Kahler Slater

SCHEMATIC DESIGN

# 700 E JOHNSON ST

700 E JOHNSON ST
MADISON, WI 53703

KAHLER SLATER PROJECT: 217014.00
03/21/2018




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SCHEMATIC DESIGN

Drawing Date
03/21/2018

700 E JOHNSON ST

700 E JOHNSON ST
MADISON, WI 53703

Project No.
217014.00

700 EAST LLC

Sheet Title
COVER SHEET

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G000

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Vierbicher Project No.: 107109

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MADISON, WI 53717
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## PROJECT BENCHMARKS:

BENCHMARK 1 - ELEV.=856.55':
TOP NUT OF FIRE HYDRANT LOCATED ADJACENT TO AND ACROSS THE STREET FROM 725 WEST JOHNSON STREET.

BENCHMARK 2 - ELEV.=852.91':
TOP NUT OF FIRE HYDRANT LOCATED ADJACENT TO AND ON THE EASTERLY SIDE OF 753 WEST JOHNSON STREET.

## DESCRIPTION:

Part of Lots 3 through 9 and 14, inclusive, of Block 136 of the Original Plat, located in the NW¼ & SE¼ of the SW¼ of Section 13, Township 07 North, Range 09 East, City of Madison, Dane County, Wisconsin.

## NOTES:

1. The parcels surveyed contain 1.33 Acres or 58,143 sq. ft. more or less.
2. This survey was prepared based upon information provided in the Title Commitment No. NCS-843068-MAD from First American Title Insurance Company, Effective date, December 15, 2017 at 7:00 am.
3. This survey is based upon field survey work performed between December 18 and December 21, 2017. Any changes in site conditions after December 21, 2017 are not reflected by this survey.
4. Elevations depicted on this survey are based upon NAVD88 Datum.
5. Surveyor has made no investigation or independent search for easements of record, encumbrances, restrictive covenants, or ownership title evidence.
6. Invert elevation for sanitary and storm sewer per asbuilt data from WisDOT Project No. 5992-09-12.
7. Utility locations were field located based upon substantial, visible, above ground structures, upon maps provided to the surveyor, or upon markings on the ground placed by utility companies and/or their agents. No warranty is given to the utility markings by others or that all underground utilities affecting this property were marked and subsequently located for this survey. A locate request was sent to Digger's Hotline per Digger's Hotline One-Call ticket numbers 20175006660, 20175006665, 20175006675, 20175006682, 20175006689, 20175006697, 20175006704, 20175006710, 20175006712, 20175006716, 20175006717, 20175006721, 20175006723, 20175006727, and 20175006732. Location of buried private utilities are not within the scope of this survey.

## TOPOGRAPHIC SYMBOL LEGEND

- EXISTING SIGN
- EXISTING CURB INLET
- EXISTING FIELD INLET
- EXISTING STORM MANHOLE
- EXISTING SANITARY MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING WATER MAIN VALVE
- EXISTING LIGHT POLE
- EXISTING UNIDENTIFIED UTILITY VAULT
- EXISTING CURB STOP
- BENCHMARK (SEE BENCHMARK NOTES)
- EXISTING BOLLARD
- EXISTING GAS VALVE
- EXISTING GAS METER
- EXISTING ELECTRIC METER
- EXISTING UTILITY POLE
- EXISTING UNIDENTIFIED MANHOLE
- EXISTING POST
- EXISTING DECIDUOUS TREE

## TOPOGRAPHIC LINEWORK LEGEND

- EXISTING FIBER OPTIC LINE
- EXISTING GAS LINE
- EXISTING UNDERGROUND ELECTRIC LINE
- EXISTING OVERHEAD ELECTRIC
- EXISTING 6" SANITARY SEWER LINE
- EXISTING 10" SANITARY SEWER LINE
- EXISTING 15" SANITARY SEWER LINE
- EXISTING 12" STORM SEWER LINE
- EXISTING 18" STORM SEWER LINE
- EXISTING 48" STORM SEWER LINE
- EXISTING 54" STORM SEWER LINE
- EXISTING 12" D.I. WATER MAIN
- EXISTING 10" D.I. WATER MAIN
- EXISTING 1" WATER SERVICE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING PROPERTY LINE
- PROPERTY BOUNDARY
- ADJOINER PROPERTY
- EXISTING ACCESS EASEMENT

## TOPOGRAPHIC HATCHING LEGEND

- CONCRETE PAVEMENT/SIDEWALK/PAD
- ASPHALT PAVEMENT
- GRAVEL
- EXISTING BUILDING

DIGGERS HOTLINE
Dial 811 or (800) 242-8511
www.DiggersHotline.com

THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT, BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.

CALL DIGGER'S HOTLINE
1-800-242-8511

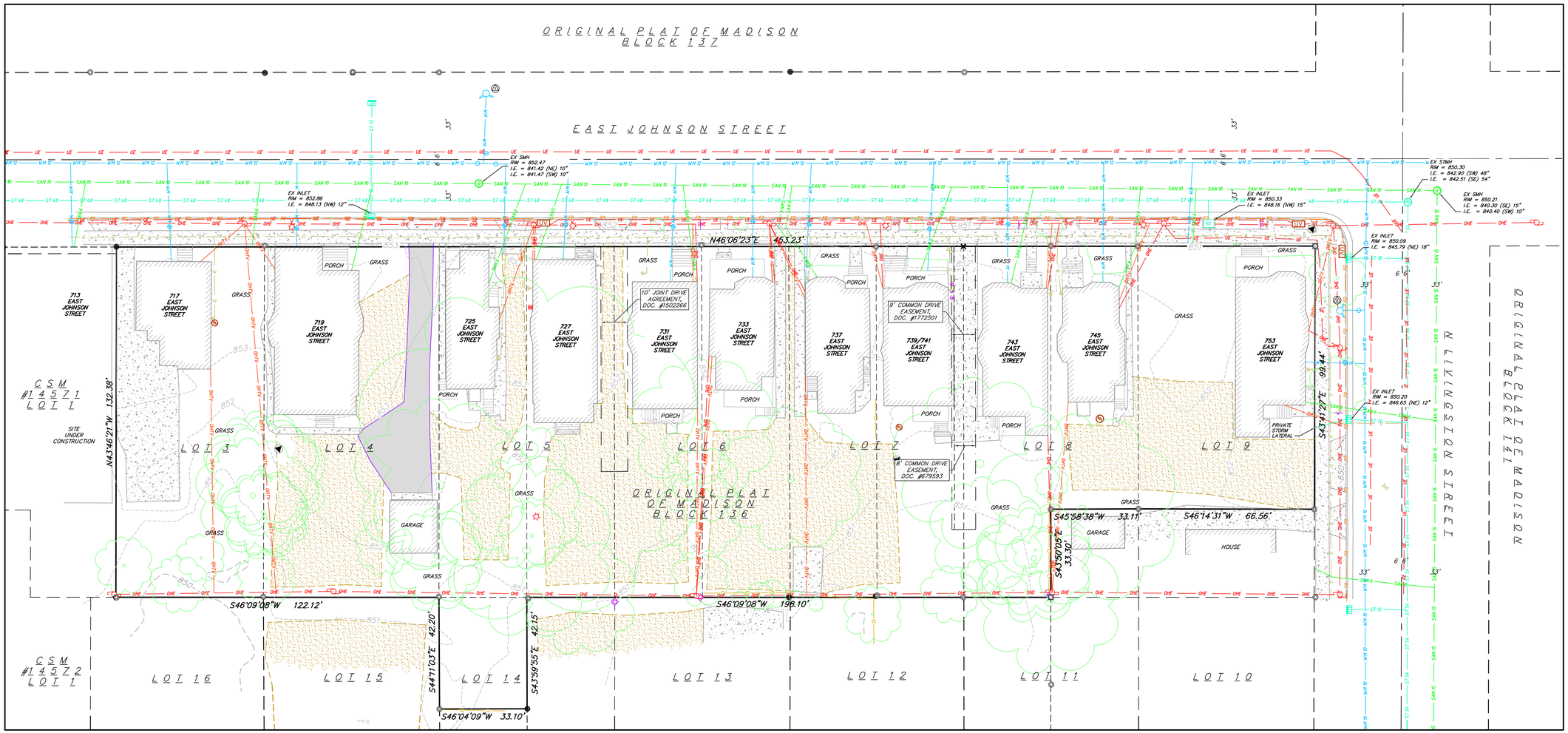
BEARINGS ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM, DANE COUNTY, WISCONSIN. THE SOUTHEASTERLY RIGHT-OF-WAY LINE OF EAST JOHNSON STREET MEASURED AS BEARING N46°06'23"E

GRAPHIC SCALE FEET
0 10 20 40

## SURVEY LEGEND

- FOUND 1 1/4" ø IRON ROD
- FOUND 3/4" ø IRON ROD
- FOUND CHISELED "X"
- FOUND 1" ø IRON PIPE
- SET 3/4"ø x 18" SOLID IRON RE-ROD, WT. 1.50 lbs./ft. MIN.

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Revisions

| Date | Description |
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SCOPE DOCUMENTS

Drawing Date
01/31/2018

700 E JOHNSON ST

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Project No. 700 EAST LLC
217014.00

Sheet Title
EXISTING CONDITIONS

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C-1.0

30 Jan 2018 - 4:58p M:\select publishing\170109_700 east johnson st, madison\cadd\170109_Existing Conditions.dwg by: arnea

## TOPOGRAPHIC SYMBOL LEGEND

- EXISTING SIGN
- EXISTING CURB INLET
- EXISTING FIELD INLET
- EXISTING STORM MANHOLE
- EXISTING SANITARY MANHOLE
- EXISTING FIRE HYDRANT
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- EXISTING MINOR CONTOUR
- EXISTING PROPERTY LINE
- PROPERTY BOUNDARY
- ADJOINER PROPERTY

## TOPOGRAPHIC HATCHING LEGEND

- CONCRETE PAVEMENT/SIDEWALK/PAD
- ASPHALT PAVEMENT
- GRAVEL
- EXISTING BUILDING

## DEMOLITION PLAN LEGEND

- ASPHALT REMOVAL
- CONCRETE REMOVAL
- GRAVEL REMOVAL
- BUILDING REMOVAL
- TREE REMOVAL
- SAWCUT
- UTILITY STRUCTURE REMOVAL
- UTILITY LINE REMOVAL

GRAPHIC SCALE FEET

0 10 20 40

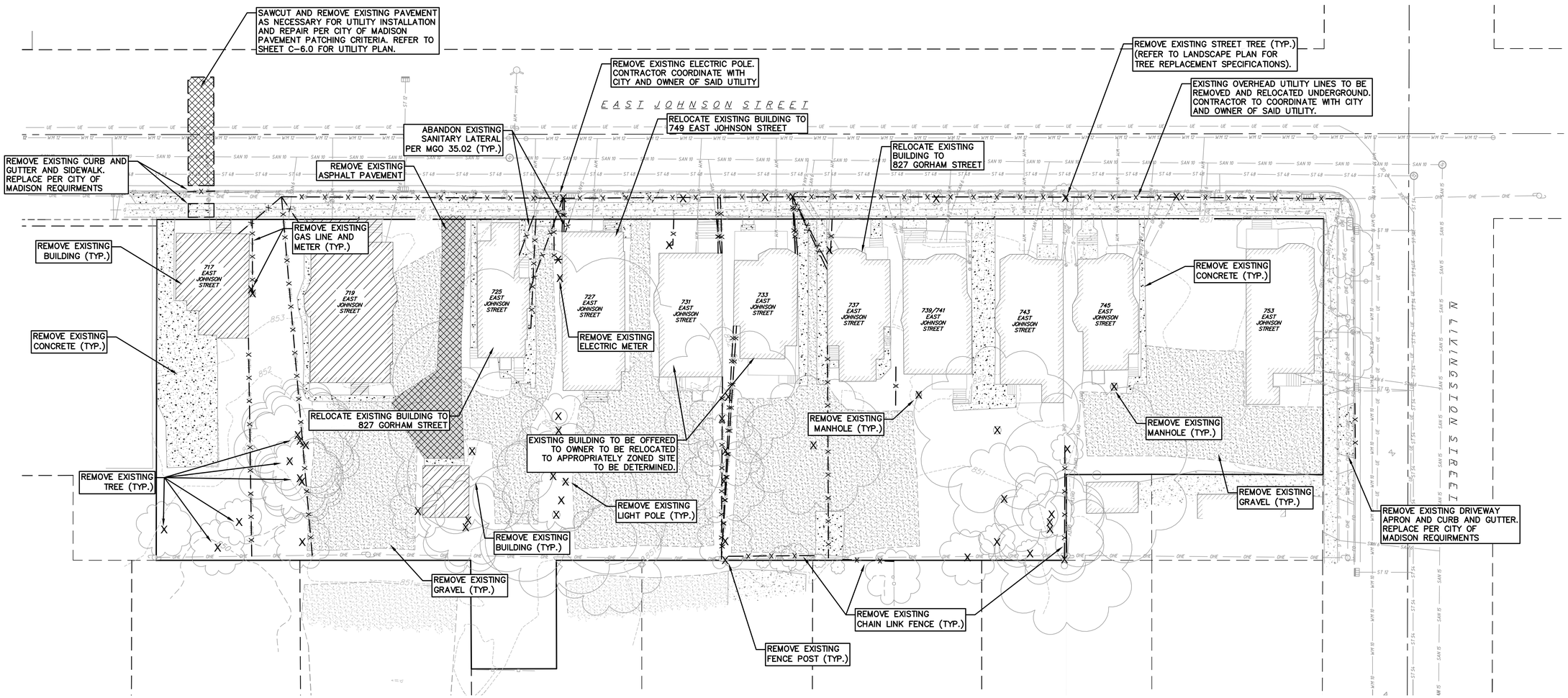
GENERAL NOTES:

1. THE LOCATION OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THE PLANS HAS BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND IS GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE OWNER AND THE ENGINEER DO NOT ASSUME RESPONSIBILITY IN THE EVENT THAT DURING CONSTRUCTION, UTILITIES OTHER THAN THOSE SHOWN MAY BE ENCOUNTERED, AND THAT THE ACTUAL LOCATION OF THOSE WHICH ARE SHOWN MAY BE DIFFERENT FROM THE LOCATION AS SHOWN ON THE PLANS.
2. CONTRACTOR SHALL KEEP ALL STREETS FREE AND CLEAR OF CONSTRUCTION RELATED DIRT/DUST/DEBRIS.

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01/31/2018

# 700 E JOHNSON ST

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Project No. 700 EAST LLC
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DEMOLITION PLAN

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Vierbicher Project No.: 107109

SITE CONSTRUCTION NOTES:

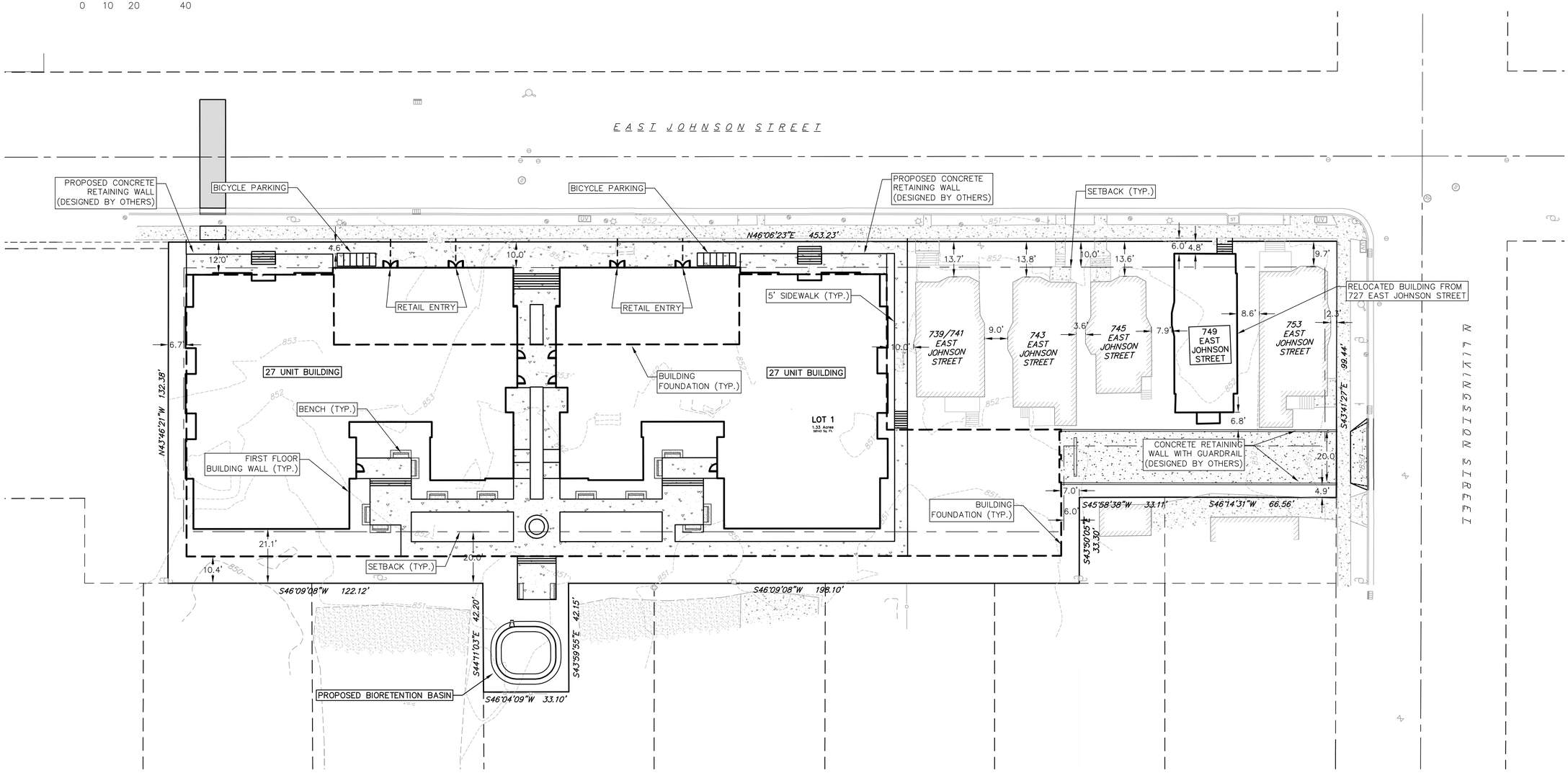
1. CONCRETE SIDEWALK TO BE 5" THICK, CONSTRUCTED ON A BASE OF 4" COMPACTED SAND OR CRUSHED STONE.
2. CONTRACTOR TO OBTAIN ANY NECESSARY UTILITY CONNECTION, DEMOLITION, OR RIGHT-OF-WAY PERMITS.
3. CONTRACTOR SHALL OBTAIN ANY NECESSARY DRIVEWAY CONNECTION, WORK IN RIGHT-OF-WAY AND EXCAVATION PERMITS PRIOR TO CONSTRUCTION.
4. ANY SIDEWALK AND CURB & GUTTER ABUTTING THE PROPERTY SHALL BE REPLACED IF IT IS DAMAGED DURING CONSTRUCTION OR IF THE CITY ENGINEERING DEPARTMENT DETERMINES THAT IT IS NOT AT A DESIRABLE GRADE, REGARDLESS OF WHETHER THE CONDITION EXISTED PRIOR TO BEGINNING CONSTRUCTION.
5. ALL WORK IN THE PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED BY A CITY-LICENSED CONTRACTOR.

SITE PLAN LEGEND

- PROPERTY BOUNDARY
- CURB AND GUTTER
- ACCESSIBLE ROUTE
- PROPOSED CONCRETE
- PROPOSED ASPHALT
- PROPOSED GRAVEL

| LAND USE SUMMARY | |
|---|---|
| EXISTING HOUSING TO REMAIN ON SITE | 5 HOUSES, 13 UNITS |
| NEW RESIDENTIAL | 57,600 GSF, 54 UNITS |
| TOTAL HOUSING UNITS | 67 UNITS |
| NEW PARKING | 29,500 GSF, 67 STALLS |
| LOT SIZE | 1.33 ACRES |
| LOT COVERAGE | 29,115 SF |
| USEABLE OPEN SPACE | 23,010 SF |

GRAPHIC SCALE FEET
0 10 20 40




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Sheet Title
SITE PLAN


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0 10 20 40

GRADING LEGEND

| | |
|---|---|
| — 820 — | EXISTING MAJOR CONTOURS |
| — 818 — | EXISTING MINOR CONTOURS |
| 820 | PROPOSED MAJOR CONTOURS |
| 818 | PROPOSED MINOR CONTOURS |
| ⟹ | DRAINAGE DIRECTION |
| 2.92% | PROPOSED SLOPE ARROWS |
| 1048.61 | EXISTING SPOT ELEVATIONS |
| 1048.61 | PROPOSED SPOT ELEVATIONS |
| | DISTURBED LIMITS |

ABBREVIATIONS

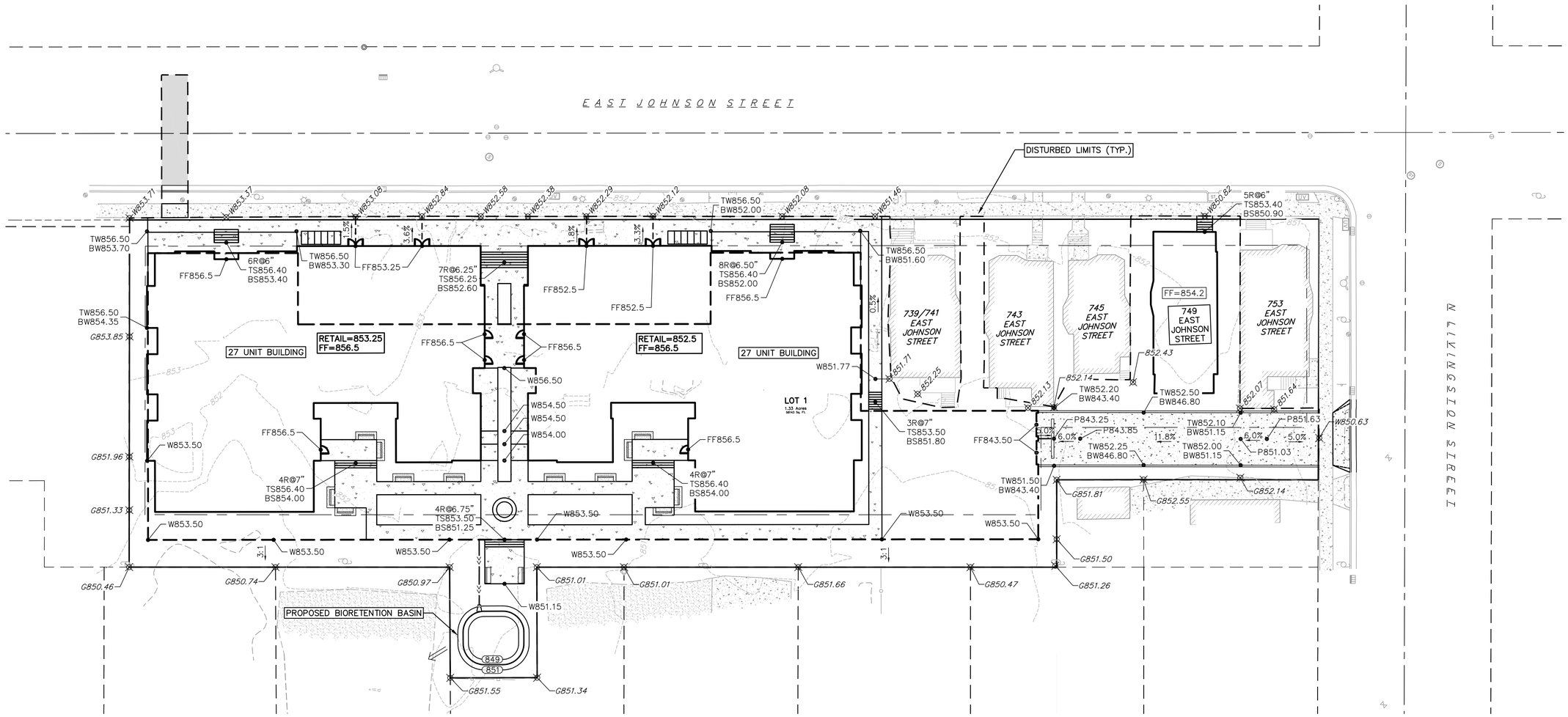
FF – FINISHED FLOOR
W – TOP OF WALK
TW – TOP OF WALL
BW – BOTTOM OF WALL
R – RISER
TS – TOP OF STEP
BS – BOTTOM OF STEP
G – GROUND

GRADING PLAN/SITE CONSTRUCTION NOTES:

1. CONCRETE SIDEWALK TO BE 5" THICK, CONSTRUCTED ON A BASE OF 4" COMPACTED SAND OR CRUSHED STONE.
2. CONTRACTOR TO OBTAIN ANY NECESSARY UTILITY CONNECTION, DEMOLITION, DRIVEWAY CONNECTION, RIGHT-OF-WAY AND EXCAVATION PERMITS PRIOR TO CONSTRUCTION.
3. ANY SIDEWALK AND CURB & GUTTER ABUTTING THE PROPERTY SHALL BE REPLACED IF IT IS DAMAGED DURING CONSTRUCTION OR IF THE CITY ENGINEERING DEPARTMENT DETERMINES THAT IT IS NOT AT A DESIRABLE GRADE, REGARDLESS OF WHETHER THE CONDITION EXISTED PRIOR TO BEGINNING CONSTRUCTION.
4. ADA REQUIREMENTS SPECIFY PARKING STALLS SLOPE MUST BE LESS THAN 2% IN ANY DIRECTION. ADA WALKWAYS MUST NOT EXCEED 5% SLOPE IN LONGITUDINAL DIRECTION WITHOUT A RAILING AND 8.3% WITH A RAILING. THE CROSS SECTION SLOPE OF AN ADA WALKWAY MUST NOT EXCEED 1.5% SLOPE.
5. TYPICAL SIDEWALK CROSS SECTION IS 1.5% SLOPE. THIS APPLIES TO ALL WALKWAYS IN THIS PLAN UNLESS OTHERWISE NOTED.

RIGHT-OF-WAY WORK:

1. THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANYTIME PER THE RECCOMENDATION/PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPTS.




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GRADING PLAN

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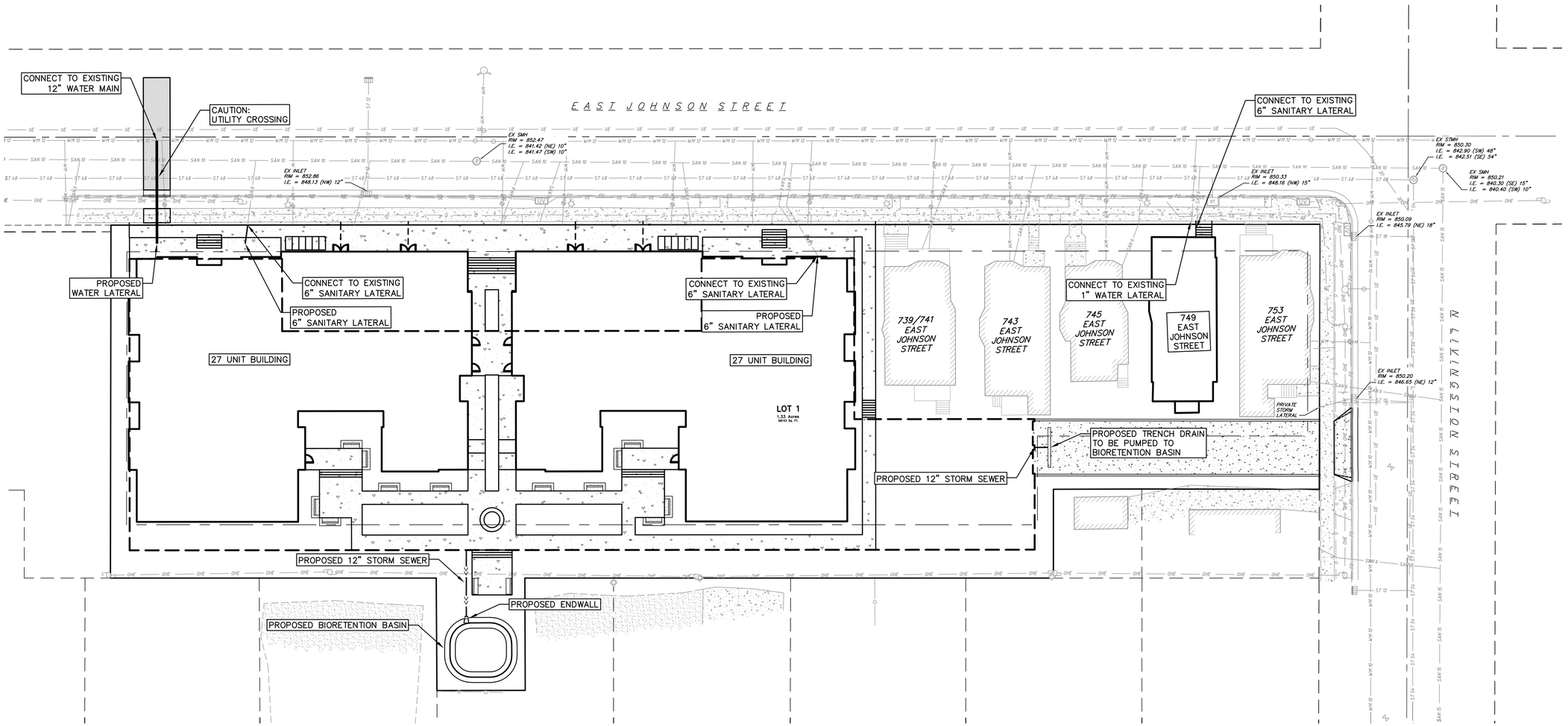
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0 10 20 40

PROPOSED UTILITY LEGEND
- STORM SEWER PIPE
- STORM SEWER ENDWALL
- SANITARY SEWER LATERAL PIPE
- WATER SERVICE LATERAL PIPE
- WATER VALVE

UTILITY NOTES:

1. PRIVATE WATER MAIN AND SERVICES SHALL BE DUCTILE IRON (AWWA C-151, CLASS 52) OR APPROVED EQUAL MATERIAL THAT CONFORMS TO COMM 84.30(4)(d).
2. PRIVATE SANITARY SEWER AND LATERALS SHALL BE POLYVINYL CHLORIDE (PVC) ASTM D3034 – SDR 35 OR APPROVED EQUAL MATERIAL THAT CONFORMS TO COMM 84.30(2)(c).
3. A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NON METALLIC SEWERS/MAINS AND WATER SERVICES/MAINS MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED PER COMM 82.10(11)(h) AND COMM 82.40(8)(k).
4. EXTERIOR WATER SUPPLY PIPING SETBACKS AND CROSSINGS SHALL BE IN ACCORDANCE WITH COMM 82.40(8)(b.).
5. NO PERSON MAY ENGAGE IN WORK AT PLUMBING IN THE STATE UNLESS LICENSED TO DO SO BY THE DEPARTMENT OF COMMERCE PER S.145.06.
6. SITE CONTRACTOR SHALL LEAVE SANITARY AND WATER LATERALS FIVE (5) FEET SHORT (HORIZONTALLY) FROM THE BUILDING. BUILDING PLUMBER SHALL VERIFY SIZE AND EXACT LOCATION OF PROPOSED SANITARY AND WATER LATERALS.
7. CONTRACTOR SHALL FIELD VERIFY THE SIZE, TYPE, LOCATION, AND ELEVATION OF EXISTING UTILITIES PRIOR TO INSTALLING ANY ON-SITE UTILITIES OR STRUCTURES. CONTACT ENGINEER PRIOR TO INSTALLATION IF DISCREPANCY EXISTS WITHIN THESE PLANS.
8. PROPOSED UTILITY SERVICE LINES AS SHOWN ARE APPROXIMATE. COORDINATE THE EXACT LOCATIONS WITH THE PLUMBING DRAWINGS. COORDINATE THE LOCATIONS WITH THE PLUMBING CONTRACTOR AND/OR OWNER'S CONSTRUCTION REPRESENTATIVE PRIOR TO INSTALLATION OF ANY NEW UTILITIES.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF ANY UTILITIES ENCOUNTERED AND REPLACEMENT OF ANY UTILITIES DAMAGED WITHIN INFLUENCE ZONE OF NEW CONSTRUCTION. CONTACT ENGINEER IF THE EXISTING UTILITIES VARY APPRECIABLY FROM THE PLANS.
10. ALL WATER MAIN AND SERVICES SHALL BE INSTALLED AT A MINIMUM DEPTH OF 6.5' FROM TOP OF FINISHED GROUND ELEVATION TO TOP OF MAIN.
11. CLEAN OUT ALL EXISTING AND PROPOSED STORM INLETS AND CATCH BASINS AT THE COMPLETION OF CONSTRUCTION.
12. CONTRACTOR SHALL OBTAIN ANY NECESSARY WORK IN RIGHT-OF WAY, EXCAVATION, UTILITY CONNECTION, PLUGGING, ABANDONMENT, AND DRIVEWAY CONNECTION PERMITS PRIOR TO CONSTRUCTION.
13. THE DEVELOPER SHALL INSTALL THE 3M™ ELECTRONIC MARKER SYSTEM (EMS) 4" EXTENDED RANGE 5' BALL MARKERS-WASTEWATER (MODEL #1404-XR) FOR EACH SANITARY AND STORM SEWER LATERALS. THE CITY SHALL SUPPLY ALL THE REQUIRED MARKERS TO THE DEVELOPER OR ITS CONTRACTOR (GENERALLY REQUIRES 2 PER LATERAL) AND THE CONTRACTOR SHALL INSTALL THEM PER THE MANUFACTURER'S REQUIREMENTS OR AS DIRECTED BY THE CITY ENGINEER.
14. ALL WORK IN THE PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED BY A CITY-LICENSED CONTRACTOR.
15. ALL DAMAGE TO PAVEMENT ADJACENT TO THIS DEVELOPMENT SHALL BE RESTORED IN ACCORDANCE WITH THE CITY'S PAVEMENT PATCHING CRITERIA.
16. CONTRACTOR SHALL REPLACE ALL SIDEWALK AND CURB AND GUTTER ABUTTING THE PROPERTY, WHICH IS DAMAGED BY THE CONSTRUCTION, OR ANY SIDEWALK AND CURB AND GUTTER THAT THE CITY ENGINEER DETERMINES NEEDS TO BE REPLACED BECAUSE IT IS NOT AT A DESIRABLE GRADE REGARDLESS OF WHETHER THE CONDITION EXISTED PRIOR TO BEGINNING CONSTRUCTION.




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Revisions

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Schematic Design

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UTILITY PLAN

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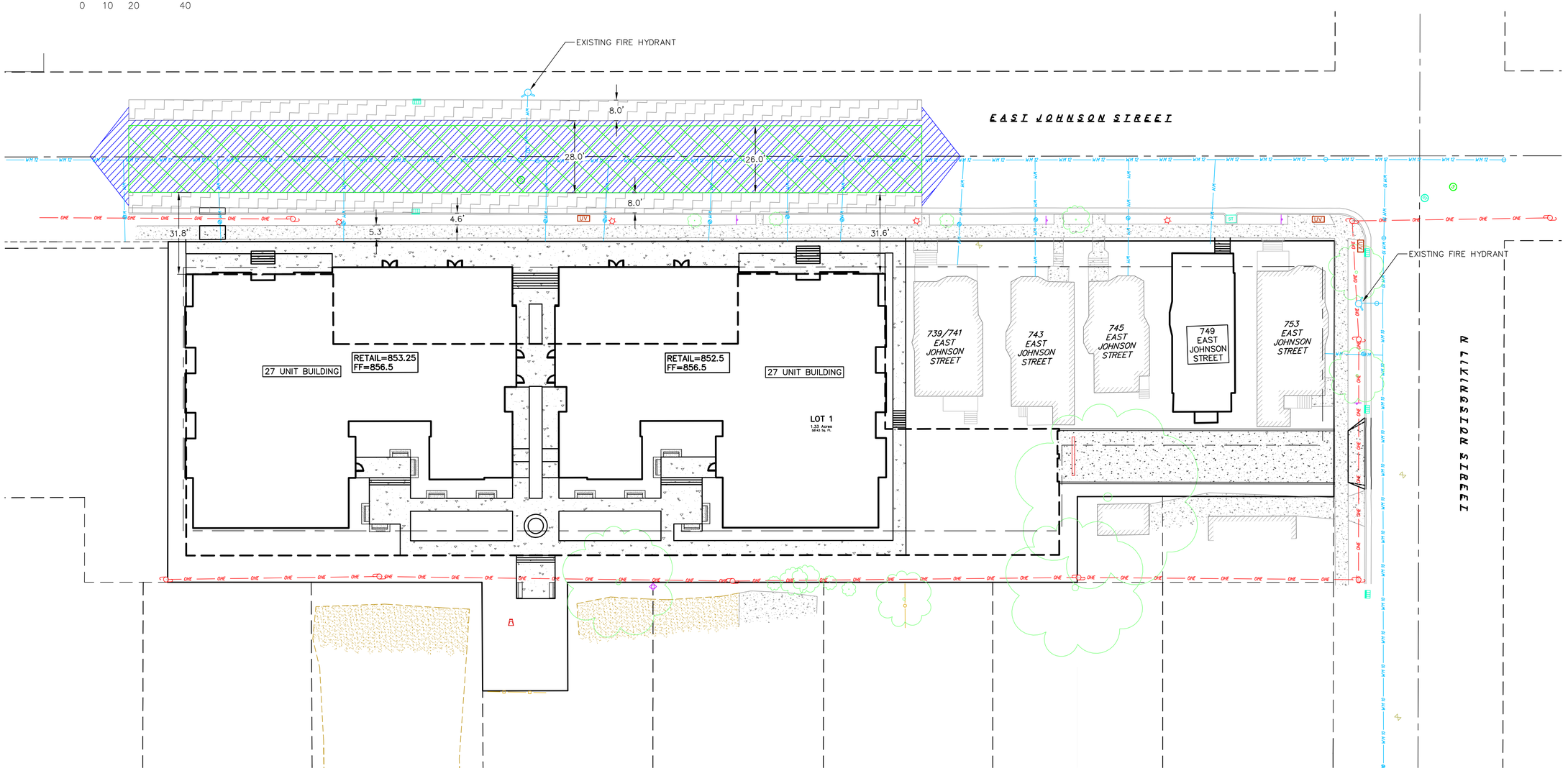
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Vierbicher Project No.: 107109

SITE PLAN LEGEND

- PROPERTY BOUNDARY
- CURB AND GUTTER
- PROPOSED CONCRETE
- FIRE ACCESS LANE (20' MIN)
- 26' FIRE APPARATUS LANE
- PARALLEL PARKING AREA (8' WIDE)
- EXISTING DECIDUOUS TREE

GRAPHIC SCALE FEET
0 10 20 40




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Sheet Title
FIRE ACCESS PLAN

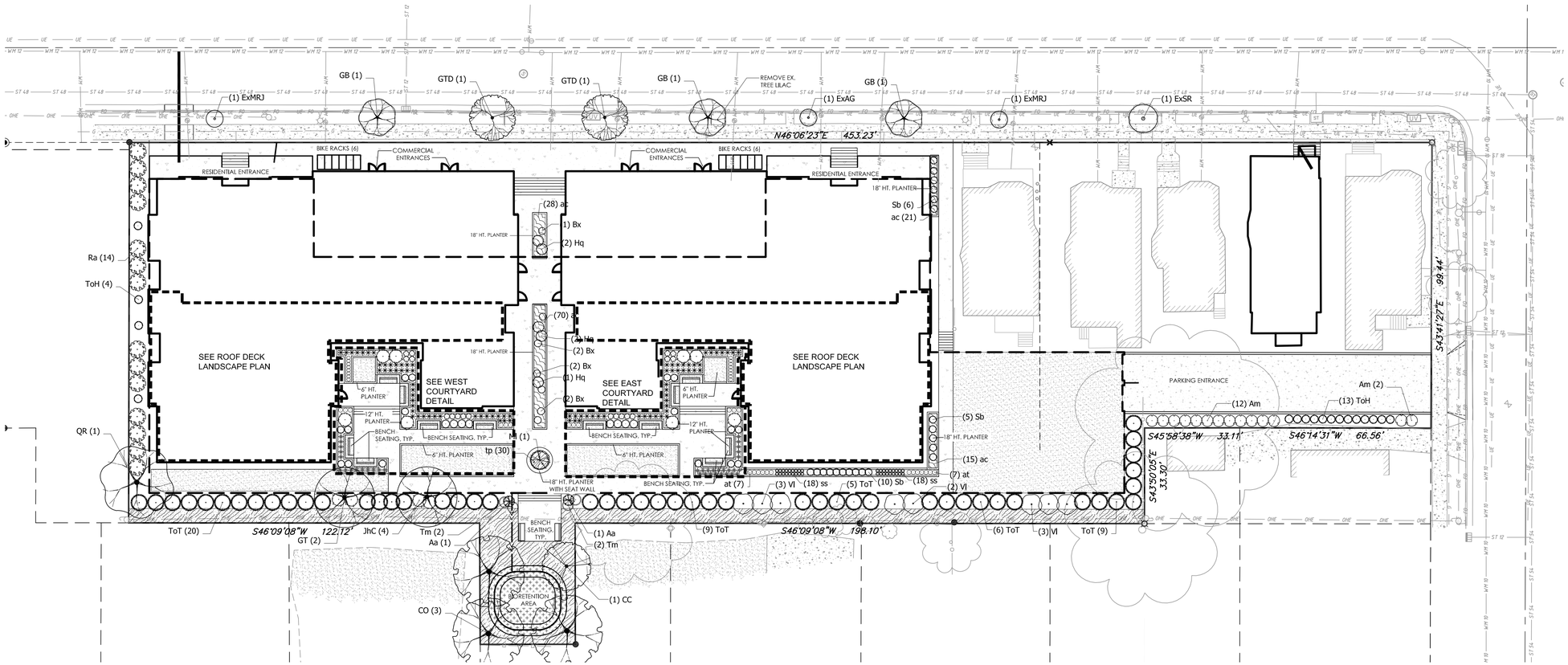
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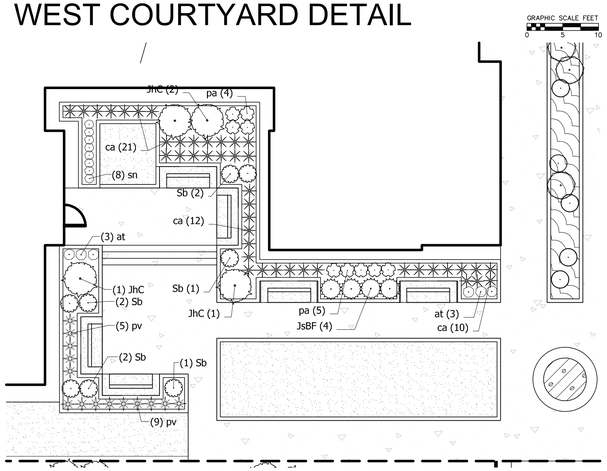
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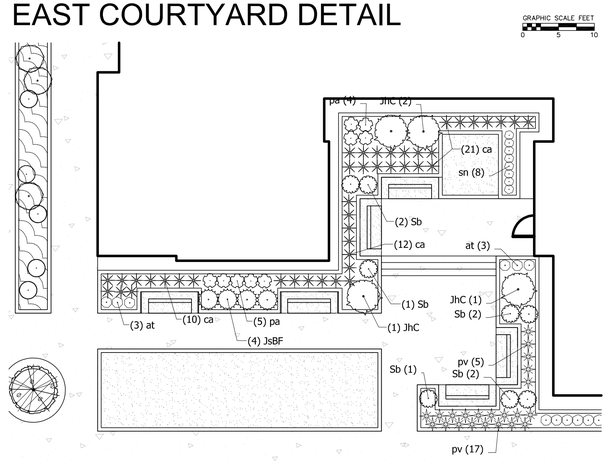
# OVERALL SITE LANDSCAPE




# WEST COURTYARD DETAIL




# EAST COURTYARD DETAIL




## PLANT SCHEDULE

| DECIDUOUS TREES | BOTANICAL NAME / COMMON NAME | CONT | CAL | SIZE | QTY |
|---|---|---|---|---|---|
| CO | Celtis occidentalis / Common Hackberry | B & B | 2.5"Cal | | 3 |
| GT | Gleditsia triacanthos inermis `Harve` TM / Northern Acclaim Thornless Honey Locust | B & B | 2"Cal | | 2 |
| QR | Quercus rubra / Red Oak | B & B | 2.5"Cal | | 1 |

| EVERGREEN TREES | BOTANICAL NAME / COMMON NAME | CONT | CAL | SIZE | QTY |
|---|---|---|---|---|---|
| ToT | Thuja occidentalis `Bail John` / Technito Arborvitae | B & B | | 5` ht. | 49 |
| ToH | Thuja occidentalis `Holmstrup` / Holmstrup Cedar | B & B | | 6` ht. | 17 |

| EXISTING TREES | BOTANICAL NAME / COMMON NAME | CONT | CAL | SIZE | QTY |
|---|---|---|---|---|---|
| ExAG | Amelanchier x grandiflora / Apple Serviceberry | Existing | 2"Cal | | 1 |
| ExMRJ | Malus x `Red Jewel` / Crab Apple | Existing | 2"Cal | | 2 |
| ExSR | Syringa reticulata / Japanese Tree Lilac | Existing | 4"Cal | | 1 |

| STREET TREES | BOTANICAL NAME / COMMON NAME | CONT | CAL | SIZE | QTY |
|---|---|---|---|---|---|
| GB | Ginkgo biloba `Princeton Sentry` / Princeton Sentry Ginkgo | B & B | 2.5"Cal | | 3 |
| GTD | Gleditsia triacanthos `Draves` / Street Keeper Honey Locust | B & B | 2.5"Cal | | 2 |

| UNDERSTORY TREES | BOTANICAL NAME / COMMON NAME | CONT | CAL | SIZE | QTY |
|---|---|---|---|---|---|
| Aa | Amelanchier alnifolia `Obelisk` / Standing Ovation Serviceberry | B & B | 1.5"Cal | | 2 |
| CC | Carpinus caroliniana / American Hornbeam | B & B | 1.5"Cal | | 1 |
| Ml | Malus x `Lancelot` TM / Lancelot Crab Apple | 10 gal | 1"Cal | | 1 |

| SHRUBS | BOTANICAL NAME / COMMON NAME | SIZE | FIELD2 | FIELD3 | QTY |
|---|---|---|---|---|---|
| Am | Aronia melanocarpa elata / Glossy Black Chokeberry | 5 gal | Cont | | 14 |
| Hq | Hydrangea quercifolia `Ruby Slippers` / Ruby Slippers Hydrangea | 3 gal | Cont | | 5 |
| Ra | Rhus aromatica `Gro-Low` / Gro-Low Fragrant Sumac | 3 gal | Cont | | 15 |
| Sb | Spiraea betulifolia `Tor` / Birchleaf Spirea | 3 gal | Cont | | 37 |
| Vl | Viburnum lentago / Nannyberry Viburnum | 7 gal | Cont | | 8 |

| ANNUALS/PERENNIALS | BOTANICAL NAME / COMMON NAME | SIZE | FIELD2 | FIELD3 | QTY |
|---|---|---|---|---|---|
| at | Amsonia tabernaemontana `Blue Ice` / Blue Ice Star Flower | 1 gal | Cont | | 26 |
| ca | Calamagrostis x acutiflora `Karl Foerster` / Feather Reed Grass | 1 gal | Cont | | 188 |
| ls | Liatris spicata `Kobold` / Spike Gayfeather | 4" pot | Cont | | 50 |
| pv | Panicum virgatum `Heavy Metal` / Blue Switch Grass | 1 gal | Cont | | 36 |
| pa | Perovskia atriplicifolia `Little Spire` TM / Little Spire Russian Sage | 4" pot | Cont | | 18 |
| sn | Salvia nemorosa `Blue Hill` / Woodland Sage | 1 gal | Cont | | 34 |
| ss | Schizachyrium scoparium / Little Bluestem Grass | 1 gal | Cont | | 382 |
| sh | Sporobolus heterolepis `Tara` / Prairie Dropseed | 1 gal | Cont | | 230 |

| EVERGREEN SHRUBS | BOTANICAL NAME / COMMON NAME | SIZE | FIELD2 | FIELD3 | QTY |
|---|---|---|---|---|---|
| Bx | Buxus x `Green Mound` / Green Mound Boxwood | 5 gal | Cont | | 7 |
| JhC | Juniperus horizontalis `Compacta` / Andorra Compact Juniper | 3 gal | Cont | | 12 |
| JsBF | Juniperus sabina `Blue Forest` / Blue Forest Juniper | 3 gal | 4" ht. | | 8 |
| Tm | Taxus x media `Everlow` / Yew | 5 gal | Cont | | 4 |

| GROUND COVERS | BOTANICAL NAME / COMMON NAME | CONT | FIELD2 | FIELD3 | SPACING | QTY |
|---|---|---|---|---|---|---|
| ac | Asarum canadense / Canadian Wild Ginger | flat | 2" pot | | 18" o.c. | 134 |
| tp | Thymus praecox `Purple Carpet` / Purple Carpet Creeping Thyme | flat | 2" pot | | 12" o.c. | 30 |

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Revisions

| Date | Description |
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SCOPE DOCUMENTS

Drawing Date
01/31/2018

700 E JOHNSON ST

700 E JOHNSON ST
MADISON, WI 53703

Project No. 700 EAST LLC
217014.00

Sheet Title

LANDSCAPE PLAN

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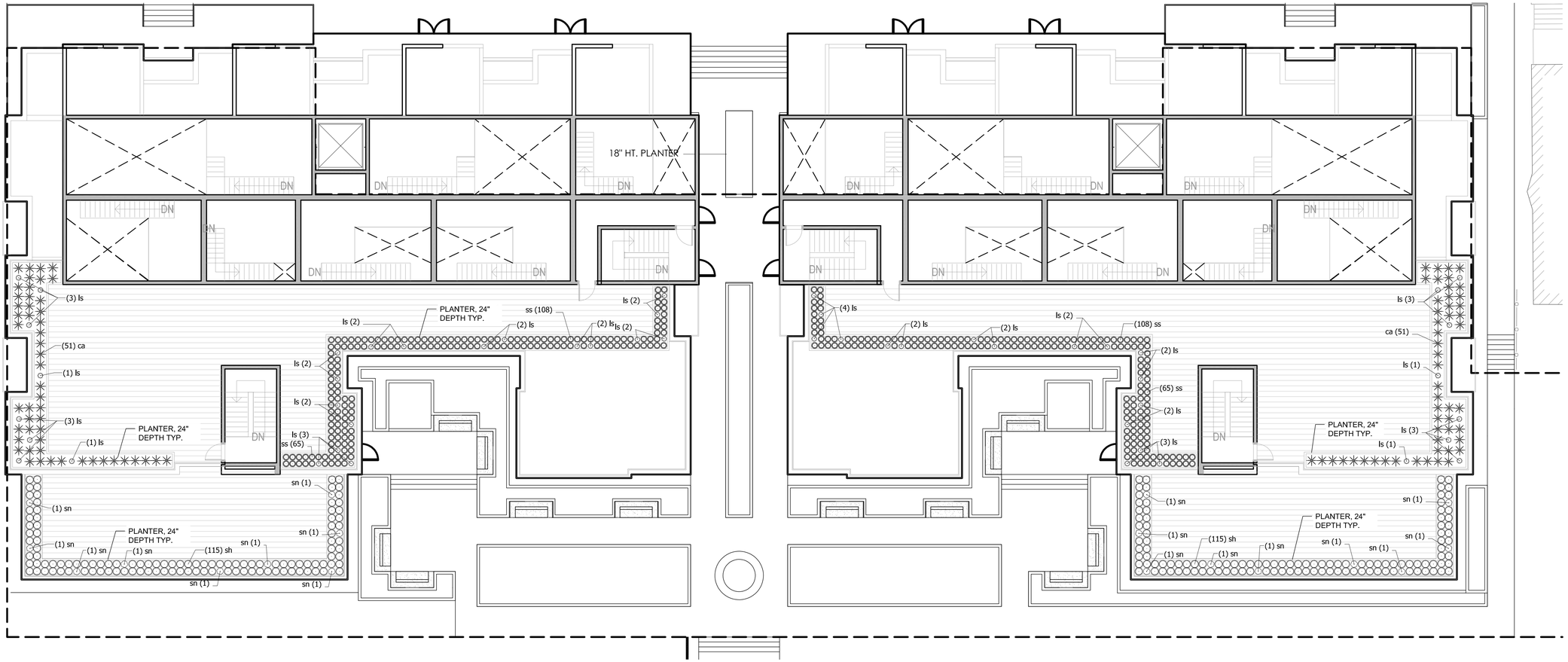
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Vierbicher Project No.: 107109




## PLANT SCHEDULE ROOF DECK (QUANTITIES ON L1.0)

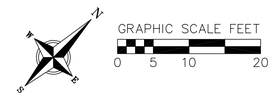
| ANNUALS/PERENNIALS | BOTANICAL NAME / COMMON NAME |
|---|---|
| ca | Calamagrostis x acutiflora `Karl Foerster` / Feather Reed Grass |
| ls | Liatris spicata `Kobold` / Spike Gayfeather |
| sn | Salvia nemorosa `Blue Hill` / Woodland Sage |
| ss | Schizachyrium scoparium / Little Bluestem Grass |
| sh | Sporobolus heterolepis `Tara` / Prairie Dropseed |

## SEED/PLUG SCHEDULE

| | | | |
|---|---|---|---|
| | TURF GRASS SOD | 4,327 sf | |
| | Festuca rubra rubra / Creeping Red Fescue | 1,082 sf | 25% - sod |
| | Lolium perenne / Perennial Ryegrass | 1,082 sf | 25% - sod |
| | Poa pratensis / Kentucky Bluegrass | 2,164 sf | 50% - sod |
| | BIO RETENTION BASIN PLUG PLANTING | 576 sf | |
| | Asclepias incarnata / Swamp Milkweed | 60 | 10% flat 12" oc |
| | Carex comosa / Bottlebrush Sedge | 60 | 10% flat 12" oc |
| | Carex cristatella / Crested Oval Sedge | 60 | 10% flat 12" oc |
| | Coreopsis tripteris / Tall Coreopsis | 60 | 10% flat 12" oc |
| | Elymus virginicus / Virginia Wild Rye | 60 | 10% flat 12" oc |
| | Iris virginica / Blue Flag Iris | 60 | 10% flat 12" oc |
| | Lobelia cardinalis / Cardinal Flower | 60 | 10% flat 12" oc |
| | Rudbeckia triloba / Browneyed Susan | 60 | 10% flat 12" oc |
| | NO MOW LAWN SEEDI | 3,013 sf | |
| | - | | 100% - |

**GENERAL NOTES:**

**1**. All plantings shall conform to quality requirements as per ANSI Z60.1.
**2**. All plant material shall be true to the species, variety and size specified, nursery grown in accordance with good horticultural practices, and under climactic conditions similar to those of the project site.
**3**. Contact Landscape Architect, in writing, to request and plant material substitutions due to availability issues.
**4**. All disturbed areas, unless otherwise noted, to be seeded with Madison Parks Mix by Olds Seed Company or equivalent, per manufacturer's specified application rates. All seeded areas are to be watered daily to maintain adequate soil moisture for proper germination. After vigorous growth is established, apply ½" water twice weekly until final acceptance.
**5**. All plants shall be guaranteed to be in healthy and flourishing condition during the growing season following installation. All plant material shall be guaranteed for one year from the time of installation.
**6**. Contractor shall provide a suitable amended topsoil blend for all planting areas where soil conditions are unsuitable for plant growth. Topsoil shall conform to quality requirements as per Section 625.2(1) of the Standard Specifications for Highway Construction. Provide a minimum of 12" of topsoil in all planting areas and 6" of topsoil in areas to be seeded/sodded.
**7**. Landscape beds to be mulched with undyed shredded hardwood bark mulch to 3" depth min.
**8**. Edge beds with commercial grade aluminum landscape edging.
**9**. Provide 24" stone maintenance strip around building. Mulch with ¾" washed stone to 3" depth min. over weed barrier fabric. Extend to adjacent paving where no plantings are shown.
**10**. Final street tree species & locations to be developed in coordination with City Forester/Fire and final street design/terrace width.
**11**. Protection of Existing Street Trees: Contractor shall install tree protection fencing in the area between the curb and sidewalk and extend it at least 5 feet from both sides of the tree along the length of the terrace. No excavation is permitted within 5 feet of the outside edge of a tree trunk. If excavation within 5 feet of any street tree is necessary, contractor shall contact City Forestry (266.4816) prior to excavation to assess the impact to the tree and root system. Tree pruning/removal shall be coordinated with City Forestry prior to the start of construction. Tree protection specifications can be found in section 107.13 of City of Madison Standard Specifications for Public Works Consfruclion: http://www.cityofmadison.com/business/pw/documents/stdspecs/2013/partl.pdf. Any tree removals that are required for construction after the development plan is approved will require al least a 72 hour wait period before a tree removal permit can be issued by forestry, to notify the alder of the change in the tree plan.




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ROOF DECK
LANDSCAPE PLAN

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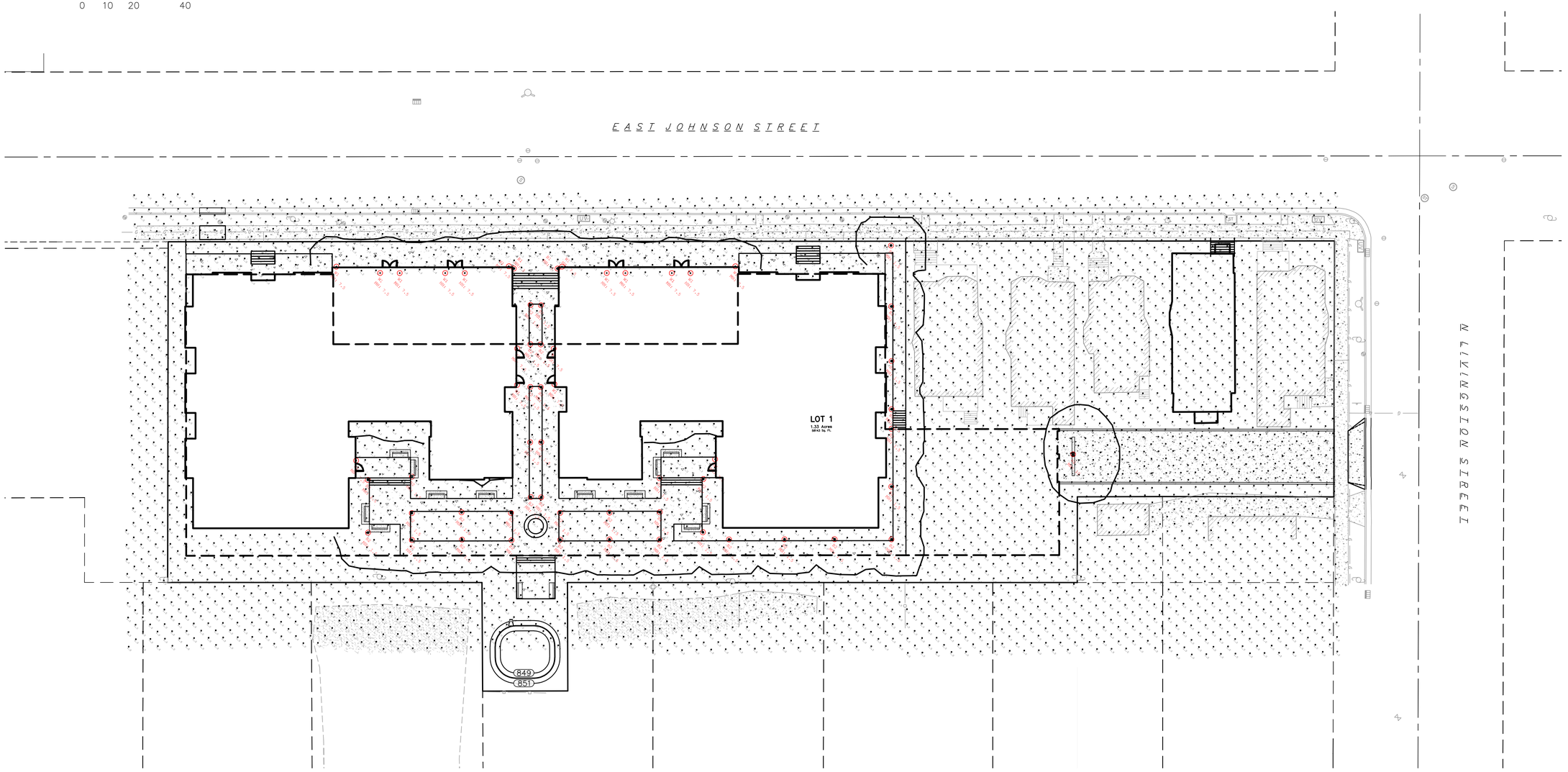
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Vierbicher Project No.: 107109

| Luminaire Schedule | | | | | | | |
|---|---|---|---|---|---|---|---|
| Symbol | Qty | Tag | Label | Description | Lum. Watts | Lum. Lumens | LLF |
| | 2 | B1 | PWY-EDG-5M-xx-02-E-UL-350-40K_A | PWY-EDG-5M-xx-02-E-UL-350-40K _ 36 INCH HEIGHT | 21.3 | 1779 | 0.900 |
| | 38 | B2 | PWY-EDG-5M-xx-02-E-UL-350-40K_B | PWY-EDG-5M-xx-02-E-UL-350-40K _ 18 INCH HEIGHT | 21.3 | 1779 | 0.900 |
| | 18 | W1 | W1_LACYN-120-L07-27K-CR80-W-R | LACYN-A-L07-27K-CR80-CR80-RD-WH-DA1-NA | 8.5 | 633 | 0.900 |
| | 1 | W2 | W2_LDWP-FC-3B-ED-7040 | LDWP-FC-3B-ED-7040 | 27.2 | 1884 | 0.900 |

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LIGHTING PLAN

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Sheet No.
E-1.0

# Cree Edge™ Series

LED Pathway Luminaire

## Product Description

Durable die-cast aluminum luminaire housing mounts directly to 4" (102mm) diameter pole (included) without visible mounting hardware for clean appearance. Pole mounts to rugged die cast aluminum internal flange secured by three 3/8" - 16x6" anchor bolts with 1-1/4" hook(provided). **Note:** T45 Torx 3/8" socket required for head installation. Top mounted LEDs for superior optical performance and light control.
**Applications:** Landscape, walk-ways and general site lighting

## Performance Summary

Patented NanoOptic® Product Technology

Made in the U.S.A. of U.S. and imported parts

**CRI:** Minimum 70 CRI

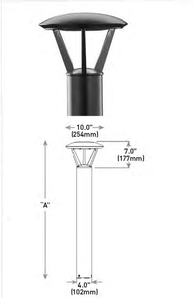
**CCT:** 4000K (+/- 300K), 5700K (+/- 500K) standard

**Limited Warranty**[1]. 10 years on luminaire/10 years on Colorfast DeltaGuard® finish

[1] See http://lighting.cree.com/warranty for warranty terms

## Accessories

| Field-Installed | |
|---|---|
| **Upgrade Kit**<br>- Used for replacement of existing bollards with a bolt hole circle of 5.75" (146mm) | |
| XA-XBPSRSV | XA-XBPRWH |
| XA-XBPERBK | XA-XBPERBZ |




| Model | Dim. "A" | Weight* |
|---|---|---|
| Landscape (PS) | 11" (279mm) | 12.7 lbs. (5.8kg) |
| Landscape (P1) | 18" (457mm) | 13.3 lbs. (6.1kg) |
| Pathway (P3) | 36" (914mm) | 17.9 lbs. (8.1kg) |
| Pathway (P4) | 42" (1068mm) | 18.6 lbs. (8.4kg) |
| Pedestrian (P8) | 96" (2438mm) | 28.4 lbs (12.9kg) |

* Add 4.5 lbs. (2.0kg) for 347-480V

## Ordering Information

Example: PWY-EDG-2M-P0-02-E-UL-SV-350

| PWY-EDG | | | 02 | E | | | | |
|---|---|---|---|---|---|---|---|---|
| **Product** | **Optic** | **Mounting** | **LED Count (eX)** | **Series** | **Voltage** | **Color Options** | **Drive Current** | **Options** |
| PWY-EDG | **2M** Type II Medium<br>**3M** Type III Medium<br>**5M** Type V Medium<br>**5S** Type V Short | **P0** 13" (330mm) landscape<br>**P1** 18" (457mm) landscape<br>**P3** 36" (914mm) pathway<br>**P4** 42" (1067mm) pathway<br>**P8** 96" (2438mm) pedestrian | **02**<br>**12**<br>**27** | **E** | **UL** Universal 120-277V<br>**UH*** Universal 347-480V - Available with P3, P4, and P8 mounts only | **BK** Black<br>**BZ** Bronze<br>**SV** Silver<br>**WH** White | **350** 350mA<br>**525** 525mA - Available with P1, P3, P4, and P8 mounts only | **F** Fuse - When code dictates fusing, use time delay fuse - Refer to HL spec sheet for availability with ML options.<br>**HL** **HI/Low (Dual Circuit Input)** - Available with UL voltage and 525mA driver current only - Refer to HL spec sheet for details - Sensor not included<br>**TL** **Two-Level (175/525 w/integrated sensor control)** - Available with 12 or 27 voltages only - Refer to TL spec sheet for details<br>**TL2** **Two-Level (0/350 w/integrated sensor control)** - Available with 12 or 27 voltages only - Refer to TL spec sheet for details<br>**TL3** **Two-Level (0/525 w/integrated sensor control)** - Available with 12 or 27 voltages only - Refer to TL spec sheet for details<br>**WB** **Welded Base Plate** - Standard on P8 mount option, available with P3 and P4 mount - Includes welded base cover<br>**40K** **4000K Color Temperature** - Minimum 70 CRI - Color temperature per luminaire |

* 347-480V utilizes magnetic step-down transformer. For input power for 347-480V, refer to the Electrical Data table

Rev. Date: V5 08/11/2016

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Canada: www.cree.com/canada T (800) 473-1234 F (800) 890-7507

# Specification sheet

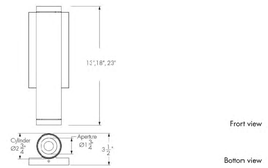
# lumenalpha cylinders

**Nano Wall Mount Direct**
LACYN

Client _____ Project name _____

Order# _____ Type _____ Qty _____



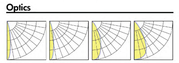

## Photometric Summary

**Based on Narrow Optic (nominal 20°), 4000K, CRI 80+**

| Nominal output [lm] | Delivered output [lm][1] | Power (120V) [W][2] | Efficacy [lm/W] | Power (277V) [W][2] | Efficacy [lm/W] |
|---|---|---|---|---|---|
| 700 | 784 | 9.5 | 83 | 11 | 71 |
| 1000 | 1,032 | 13 | 79 | 15 | 69 |
| 1300 | 1,404 | 15 | 94 | 17 | 83 |
| 2000 | 2,188 | 23 | 95 | 24 | 91 |

[1] Preliminary, consult website for latest IES files.
[2] Add 3 watts per fixture when specifying Lumamok™.

## Optics




## Control

Phase ON/OFF Dimming 0-10V PRO 0-10V DALI lumenTalk DMXrdm

## Rating

cULus RoHS

## Description

The Lumenalpha Cylinder Nano Wall Mount Direct is a high-performance LED luminaire that is ideal for commercial, residential or hospitality applications and delivers up to 2000 lumens from a 2.75 in diameter. The Nano Wall Mount comes in a number of finishes, or can be color-specified to fit your taste. Its accessories, beam angles, trims, and optics are easily and quickly changeable in the field.

## Features

| | |
|---|---|
| **Mounting** | Wall mount (ADA compliant) |
| **Light Direction** | Direct lighting |
| **Length** | 13 in, 18 in, 23 in |
| **Direct Lighting Output (nominal lumens)** | 700lm, 1000lm, 1300lm, 2000lm |
| **Direct Lighting Color Temperature** | 2200K, 2700K, 3000K, 3500K, 4000K |
| **Direct Lighting Optics (nominal distribution)** | Narrow spot 10°, Narrow 20°, Medium 40°, Wide 60° |
| **Optical Accessories** | Snoot, Half snoot, Clear glass lens, Softening glass lens , Linear spread lens narrow (1° x 40°), Linear spread lens wide (1° x 60°), Honeycomb louver, Decorative acrylic ring |
| **Warranty** | 5-year limited warranty |


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QS - R4



Cree Edge™ LED Pathway Luminaire

## Product Specifications

**CONSTRUCTION & MATERIALS**

- Durable die-cast aluminum luminaire housing mounts directly to 4" (102mm) diameter pole (included) without visible mounting hardware for clean appearance
- Pole mounts to rugged die cast aluminum internal flange secured by three 3/8"-16x6" anchor bolts with 1-1/4" hook(provided). **Note:** T45 Torx 3/8" socket required for head installation
- Top mounted LEDs for superior optical performance and light control
- Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultradurable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Black, bronze, silver and white are available
- **Weight:** See Dimension and Weight Chart on pages 1 and 4

**ELECTRICAL SYSTEM**

- **Input Voltage:** 120-277V or 347-480V, 50/60Hz, Class 1 drivers
- **Power Factor:** > 0.9 at full load at 120V
- **Total Harmonic Distortion:** < 20% at full load at 120V
- Integral 10kV surge suppression protection standard
- When code dictates fusing, a slow blow fuse or type C/D breaker should be used to address inrush current

**REGULATORY & VOLUNTARY QUALIFICATIONS**

- cULus Listed
- Suitable for wet locations
- 10kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2
- Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117
- Meets Buy American requirements within ARRA
- RoHS compliant. Consult factory for additional details

| Electrical Data* (A) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| LED Count (eX) | System Watts 120-277V | System Watts 347-480V | Total Current | | | | | |
| | | | 120V | 208V | 240V | 277V | 347V | 480V |
| 350mA | | | | | | | | |
| 02 | 22 | 28 | 0.18 | 0.12 | 0.10 | 0.10 | 0.09 | 0.13 |
| 525mA | | | | | | | | |
| 02 | 34 | 40 | 0.29 | 0.19 | 0.17 | 0.15 | 0.12 | 0.13 |

* Electrical data at 25°C (77°F). Actual wattage may differ by +/- 10% when operating between 120-480V +/- 10%

| Recommended Cree Edge™ Series Lumen Maintenance Factors (LMF)† | | | | | | |
|---|---|---|---|---|---|---|
| Ambient | Initial LMF | 25K hr Projected[2] LMF | 50K hr Projected[2] LMF | 75K hr Calculated[3] LMF | 100K hr Calculated[3] LMF |
| 5°C (41°F) | 1.04 | 0.99 | 0.97 | 0.95 | 0.93 |
| 10°C (50°F) | 1.03 | 0.98 | 0.96 | 0.94 | 0.92 |
| 15°C (59°F) | 1.02 | 0.97 | 0.95 | 0.93 | 0.91 |
| 20°C (68°F) | 1.01 | 0.96 | 0.94 | 0.92 | 0.90 |
| 25°C (77°F) | 1.00 | 0.95 | 0.93 | 0.91 | 0.89 |

† Lumen maintenance when at 25°C per values listed per TM-21 based on LM-80 data and in-situ luminaire testing.
For more info visit IESNA TM-21-11. Projected values represent extrapolated values based on time durations that are within six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing (DUT) i.e. the packaged LED chip)
[2] In accordance with IESNA TM-21-11, Projected values represent time durations that exceed six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing (DUT) i.e. the packaged LED chip)

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Canada: www.cree.com/canada T (800) 473-1234 F (800) 890-7507

# Specification sheet

# lumenalpha cylinders

**Nano Wall Mount Direct**
LACYN

## Performance

| | |
|---|---|
| **Maximum Delivered Output** | Up to 2,724 lm (narrow spot optic, 4000K, CRI80) |
| **Maximum Delivered Intensity** | Up to 14,448 cd (narrow spot optic, 4000K, CRI80) |
| **Efficacy** | Up to 118 lm/W (narrow spot optic, 4000K, CRI80) |
| **Color Consistency** | 2 SDCM |
| **Color Rendering** | CRI 80+/CRI 95+ |
| **Lumen Maintenance** | L95 55,000 hrs , L70 225,000 hrs |
| **UGR** | < 19 |

## Physical

| | |
|---|---|
| **Housing Material** | Aluminum |
| **TIR Optics Material** | Clear polycarbonate (narrow spot and narrow optics) |
| **Reflector Material** | Aluminum (medium and wide optics) |
| **Weight** | Up to 4.75 lbs |

## Electrical and control

| | |
|---|---|
| **Voltage** | 120 volts, 277 volts |
| **Control** | On/off control, Phase dimming, 0-10V (1% linear or ogarithmic), Pro 0-10V (0.1% linear or logarithmic), DALI (0.1% linear or logarithmic), Lumentalk, DMX/RDM enabled |

## Environmental

| | |
|---|---|
| **Environment** | Damp location (interior applications only) |
| **Operating Temperature** | -4 °F to 86 °F |
| **IP Rating** | IP20 |

## Accessories (order separately)

| | |
|---|---|
| **Control Boxes** | Power and control box - star configuration, Power and control box - daisy chain configuration |
| **Control Systems** | Lumentouch 2.0™, Lumencue, Lumentone, Pharos® TPC, Pharos® LPC X, Pharos® LPC, consult control systems section for details |


lumenalpha™ 1220 Marie-Victorin Blvd., Longueuil, QC J4G 2H9 CA T 1.877.937.3003 | 514.937.3003 F 514.937.6289
info@lumenpulse.com www.lumenpulsegroup.com



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QS - R4



# Lumark

## DESCRIPTION

The Lumark Wal-Pak wall luminaire provides traditional architectural style with high performance energy efficient illumination. Rugged die-cast aluminum construction, stainless steel hardware along with a sealed and gasketed optical compartment make the Wal-Pak virtually impenetrable to contaminants. IP66 Rated. Three available lamp sources including patented energy efficient LED, pulse start metal halide and high pressure sodium. UL/cUL wet location listed. The Wal-Pak wall luminaire is ideal for pathway illumination, building entrances, vehicle ramps, schools, tunnels, stairways and loading docks.

| Catalog # | | Type |
|---|---|---|
| Project | | |
| Comments | | Date |
| Prepared by | | |

## SPECIFICATION FEATURES

**Housing**
Rugged one-piece die-cast aluminum housing and hinged, removable die-cast aluminum door. One-piece silicone gasket seals the optical chamber. UL 1598 wet location listed and IP66 ingress protection rated.

**Electrical**
Ballasts, LED driver and related electrical components are hard mounted to the die-cast housing for optimal heat sinking and operating efficiency. Wiring is extended through a silicone gasket at the back of the housing. Three 1/2" threaded conduit entry points allow for thru-branch wiring. LED thermal management system incorporates both conduction and natural convection to transfer heat rapidly away from LED source. Integral LED electronic driver incorporates internal fusing designed to withstand a 6kV surge test and is Class 2 rated for 120-277V with an operating temperature of -40° to 55°C. Wal-Pak LED systems maintain greater than 93% of the initial light output after 72,000 hours of operation. UL listed HID high power factor ballasts are Class H insulation rated (high pressure sodium: 250, 400W [-40°C / -40°F]. High efficiency HID ballasts are available in 120, 208, 240, 277, 347 and 480V.

**Optical**
Highly reflective anodized aluminum reflectors provide high efficiency illumination. Optical assemblies include impact resistant borosilicate refractive glass, and full cutoff IESNA compliant configurations. Patented, solid state LED luminaires are thermally optimized with three lumen packages. HID models are offered in horizontal medium or mogul-based metal halide [MP] or high pressure sodium [HP] lamps.

**Door Assembly**
Single point, captive stainless steel hardware secures the removable hinged door allowing for ease of installation and maintenance. Door assembly is hinged at the bottom for easy removal, installation and re-lamping.

**Finish**
Finished in five-stage super TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Standard color is bronze. Additional colors available in white, grey, bronze, black, dark platinum and graphite metallic. Consult your lighting representitive at Eaton for a complete selection of standard colors.

**Efficiency Standards Notice**
Select luminaires are manufactured to USA and California efficiency regulations.





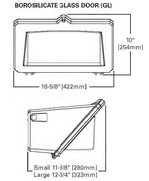
**WP** WAL-PAK

**27, 32 and 46W**
**LED**
**250 - 400W**
**Pulse Start Metal Halide**
**250 - 400W**
**High Pressure Sodium**

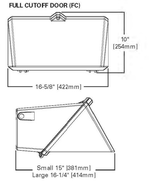
**WALL MOUNT LUMINAIRE**

## DIMENSIONS

**BOROSILICATE GLASS DOOR (GL)**




**FULL CUTOFF DOOR (FC)**




**TECHNICAL DATA**
UL/cUL Wet Location Listed
IP66 Rated
40°C Maximum Ambient Temperature
External Supply Wiring 90°C Minimum
EISA @, ARRA, Title 20 Compliant
LM79 / LM80 Compliant

**ENERGY DATA**
**CWA Ballast Input Watts**
200W HPS HPF (250 Watts)
250W MP -HPF (282 Watts) @
400W HPS HPF (465 Watts)
400W MP -HPF (452 Watts) @

**SHIPPING DATA**
**Approximate Net Weight:**
22-42 lbs (15-19 kgs.)

TD514018EN
2017-06-05 17:00:21

EATON Powering Business Worldwide

# WP WAL-PAK

## ORDERING INFORMATION

**Sample Number:** LDWP-FC-4B-120V

| Lamp Type | Product Family [1] | Door Type [1] | Lamp Wattage [1] | Voltage [1] |
|---|---|---|---|---|
| **LD**=Solid State Light Emitting Diodes (LED) [1]<br>**HP**=High Pressure Sodium<br>**MP**=Pulse Start Metal Halide | **WP**=Wal-Pak | **GL**=Borosilicate Glass Door<br>**FC**=Full Cutoff Door | **LED**<br>**3B**=(3 Package), 27W<br>**4B**=(4 Package), 32W<br>**6B**=(6 Package), 46W<br>**HP**<br>**250**=250W<br>**400**=400W<br>**MP**<br>**250**=250W<br>**400**=400W | **120V**=120V<br>**208V**=208V<br>**240V**=240V<br>**277V**=277V<br>**347V**=347V *<br>**480V**=480V *<br>**DT**=Dual-Tap<br>**MT**=Multi-Tap<br>**TT**=Tri-Tap<br>**ED**=Electronic LED Driver |

| Options (Add as Suffix) [1] | Accessories (Order Separately) |
|---|---|
| **FS**=Single Fuse (Must Specify Voltage: 120, 277 or 347V)<br>**PE**=Button Type Photocontrol (Must Specify Voltage: 120, 208, 240 or 277V)<br>**LL**=Lamp Included<br>**Q**=Quartz Restrike T4 Lamp *<br>**EM**=Emergency Quartz Restrike T4 Lamp with Time Delay Relay *<br>**EMLED-CD**=LED Battery Backup Cold Temperature *<br>**7040**=72 CRI / 4000K CCT<br>**AP**=Grey<br>**BK**=Black<br>**DP**=Dark Platinum<br>**GM**=Graphite Metallic<br>**WH**=White | **WG/WPGL**=Wire Guard Borosilicate Glass Lens Door<br>**WG/WPFC**=Wire Guard Full Cutoff Door<br>**TR/WP**=Tamper-resistant Screw and Bit<br>**VS/WPGL**=Polycarbonate Vandal Shield for Borosilicate Glass Lens Door |

**NOTES:**
**1.** Five-year warranty.
**2.** Picture color is standard bronze unless optional color is specified.
**3.** Small housing offered for LED models. Large housing for 250W-400W. Clear glass is standard for full cutoff door types except for LD. LD full cutoff door is standard with Solite® glass.
**4.** Not available with 120V, 208V, 240V, 277V or 480V.
**5.** See voltage chart for destinations. 105°C Rated wire required for thru-branch wiring for units above 250W. Thru-branch wiring is rated for use in 25°C ambient operating environments.
**6.** Not available with thru-branch wiring. LED will be supplied with integral step-down transformer.
**7.** Not all options can be combined. Only one emergency or battery back-up option available within the fixture. LD models utilize EMLED-CD options only for battery back-up.
**8.** Q or EM not available with LD or E electronic ballast.
**9.** EMLED-CD available with 8 models only. For use in 25°C ambient operating temperature environments. Specify 120V or 277V. EMLED-CD minimum -20°C/-4°F. Battery pack is a UL recognized component.

## STOCK ORDERING INFORMATION - LAMP INCLUDED

**Sample Number:** WPLWBC

| Product Family | Lamp Type | Lamp Wattage | Door/Glass Type |
|---|---|---|---|
| **WP**=Wal-Pak | **L**=LED [1]<br>**P**=Pulse Start Metal Halide<br>**S**=High Pressure Sodium | **LED**<br>**3B**=27W<br>**4B**=32W<br>**6B**=46W<br>**Pulse Start Metal Halide**<br>**25**=250W<br>**40**=400W<br>**High Pressure Sodium**<br>**25**=250W<br>**40**=400W | **[Blank]**=Standard<br>**C**=Full Cutoff Door |

**NOTE:** 1 Five-year warranty.

## VOLTAGE CHART

| | |
|---|---|
| **MT**=Multi-Tap | 120, 208, 240, 277V (Wired 277V) |
| **TT**=Triple-Tap | 120, 277, 347V (Wired 347V) |
| **ED**=Electronic LED Driver | 120-277V Universal - 50-60Hz) |

Eaton
1121 Highway 74 South
Peachtree City, GA 30269
P: 770.486.4800
www.eaton.com/lighting

Specifications and dimensions subject to change without notice.

TD514018EN
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Kahler Slater
experience design

vierbicher
planners | engineers | advisors

Phone: (800) 261-3898
Vierbicher Project No.: 107109

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| Date | Description |
|---|---|

Schematic Design

SCOPE DOCUMENTS

Drawing Date
01/31/2018

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Project No. 700 EAST LLC
217014.00

Sheet Title
LIGHTING DETAILS

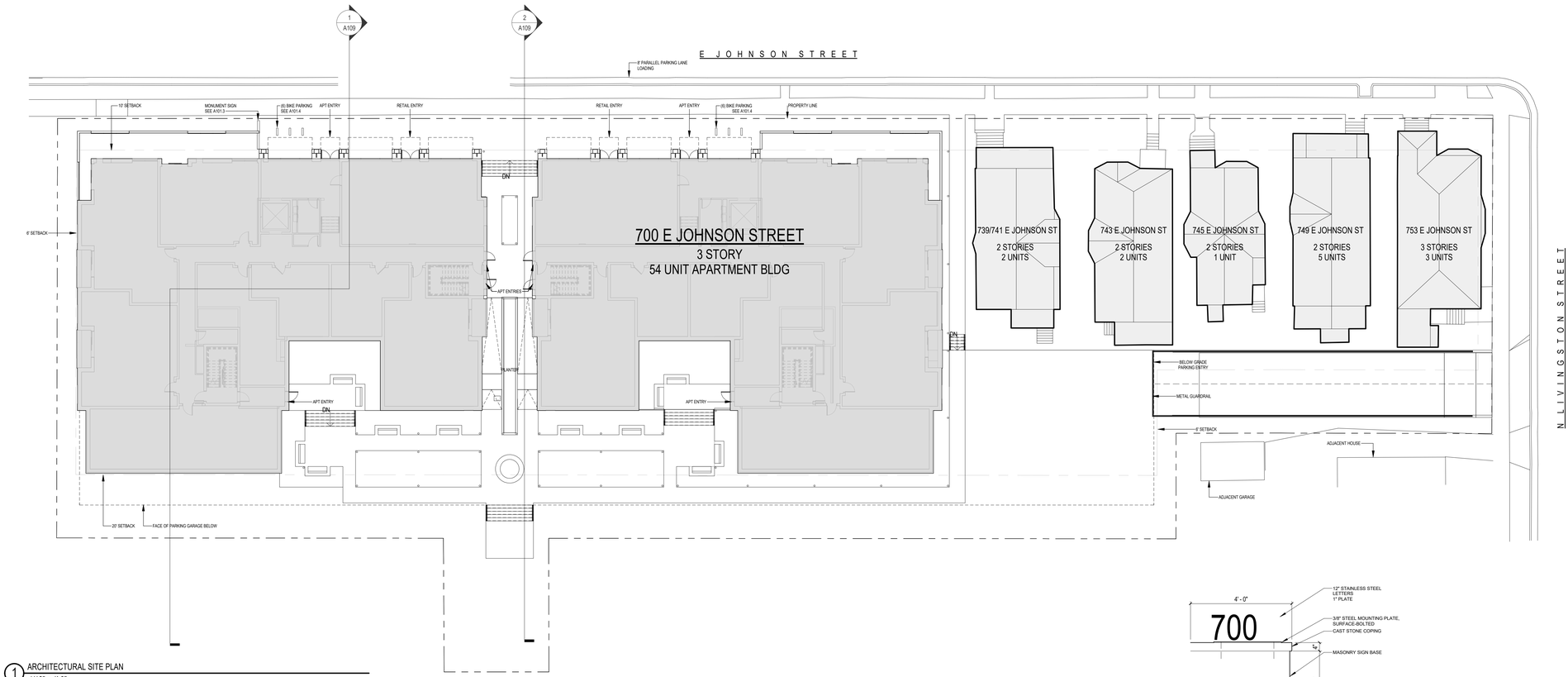

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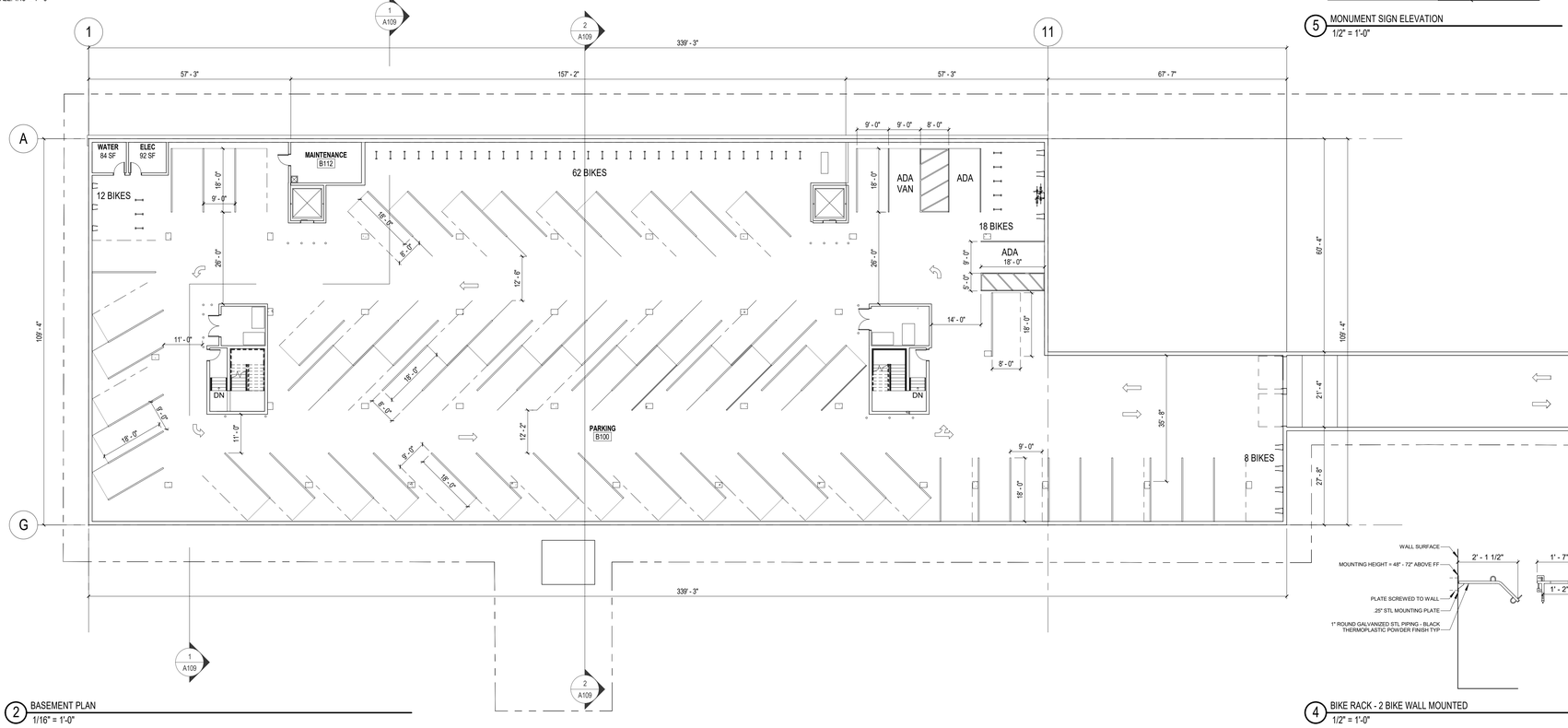
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Sheet No.
E-2.0




1 ARCHITECTURAL SITE PLAN
1/16" = 1'-0"

0 4 8 16 32
SCALE: 1/16" = 1' - 0"




2 BASEMENT PLAN
1/16" = 1'-0"

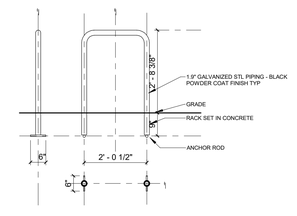
0 4 8 16 32
SCALE: 1/16" = 1' - 0"




5 MONUMENT SIGN ELEVATION
1/2" = 1'-0"




4 BIKE RACK - 2 BIKE WALL MOUNTED
1/2" = 1'-0"




3 BIKE RACK - 2 BIKE BELOW GRADE MOUNTED
1/2" = 1'-0"

**CAR PARKING - REQUIRED**

| | |
|---|---|
| EXISTING UNITS | 13 |
| UNITS | 54 |
| RETAIL | 6 |
| TOTAL | 74 |
| WAIVE FIRST 5 STALLS FOR RESIDENTIAL | - 5 |
| GRAND TOTAL | 69 |

**CAR PARKING - PROVIDED**

| | |
|---|---|
| COMPACT 8' x 18' - 90 DEGREE | 34 |
| STANDARD 9' x 18' - 90 DEGREE | 33 |
| ADA ACCESSIBLE 9' x 18' - 90 DEGREE | 2 |
| ADA VAN ACCESSIBLE 9' x 18' - 90 DEGREE | 1 |
| TOTAL | 70 |

**BIKE PARKING - REQUIRED**

| UNIT NUMBER | BEDROOMS | BIKE COUNT | TOTAL BIKE STALLS |
|---|---|---|---|
| 100 UNIT | 3 BEDROOM | 1.5 | 3 |
| 101 UNIT | 2 BEDROOM | 1 | 2 |
| 102 UNIT | 2 BEDROOM | 1 | 2 |
| 103 UNIT | 1 BEDROOM | 1 | 2 |
| 110 UNIT | 1 BEDROOM | 1 | 2 |
| 111 UNIT | STUDIO | 1 | 2 |
| 112 UNIT | STUDIO | 1 | 2 |
| 113 UNIT | 2 BEDROOM | 1 | 2 |
| 200 UNIT | 3 BEDROOM | 1.5 | 3 |
| 201 UNIT | 1 BEDROOM | 1 | 2 |
| 202 UNIT | 3 BEDROOM | 1.5 | 3 |
| 203 UNIT | 2 BEDROOM | 1 | 2 |
| 204 UNIT | 2 BEDROOM | 1 | 2 |
| 205 UNIT | STUDIO | 1 | 2 |
| 210 UNIT ADA | 2 BEDROOM | 1 | 2 |
| 211 UNIT | STUDIO | 1 | 2 |
| 212 UNIT | STUDIO | 1 | 2 |
| 213 UNIT | 2 BEDROOM | 1 | 2 |
| 301 UNIT | 1 BEDROOM | 1 | 2 |
| 302 UNIT | 3 BEDROOM | 1.5 | 3 |
| 303 UNIT | 2 BEDROOM | 1 | 2 |
| 304 UNIT | 2 BEDROOM | 1 | 2 |
| 305 UNIT | 2 BEDROOM | 1 | 2 |
| 310 UNIT | 2 BEDROOM | 1 | 2 |
| 311 UNIT | 1 BEDROOM | 1 | 2 |
| 312 UNIT | 1 BEDROOM | 1 | 2 |
| 313 UNIT | 2 BEDROOM | 1 | 2 |
| EXISTING UNITS | 1 BEDROOM (E) | 1 | 2 |
| EXISTING UNITS | 1 BEDROOM (E) | 1 | 2 |
| EXISTING UNITS | 1 BEDROOM (E) | 1 | 2 |
| EXISTING UNITS | 2 BEDROOM (E) | 1 | 2 |
| EXISTING UNITS | 2 BEDROOM (E) | 1 | 2 |
| EXISTING UNITS | 2 BEDROOM (E) | 1 | 2 |
| EXISTING UNITS | 3 BEDROOM (E) | 1.5 | 3 |
| EXISTING UNITS | 3 BEDROOM (E) | 1.5 | 3 |
| EXISTING UNITS | 3 BEDROOM (E) | 1.5 | 3 |
| EXISTING UNITS | 3 BEDROOM (E) | 1.5 | 3 |
| EXISTING UNITS | 3 BEDROOM (E) | 1.5 | 3 |
| EXISTING UNITS | 3 BEDROOM (E) | 1.5 | 3 |
| EXISTING UNITS | 5 BEDROOM (E) | 2.5 | 5 |
| TOTAL | | | 93 |

**BIKE PARKING - PROVIDED**

| | |
|---|---|
| 2 BIKE SINGLE HOOP | 90 |
| DOUBLE BIKE RACK WALL MOUNTED | 22 |
| TOTAL | 112 |

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Revisions

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03/21/2018

# 700 E JOHNSON ST

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MADISON, WI 53703

Project No. 700 EAST LLC
217014.00

Sheet Title
SITE PLAN & BASEMENT PLAN

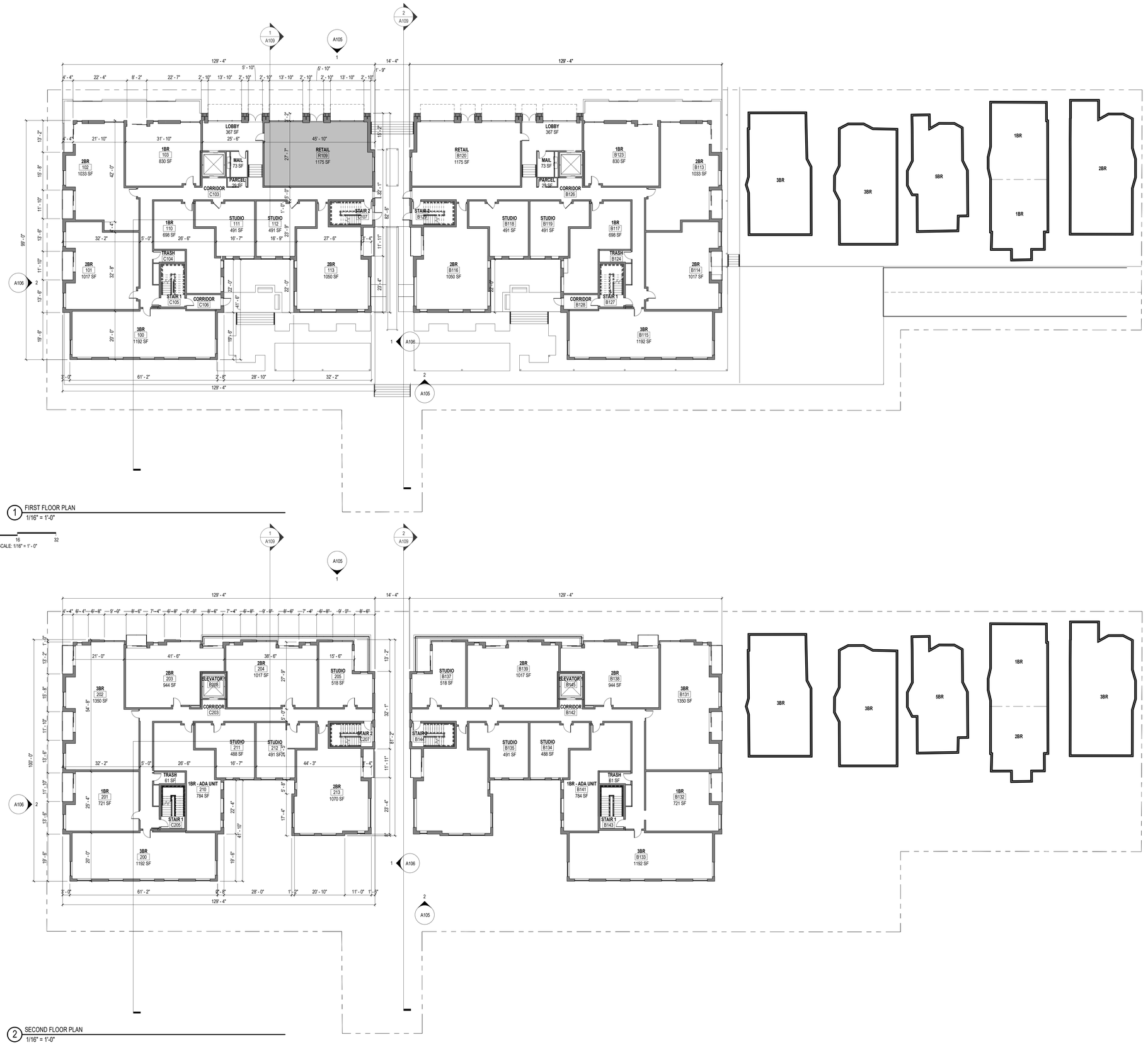
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Sheet No.
A101

3/21/2018 11:56:49 AM




1 FIRST FLOOR PLAN
1/16" = 1'-0"

0 4 8 16 32
SCALE: 1/16" = 1' - 0"




2 SECOND FLOOR PLAN
1/16" = 1'-0"

0 4 8 16 32
SCALE: 1/16" = 1' - 0"

**UNIT TYPE**

| UNIT TYPE | AREA TOTAL | UNIT TYPE % |
|---|---|---|
| 1 BEDROOM | 7,854 SF | 17% |
| 2 BEDROOM | 22,237 SF | 47% |
| 3 BEDROOM | 10,152 SF | 21% |
| MEZZANINE | 2,280 SF | 5% |
| STUDIO | 4,960 SF | 10% |
| TOTAL | 47,484 SF | 100% |

**UNIT MATRIX**

| UNIT NUMBER | AREA | BEDROOMS | TOTAL BEDROOM COUNT |
|---|---|---|---|
| 100 UNIT | 1,192 SF | 3 BEDROOM | 6 |
| 101 UNIT | 1,017 SF | 2 BEDROOM | 4 |
| 102 UNIT | 1,033 SF | 2 BEDROOM | 4 |
| 103 UNIT | 830 SF | 1 BEDROOM | 2 |
| 110 UNIT | 698 SF | 1 BEDROOM | 2 |
| 111 UNIT | 491 SF | STUDIO | 2 |
| 112 UNIT | 491 SF | STUDIO | 2 |
| 113 UNIT | 1,050 SF | 2 BEDROOM | 4 |
| 200 UNIT | 1,192 SF | 3 BEDROOM | 6 |
| 201 UNIT | 721 SF | 1 BEDROOM | 2 |
| 202 UNIT | 1,350 SF | 3 BEDROOM | 6 |
| 203 UNIT | 944 SF | 2 BEDROOM | 4 |
| 204 UNIT | 1,017 SF | 2 BEDROOM | 4 |
| 205 UNIT | 518 SF | STUDIO | 2 |
| 210 UNIT ADA | 784 SF | 2 BEDROOM | 4 |
| 211 UNIT | 488 SF | STUDIO | 2 |
| 212 UNIT | 491 SF | STUDIO | 2 |
| 213 UNIT | 1,070 SF | 2 BEDROOM | 4 |
| 301 UNIT | 708 SF | 1 BEDROOM | 2 |
| 302 UNIT | 1,343 SF | 3 BEDROOM | 6 |
| 302 UNIT - MEZZ | 278 SF | MEZZANINE | |
| 303 UNIT | 795 SF | 2 BEDROOM | 4 |
| 303 UNIT - MEZZ | 177 SF | MEZZANINE | |
| 304 UNIT | 845 SF | 2 BEDROOM | 4 |
| 304 UNIT - MEZZ | 163 SF | MEZZANINE | |
| 305 UNIT | 702 SF | 2 BEDROOM | 4 |
| 305 UNIT - MEZZ | 137 SF | MEZZANINE | |
| 310 UNIT | 781 SF | 2 BEDROOM | 4 |
| 310 UNIT - MEZZ | 150 SF | MEZZANINE | |
| 311 UNIT | 490 SF | 1 BEDROOM | 2 |
| 311 UNIT - MEZZ | 118 SF | MEZZANINE | |
| 312 UNIT | 480 SF | 1 BEDROOM | 2 |
| 312 UNIT - MEZZ | 117 SF | MEZZANINE | |
| 313 UNIT | 1,081 SF | 2 BEDROOM | 4 |
| | | | 94 |
| EXISTING UNITS | | | 32 |
| TOTAL BEDROOM COUNT | | | 126 |

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Sheet Title
FIRST FLOOR PLAN & SECOND FLOOR PLAN

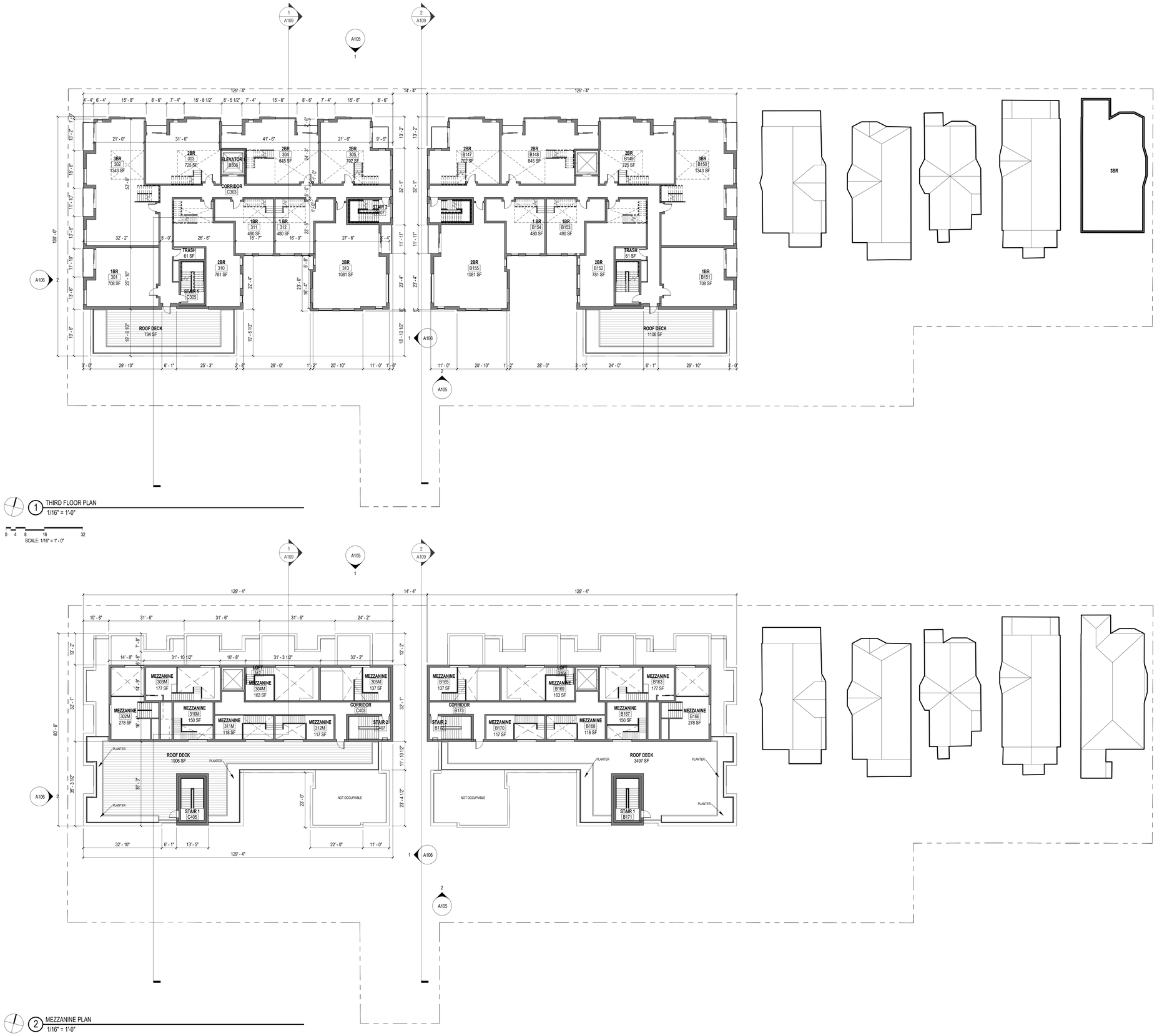
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Sheet No.
A102

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1 THIRD FLOOR PLAN
1/16" = 1'-0"

0 4 8 16 32
SCALE: 1/16" = 1' - 0"




2 MEZZANINE PLAN
1/16" = 1'-0"

0 4 8 16 32
SCALE: 1/16" = 1' - 0"

**UNIT TYPE**

| UNIT TYPE | AREA TOTAL | UNIT TYPE % |
|---|---|---|
| 1 BEDROOM | 7,854 SF | 17% |
| 2 BEDROOM | 22,237 SF | 47% |
| 3 BEDROOM | 10,152 SF | 21% |
| MEZZANINE | 2,280 SF | 5% |
| STUDIO | 4,960 SF | 10% |
| TOTAL | 47,484 SF | 100% |

**UNIT MATRIX**

| UNIT NUMBER | AREA | BEDROOMS | TOTAL BEDROOM COUNT |
|---|---|---|---|
| 100 UNIT | 1,192 SF | 3 BEDROOM | 6 |
| 101 UNIT | 1,017 SF | 2 BEDROOM | 4 |
| 102 UNIT | 1,033 SF | 2 BEDROOM | 4 |
| 103 UNIT | 830 SF | 1 BEDROOM | 2 |
| 110 UNIT | 698 SF | 1 BEDROOM | 2 |
| 111 UNIT | 491 SF | STUDIO | 2 |
| 112 UNIT | 491 SF | STUDIO | 2 |
| 113 UNIT | 1,050 SF | 2 BEDROOM | 4 |
| 200 UNIT | 1,192 SF | 3 BEDROOM | 6 |
| 201 UNIT | 721 SF | 1 BEDROOM | 2 |
| 202 UNIT | 1,350 SF | 3 BEDROOM | 6 |
| 203 UNIT | 944 SF | 2 BEDROOM | 4 |
| 204 UNIT | 1,017 SF | 2 BEDROOM | 4 |
| 205 UNIT | 518 SF | STUDIO | 2 |
| 210 UNIT ADA | 784 SF | 2 BEDROOM | 4 |
| 211 UNIT | 488 SF | STUDIO | 2 |
| 212 UNIT | 491 SF | STUDIO | 2 |
| 213 UNIT | 1,070 SF | 2 BEDROOM | 4 |
| 301 UNIT | 708 SF | 1 BEDROOM | 2 |
| 302 UNIT | 1,343 SF | 3 BEDROOM | 6 |
| 302 UNIT - MEZZ | 278 SF | MEZZANINE | |
| 303 UNIT | 795 SF | 2 BEDROOM | 4 |
| 303 UNIT - MEZZ | 177 SF | MEZZANINE | |
| 304 UNIT | 845 SF | 2 BEDROOM | 4 |
| 304 UNIT - MEZZ | 163 SF | MEZZANINE | |
| 305 UNIT | 702 SF | 2 BEDROOM | 4 |
| 305 UNIT - MEZZ | 137 SF | MEZZANINE | |
| 310 UNIT | 781 SF | 2 BEDROOM | 4 |
| 310 UNIT - MEZZ | 150 SF | MEZZANINE | |
| 311 UNIT | 490 SF | 1 BEDROOM | 2 |
| 311 UNIT - MEZZ | 118 SF | MEZZANINE | |
| 312 UNIT | 480 SF | 1 BEDROOM | 2 |
| 312 UNIT - MEZZ | 117 SF | MEZZANINE | |
| 313 UNIT | 1,081 SF | 2 BEDROOM | 4 |
| EXISTING UNITS | | | 94 |
| TOTAL BEDROOM COUNT | | | 32 |
| | | | 126 |

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# 700 E JOHNSON ST

700 E JOHNSON ST
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Project No. 700 EAST LLC
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Sheet Title
THIRD FLOOR PLAN & MEZZANINE PLAN

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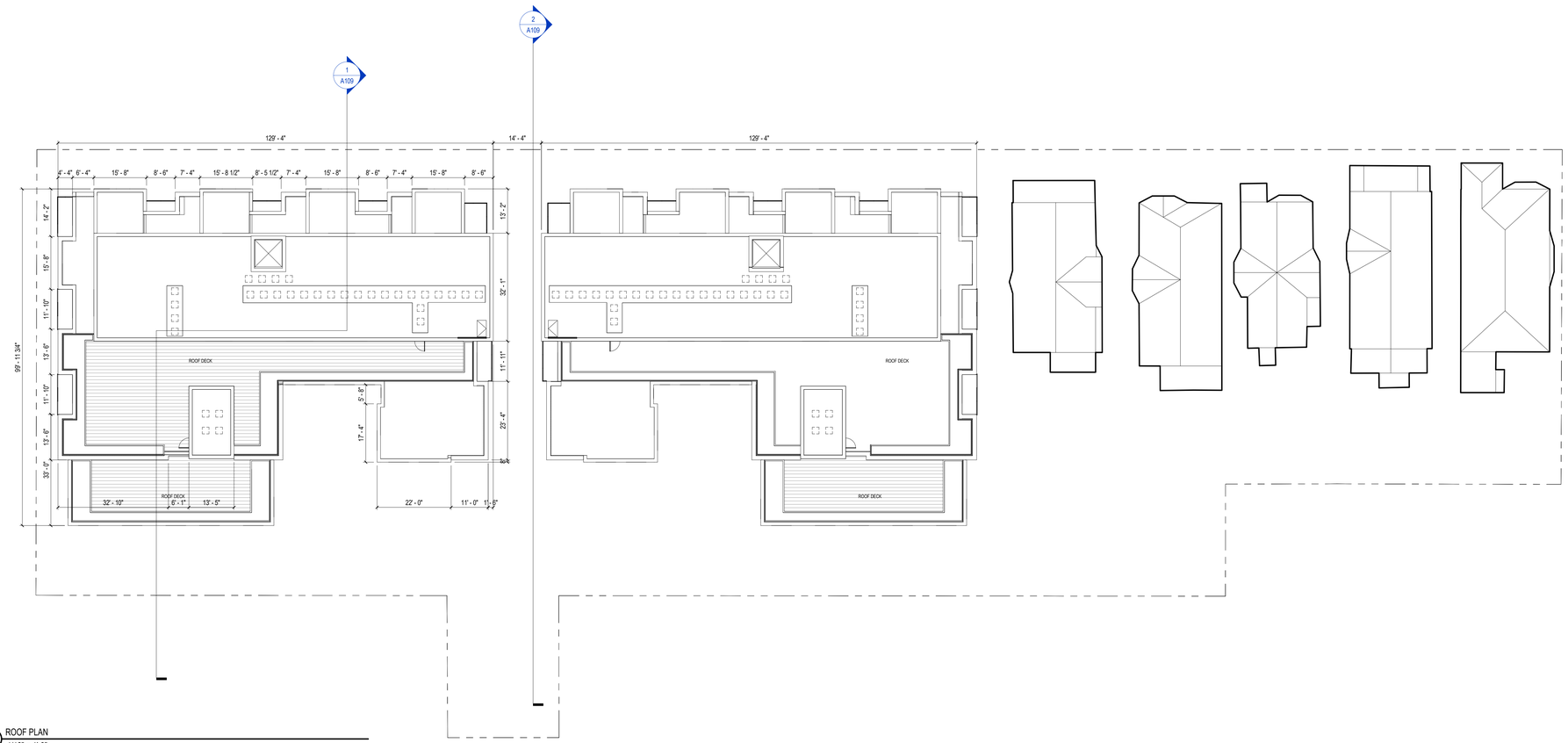
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A103

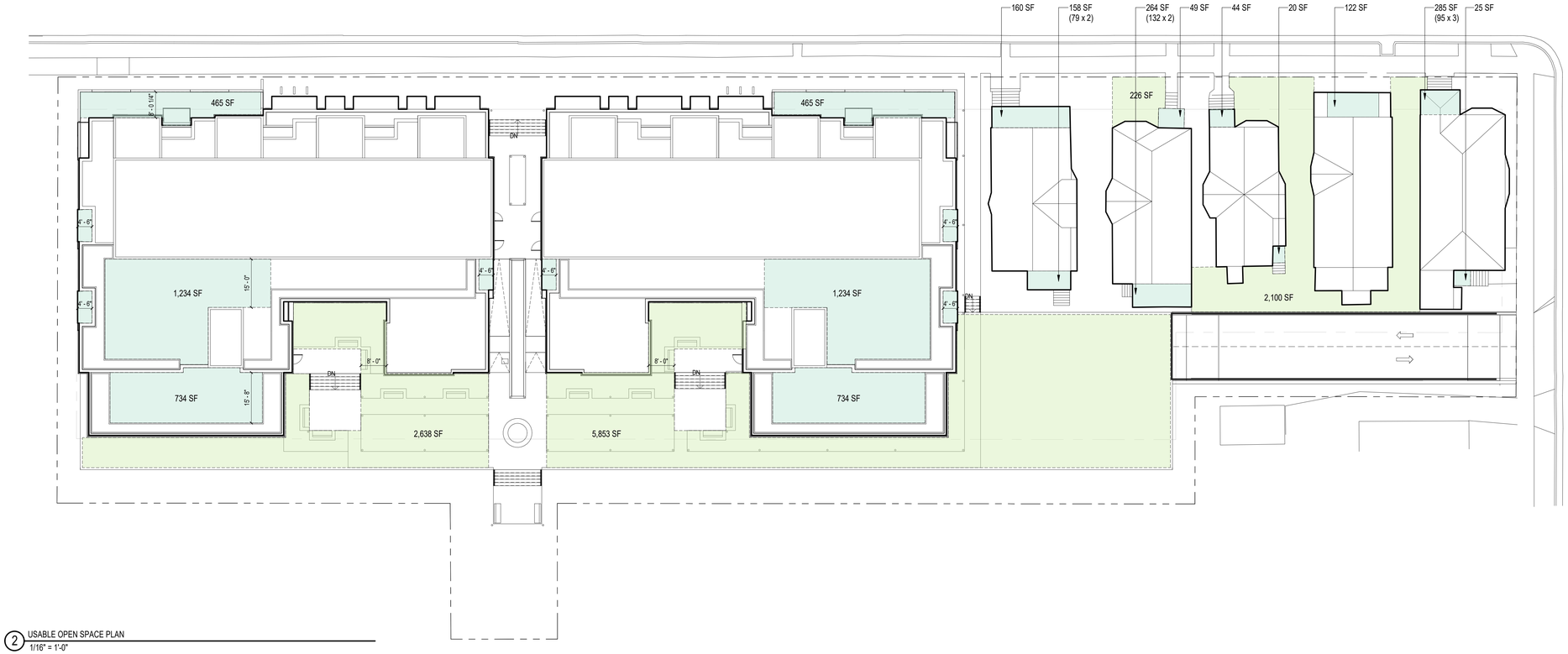
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1 ROOF PLAN
1/16" = 1'-0"

0 4 8 16 32
SCALE: 1/16" = 1' - 0"




2 USABLE OPEN SPACE PLAN
1/16" = 1'-0"

0 4 8 16 32
SCALE: 1/16" = 1' - 0"

**REQUIRED OPEN SPACE**

| UNIT TYPE | TOTAL UNIT COUNT | REQ. OPEN SPACE PER UNIT TYPE | REQ. OPEN SPACE |
|---|---|---|---|
| 1 BEDROOM | 12 | 160 SF | 1,920 SF |
| 1 BEDROOM (E) | 3 | 160 SF | 480 SF |
| 2 BEDROOM | 24 | 320 SF | 7,680 SF |
| 2 BEDROOM (E) | 3 | 320 SF | 960 SF |
| 3 BEDROOM | 8 | 320 SF | 2,560 SF |
| 3 BEDROOM (E) | 6 | 320 SF | 1,920 SF |
| 5 BEDROOM (E) | 1 | 320 SF | 320 SF |
| STUDIO | 10 | 160 SF | 1,600 SF |
| TOTAL | 67 | | 17,440 SF |

**PROVIDED OPEN SPACE**

| LEVEL | TYPE | AREA |
|---|---|---|
| 01-FIRST FLOOR | (E) BALCONY | 1,105 SF |
| 01-FIRST FLOOR | (E) GROUND | 2,326 SF |
| 01-FIRST FLOOR | BALCONY | 213 SF |
| 01-FIRST FLOOR | PODIUM DECK | 8,490 SF |
| 01-FIRST FLOOR | PORCH | 930 SF |
| | | 13,064 SF |
| 02-SECOND FLOOR | BALCONY | 427 SF |
| | | 427 SF |
| 03-THIRD FLOOR | BALCONY | 547 SF |
| 03-THIRD FLOOR | ROOF DECK | 1,468 SF |
| | | 2,015 SF |
| 04-MEZZANINE | ROOF DECK | 2,468 SF |
| | | 2,468 SF |
| GRAND TOTAL | | 17,974 SF |

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03/21/2018

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Sheet Title
## ROOF PLAN & USABLE OPEN SPACE PLAN

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Sheet No.
A104

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1 JOHNSON STREET ELEVATION
1/8" = 1'-0"

0 2 4 8 16
SCALE: 1/8" = 1' - 0"




2 REAR ELEVATION
1/8" = 1'-0"

0 2 4 8 16
SCALE: 1/8" = 1' - 0"

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ELEVATIONS

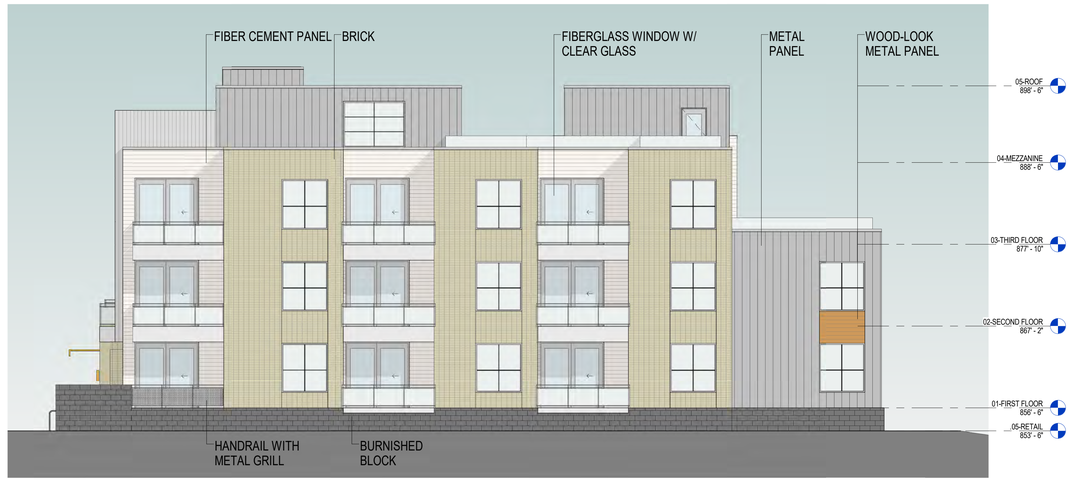
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Sheet No.
A105

3/21/2018 11:53:44 PM




1 INTERIOR FACING ELEVATION
1/8" = 1'-0"

0 2 4 8 16
SCALE: 1/8" = 1' - 0"




2 EXTERIOR FACING ELEVATION
1/8" = 1'-0"

0 2 4 8 16
SCALE: 1/8" = 1' - 0"

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ELEVATIONS

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PERSPECTIVES

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A107

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Sheet Title
PERSPECTIVES

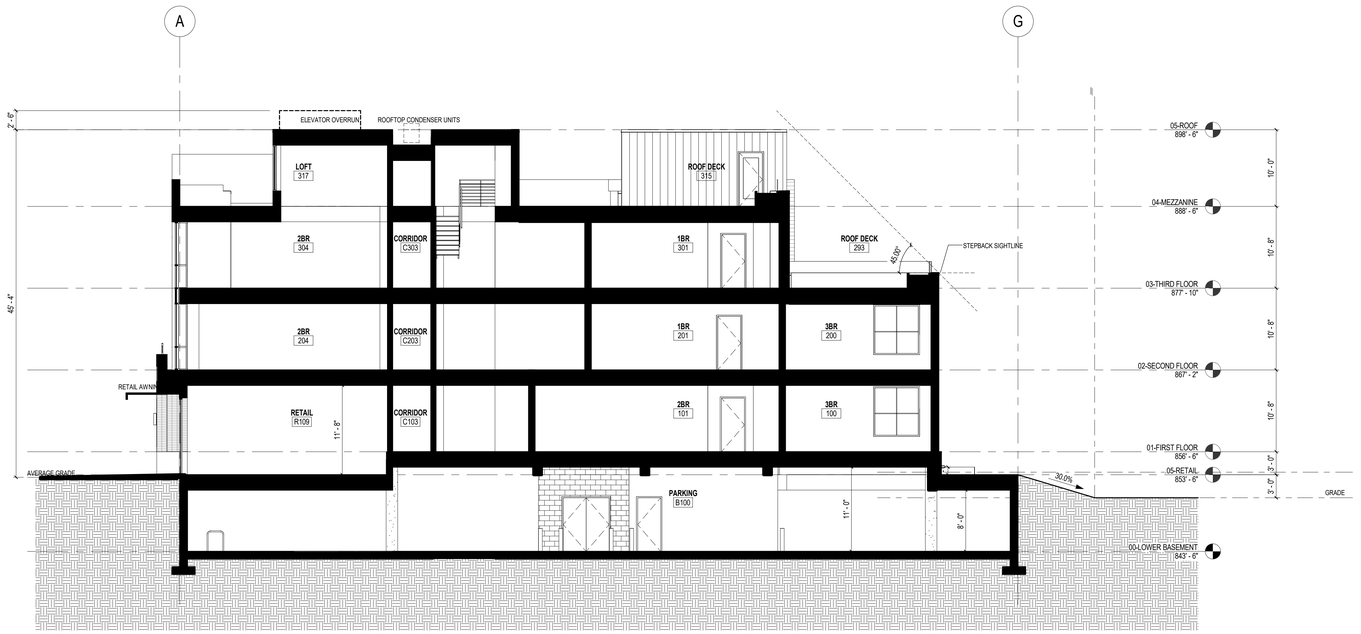
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A108

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1 BUILDING SECTION 1
1/8" = 1'-0"




2 BUILDING SECTION 2
1/8" = 1'-0"

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BUILDING SECTIONS

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A109

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739 / 741 E JOHNSON ST

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1 741 E JOHNSON ST - FIRST FLOOR UNIT
1/8" = 1'-0"

0 2 4 8 16
SCALE: 1/8" = 1' - 0"




2 739 E JOHNSON ST - SECOND FLOOR UNIT
1/8" = 1'-0"

0 2 4 8 16
SCALE: 1/8" = 1' - 0"

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# 739 / 741 E JOHNSON - FLOOR PLANS & PHOTOS

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A110

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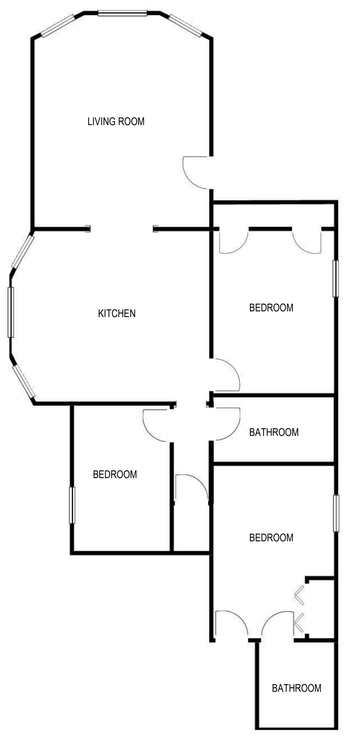






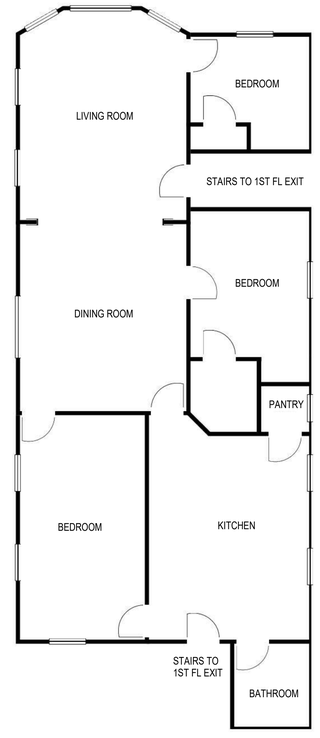



743 E JOHNSON ST




1 743 E JOHNSON ST - FIRST FLOOR UNIT
1/8" = 1'-0"

0 2 4 8 16
SCALE: 1/8" = 1' - 0"




2 743 E JOHNSON ST - SECOND FLOOR UNIT
1/8" = 1'-0"

0 2 4 8 16
SCALE: 1/8" = 1' - 0"

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743 E JOHNSON - FLOOR PLANS & PHOTOS

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A111

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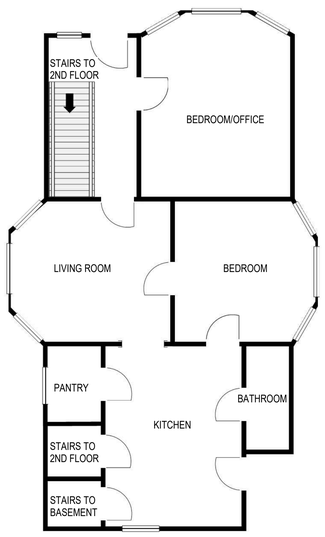






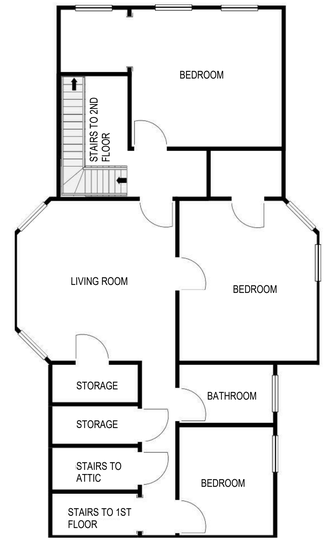


745 E JOHNSON ST




1 745 E JOHNSON ST - FIRST FLOOR UNIT
1/8" = 1'-0"

0 2 4 8 16
SCALE: 1/8" = 1' - 0"




2 745 E JOHNSON ST - SECOND FLOOR UNIT
1/8" = 1'-0"

0 2 4 8 16
SCALE: 1/8" = 1' - 0"

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# 745 E JOHNSON - FLOOR PLANS & PHOTOS

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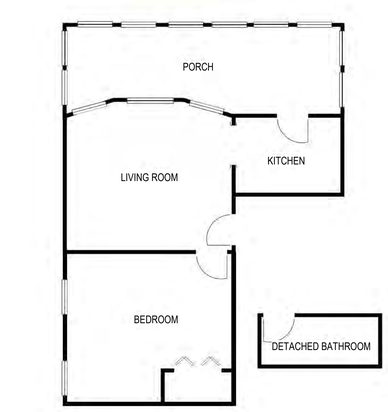


749 (727) E JOHNSON ST



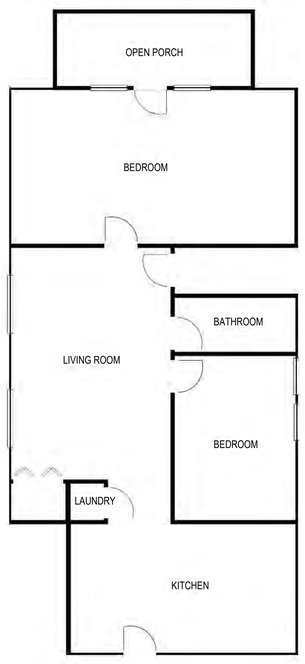

1 749 (727) E JOHNSON ST - FIRST FLOOR UNIT 1
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0 2 4 8 16
SCALE: 1/8" = 1' - 0"



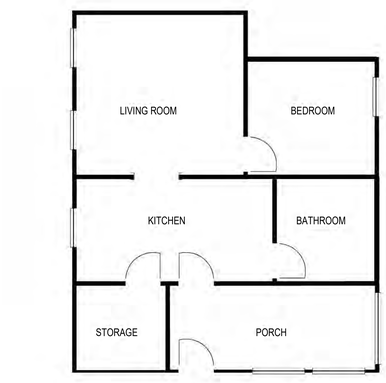

1 749 (727) E JOHNSON ST - SECOND FLOOR UNIT 3
1/8" = 1'-0"

0 2 4 8 16
SCALE: 1/8" = 1' - 0"




1 749 (727) E JOHNSON ST - THIRD FLOOR UNIT 5
1/8" = 1'-0"

0 2 4 8 16
SCALE: 1/8" = 1' - 0"




1 749 (727) E JOHNSON ST - FIRST FLOOR UNIT 2
1/8" = 1'-0"

0 2 4 8 16
SCALE: 1/8" = 1' - 0"




1 749 (727) E JOHNSON ST - SECOND FLOOR UNIT 4
1/8" = 1'-0"

0 2 4 8 16
SCALE: 1/8" = 1' - 0"

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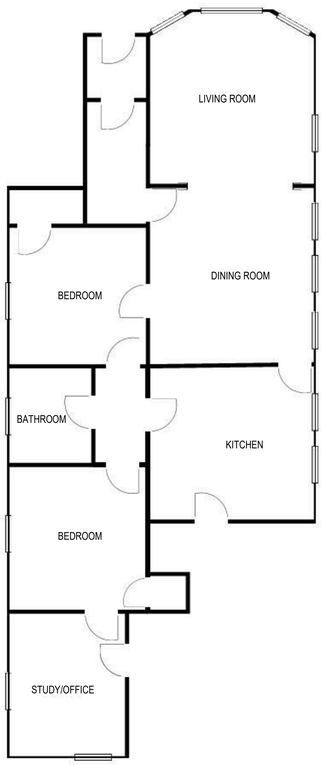






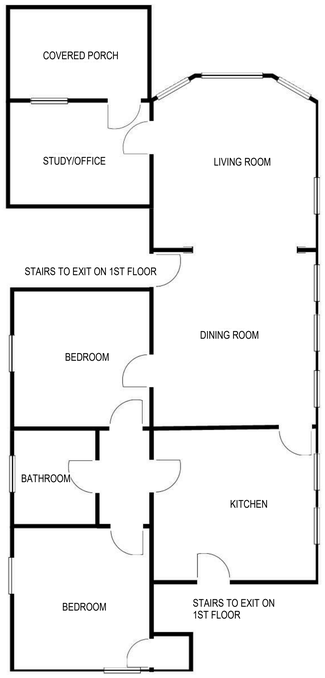


753 E JOHNSON ST



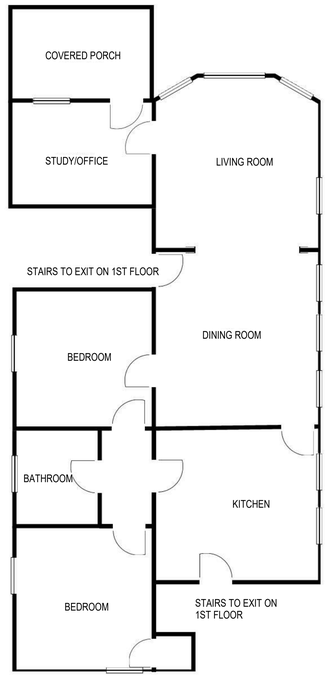

1 753 E JOHNSON ST - FIRST FLOOR UNIT
1/8" = 1'-0"

0 2 4 8 16
SCALE: 1/8" = 1' - 0"




2 753 E JOHNSON ST - FIRST FLOOR UNIT
1/8" = 1'-0"

0 2 4 8 16
SCALE: 1/8" = 1' - 0"




3 753 E JOHNSON ST - THIRD FLOOR UNIT
1/8" = 1'-0"

0 2 4 8 16
SCALE: 1/8" = 1' - 0"

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