

ARCHITECTS 7601 University Ave, Ste 201 608.836.3690 Middleton, WI 53562

(160 S.F / D.U. MIN. REQUIRED

26 BIKE STALLS

Info UDC Submittal - June 30, 2021 Land Use & UDC Submittal - September 15, 2021

PROJECT TITLE The Avenue Expansion **Madison** Development Corp.

Site Address:

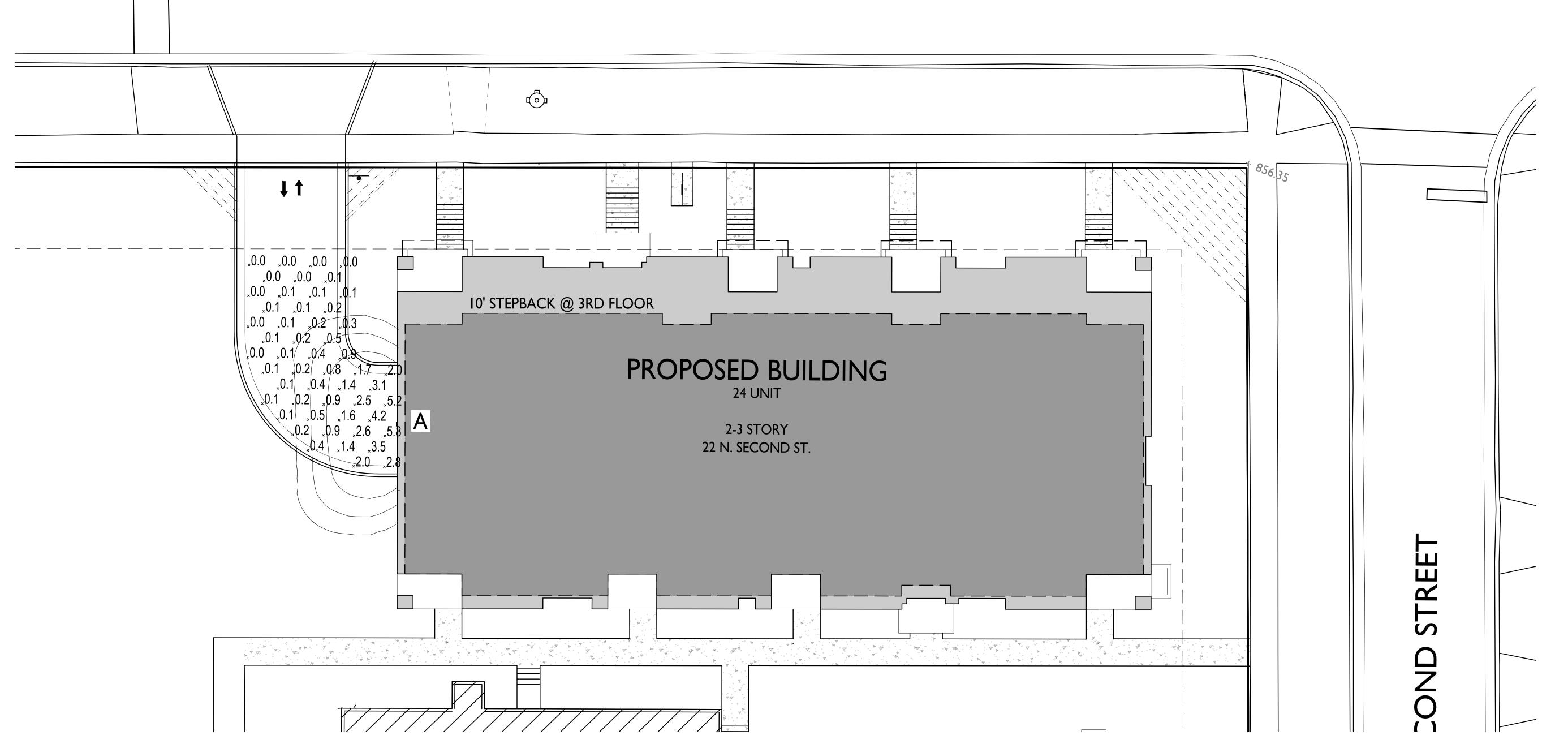
22 N. Second Street SHEET TITLE Site Plan

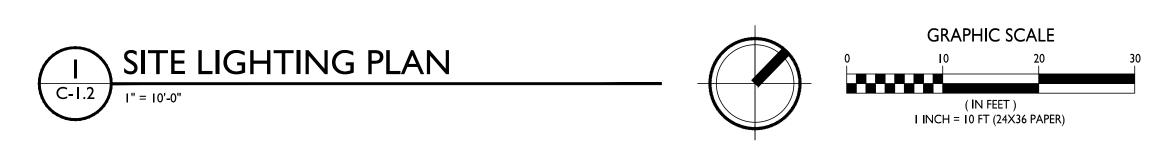
SHEET NUMBER

PROJECT NO.

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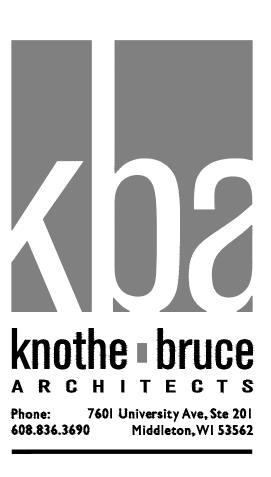
# EAST MIFFLIN STREET





STATISTICS						
DESCRIPTION	SYMBOL	AVG.	MAX.	MIN.	MAX. / MIN.	AVG. / MIN.
Expansion Garage Entry Lightin	g	0.9 fc	5.8 fc	0.0 fc	N/A	N/A

LUMINAI	RE SCHEDULE				
SYMBOL LAB	EL QTY. MANUF.	CATALOG	DESCRIPTION	FILE	MOUNTING
A	I LITHONIA LIGHTING	WPX I LED PI 30K MVOLT	WPX I LED WALLPACK I500LM 3000K COLOR TEMPERATURE I20-277 VOLTS	WPXI_LED_PI_30K_ MVOLT.ies	8'-0" ABOVE GRADE ON SIDE OF BUILDING
		EXAMPLE LIGHT	ISOLUX CONTO	OUR = 0.25 FC OUR = 0.5 FC OUR = 1.0 FC	



ISSUED

Land Use & UDC Submittal - September 15, 2021

The Avenue
Expansion
Madison
Development
Corp.

Site Address:

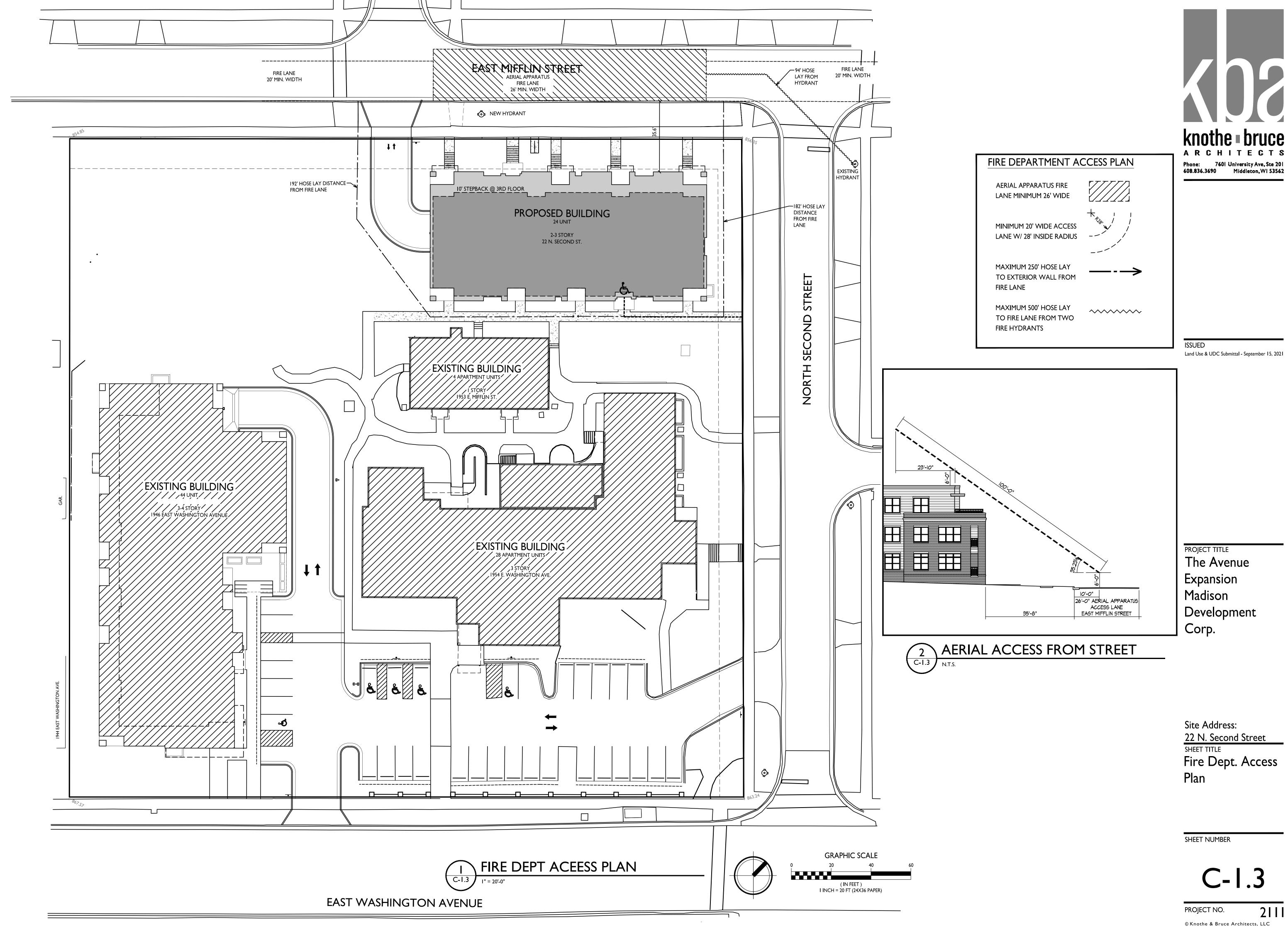
22 N. Second Street

SHEET TITLE

Site Lighting Plan

SHEET NUMBER

C-1.2



**Ф** 

PROJECT TITLE The Avenue **Expansion Madison** 

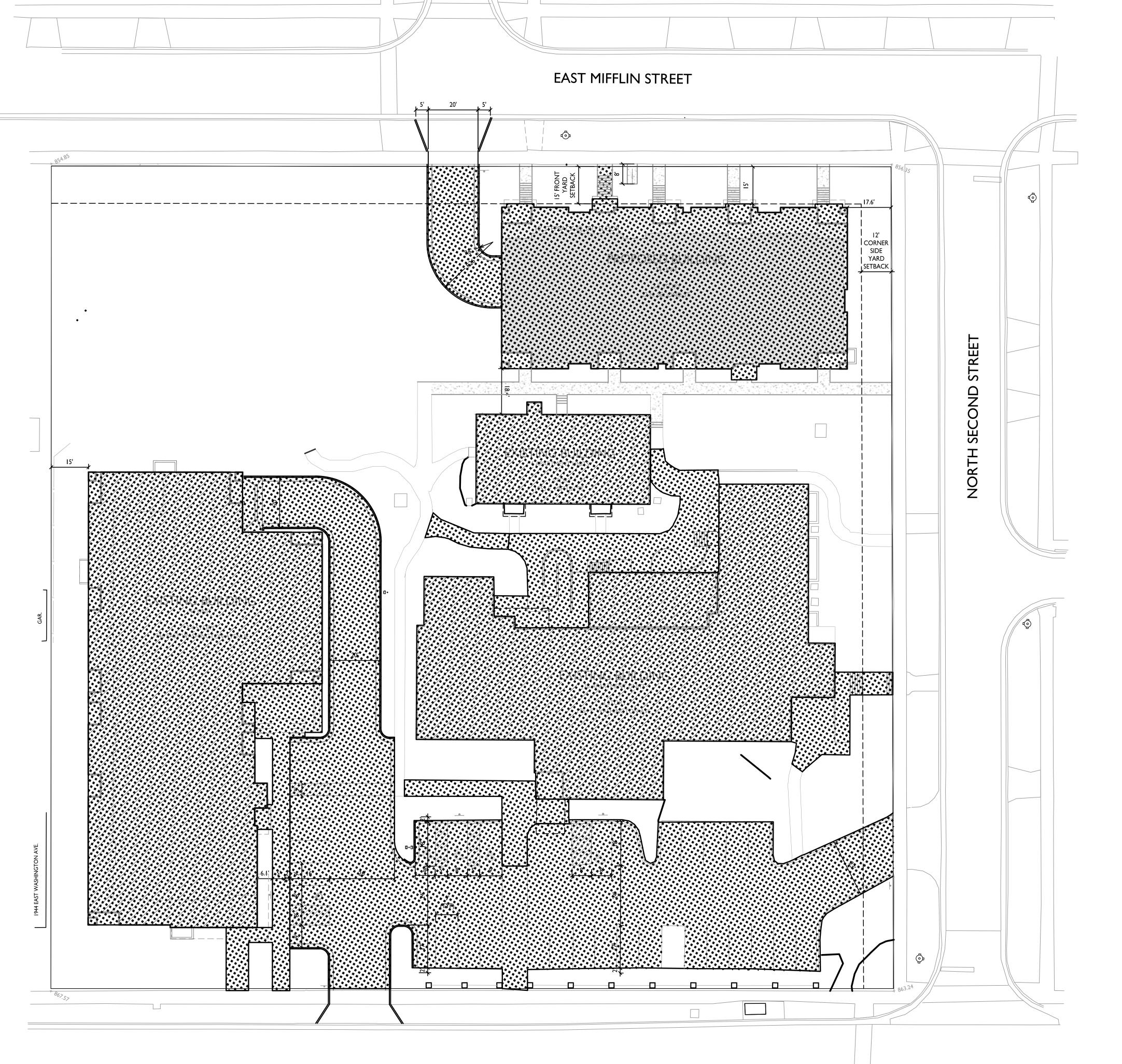
> Site Address: 22 N. Second Street

Fire Dept. Access

SHEET NUMBER

C-1.3

PROJECT NO. 2111



EAST WASHINGTON AVENUE

LOT COVERAGE

ZONING: TR-UI MAXIMUM LOT COVERAGE ALLOWED 75%

TOTAL LOT AREA

111,540 S.F. BUILDING / PAVING / WALKS >5' WIDE 61,996 S.F. / 56%



Land Use & UDC Submittal - September 15, 2021

PROJECT TITLE

The Avenue Expansion **Madison** Development Corp.

Site Address: 22 N. Second Street
SHEET TITLE
Lot Coverage

SHEET NUMBER

**GRAPHIC SCALE** 

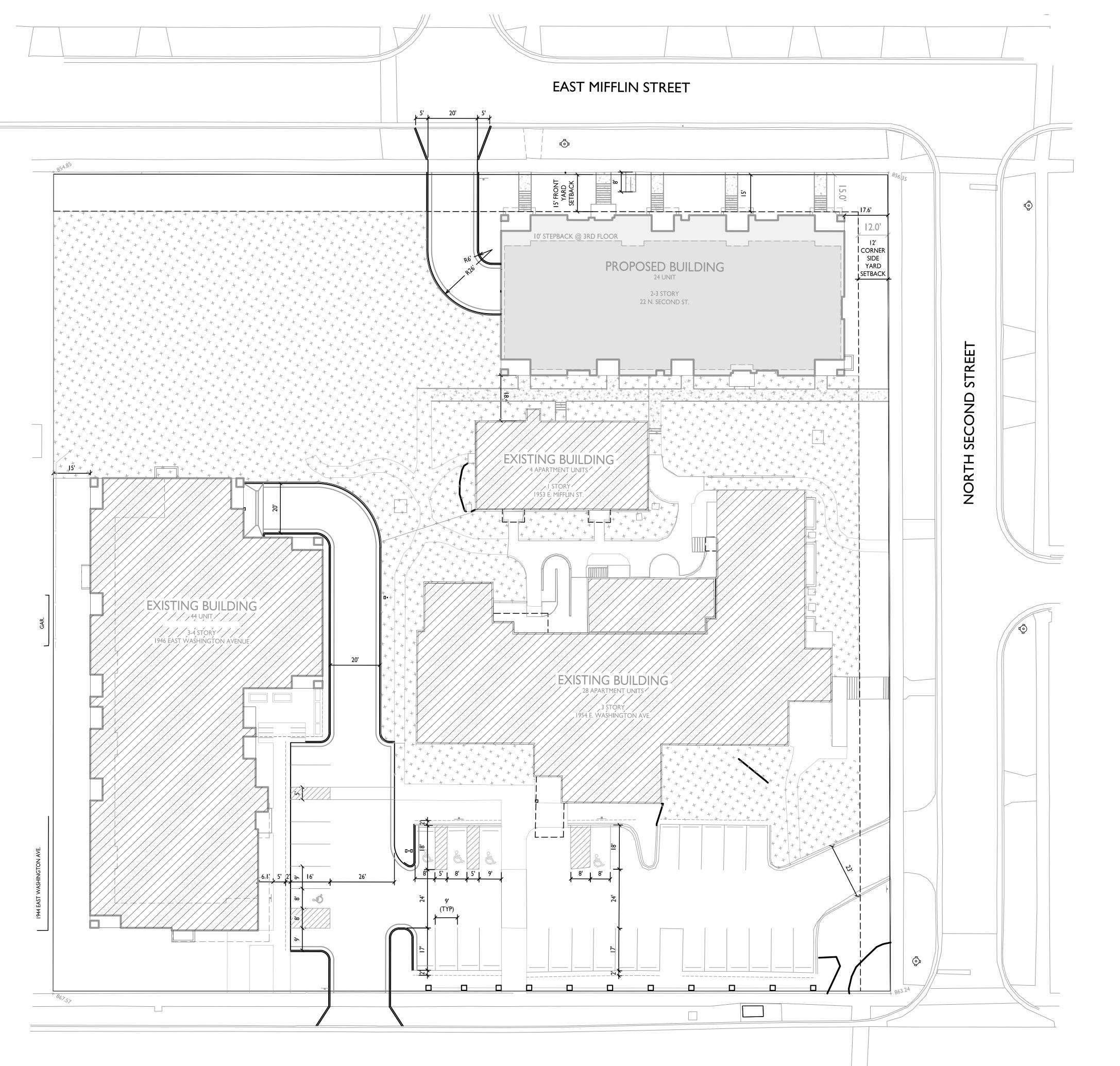
( IN FEET ) I INCH = 20 FT (24X36 PAPER)

PROJECT NO. 2111

© Knothe & Bruce Architects, LLC

\ LOT COVERAGE





USABLE OPEN SPACE

**ZONING: TR-UI** 

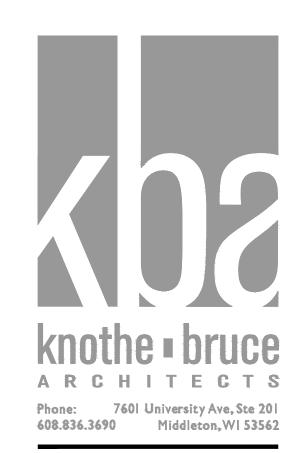
TOTAL

REQUIRED OPEN SPACE 160 S.F. / D.U.

DWELLING UNITS 100

100 D.U. X 160 S.F.= 16,000 S.F. OPEN SPACE REQUIRED

**EXTG BLDGS** OPEN SPACE PROVIDED PROPOSED BLDG 454 S.F. COMMUNITY ROOF DECK 454 S.F PRIVATE ROOF DECKS 556 S.F. 552 S.F. PRIVATE BALCONIES & PORCHES I,800 S.F. (40 x 45 S.F.) I,290 S.F. SURFACE: 30,944 S.F



35,596 S.F

Land Use & UDC Submittal - September 15, 2021

PROJECT TITLE The Avenue Expansion **Madison** Development Corp.

Site Address: 22 N. Second Street
SHEET TITLE

Useable Open Space

SHEET NUMBER

**GRAPHIC SCALE** 

( IN FEET ) I INCH = 20 FT (24X36 PAPER)

C-1.5

PROJECT NO. 2111

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\ USABLE OPEN SPACE



- 1. ALL PRIVATE UTILITIES (GAS, ELECTRIC, AND TELECOMMUNICATIONS) SERVING EXISTING BUILDINGS SCHEDULED FOR DEMOLITION TO BE ABANDONED OR REMOVED BY CORRESPONDING UTILITY
- 2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF UNDERGROUND UTILITIES. UTILITIES WERE LOCATED BY OBSERVED EVIDENCE, MARKINGS PROVIDED BY DIGGER'S
- 3. CONTRACTOR SHALL VERIFY THE SIZE, TYPE, SLOPE, AND INVERTS OF ALL EXISTING STORM AND SANITARY LATERALS CALLED OUT TO BE CONNECTED TO. CONTRACTOR SHALL SUBMIT THE INFORMATION ON THE PIPES TO THE CITY INSPECTOR AND PROJECT CIVIL ENGINEER.
- 4. ANY SIDEWALK, CURB, OR OTHER PUBLIC PROPERTY DAMAGED AS PART OF THE CONSTRUCTION OF THE UTILITIES AND BUILDING SHALL BE REPLACED IN-KIND PER THE CITY OF MADISON
- 5. THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANY TIME PER THE RECOMMENDATION/PLAN OF THE CITY.
- 6. 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 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 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 CONSTRUCTION http://www.cityofmadison.com/business/pw/documents/stdspecs/2018/part1.pdf. ANY TREE REMOVALS THAT ARE REQUIRED FOR CONSTRUCTION AFTER THE DEVELOPMENT PLAN IS APPROVED WILL REQUIRE AT 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.

#### DEMOLITION NOTES:

- 1. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL, AND DISPOSING IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES, OF ALL STRUCTURES, PADS, WALLS, FLUMES, FOUNDATIONS, PARKING DRIVES, DRAINAGE, STRUCTURES, UTILITIES, ETC., SUCH THAT THE IMPROVEMENTS SHOWN ON THE REMAINING PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE COMPACTED FILL MATERIAL PER THE SPECIFICATIONS.
- 2. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION AND DISPOSAL.
- 3. THE CONTRACTOR SHALL COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES PRIOR TO THE REMOVAL AND/OR RELOCATION OF UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY CONCERNING PORTIONS OF WORK WHICH MAY BE PERFORMED BY THE UTILITY COMPANY FORCING ANY FEES WHICH ARE TO BE PAID TO THE UTILITY COMPANY FOR THEIR SERVICES. THE DEVELOPER IS RESPONSIBLE FOR PAYING ALL FEES AND CHARGES.
- 4. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES FOR ONSITE LOCATIONS OF EXISTING UTILITIES. NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
- 5. ALL EXISTING SEWERS, PIPING, AND UTILITIES SHOWN ARE NOT TO BE INTERPRETED AS THE EXACT LOCATION, OR AS THE ONLY OBSTACLES THAT MAY OCCUR ON THE SITE. VERIFY EXISTING CONDITIONS AND PROCEED WITH CAUTION AROUND ANY ANTICIPATED FEATURES. GIVE NOTICE TO ALL UTILITY COMPANIES REGARDING DESTRUCTION AND REMOVAL OF ALL SERVICE LINES BEFORE PROCEEDING WITH THE WORK. UTILITIES DETERMINED TO BE ABANDONED AND LEFT IN PLACE SHALL BE GROUTED IF UNDER BUILDINGS.
- 6. ELECTRICAL, TELEPHONE, CABLE, WATER, FIBER OPTIC CABLE, AND/OR GAS LINES NEEDING TO BE REMOVED OR RELOCATED SHALL BE COORDINATED WITH THE AFFECTED UTILITY COMPANY. ADEQUATE TIME SHALL BE PROVIDED FOR RELOCATION AND CLOSE COORDINATION WITH THE UTILITY COMPANY IS NECESSARY TO PROVIDE A SMOOTH TRANSITION IN UTILITY SERVICE.
- 7. CONTRACTOR SHALL PROTECT THE PUBLIC AT ALL TIMES WITH FENCING, BARRICADES, ENCLOSURES, COVERED WALKWAYS, ETC. CONTRACTOR SHALL SUBMIT THEIR STREET OCCUPANCY PLAN
- 8. PRIOR TO DEMOLITION OCCURRING, ALL APPLICABLE EROSION CONTROL DEVICES ARE TO BE INSTALLED.
- 9. THE CONTRACTOR MAY LIMIT SAWCUT AND PAVEMENT REMOVAL TO ONLY THOSE AREAS WHERE IT IS REQUIRED AS SHOWN ON THESE CONSTRUCTION PLANS, BUT IF ANY DAMAGE IS INCURRED ON ANY OF THE SURROUNDING PAVEMENT, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS REMOVAL AND REPAIR IN KIND.
- 10. DAMAGE TO ALL EXISTING CONDITIONS TO REMAIN WILL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- 11. CONTINUOUS ACCESS SHALL BE MAINTAINED FOR THE SURROUNDING PROPERTIES AT ALL TIMES DURING DEMOLITION OF THE EXISTING FACILITIES.

#### SITE PLAN NOTES:

- 1. PAVEMENT DESIGN SHALL BE PER THE RECOMMENDATION OF THE SOILS CONSULTANT.
- 2. THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANY TIME PER THE RECOMMENDATION/PLAN OF TRAFFIC ENGINEERING AND CITY
- 3. TRAFFIC CONTROL SIGNAGE SHALL BE IN ACCORDANCE WITH FEDERAL, STATE, COUNTY, CITY, AND LOCAL CODE, WHICHEVER HAS JURISDICTION.
- 4. CITY SIDEWALK AND CURB DAMAGED IN THE COURSE OF CONSTRUCTION TO BE REPLACED PER GRADING PLAN AND PER CITY OF MADISON STANDARD SPECIFICATIONS.
- 5. NEW APRONS SHALL BE CONSTRUCTED AND PLACED IN CONFORMANCE WITH THE CITY OF MADISON STANDARD DETAIL 3.02 FOR COMMERCIAL OPENINGS.

### **GRADING PLAN NOTES**

1. ALL GRADES ARE FINISH ELEVATION UNLESS NOTED OTHERWISE.

### CITY FORESTRY NOTES:

- AS DEFINED BY THE SECTION 107.13 OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION: NO EXCAVATION IS PERMITTED WITHIN 5 FEET OF THE TRUNK OF THE STREET TREE OR WHEN CUTTING ROOTS OVER 3 INCHES IN DIAMETER. IF EXCAVATION IS NECESSARY, THE CONTRACTOR SHALL CONTACT MADISON CITY FORESTRY (266-4816) PRIOR TO EXCAVATION. CITY OF MADISON FORESTRY PERSONNEL SHALL ASSESS THE IMPACT TO THE TREE AND TO ITS ROOT SYSTEM PRIOR TO WORK COMMENCING. TREE PROTECTION SPECIFICATIONS CAN BE FOND ON THE FOLLOWING WEBSITE: https://www.cityofmadison.com/business/pw/specs.cfm
- CONTRACTOR SHALL TAKE PRECAUTIOINS DURING CONSTRUCTION TO NOT DISFIGURE, SCAR, OR IMPAIR THE HEALTH OF ANY STREET TREE. CONTRACTOR SHALL OPERATE EQUIPMENT IN A MANNER AS TO NOT DAMAGE THE BRANCHES OF THE STREET TREE(S). THIS MAY REQUIRE USING SMALLER EQUIPMENT AND LOADING AND UNLOADING MATERIALS IN A DESIGNATED SPACE AWAY FROM TREES ON THE CONSTRUCTION SITE. ANY DAMAGE OR INJURY TO EXISTING STREET TREES (EITHER ABOVE OR BELOW GROUND) SHALL BE REPORTED IMMEDIATELY TO CITY FORESTRY AT 266-4816. PENALTIES AND REMEDIATION SHALL BE REQUIRED
- SECTION 107.13(G) OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ADDRESSES SOIL COMPACTION NEAR STREET TREES AND SHALL BE FOLLOWED BY CONTRACTOR. THE STORAGE OF PARKED VEHICLES, CONSTRUCTION EQUIPMENT, BUILDING MATERIALS, REFUSE, EXCAVATED SPOILS OR DUMPING OF POISONOUS MATERIALS ON OR AROUND TREES AND ROOTS WITHIN FIVE (5) FEET OF THE TREE OR WITHIN THE PROTECTION ZONE IS PROHIBITED.
- 4. STREET TREE PRUNING SHALL BE COORDINATED WITH MADISON FORESTRY AT A MINIMUM OF TWO WEEKS PRIOR TO THE START OF CONSTRUCTION FOR THIS PROJECT. ALL PRUNING SHALL FOLLOW THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) A300 - PART 1 STANDARDS FOR PRUNING.
- AT LEAST ONE WEEK PRIOR TO SIDEWALK INSTALLATION, CONTRACTOR SHALL CONTACT FORESTRY AT (608) 266-4816 TO SCHEDULE LIMITS OF EXCAVATION NEAR STREET TREES FOR SIDEWALK INSTALLATION

#### **EROSION CONTROL NOTES/SPECIFICATIONS:**

- EROSION CONTROL DEVICES AND/OR STRUCTURES SHALL BE INSTALLED PRIOR TO CLEARING AND GRUBBING OPERATIONS. THESE SHALL BE PROPERLY MAINTAINED FOR MAXIMUM EFFECTIVENESS UNTIL VEGETATION IS RE-ESTABLISHED.
- 2. EROSION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ACCEPTANCE OF THIS PROJECT. EROSION CONTROL MEASURES AS SHOWN SHALL BE THE MINIMUM PRECAUTIONS THAT WILL BE ALLOWED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECOGNIZING AND CORRECTING ALL EROSION CONTROL PROBLEMS THAT ARE THE RESULT OF CONSTRUCTION ACTIVITIES. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED IN WRITING BY THE STATE OR LOCAL INSPECTORS, OR THE DEVELOPER'S ENGINEER, SHALL BE INSTALLED WITHIN 24 HOURS.
- ALL EROSION CONTROL MEASURES AND STRUCTURES SERVING THE SITE MUST BE INSPECTED AT LEAST WEEKLY OR WITHIN 24 HOURS OF THE TIME 0.5 INCHES OF RAIN IS PRODUCED. ALL MAINTENANCE WILL FOLLOW AN INSPECTION WITHIN 24 HOURS. INSPECTION SCHEDULE AND RECORD KEEPING SHALL COMPLY WITH NR 216.46(9), WIS. ADM. CODE AND CITY OF MADISON
- 4. CONSTRUCTION ENTRANCES PROVIDE A STONE TRACKING PAD AT EACH POINT OF ACCESS. INSTALL ACCORDING TO WDNR STANDARD 1057. REFER TO WDNR'S STORMWATER WEB PAGE OF TECHNICAL STANDARDS AT: HTTP://DNR.WI.GOV/TOPIC/STORMWATER/STANDARDS/CONST\_STANDARDS.HTML. THE TRACKING PAD MUST BE MAINTAINED IN A CONDITION THAT PREVENTS THE
- 5. TEMPORARY STABILIZATION USING ANIONIC POLYMER. AFTER NOVEMBER 1, 2020, ANIONIC POLYACRYLAMIDE WILL BE APPLIED TO ALL DISTURBED AREAS WHERE THE MUNICIPALITY'S ENGINEER OR WDNR REPRESENTATIVES DEEM STABILIZATION AND/OR EROSION TO BE PROBLEMATIC. APPLICATION OF POLYACRYLAMIDE WILL BE ACCORDING TO WDNR CONSERVATION PRACTICE STANDARD 1050, EROSION CONTROL LAND APPLICATION OF ANIONIC POLYACRYLAMIDE. REFER TO WDNR'S STORMWATER WEB PAGE OF TECHNICAL STANDARDS AT: HTTP://DNR.WI.GOV/TOPIC/STORMWATER/STANDARDS/CONST\_STANDARDS.HTML
- 6. SOIL STOCKPILES A ROW OF SILT FENCE PLACED DOWNSLOPE AND AT LEAST 10 FEET AWAY FROM THE STOCKPILE SHALL PROTECT ALL STOCKPILES. SOIL STOCKPILES THAT ARE INACTIVE FOR MORE THAN 14 CONSECUTIVE DAYS SHALL BE STABILIZED WITH SEED & MULCH, EROSION MAT, POLYMER, OR COVERED WITH TARPS OR SIMILAR MATERIAL. NO STOCKPILE SHALL BE PLACED
- 7. DEWATERING WATER PUMPED FROM THE SITE SHALL BE TREATED BY USING A TEMPORARY SEDIMENTATION BASIN, PORTABLE DEWATERING BASIN, GEOTEXTILE BAG, OR AN EQUIVALENT DEVICE. SHOW ON THE PLAN THE ANTICIPATED LOCATIONS OF DEWATERING ACTIVITY, AND PROVIDE AN ENGINEERING DETAIL OF THE DEWATERING SYSTEM. DEVISES SHALL COMPLY WITH WDNR FECHNICAL STANDARD 1061 FOUND AT: HTTP://DNR.WI.GOV/TOPIC/STORMWATER/STANDARDS/CONST\_STANDARDS.HTML THIS WATER SHALL BE DISCHARGED IN A MANNER THAT DOES NOT INDUCE EROSION OF THE SITE OR ADJACENT PROPERTY. PUMP SIZE (MAX GPM) TYPE I BAG SIZE (SQ-FT)
- STORM SEWER INLETS PROVIDE WDOT TYPE D "CATCHALL" INLET PROTECTION OR EQUIVALENT. REFER TO WDOT PRODUCT ACCEPTABILITY LIST AT: HTTP://WWW.DOT.WISCONSIN.GOV/BUSINESS/ENGRSERV/PAL.HTM. INLET PROTECTION SHALL BE INSTALLED PRIOR TO THE STORM SEWER SYSTEM RECEIVING SITE RUNOFF. OTHER THAN FOR PERFORMING MAINTENANCE, THESE DEVICES SHALL NOT BE REMOVED UNTIL SITE STABILIZATION IS COMPLETE.
- 9. BUILDING AND WASTE MATERIALS SHALL BE PREVENTED FROM RUNNING-OFF THE SITE AND ENTERING WATERS OF THE STATE IN CONFORMANCE WITH NR151.12(6M).
- 10. NO SOLID MATERIAL SHALL BE DISCHARGED OR DEPOSITED INTO WATERS OF THE STATE IN VIOLATION OF CH. 30 OR 31 OF THE WISCONSIN STATE STATUTES OR 33 USC 1344 PERMITS.
- 11. EROSION CONTROL DEVICES SHALL ADHERE TO THE TECHNICAL STANDARDS FOUND AT: HTTP://DNR.WI.GOV/RUNOFF/STORMWATER/TECHSTDS.HTM AND COMPLY WITH ALL CITY OF MADISON
- 12. ALL DEBRIS TRACKED ONTO PUBLIC STREETS SHALL BE SWEPT OR SCRAPED CLEAN BY THE END OF EACH WORKDAY.
- 13. ALL BUILDING AND WASTE MATERIAL SHALL BE HANDLED PROPERLY TO PREVENT RUNOFF OF THESE MATERIALS OFF OF THE SITE.
- 14. ALL DISTURBED AREAS, EXCEPT PAVED AREAS, SHALL RECEIVE A MINIMUM OF FOUR (4) INCHES OF TOPSOIL, FERTILIZER, SEED, AND MULCH. SEED MIXTURES SHALL BE SELECTED APPROPRIATE TO THE INTENDED FUNCTION. A QUALIFIED LANDSCAPING CONTRACTOR, LANDSCAPE ARCHITECT OR NURSERY CAN BE CONSULTED FOR RECOMMENDATIONS. SEEDING RATES SHALL BE BASED ON POUNDS OR OUNCES OF PURE LIVE SEED PER ACRE AND SHALL BE PROVIDED BY THE SEED SUPPLIER. FERTILIZER CAN BE APPLIED TO HELP PROMOTE GROWTH, BUT A SOIL TEST IS RECOMMENDED TO DETERMINE THE TYPE AND AMOUNT OF FERTILIZER TO BE APPLIED. ALL SEEDING AND RESTORATION SHALL BE IN CONFORMANCE TO WDNR TECHNICAL STANDARD 1059 FOUND AT HTTP://DNR.WI.GOV/TOPIC/STORMWATER/STANDARDS/CONST\_STANDARDS.HTML. SEEDING AND SODDING MAY ONLY BE USED FROM MAY 1ST TO SEPTEMBER 15TH OF ANY YEAR. TEMPORARY SEED SHALL BE USED AFTER SEPTEMBER 15. IF TEMPORARY SEEDING IS USED, A PERMANENT COVER SHALL ALSO BE REQUIRED AS PART OF THE FINAL SITE STABILIZATION.
- 15. FOR THE FIRST SIX (6) WEEKS AFTER THE INITIAL STABILIZATION OF A DISTURBED AREA, WATERING SHALL BE PERFORMED WHENEVER MORE THAN SEVEN (7) DAYS OF DRY WEATHER ELAPSE.

#### **EMERGENCY CONTACT**

SCHEDULE: MARCH 1, 2022 SILT FENCE AND CONSTRUCTION ENTRANCE INSTALLED AND BEGIN

APRIL 1, 2022 PLACE PRIVATE ROADWAY BASE AND BEGIN BUILDING CONSTRUCTION. PLACE ROADWAY PAVEMENT AND TOPSOIL SITE. PLACE SEED AND MULCH JULY 15, 2022 AFTER SITE IS STABILIZED, INSTALL ENGINEERED SOIL, AND BIO RETENTION SEPTEMBER 15, 2022

MARCH 1, 2023 PROJECT COMPLETE

PLANTINGS.

LEGEND ACCESSIBLE ROUTE EXISTING EASEMENT PROPERTY BOUNDARY PARKING STALL COUNT L.S. LANDSCAPED AREA BITUMINOUS PAVEMENT CONC. CONCRETE PAVEMENT <del>/-</del>1041.02 SPOT GRADE EXISTING GRADE SIDEWALK EDGE OF PAVEMENT FLOW LINE LOW POINT HIGH POINT TOP OF CURB TOP OF WALL BOTTOM OF WALL FOW FRONT OF WALK EXP EXPOSURE PROPOSED SANITARY SEWER PROPOSED STORM SEWER PROPOSED WATER LATERAL UTILITY LINE DEMOLITION TREE REMOVAL EXISTING MINOR CONTOUR — ·1041· — — EXISTING MAJOR CONTOUR PROPOSED MINOR CONTOUR PROPOSED MAJOR CONTOUR PROPOSED RIDGE LINE PROPOSED SWALE/DITCH ACCESSIBLE PARKING SIGN (NO VISUAL OBSTRUCTIONS BETWEEN HEIGHTS OF 30" AND 10 CONSTRUCTION ENTRANCE ---- x ---- SAW CUT / REMOVAL LIMITS ---- DISTURBANCE LIMITS SILT FENCE

CHECK DAM

DIVERSION BERM

INLET PROTECTION

USLE FLOW PATH

18" ACCEPT CURB & GUTTER

Phone: 608-250-9263 Fax: 608-250-9266 e-mail: Mburse@BSE-INC.net www.bursesurveyengr.com

OR

2801 International Lane, Suite 101

Madison, WI 53704

PROJECT #: BSE2055-21 PLOT DATE: 9/15/2021 **REVISION DATES:** 

**ISSUE DATES:** 9/15/2021

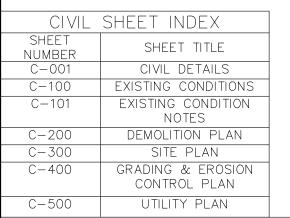
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eproduced, distributed, used or disclosed either in whole or in part, except as pecifically authorized by Burse Surveyin and Engineering, Inc. DRAWING NUMBER

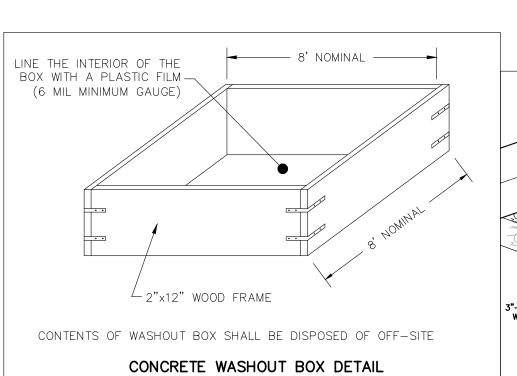
C-001

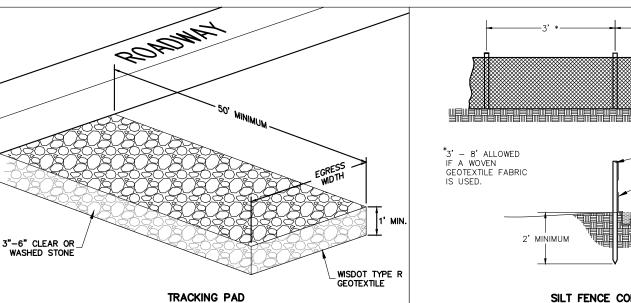
CREST=847.00 - TOP OF BERM AT ELEV. 12" PONDING EL=VARIES ∰—— EROSION MAT — 30" ENGINEERED SOIL --- NATIVE SOIL - 4" PERFORATED HDPE PIPE W/ SOCK -8" OVERFLOW CULVERT OUTLET TO STORM SEWER INLE SURFACE MULCH LAYER PLACE EROSION MAT ON SURFACE. ENGINEERED SOIL SHALL CONSIST OF A MIX OF THE FOLLOWING: 70% - TORPEDO OR MASON SAND. • 30% - COMPOST (PER DNR S100). BIORETENTION DEVICE TYPICAL CROSS SECTION

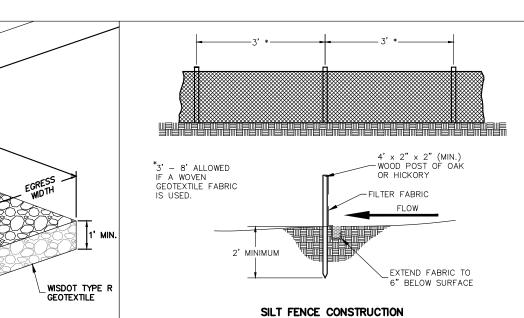
NOT FOR CONSTRUCTION

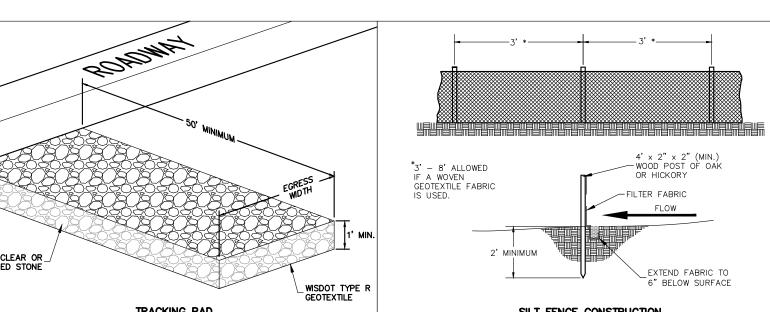


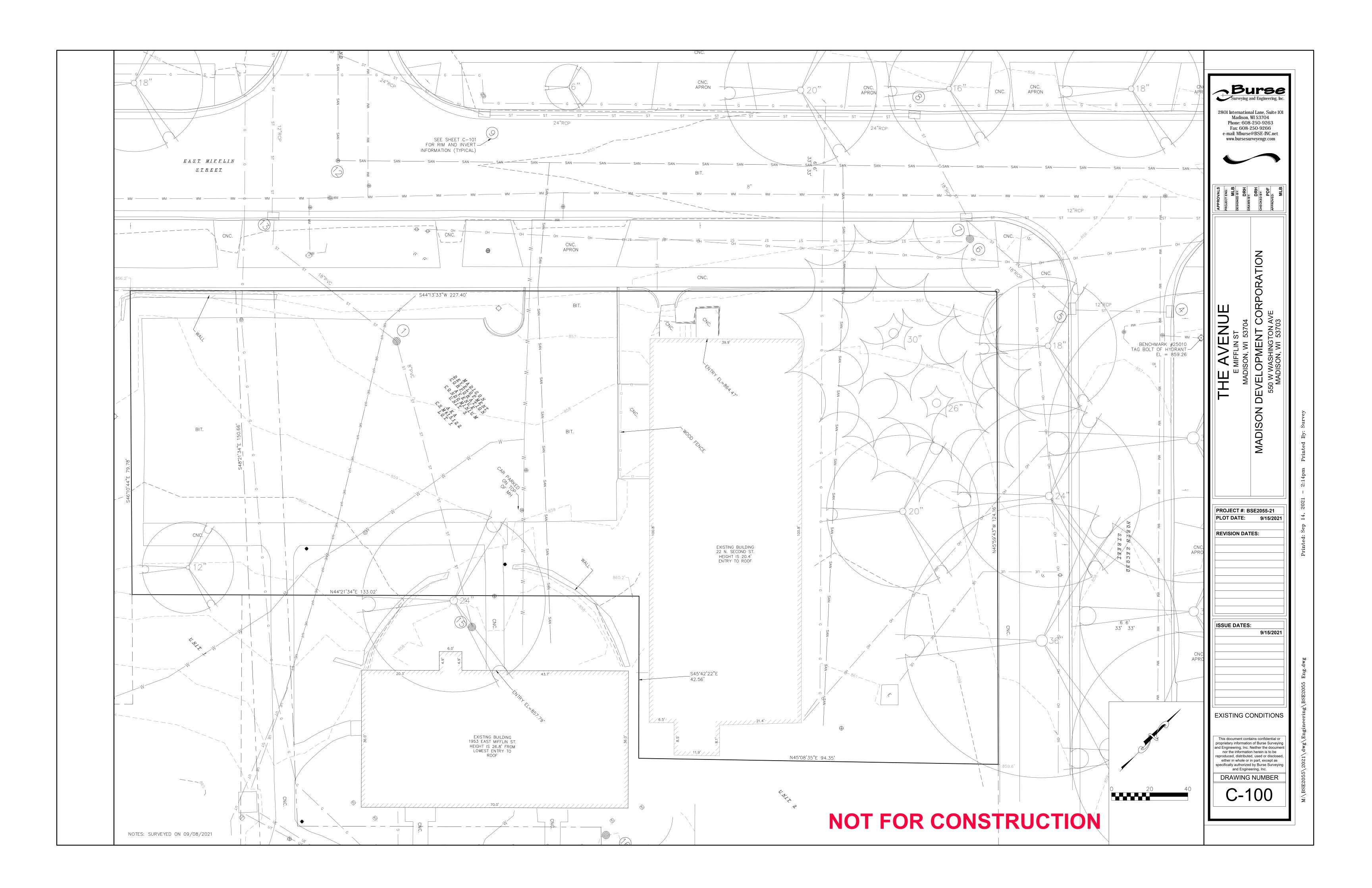












#### PROPERTY DESCRIPTION

PART OF LOT 1, CERTIFIED SURVEY MAP NUMBER 15122, AS RECORDED IN VOLUME 107 OF CERTIFIED SURVEY MAPS, ON PAGES 104—107, AS DOCUMENT NUMBER 5486075, DANE COUNTY REGISTRY, NOW KNOWN AS MADISON DEVELOPMENT CORPORATION AVENUE CONDOMINIUM AS RECORDED IN VOLUME 7-093B OF CONDO PLATS, ON PAGES 1-2, AS DOCUMENT NUMBER 5488207, DANE COUNTY REGISTRY, ALL LOCATED IN THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 06, TOWNSHIP 07 NORTH, RANGE 10 EAST, CITY OF MADISON, DANE COUNTY, WISCONSIN.

#### **EXISTING CONDITION NOTES:**

1) Except as specifically stated or shown on this map, this survey does not purport to reflect any of the following which may be applicable to the subject real estate: easements; building setback lines; restrictive covenants; subdivision restrictions; zoning or other land use regulations; and any other facts that an accurate and current title search may disclose. Survey was performed without the benefit of a title report.

2) No attempt has been made as a part of this survey to obtain or show data concerning existence, size, depth, condition, capacity, or location of any utility or municipal/public service facility. For information regarding these utilities or facilities, please contact the appropriate agencies.

3) Date of field work: August 24—25, 2021

4) Surveyor has made no investigation or independent search for easements of record, encumbrances, restrictive covenants, ownership title evidence, or any other facts that an accurate and current title

5) All surface and subsurface improvements on and adjacent to the site are not necessarily shown

6) All trees, hedges and ground cover on the site may not necessarily be shown hereon.

7) Routing of public utilities is based upon drawings obtained from the City of Madison Engineering Department, markings provided by Digger's Hotline and visible above ground structures. Additional buried utilities/structures may be encountered. No excavations were made to located utilities. Before excavations are performed contact Digger's Hotline.

8) Total parcel area = 22,262 square feet

9) Elevations are based upon NAVD88 datum. Elevations are transferred to the site utilizing RTK GPS surveying while observing the WISCORS Network.

	EXISTING CONDITIONS LEGEND		
	MAG NAIL SET	AC	AIR CONDITIONER
•	3/4" SOLID IRON ROD FOUND	īV	TV PEDESTAL
•	1" IRON PIPE FOUND UNLESS NOTED	E	ELECTRIC PEDESTAL
×	FOUND CHISELED "X" IN CONCRETE	Ø	UTILITY POLE
	FOUND NAIL	Ø	LIGHT POLE
0	3/4" X 18" SOLID IRON RE-ROD SET, WT. 1.50	3,5	GROUND LIGHT
	lbs./ft.		TELEPHONE PEDESTAL
× 851.2'	SPOT ELEVATION		FIRE HYDRANT
— ОН —	- OVERHEAD UTILITY WIRE		SIGN
G	- BURIED GAS LINE	·	GUY WIRE
WM	- WATER MAIN	•	MAILBOX
SAN	- SANITARY SEWER	•	BOLLARD
ST	- STORM SEWER		STORM SEWER INLET
UT	- BURIED TELEPHONE	(E)	ELECTRIC MANHOLE
UE	- BURIED ELECTRIC	(TP)	TELEPHONE MANHOLE
UTV	- BURIED CABLE ACCESS TELEVISION LINE	(ST)	STORM SEWER MANHOLE
F0	- BURIED FIBER OPTIC		ROUND CATCH BASIN
<b>W</b>	WATER VALVE		STORM SEWER STRUCTURE
©	GAS VALVE	(SN)	SANITARY SEWER MANHOLE
G	GAS METER	BIT.	BITUMINOUS PAVEMENT
100	DECIDUOUS TREE (DBH IN INCHES)	CNC.	CONCRETE PAVEMENT
	DECIDOOOS TREE (DBH IN INCHES)	( )	INDICATES RECORDED AS
) In the second of the secon	CONIFEROUS TREE (DBH IN INCHES)		DISTANCES ARE MEASURED TO THE NEAREST HUNDREDTH OF A FOOT. BUILDINGS ARE

#### STORM SEWER AND SANITARY SEWER ELEVATION TABLE NUMBER RIM/TC ELEVATION ELEVATION ELEVATION DESCRIPTION 1 857.03 N 851.08 S 851.58 FLR 850.93 3.5' DIAMETER CATCH BASIN 856.23 IE 847.98 SANITARY SEWER MANHOLE 856.32 E 853.22 STORM SEWER CURB INLET STORM SEWER CURB INLET 4 856.94 W 853.89 5 856.93 E 852.93 NW 852.28 STORM SEWER CURB INLET 6 855.96 W 851.76 FLR 851.76 E 852.76 2' DIAMETER CATCH BASIN 855.76 E 851.96 N 851.70 S 851.76 STORM SEWER CURB INLET 8 855.77 S 851.57 STORM SEWER CURB INLET 9 855.02 FLR 850.92 STORM SEWER CURB INLET STORM SEWER CURB INLET 10 854.50 E 850.43 W 850.40 11 854.64 UNABLE TO OPEN STORM STRUCTURE 12 854.75 E 846.62 N 846.55 SANITARY SEWER MANHOLE 13 854.89 S 850.74 W 850.85 N 850.69 STORM SEWER CURB INLET 14 854.43 W 847.08 SANITARY SEWER MANHOLE

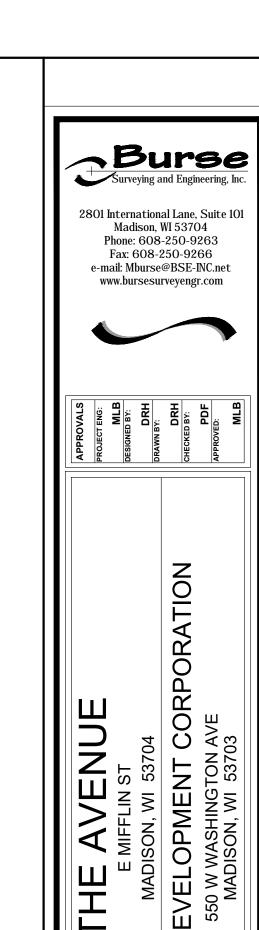
3.5' DIAMETER CATCH BASIN

3.5' DIAMETER CATCH BASIN

## NOT FOR CONSTRUCTION

15 857.25 NE 855.40

16 862.64 E 859.87 W 859.89



ISSUE DATES: 9/15/2021

**EXISTING CONDITION** NOTES

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DRAWING NUMBER C-101

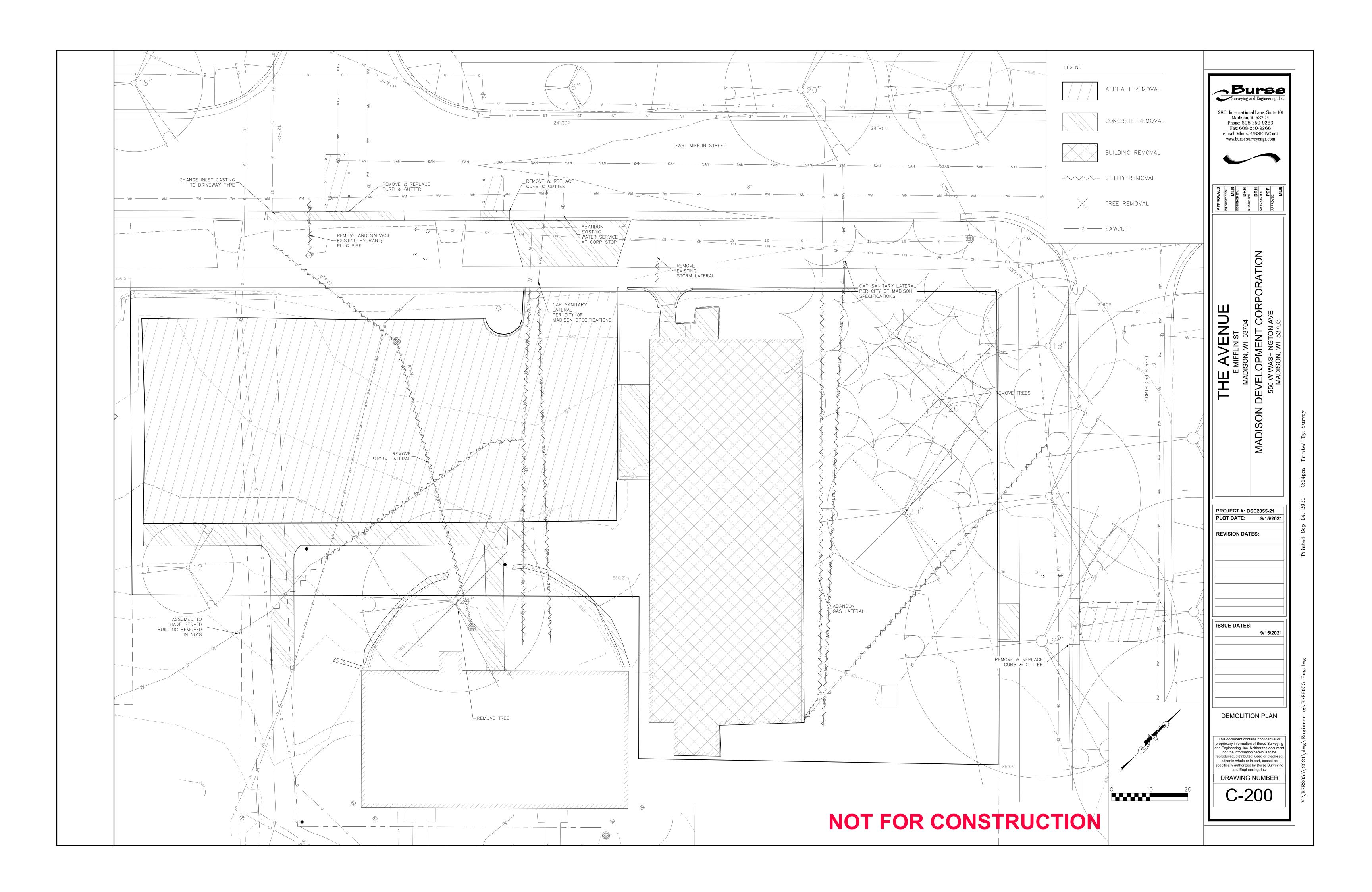
MEASURED TO THE NEAREST TENTH OF A FOOT.

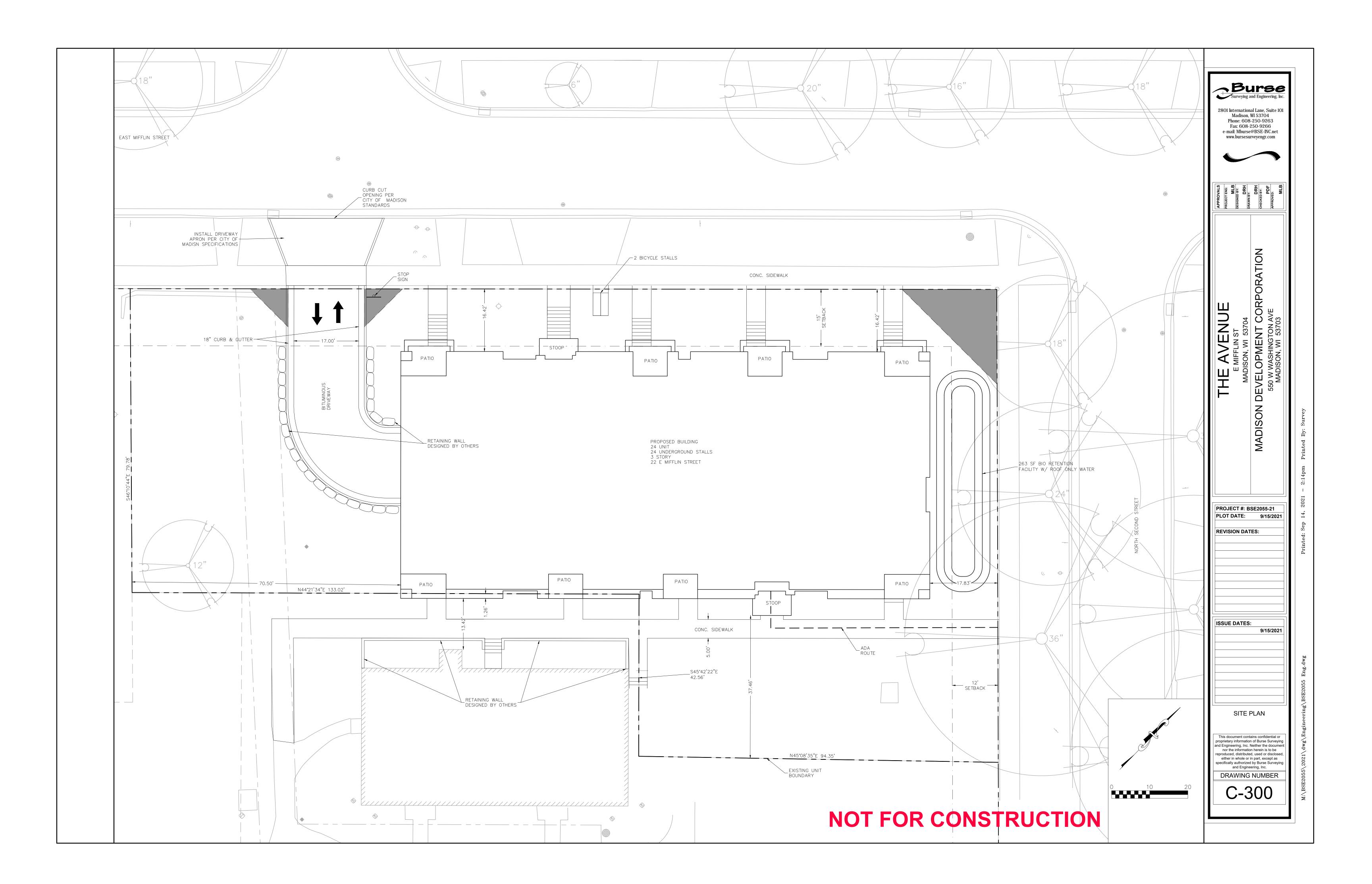
PLOT DATE: 9/15/2021

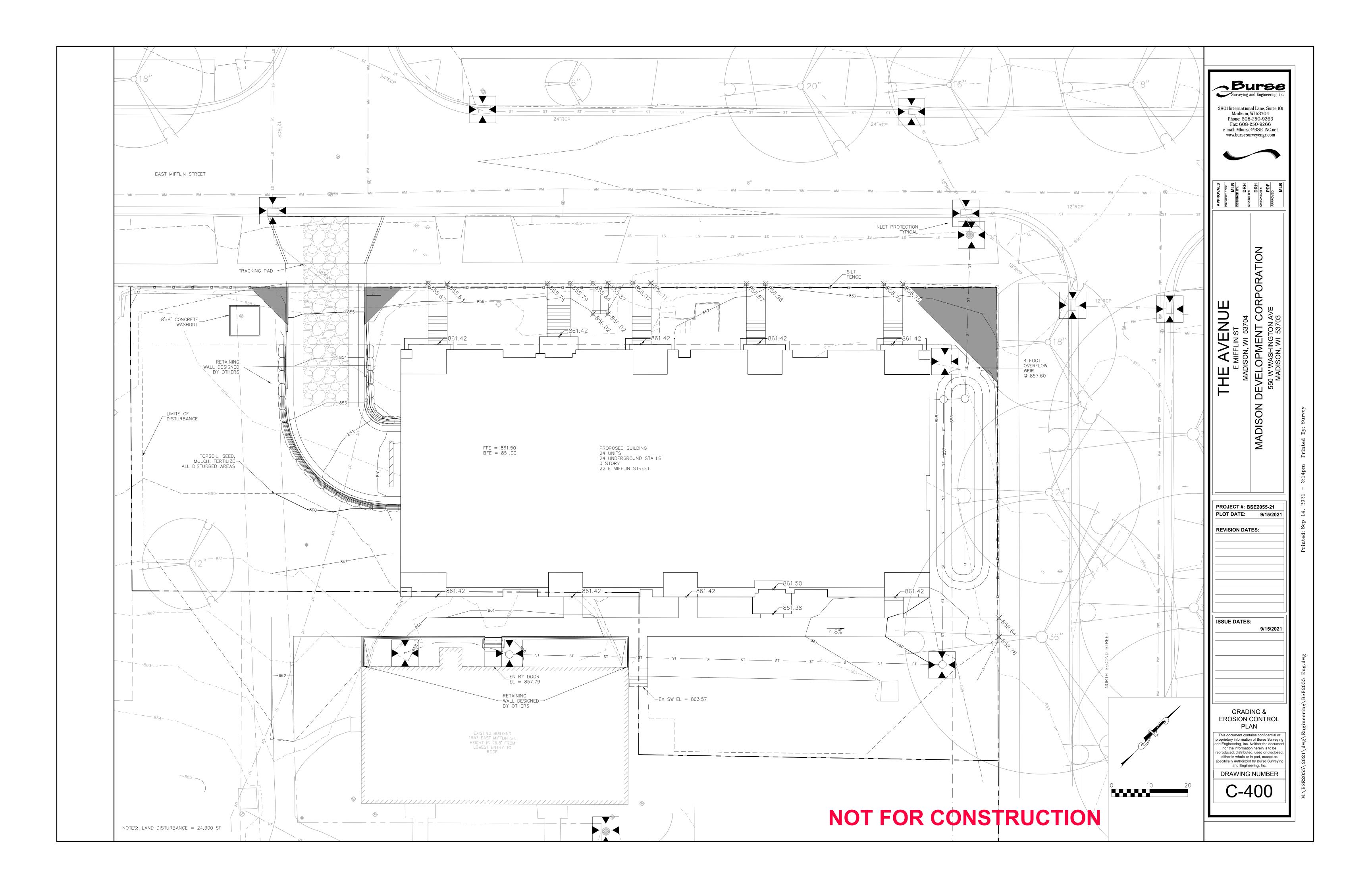
MADISON

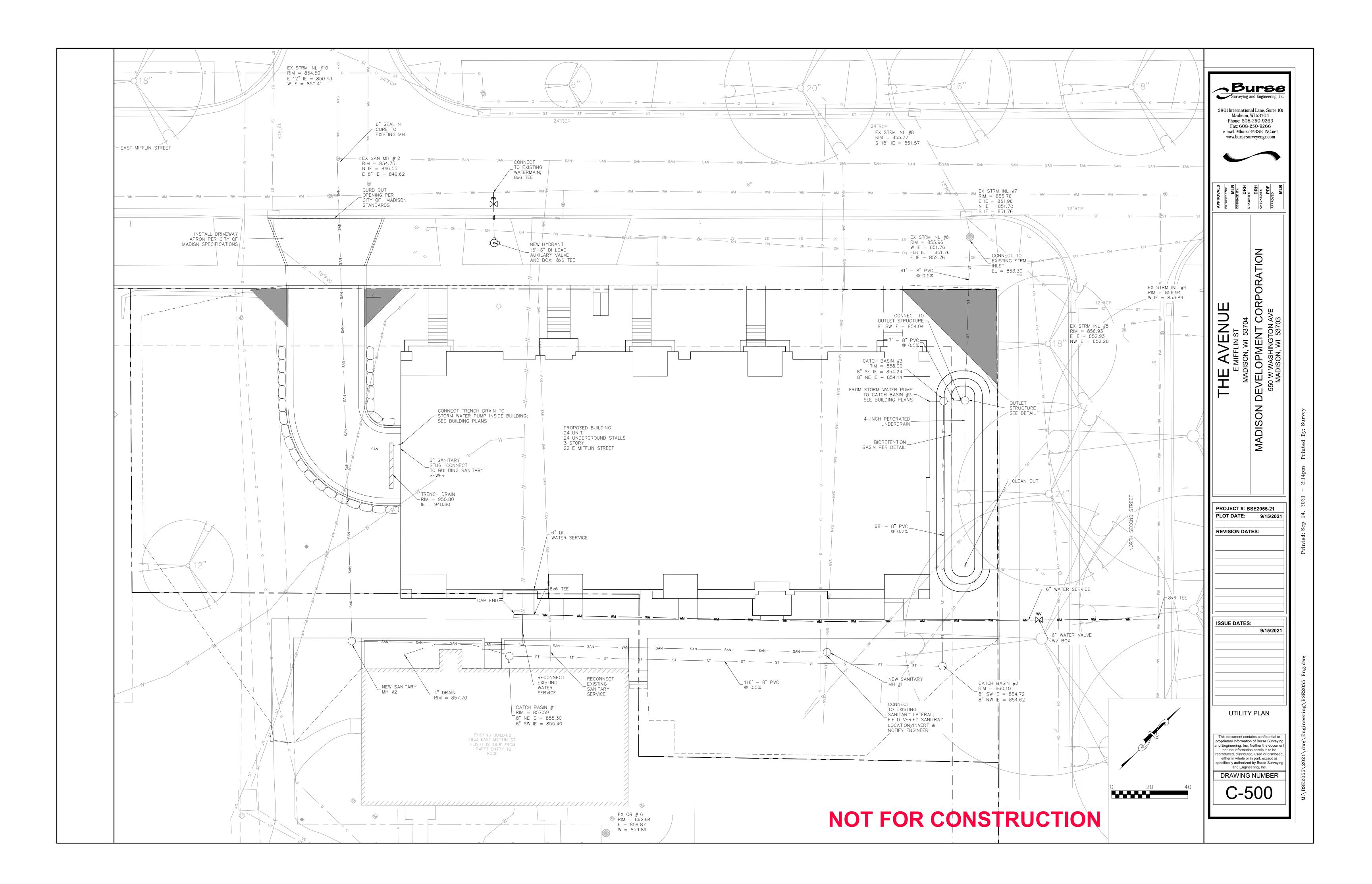
PROJECT #: BSE2055-21

REVISION DATES:

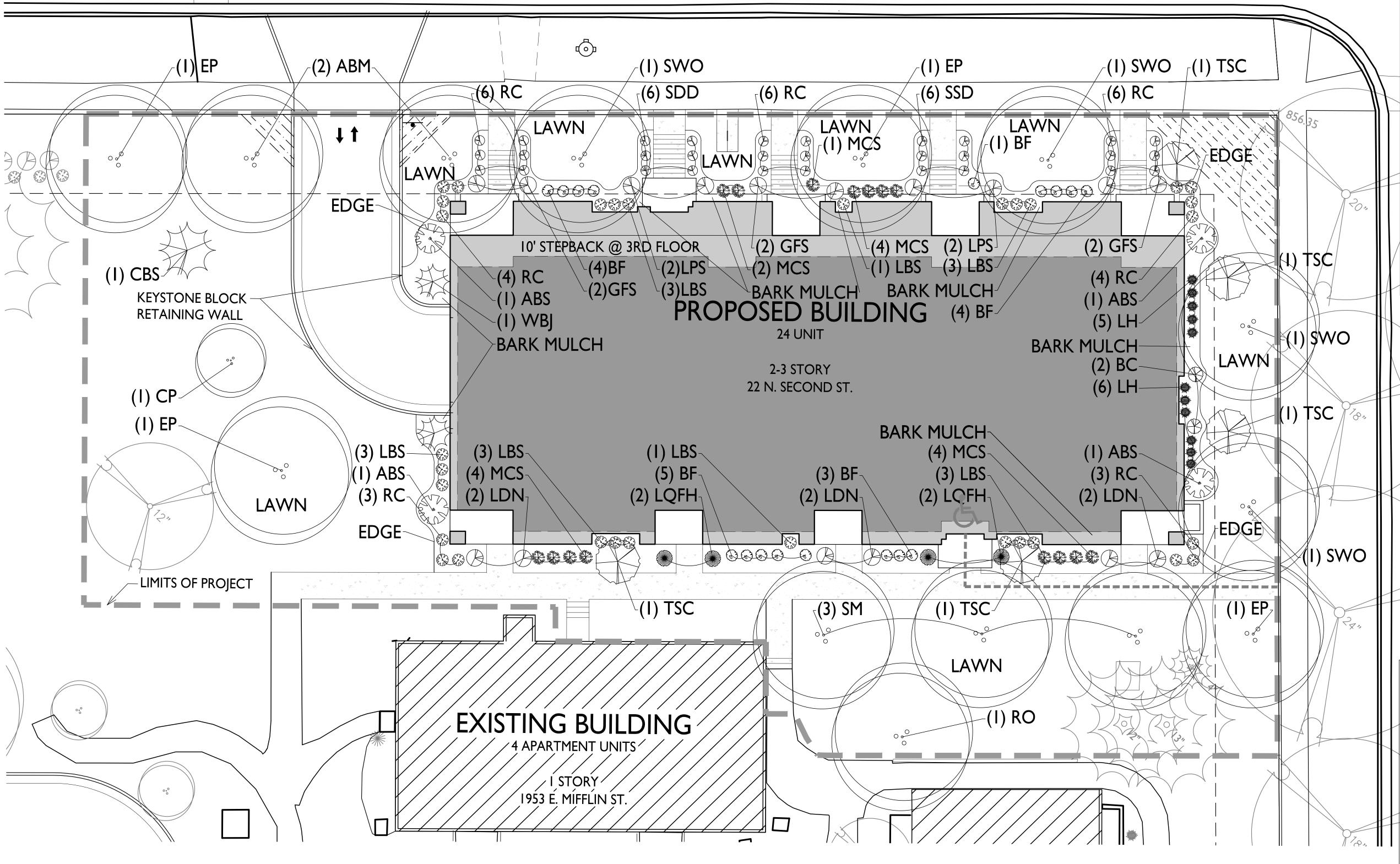








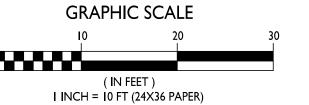
### EAST MIFFLIN STREET



NOTE 'A': EXISTING STREET TREES AS NOTED ON LANDSAPE SHEET L-1.2 SHALL BE PROTECTED. CONTRACTOR SHALL INSTALL TREE PROTECTION FENCING IN THE AREA BETWEEN THE CURB AND THE 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 THE TREE TRUNK.







**PLANT LIST** The Avenue – Expansion

KEY SIZE QUAN COMMON NAME Botanical Name Exclamation Planetree Platanus 2 ½" 4 RO 2½" 1 SM 2½" 3 Quercus Rubrum Acer Saccharum Sugar Maple SWO 2½" 4 Swamp White Oak Quercus Bicolor Ornamental Trees
Cleveland Select Pear Pyrus Calleryana 'Cleveland Select' Tina Sargent Crab Tina Malus Sargentii 'Tina' Evergreen Trees
Blue Colorado Spruce Picea Pungens Glauca CBS 4' Amelanchier Grandiflora 'A B' Aronia Melanocarpa Black Chokeberry Gold Flame Spirea Spirea Japonica Little Devil Ninebark Little Princess Spirea Spirea Japonica 'Little Princess' Little Quickfire H Magic Carpet Spirea Spirea Japonica 'Magic Carpet' Wichita Blue Juniper Juniperus Sceloporus Little Bluestem Grass Loyalist Hosta SDD 1 G 12 Stella De Oro Day Lily 1) Lawn areas to receive a minimum of 4" of topsoil, starter fertilizer, and # 1 locally grown 2) Foundation planting beds to be mulched with shredded hardwood bark spread to a depth

3) Individual trees and shrub groupings in lawn areas to receive shredded hardwood bark mulch spread to a depth of 3" 4) Designated planting beds to be separated from lawn areas with 5" black vinyl bed edging.

Land Use & UDC Submittal - September 15, 2021

ARCHITECTS

Phone: 7601 University Ave, Ste 201 608.836.3690 Middleton, WI 53562

PROJECT TITLE The Avenue Expansion **Madison** Development

Corp.

**Landscape Points Required** 2,775 SF Developed Area = 38 points Landscape Points: 2,275/300 x 5 = **Total Landscape Points Required** 38 points

LANDSCAPE WORKSHEET
The Avenue – Expansion

Landscape Points Supplied Existing canopy trees – 0 @ 35 = Proposed canopy trees - 14 @ 35 = 490 points Existing evergreen trees – 0 @ 35 = 0 points Proposed evergreen trees – 1 @ 35 = Existing ornamental trees - 0 @ 15 = 35 points 0 points Proposed ornamental trees - 4 @ 15 = 60 points Existing upright evergreen shrubs – 0 @ 10 = Proposed upright evergreen shrubs – 1 @ 10 = Existing deciduous shrubs – 0 @ 3 = 0 points 10 points 0 points Proposed deciduous shrubs - 58 @ 3 = 174 points Existing evergreen shrubs – 0 @ 4 = 0 points Proposed evergreen shrubs – 30 @ 4 = 120 points Existing perennials & grasses 0 @ 2 = 0 points Proposed perennials & grasses 40 @ 2 = 80 points

<u>Lot Frontage Landscape Required</u> (Section 28.142(5) Development Frontage Landscaping)

Total landscape points supplied =

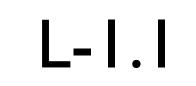
"One (1) over-story deciduous tree and five (5) shrubs shall be planted for each thirty (30) lineal feet of lot frontage. Two (2) ornamental trees or two (2) evergreen trees may

be used in place of one (1) over-story deciduous tree."	( )	Ü	·
E Mifflin St & 2 <sup>nd</sup> Street =			335 LF
Over story trees required 335'/30' = 11.2 Shrubs required (335'/30') x 5 = 55.8			11 trees 56 shrubs
Over story trees supplied Ornamental/Evergreen trees supplied Shrubs supplied			9 trees 4 trees 56 shrubs

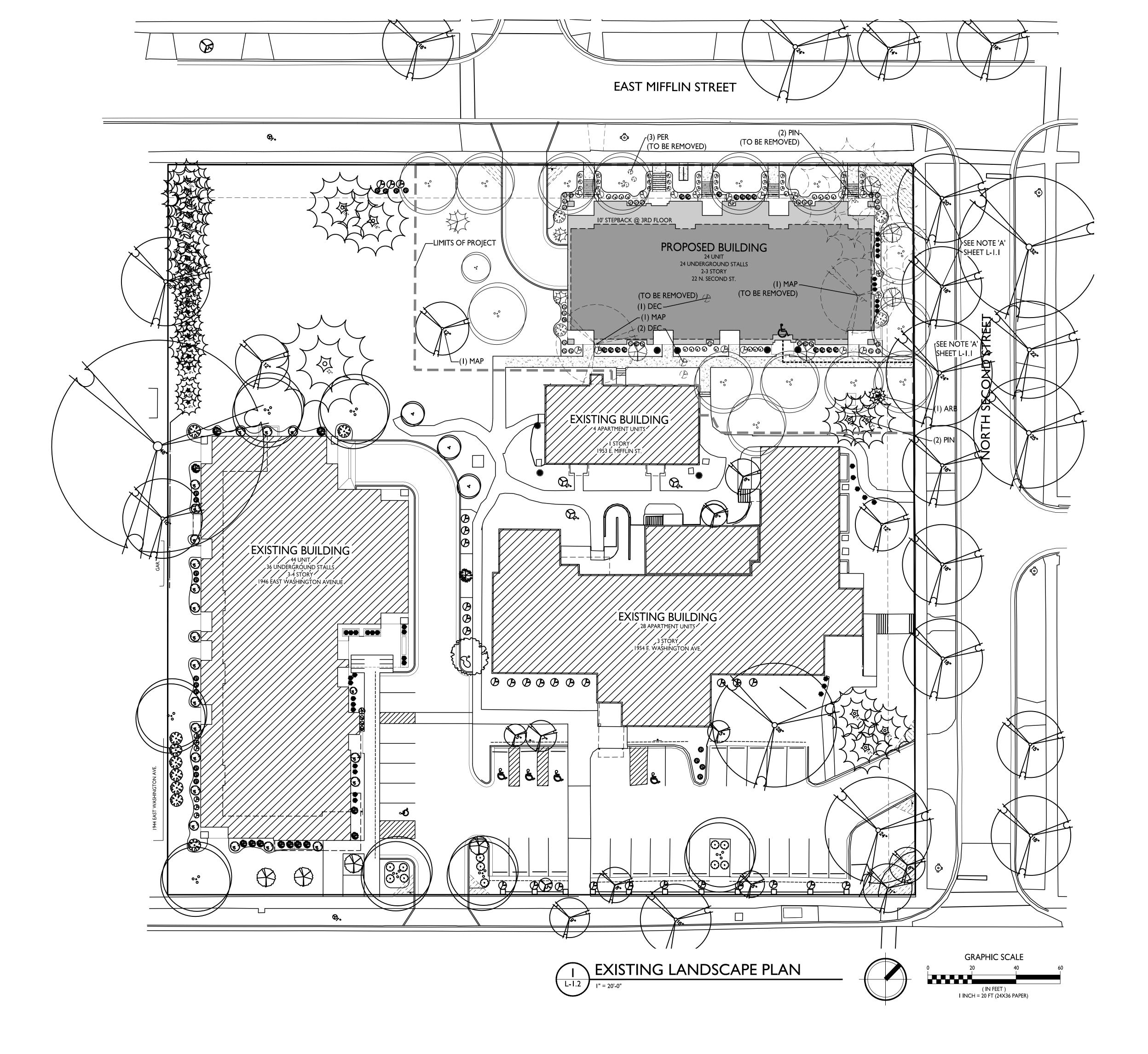
Site Address: 22 N. Second Street Landscape Plan

SHEET NUMBER

969 points



PROJECT NO. © Knothe & Bruce Architects, LLC





Land Use & UDC Submittal - September 15, 2021

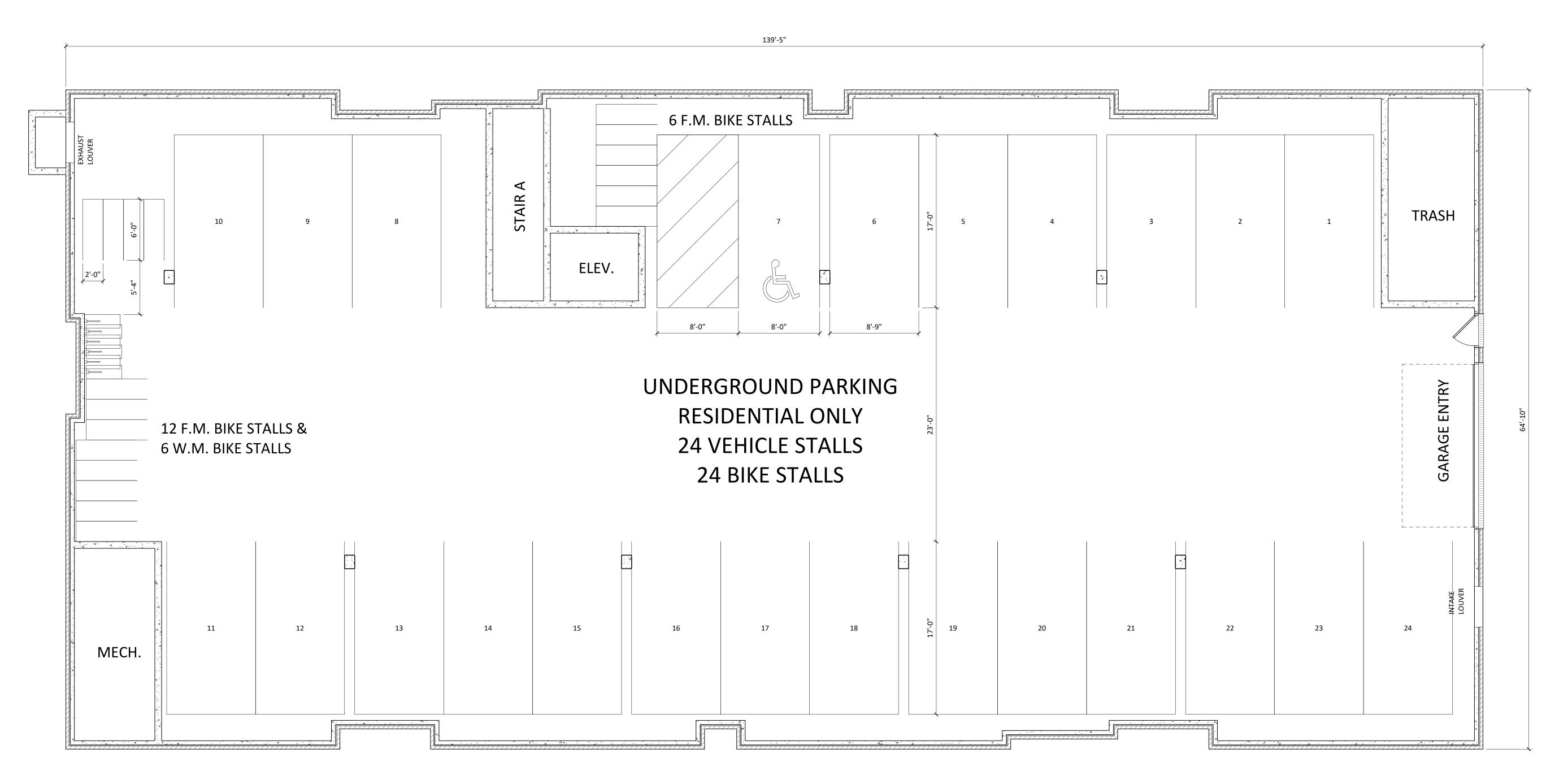
PROJECT TITLE The Avenue Expansion **Madison** Development Corp.

Site Address: 22 N. Second Street Existing Landscape Plan

SHEET NUMBER

PROJECT NO. 2111

© Knothe & Bruce Architects, LLC



1 00 - BASEMENT A-1.0 3/16" = 1'-0" knothe bruce
ARCHITECTS
Phone:
608.836.3690

KEY PLAN

Land Use & UDC Submittal - September 15, 2021

Madison
Development
Corp Avenue
Expansion

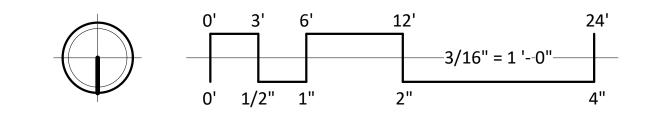
22 North Second Street
Madison
Wisconsin 53704

SHEET TITLE
BASEMENT
FLOOR PLAN

SHEET NUMBER

A-1.0

PROJECT NUMBER 2111
© Knothe & Bruce Architects, LLC





1 01 - FIRST FLOOR A-1.1 3/16" = 1'-0"



KEY PLAN

ISSUED Land Use & UDC Submittal - September 15, 2021

PROJECT TITLE Madison Development Corp Avenue Expansion

22 North Second Street Madison Wisconsin 53704 SHEET TITLE FIRST FLOOR PLAN

SHEET NUMBER

PROJECT NUMBER 2111 © Knothe & Bruce Architects, LLC



1 02 - SECOND FLOOR A-1.2 3/16" = 1'-0"



KEY PLAN

ISSUED
Land Use & UDC Submittal - September 15, 2021

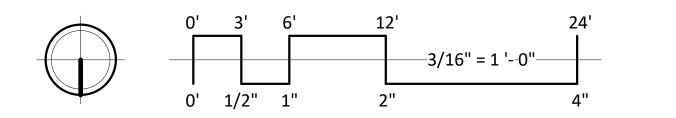
Madison
Development
Corp Avenue
Expansion

22 North Second Street
Madison
Wisconsin 53704

SHEET TITLE
SECOND FLOOR
PLAN

SHEET NUMBER







1 03 - THIRD FLOOR A-1.3 3/16" = 1'-0"

0' 3' 6' 12' 3/16" = 1 '--0" 4"



KEY PLAN

ISSUED
Land Use & UDC Submittal - September 15, 2021

Madison
Development
Corp Avenue
Expansion

22 North Second Street
Madison
Wisconsin 53704

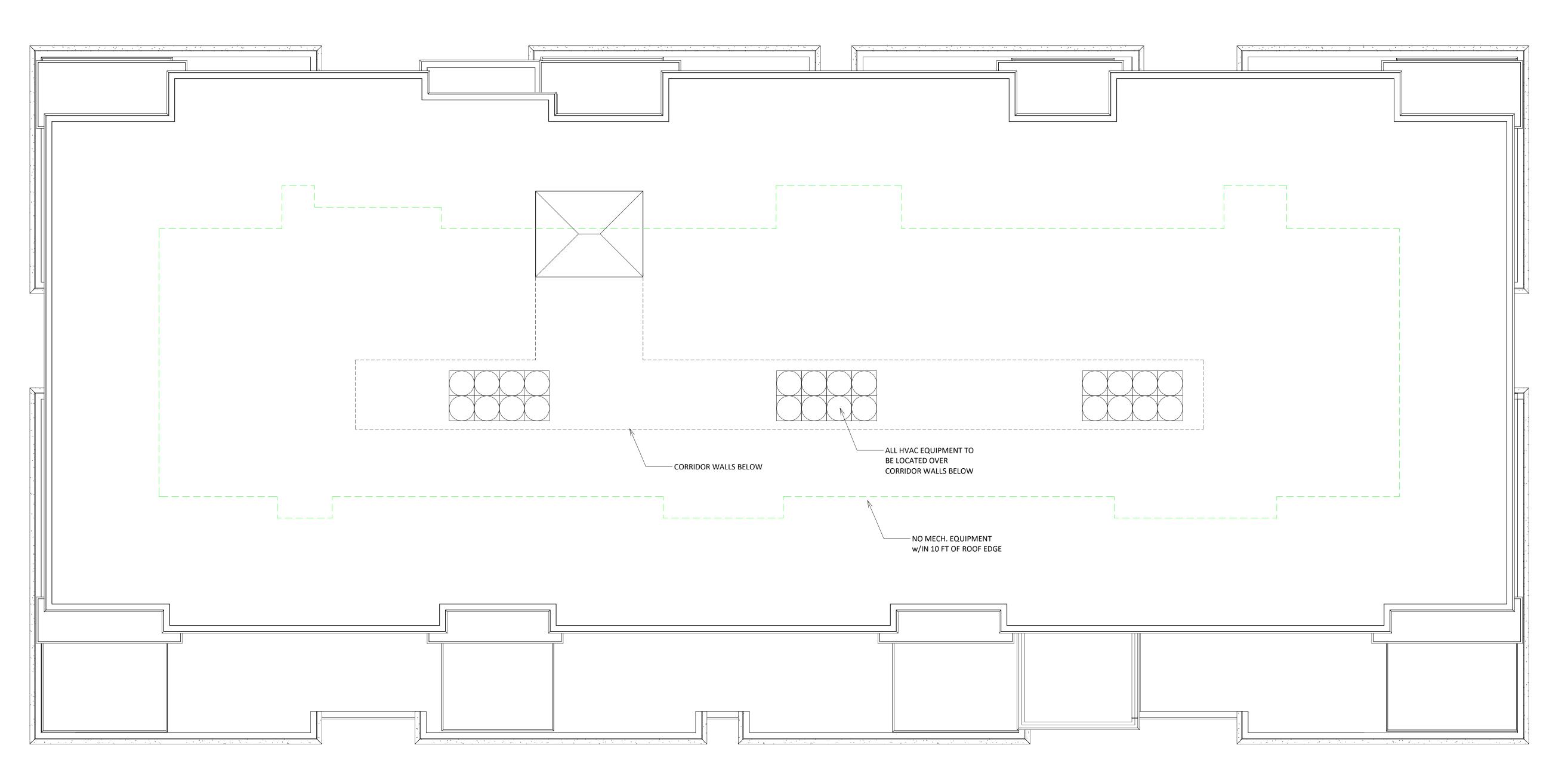
SHEET TITLE
THIRD FLOOR
PLAN

SHEET NUMBER

A-1.3

PROJECT NUMBER 2111

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1 04 - ROOF PLAN 3/16" = 1'-0"



KEY PLAN

ISSUED

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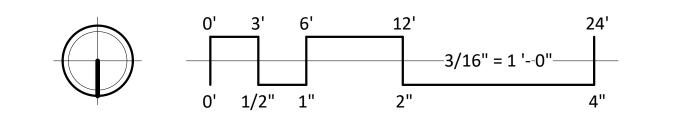
Madison
Development
Corp Avenue
Expansion

22 North Second Street
Madison
Wisconsin 53704

SHEET TITLE
ROOF PLAN

SHEET NUMBER









1 ELEVATION - NORTH 1/8" = 1'-0"

PARAPET \_\_\_\_ 135'-9 3/4" COMPOSITE TRIM — ROOF BEARING TRUSS
131'-4 7/8" COMPOSITE SIDING WITH 4"/8" EXPOSURE -ALUMINIUM RAILINGS – THIRD FLOOR 122'-3 3/4" COMPOSITE WINDOWS -SECOND FLOOR 111'-1 7/8" SOLDIER COURSE HEADERS -CAST STONE SILLS & BANDS — BRICK VENEER -FIRST FLOOR 100'-0" BASEMENT 90'-8"

EXTERIOR MATERIAL SCHEDULE				
BUILDING ELEMENT	MANUFACTURER	COLOR		
COMPOSITE SIDING	JAMES HARDIE	WOODSTOCK BROWN		
COMPOSITE TRIM	JAMES HARDIE	NAVAJO BEIGE		
BRICK VENEER	ACME	FRENCH VANILLA LIGHT		
VINYL WINDOWS	N/A	TAN		
ALUMINUM STOREFRONT DOORS	N/A	DARK BRONZE		
CAST STONE SILLS, HEADS, AND BANDS	EDWARDS CAST STONE	18-018		
RAILINGS	SUPERIOR	DARK BRONZE		
METAL WRAPPED CANOPY	N/A	MATCH WITH COMPOSITE TRIM		

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





3 ELEVATION - EAST A-2.1 1/8" = 1'-0" 4 ELEVATION - WEST A-2.1 1/8" = 1'-0" PROJECT TITLE
Madison
Development
Corp Avenue
Expansion

ISSUED

Land Use & UDC Submittal - September 15, 2021

22 North Second Street
Madison
Wisconsin 53704

SHEET TITLE
EXTERIOR
ELEVATIONS

SHEET NUMBER

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**KEY PLAN** 

ISSUED

Land Use & UDC Submittal - September 15, 2021

1 COLORED ELEVATION - NORTH A-2.2 1/8" = 1'-0"



EXTERIOR MATERIAL SCHEDULE				
JILDING ELEMENT	MANUFACTURER	COLOR		
DMPOSITE SIDING	JAMES HARDIE	WOODSTOCK BROWN		
DMPOSITE TRIM	JAMES HARDIE	NAVAJO BEIGE		
ICK VENEER	ACME	FRENCH VANILLA LIGHT		
NYL WINDOWS	N/A	TAN		
uminum storefront doors	N/A	DARK BRONZE		
ST STONE SILLS, HEADS, AND BANDS	EDWARDS CAST STONE	18-018		
ILINGS	SUPERIOR	DARK BRONZE		
TAL WRAPPED CANOPY	N/A	MATCH WITH COMPOSITE TRIM		

PROJECT TITLE Madison

Development Corp Avenue Expansion

22 North Second Street Madison Wisconsin 53704 SHEET TITLE **EXTERIOR ELEVATIONS** 

SHEET NUMBER

COLORED

A-2.2

PROJECT NUMBER 2111

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2 COLORED ELEVATION - SOUTH 1/8" = 1'-0"

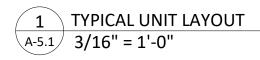




3 COLORED ELEVATION - EAST A-2.2 1/8" = 1'-0"

4 COLORED ELEVATION - WEST A-2.2 1/8" = 1'-0"







**KEY PLAN** 

ISSUED

Land Use & UDC Submittal - September 15, 2021

Madison
Development
Corp Avenue
Expansion

22 North Second Street
Madison
Wisconsin 53704

SHEET TITLE
TYPICAL UNIT
LAYOUT

SHEET NUMBER

PROJECT NUMBER 2111
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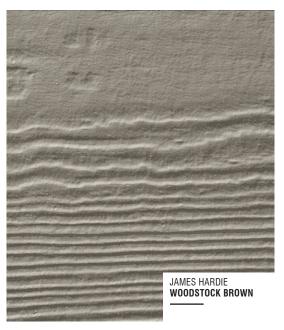


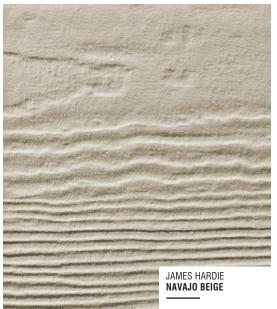


EXTERIOR MATERIAL SCHEDULE				
BUILDING ELEMENT	MANUFACTURER	COLOR		
COMPOSITE SIDING	JAMES HARDIE	WOODSTOCK BROWN		
COMPOSITE TRIM	JAMES HARDIE	NAVAJO BEIGE		
BRICK VENEER	ACME	FRENCH VANILLA LIGHT		
VINYL WINDOWS	N/A	TAN		
ALUMINUM STOREFRONT DOORS	N/A	DARK BRONZE		
CAST STONE SILLS, HEADS, AND BANDS	EDWARDS CAST STONE	18-018		
RAILINGS	SUPERIOR	DARK BRONZE		
METAL WRAPPED CANOPY	N/A	MATCH WITH COMPOSITE TRIM		











STOREFRONT DOORS RAILINGS

MANUFACTURER TAN

BRICK VENEER

CAST STONE SILLS, HEADS & BANDS

**COMPOSITE HORIZONTAL SIDING** 

**COMPOSITE TRIM** 

WINDOWS



### **City of Madison Fire Department**

314 W Dayton Street, Madison, WI 53703-2506

Phone: 608-266-4420 • Fax: 608-267-1100 • E-mail: fire@cityofmadison.com

Project Address: 22 N Sec	ond St
Contact Name & Phone #:	Kevin Burow, 608-836-3690

#### FIRE APPARATUS ACCESS AND FIRE HYDRANT WORKSHEET

1. Is the building completely protected by an NFPA 13 or 13R automatic fire sprinkler system?  If non-sprinklered, fire lanes extend to within 150-feet of all portions of the exterior wall?  If sprinklered, fire lanes are within 250-feet of all portions of the exterior wall?	X Yes Yes X Yes	No No No	N/A N/A N/A
<ul> <li>2. Is the fire lane constructed of concrete or asphalt, designed to support a minimum load of 85,000 lbs? <ul> <li>a) Is the fire lane a minimum unobstructed width of at least 20-feet?</li> <li>b) Is the fire lane unobstructed with a vertical clearance of at least 13½-feet?</li> <li>c) Is the minimum inside turning radius of the fire lane at least 28-feet?</li> <li>d) Is the grade of the fire lane not more than a slope of 8%?</li> <li>e) Is the fire lane posted as fire lane? (Provide detail of signage.)</li> <li>f) Is a roll-able curb used as part of the fire lane? (Provide detail of curb.)</li> <li>g) Is part of a sidewalk used as part of the required fire lane? (Must support +85,000 lbs.)</li> </ul> </li> </ul>	X Yes     X Yes     X Yes     X Yes     X Yes     X Yes     Yes	No   No   No   No   No   No   No   No	N/A   N/A   N/A   N/A   N/A   N/A   N/A   N/A
3. Is the fire lane obstructed by security gates or barricades? If yes:  a) Is the gate a minimum of 20-feet clear opening?  b) Is an approved means of emergency operations installed, key vault, padlock or key switch?	☐ Yes ☐ Yes ☐ Yes	X No No No	N/A N/A N/A N/A
4. Is the Fire lane dead-ended with a length greater than 150-feet?  If yes, does the area for turning around fire apparatus comply with IFC D103?	Yes Yes	X No No	N/A N/A
5. Is any portion of the building to be used for high-piled storage in accordance with IFC Chapter 3206.6 If yes, see IFC 3206.6 for further requirements.	Yes	X No	□ N/A
6. Is any part of the building greater than 30-feet above the grade plane?	X Yes	☐ No	□ N/A
<ul> <li>6. Is any part of the building greater than 30-feet above the grade plane? If yes, answer the following questions: <ul> <li>a) Is the aerial apparatus fire lane parallel to one entire side of the building and covering at least 25% of the perimeter?</li> <li>b) Is the near edge of the aerial apparatus fire lane between 15' and 30' from the building?</li> <li>c) Are there any overhead power or utility lines located across the aerial apparatus fire lane?</li> <li>d) Are there any tree canopies expected to grow across the aerial fire lane? (Based on mature canopy width of tree species)</li> </ul> </li> </ul>	X Yes X Yes X Yes Yes	No No No No No No No	<ul> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> </ul>
If yes, answer the following questions:  a) Is the aerial apparatus fire lane parallel to one entire side of the building and covering at least 25% of the perimeter?  b) Is the near edge of the aerial apparatus fire lane between 15' and 30' from the building?  c) Are there any overhead power or utility lines located across the aerial apparatus fire lane?  d) Are there any tree canopies expected to grow across the aerial fire lane? (Based on mature	X Yes X Yes X Yes	□ No □ No □ No	□ N/A □ N/A □ N/A
If yes, answer the following questions:  a) Is the aerial apparatus fire lane parallel to one entire side of the building and covering at least 25% of the perimeter?  b) Is the near edge of the aerial apparatus fire lane between 15' and 30' from the building?  c) Are there any overhead power or utility lines located across the aerial apparatus fire lane?  d) Are there any tree canopies expected to grow across the aerial fire lane? (Based on mature canopy width of tree species)  e) Does the aerial apparatus fire lane have a minimum unobstructed width of 26-feet?  f) Is the space between the aerial lane and the building free of trees exceeding 20' in heights?	X Yes X Yes Yes Yes Yes X Yes X Yes	<ul> <li>No</li> <li>No</li> <li>No</li> <li>No</li> <li>No</li> <li>No</li> <li>No</li> <li>No</li> </ul>	<ul> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> </ul>
If yes, answer the following questions:  a) Is the aerial apparatus fire lane parallel to one entire side of the building and covering at least 25% of the perimeter?  b) Is the near edge of the aerial apparatus fire lane between 15' and 30' from the building?  c) Are there any overhead power or utility lines located across the aerial apparatus fire lane?  d) Are there any tree canopies expected to grow across the aerial fire lane? (Based on mature canopy width of tree species)  e) Does the aerial apparatus fire lane have a minimum unobstructed width of 26-feet?	X Yes X Yes X Yes Yes Yes Yes	<ul><li>No</li><li>No</li><li>No</li><li>No</li><li>X</li><li>No</li><li>No</li></ul>	<ul> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> </ul>

Attach an additional sheet if further explanation is required for any answers.

This worksheet is based on MGO 34.503 and IFC 2015 Edition Chapter 5 and Appendix D; please see the codes for further information.