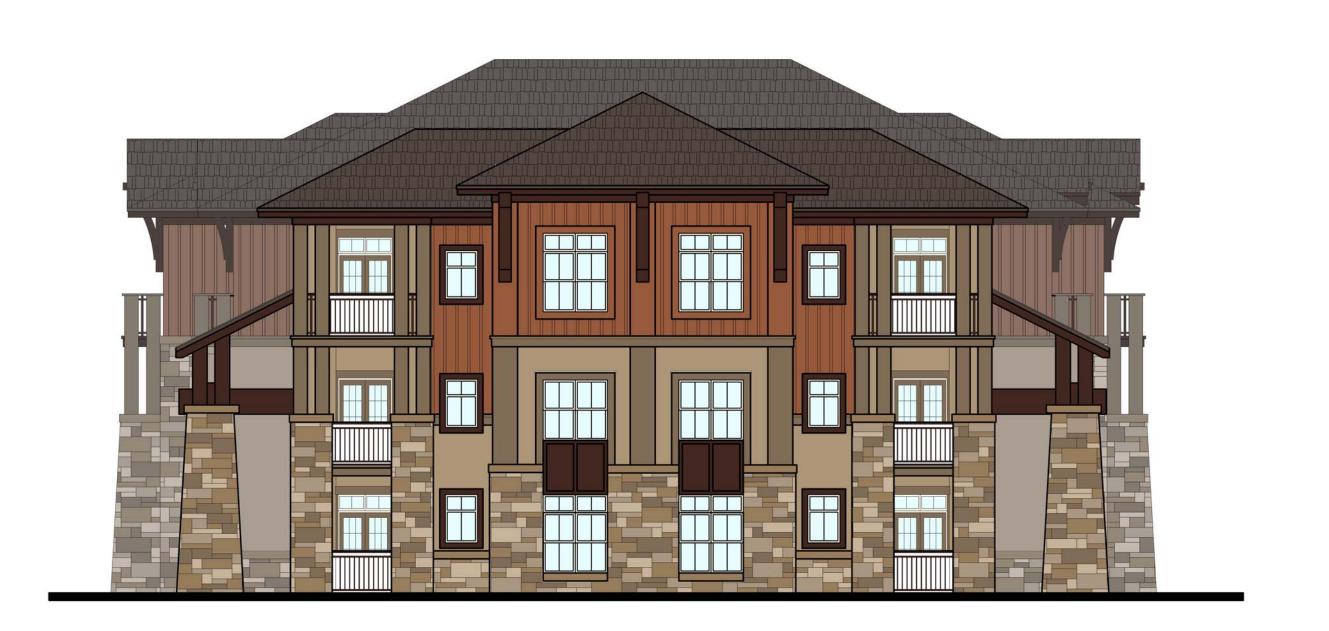
KNIGHTDALE

SUBMITTAL

Key Plan

EXTERIOR
ELEVATIONS BUILDING TYPE 1 BUILDINGS 3,4,6&7

A5.01



BUILDING TYPE 1 (BUILDINGS 3 4 6 & 7) - LEFT ELEVATION

2) 1/8" - 110



BUILDING TYPE 1 (BUILDINGS 3 4 6 & 7) - FRONT ELEVATION

A5.02



BUILDING TYPE 1 (BUILDINGS 3 4 6 & 7) - RIGHT ELEVATION



BUILDING TYPE 1 (BUILDINGS 3 4 6 & 7) - REAR ELEVATION

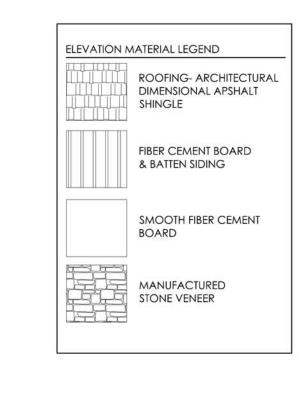
A5.03



BUILDING TYPE 2 (BUILDINGS 2&8) - LEFT ELEVATION



BUILDING TYPE 2 (BUILDINGS 2&8) - FRONT ELEVATION





BUILDING TYPE 2 (BUILDINGS 2&8) - RIGHT ELEVATION



BUILDING TYPE 2 (BUILDINGS 2&8) - REAR ELEVATION

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> RIVER'S EDGE -KNIGHTDALE



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Key Plan

EXTERIOR
ELEVATIONS BUILDING TYPE 2 BUILDINGS 2&8

A5.04





BLDG TYPE 3 - OVERALL ELEVATION - FRONT



ELEVATION MATERIAL LEGEND ROOFING- ARCHITECTURAL DIMENSIONAL APSHALT SHINGLE FIBER CEMENT BOARD & BATTEN SIDING SMOOTH FIBER CEMENT MANUFACTURED STONE VENEER

RIVER'S EDGE -KNIGHTDALE

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Key Plan

EXTERIOR ELEVATIONS -BUILDING TYPE 3 -BUILDING 1

A5.05

BUILDING TYPE 3 (BUILDING 1) - FRONT ELEVATION @ WING



BUILDING TYPE 3 (BUILDING 1) - FRONT ELEVATION







LEVATION MATERIAL LEGEND ROOFING- ARCHITECTURAL DIMENSIONAL APSHALT SHINGLE FIBER CEMENT BOARD & BATTEN SIDING SMOOTH FIBER CEMENT MANUFACTURED STONE VENEER

RIVER'S EDGE-KNIGHTDALE KNIGHTDALE, NC

BUILDING TYPE 3 (BUILDING 1) - REAR ELEVATION @ WING



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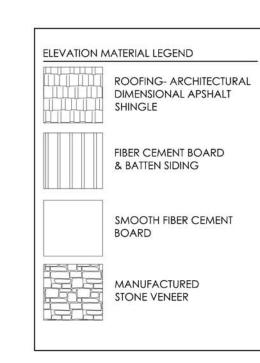
Key Plan

EXTERIOR ELEVATIONS -BULDING TYPE 3 -**BUILDING 1**

BUILDING TYPE 3 (BUILDING 1) - REAR ELEVATION

A5.06





2 END ELEVATION - LEFT



1 END ELEVATION - RIGHT



RIVER'S EDGE -KNIGHTDALE



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Key Plan

EXTERIOR
ELEVATIONS BUILDING TYPE 3 BUILDING 1

A5.07

ELEVATION MATERIAL LEGEND

MANUFACTURED STONE VENEER

ROOFING- ARCHITECTURAL DIMENSIONAL APSHALT SHINGLE

FIBER CEMENT BOARD & BATTEN SIDING

SMOOTH FIBER CEMENT BOARD

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A5.08

BUILDING TYPE 4 (BUILDING 5) - LEFT ELEVATION

1/8" = 1'-0"



BUILDING TYPE 4 (BUILDING 5) - FRONT ELEVATION

1/8" = 1'-0"

ELEVATION MATERIAL LEGEND

ROOFING- ARCHITECTURAL DIMENSIONAL APSHALT SHINGLE

FIBER CEMENT BOARD & BATTEN SIDING

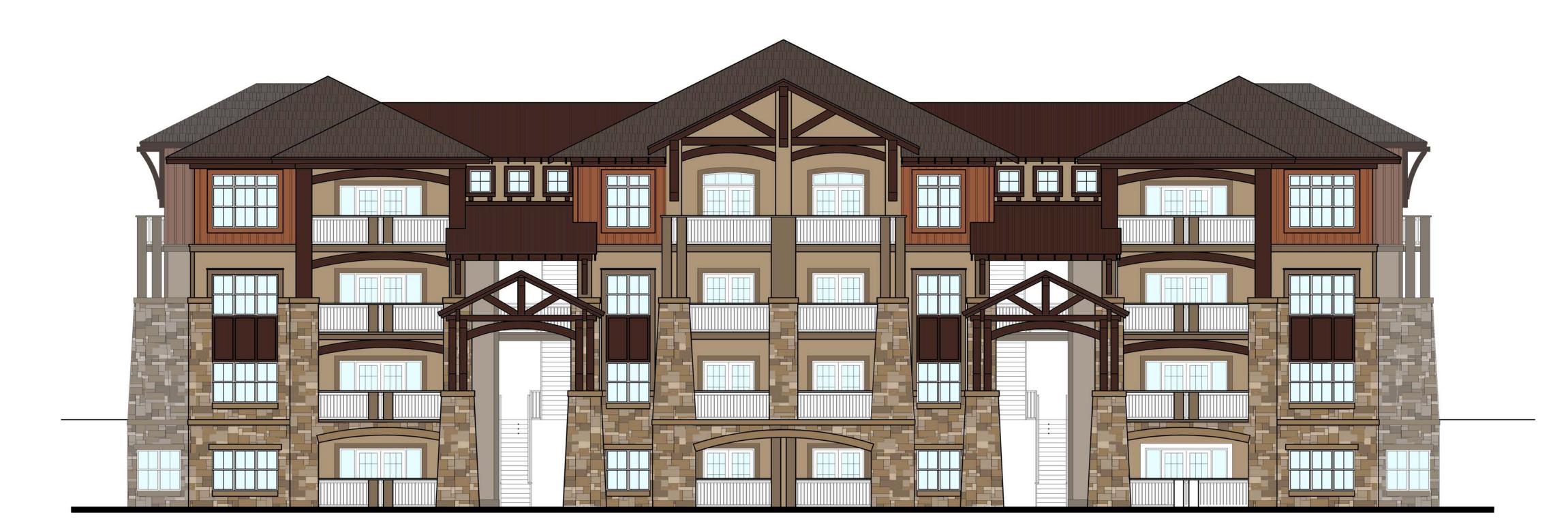
SMOOTH FIBER CEMENT BOARD

MANUFACTURED STONE VENEER

A5.09



BUILDING TYPE 4 (BUILDING 5) - RIGHT ELEVATION

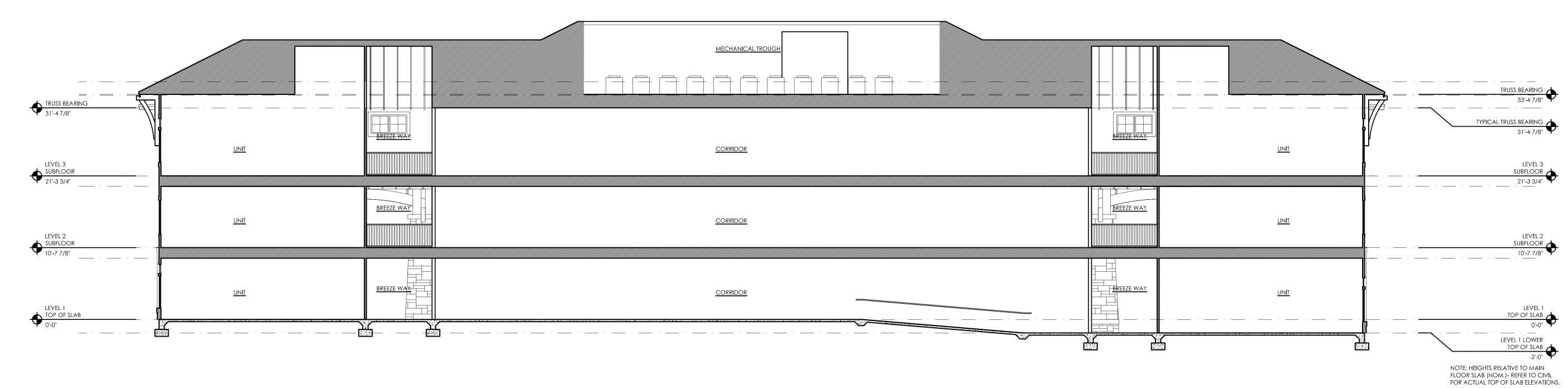


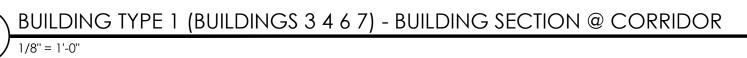
THIRD FLOOR
TOP OF SUBFLOOR
21'-3 3/4"

SECOND FLOOR TOP OF SUBFLOOR 10'- 7 7/8"

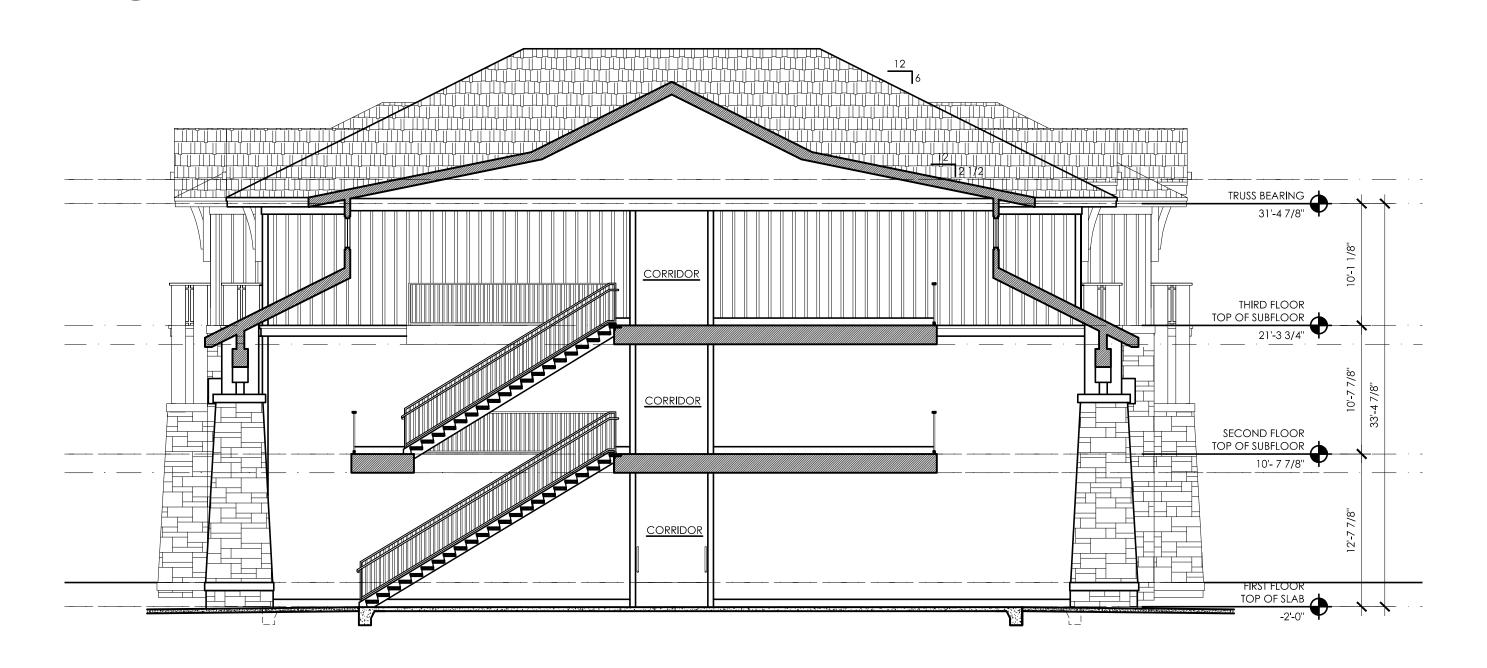
> FIRST FLOOR TOP OF SLAB

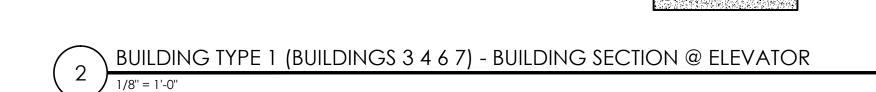
A6.01





BUILDING TYPE 1 (BUILDINGS 3 4 6 7) - BUILDING SECTION @ STAIRS - LOW SIDE





MECHANICAL TROUGH

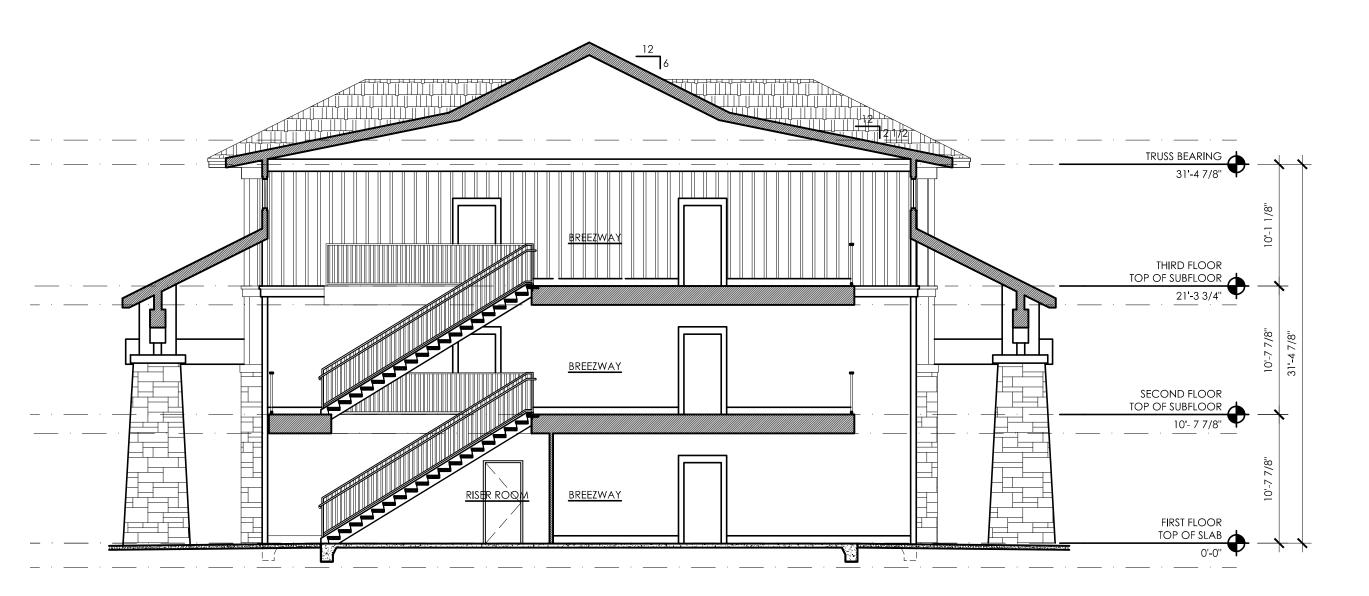
CORRIDOR

CORRIDOR

<u>CORRIDOR</u>

<u>UNIT</u>

<u>UNIT</u>



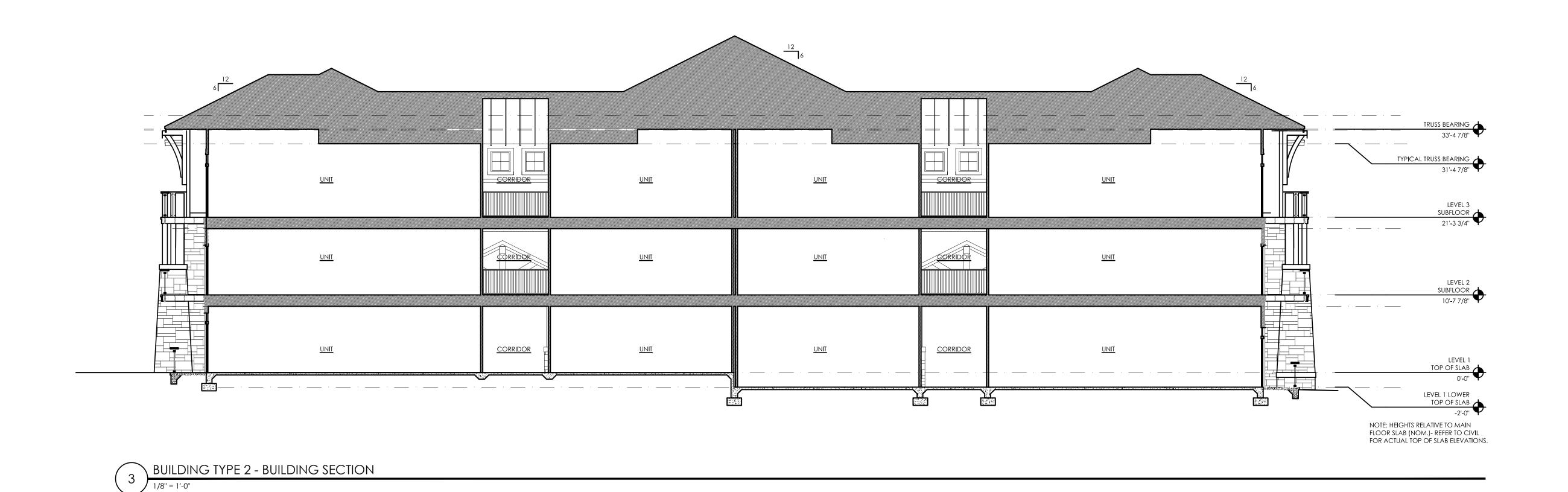
BUILDING TYPE 1 (BUILDINGS 3 4 6 7) - BUILDING SECTION @ STAIRS - HIGH SIDE

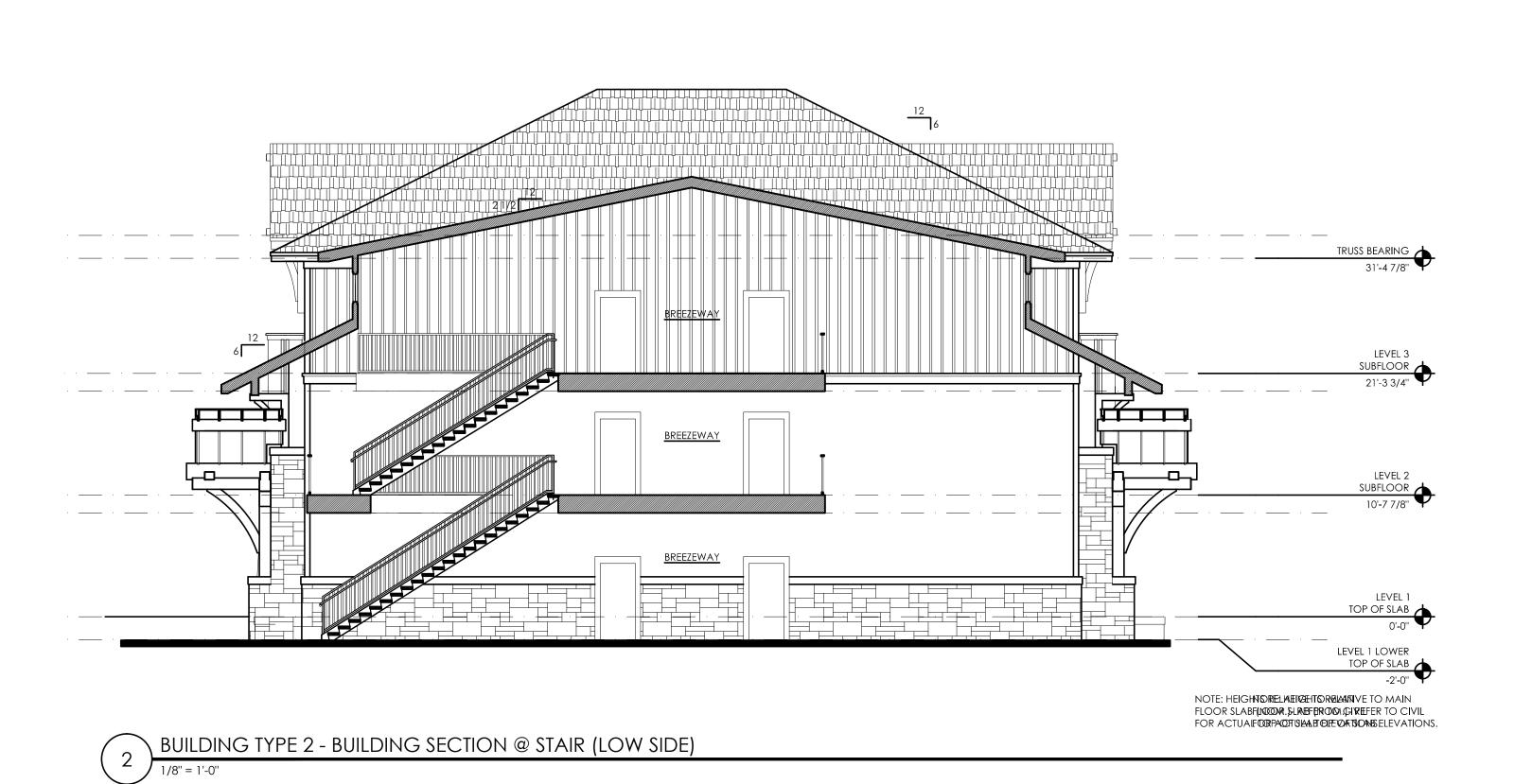
1/8" = 1'-0'

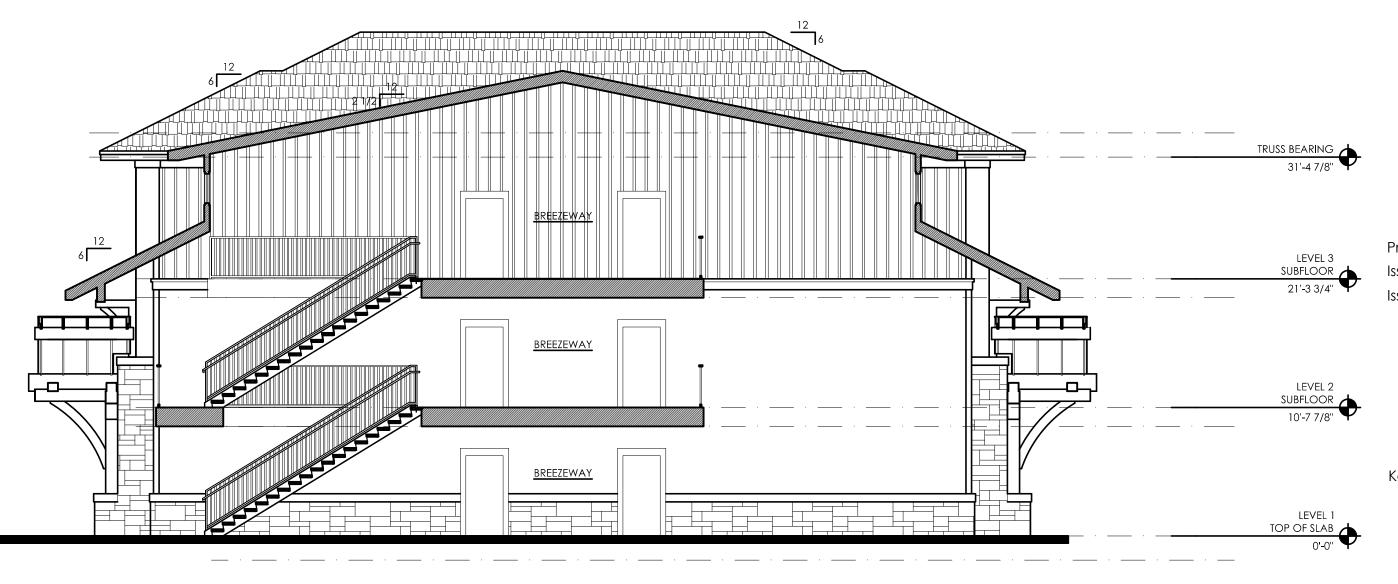
A6.01 BUILDING SECTIONS- BUILDING TYPE 1.DWG

NOTE: HEIGHTS RELATIVE TO MAIN FLOOR SLAB (NOM.)- REFER TO CIVIL FOR ACTUAL TOP OF SLAB ELEVATIONS. BUILDING

SECTIONS-BUILDING TYPE 2







A6.02



RIVER'S EDGE -KNIGHTDALE



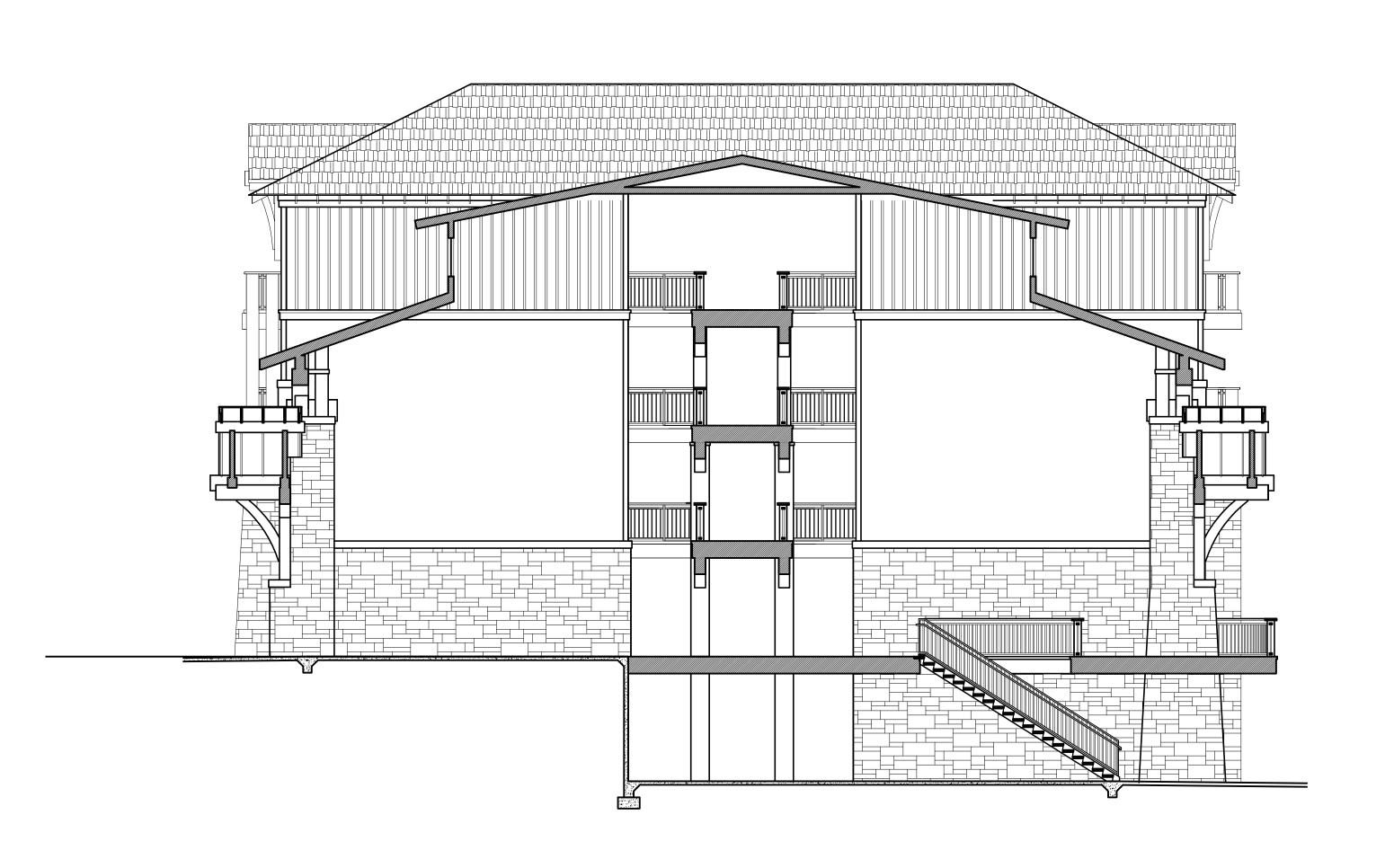
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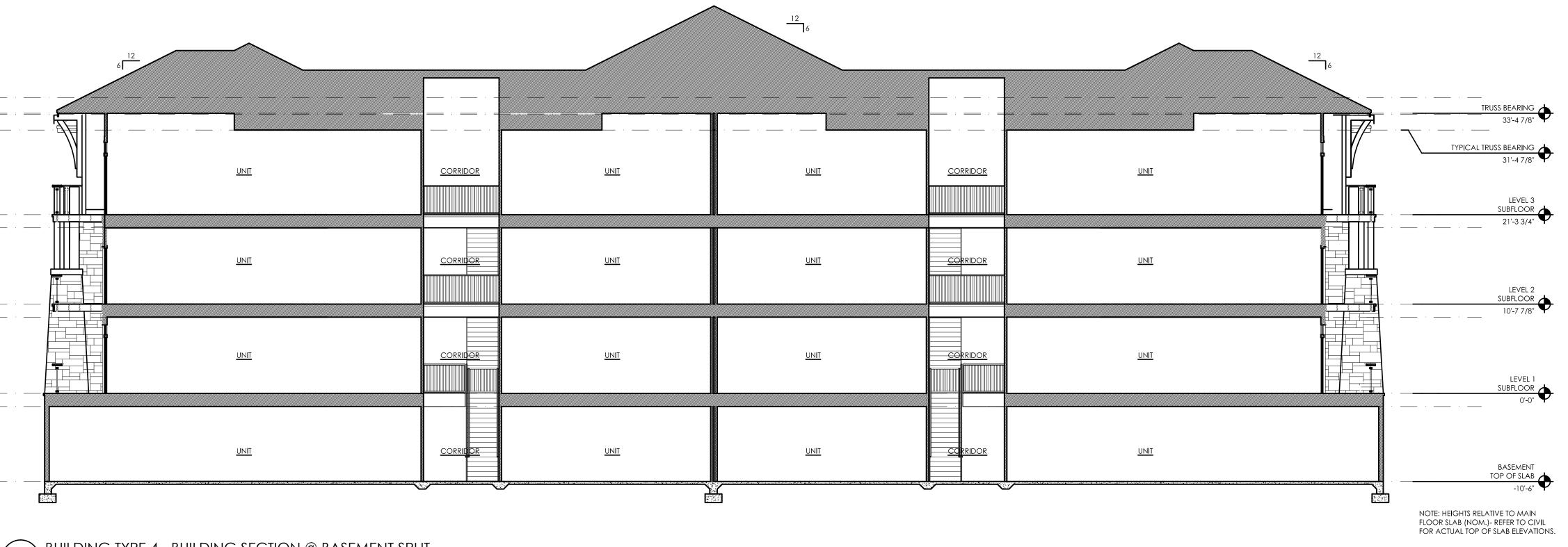
BUILDING SECTIONS -BUILDING TYPE 3

A6.03

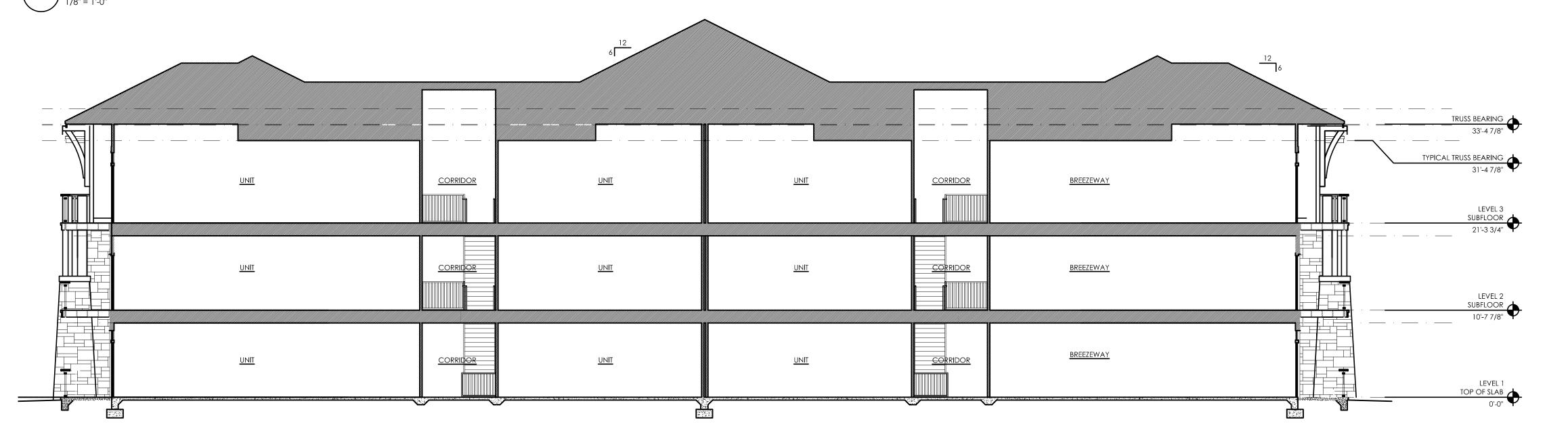


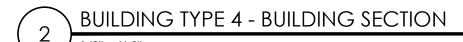
HOUSING

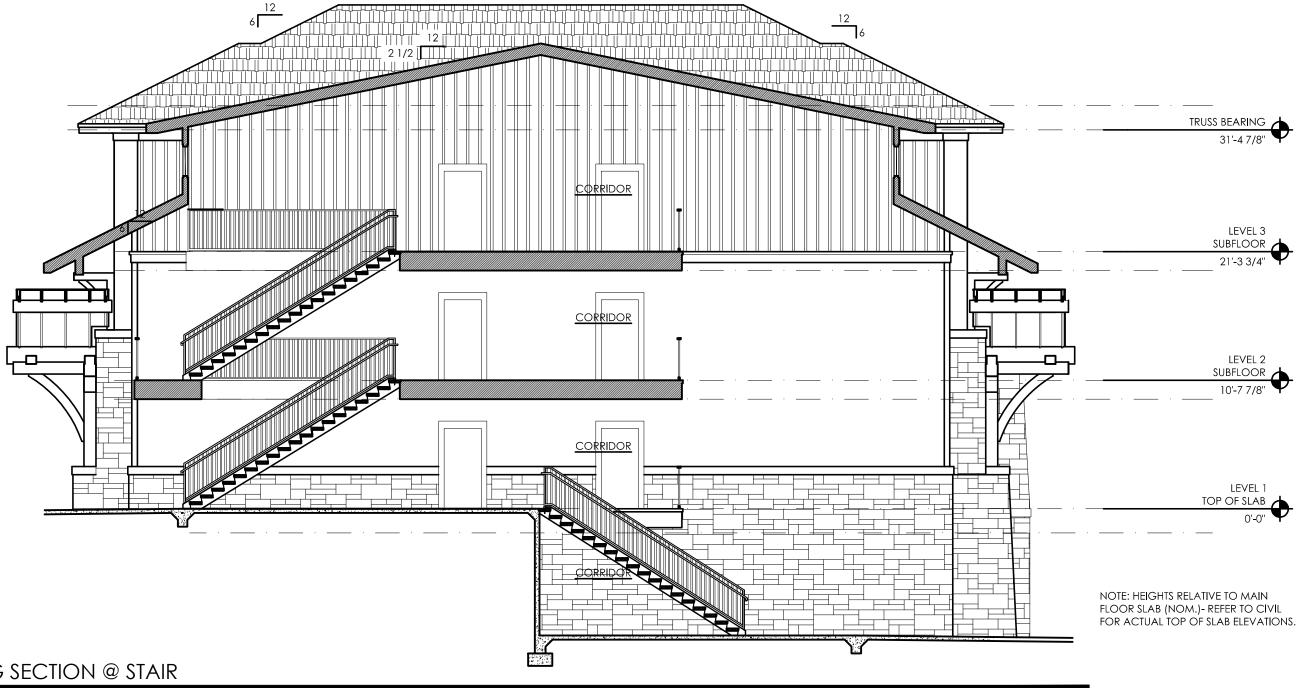
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A6.04 BUILDING SECTIONS- BUILDING TYPE 4.DWG