



October 14, 2021

Ms. Heather Stouder
Director, Planning Division
City of Madison Department of Planning & Community & Economic Development
215 Martin Luther King Jr. Blvd., Ste 017
Madison, Wisconsin 53703

Re: Letter of Intent

2002 – 2004 Winnebago St.
KBA Project # 2114

Ms. Heather Stouder:

The following is submitted together with the plans and application for the staff and Plan Commission's consideration of approval.

Project Description:

The proposed building has been designed to be in context with the neighboring structures while still contributing a unique experience. The proposed development's density offers a unique experience for residents in the expanding Schenk-Atwood-Starkweather-Yahara Neighborhood. The proposed building's size and use are consistent with the City's Comprehensive Plan for this property, which calls for Neighborhood Mixed Use in 2-4 stories.

While the proposed density is higher than the general density range, it allows greater access to a beloved Madison neighborhood. The unit mix also ensures the density does not overpower the site. The bedroom count of the development is 27, only three more than the unit count. This ensures the site data can be viewed as an almost first 1:1 between square footage to person and square footage to unit. High unit density does not diminish the open space provided by the development; 118 S.F./unit of open space is provided. This is 295% more than the required open space per unit in the Traditional Shopping Street District, and 520% more than the required open space in the neighboring Traditional Employment District.

This project also requests a parking reduction. The development is positioned within immediate access to the entire city. Eight bus stops with five routes, three of which run on weekdays, weekends, and holidays, are within a 1500-foot radius. A Madison BCycle station is in this same six-minute walk radius, directly across from the Capital City Bike Trail. Restaurants, shops, and apartments occupy the surrounding blocks in this pedestrian friendly area. The reduced parking stalls still provides space for residents who require a vehicle but does not limit resident's connection to the city.

The project was presented with the same development data at several Staff meetings and a DAT Meeting, which helped shape the development. Feedback from a neighborhood meeting and the Alder has also been taken into consideration. As Madison continues to grow, development solutions such as this proposal provide much needed housing without compromising the integrity of the neighborhood. The proposed development serves as a proud connecting presence at the entrance of the neighborhood between the residents and the City of Madison.

Thank you for your time reviewing our proposal.

Sincerely,

A handwritten signature in black ink that reads "Kevin Burow". The signature is written in a cursive, flowing style.

Kevin Burow, AIA, NCARB, LEED AP
Managing Member



Parking Adjustments

(To be accompanied by a site plan and information supporting the requested adjustment.)

FOR OFFICE USE ONLY
Date:
Received by:
Zoning District:
Parcel No.:
Special Conditions:

Type or print, using pen, not pencil. Check the parking adjustment(s) which is requested.

- | | |
|---|--|
| <input type="checkbox"/> Deferred provision of parking | <input type="checkbox"/> Off-site parking availability |
| <input type="checkbox"/> Shared parking (see separate request form) | <input type="checkbox"/> Moped substitution |
| <input checked="" type="checkbox"/> Parking stall reduction | <input type="checkbox"/> Bicycle substitution |
| <input type="checkbox"/> Bicycle parking reduction | <input type="checkbox"/> Parking exceeding maximum |
| <input type="checkbox"/> Shared car availability | |
| <input type="checkbox"/> Transit corridor proximity | |

Address of Property: 2002 Winnebago St. Madison, WI 53704	
Name & Address of Owner: John Fontain, Inc. - Brandon Cook P.O. Box 694 Madison, WI 53701	
Name & Address of Applicant (or owner's representative): Knothe & Bruce Architects, LLC - Kevin Burow 7601 University Ave. STE 201 Middleton, WI 53562	
Phone Number: (608) 836-3690	Email: kburow@knothebruce.com
Brief Summary of Proposal: Request for reduction of required parking stalls from 27 to 14. The development is positioned within immediate access to the entire city. Eight bus stops with five routes, three of which run on weekdays, weekends, and holidays, are within a 1500-foot radius. A Madison BCycle station is in this same six-minute walk radius, directly across from the Capital City Bike Trail. Restaurants, shops, and apartments occupy the surrounding blocks in this pedestrian friendly area. The reduced parking stalls still provides space for residents who require a vehicle but does not limit resident's connection to the city.	

2/25/13 Doc.

The following section is to be filled in by the applicant with Zoning staff assistance. The applicant must submit information to support the request for a parking adjustment.

1) On bus route: YES NO

2) Within 1000 feet of bicycle path: YES NO Capital City Trail

3) Bicycle rack on private property: YES NO

4) Public bike parking in public right of way within 200 feet: YES NO

If yes, number of bike stalls: 3 ; additional BCycle station 1500 feet away

5) Hours of operation: 9 to 5

6) Is this peak demand time for other uses: YES NO

7) Is this a change of use? Yes/No - previously commercial, now mixed-use

8) New Building: Yes

9) Addition to existing building: No

10) Existing or potential shared parking: YES NO

If yes, address:

Number of stalls:

Applicant's Signature: *Brandon Cook*

Date: 10/14/2021

Parking Adjustments To Be Filled in by Zoning Staff

Existing Parking Requirement:	Existing Number of Stalls Provided:			
Proposed Parking Requirement:	Proposed Number of Stalls Provided:			
Number of Stalls Adjusted:	Percent of Adjustment Requested:			
11) Availability & Accessibility of Alternative Parking [1=Plenty available, 5=Little available (<i>bad</i>):				
a) On-street availability (Rate 1 to 5):				
b) Public parking within 500 feet: _____ stalls				
c) Other _____ stalls				
12) Impact on adjacent residential neighborhoods. Rate 1 to 5 [1=Low impact, 5=High impact (<i>bad</i>):				
13) Number of residential parking permits issued in the block (if applicable):				
14) Anticipated increased demand. Rate 1 to 5 [1=Low, 5=high (<i>bad</i>):				
Because of the diversity of situations and neighborhoods, some of the above criteria have greater influence on the parking stall reduction request. The following criteria are significant in this case.				
1	4	7	11.a.	10
2	5	8	11.b.	12
3	6	9	11.c.	13

Administrative Approval of Parking Stall Reduction Request

Parking requirement reduced by the greater of 5 parking stalls or 10% of the required parking: Applicant:
Parking reduction up to 20 parking stalls: Zoning Administrator:
Parking reduction of more than 20 stalls but less than 25% of the required parking: Director of Planning & Community & Economic Development:

Zoning Administrator: _____

Administrative Approval of Parking in Excess of the Maximum Number of Stalls

Parking exceeding the requirement by the lesser of 5 parking stalls or 10% of maximum: Applicant:
Parking exceeding maximum by up to 20 stalls: Zoning Administrator:
Parking exceeding maximum by more than 20 stalls but not more than 10% of the maximum: Director of Planning & Community & Economic Development:

Zoning Administrator: _____



knothe + bruce
ARCHITECTS

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

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C-1.2	OVERALL SITE LIGHTING
C-1.3	FIRE DEPARTMENT ACCESS
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Site Development Data:	
Densities:	
Lot Area	10,191 S.F./0.23 acres
Dwelling Units	24 units
Lot Area / D.U.	425 S.F./unit
Density	104 units/Acre
Usable Open Space	
Usable Open Space	2,842 S.F. (118 S.F./unit)
Lot Coverage	8,356 S.F. (82%)
Building Height	
Building Height	4 stories
Commercial Area	
Commercial Area	1,052 S.F.
Dwelling Unit Mix:	
Studio	9
One Bedroom	12
Two Bedroom	3
Total Dwelling Units	24
Vehicle Parking Stalls:	
Underground Garage	14
Surface	0
Total	14
Parking Ratio 0.58 stalls/unit	
Bicycle Parking:	
Garage - wall mount	6
Garage - floor mount	18
Surface - Guest	2
Surface - Commercial	1
Total	27

ISSUED
Issued for Review - July 16, 2021
Issued for Land Use Submittal - Sept. 1, 2021

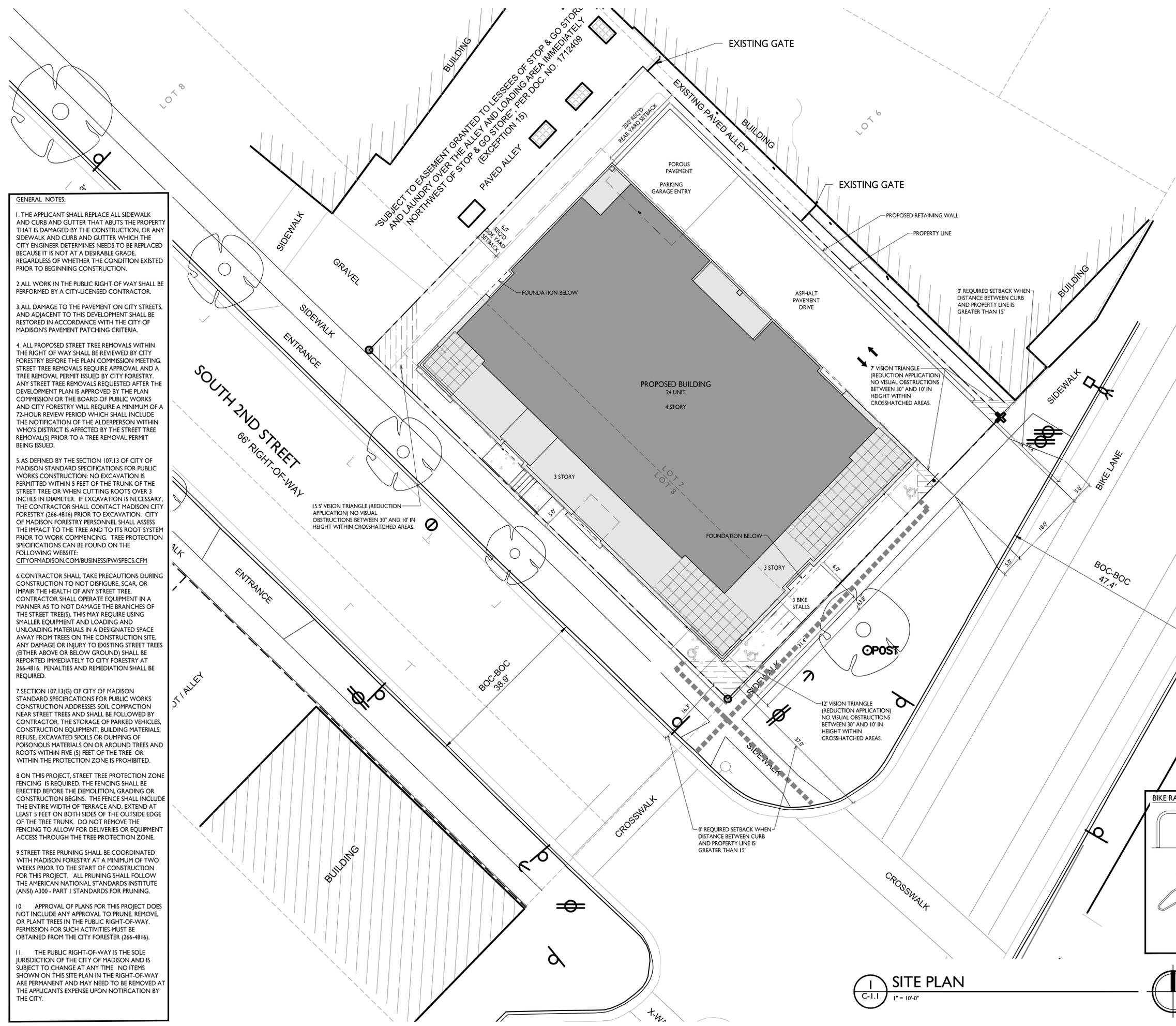
PROJECT TITLE
John Fontain Realty

2002-2004 Winnebago St
Madison, Wisconsin
SHEET TITLE
Site Plan

SHEET NUMBER

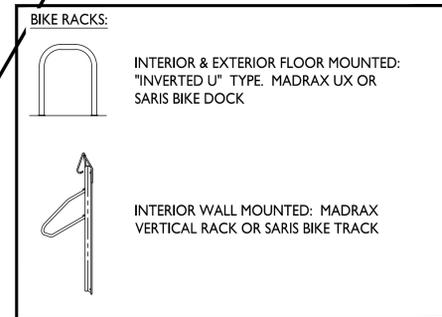
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PROJECT NO. **2114**
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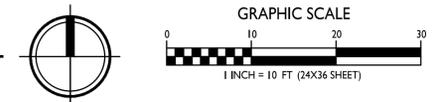


GENERAL NOTES:

1. THE APPLICANT SHALL REPLACE ALL SIDEWALK AND CURB AND GUTTER THAT ABUTS THE PROPERTY THAT IS DAMAGED BY THE CONSTRUCTION, OR ANY SIDEWALK AND CURB AND GUTTER WHICH 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.
2. ALL WORK IN THE PUBLIC RIGHT OF WAY SHALL BE PERFORMED BY A CITY-LICENSED CONTRACTOR.
3. ALL DAMAGE TO THE PAVEMENT ON CITY STREETS, AND ADJACENT TO THIS DEVELOPMENT SHALL BE RESTORED IN ACCORDANCE WITH THE CITY OF MADISON'S PAVEMENT PATCHING CRITERIA.
4. ALL PROPOSED STREET TREE REMOVALS WITHIN THE RIGHT OF WAY SHALL BE REVIEWED BY CITY FORESTRY BEFORE THE PLAN COMMISSION MEETING. STREET TREE REMOVALS REQUIRE APPROVAL AND A TREE REMOVAL PERMIT ISSUED BY CITY FORESTRY. ANY STREET TREE REMOVALS REQUESTED AFTER THE DEVELOPMENT PLAN IS APPROVED BY THE PLAN COMMISSION OR THE BOARD OF PUBLIC WORKS AND CITY FORESTRY WILL REQUIRE A MINIMUM OF A 72-HOUR REVIEW PERIOD WHICH SHALL INCLUDE THE NOTIFICATION OF THE ALDERPERSON WITHIN WHOSE DISTRICT IS AFFECTED BY THE STREET TREE REMOVAL(S) PRIOR TO A TREE REMOVAL PERMIT BEING ISSUED.
5. 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 FOUND ON THE FOLLOWING WEBSITE: CITYOFMADISON.COM/BUSINESS/PW/SPECS.CFM
6. CONTRACTOR SHALL TAKE PRECAUTIONS 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.
7. 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.
8. ON THIS PROJECT, STREET TREE PROTECTION ZONE FENCING IS REQUIRED. THE FENCING SHALL BE ERECTED BEFORE THE DEMOLITION, GRADING OR CONSTRUCTION BEGINS. THE FENCE SHALL INCLUDE THE ENTIRE WIDTH OF TERRACE AND, EXTEND AT LEAST 5 FEET ON BOTH SIDES OF THE OUTSIDE EDGE OF THE TREE TRUNK. DO NOT REMOVE THE FENCING TO ALLOW FOR DELIVERIES OR EQUIPMENT ACCESS THROUGH THE TREE PROTECTION ZONE.
9. 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.
10. APPROVAL OF PLANS FOR THIS PROJECT DOES NOT INCLUDE ANY APPROVAL TO PRUNE, REMOVE, OR PLANT TREES IN THE PUBLIC RIGHT-OF-WAY. PERMISSION FOR SUCH ACTIVITIES MUST BE OBTAINED FROM THE CITY FORESTER (266-4816).
11. THE PUBLIC RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANY TIME. NO ITEMS SHOWN ON THIS SITE PLAN IN THE RIGHT-OF-WAY ARE PERMANENT AND MAY NEED TO BE REMOVED AT THE APPLICANT'S EXPENSE UPON NOTIFICATION BY THE CITY.

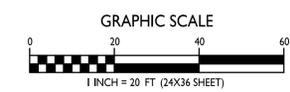
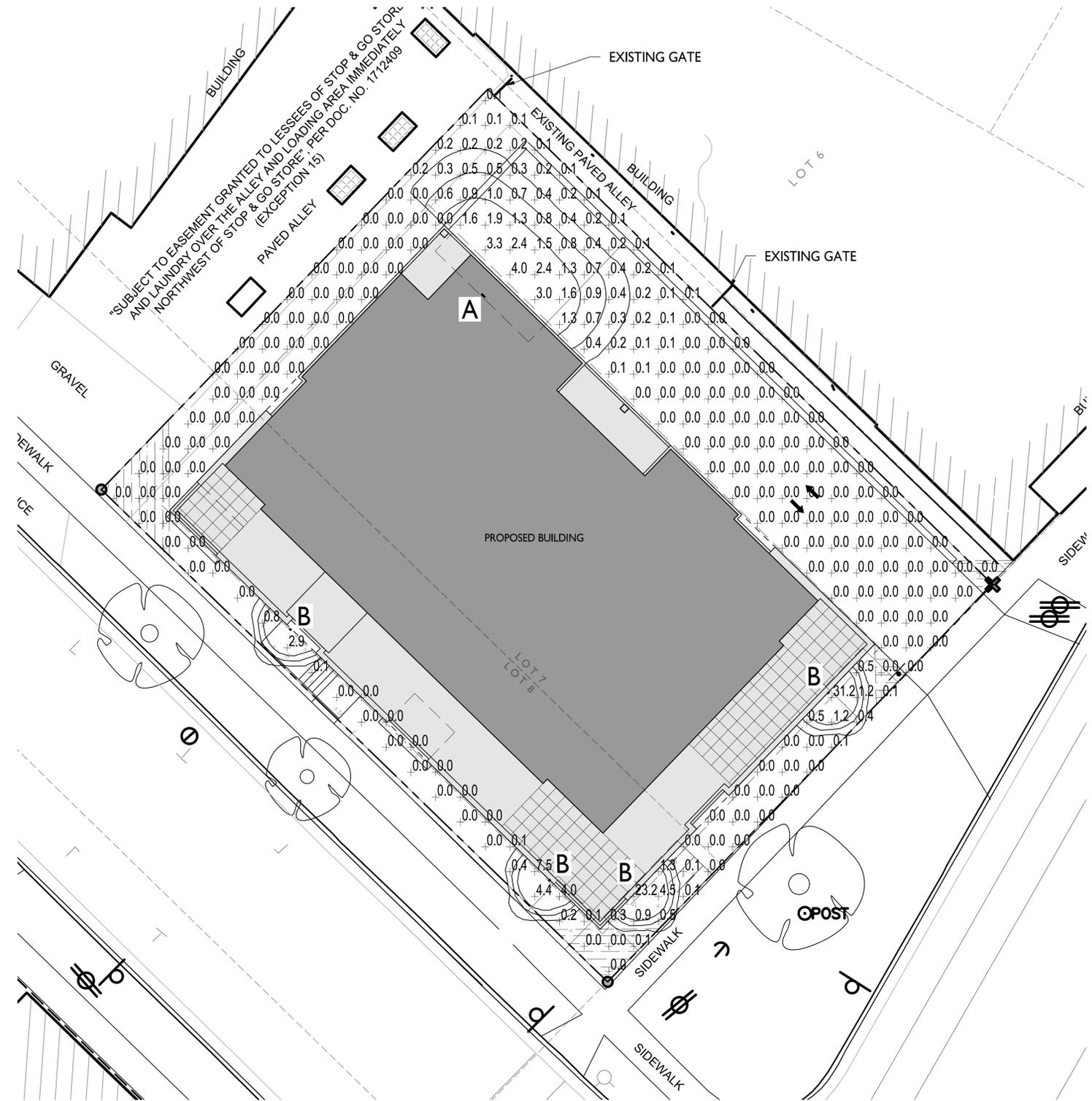


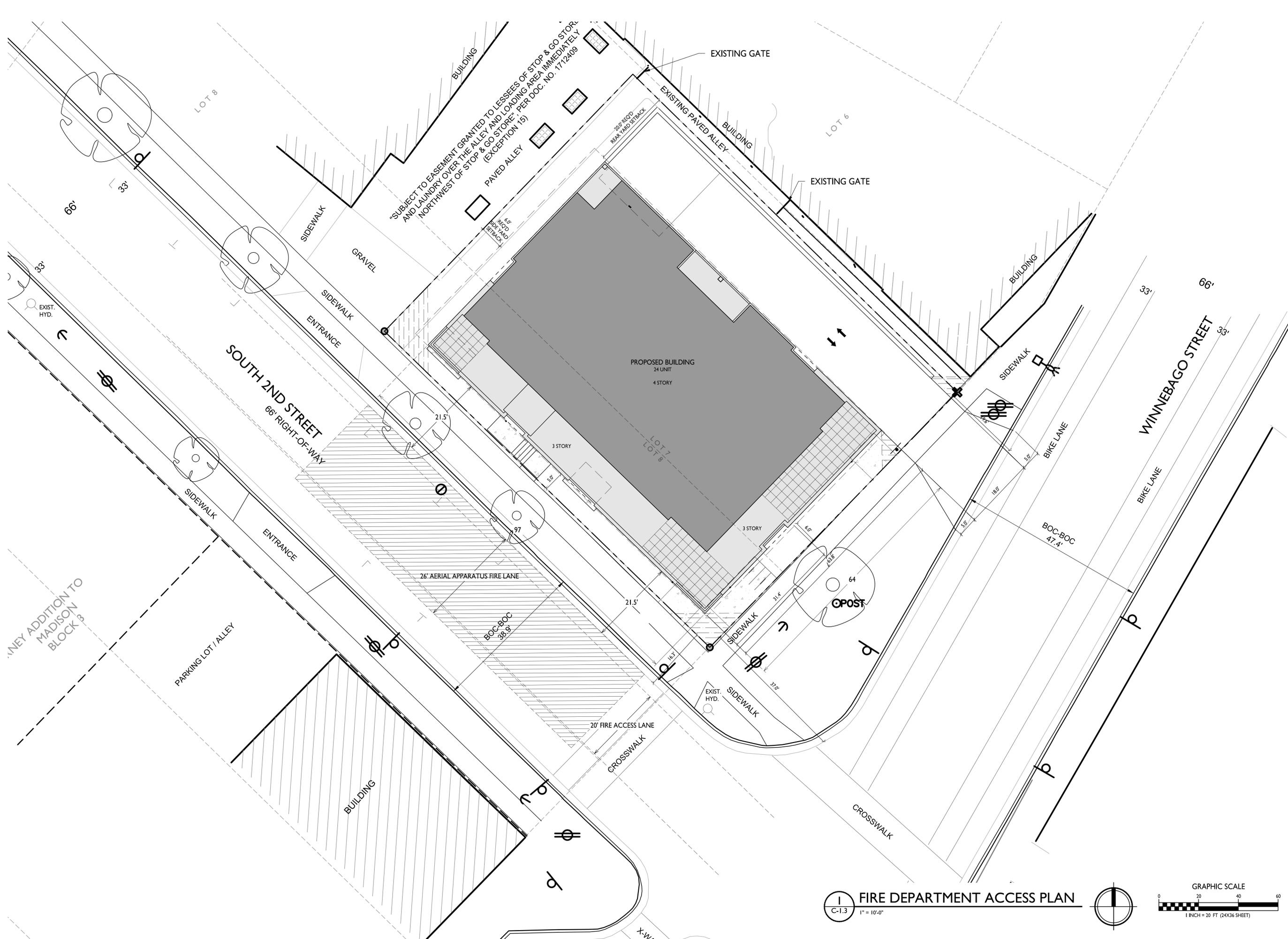
SITE PLAN
C-1.1 1" = 10'-0"



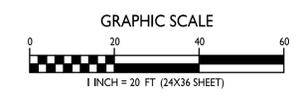
LUMINAIRE SCHEDULE							
SYMBOL	LABEL	QTY.	MANUF.	CATALOG	DESCRIPTION	FILE	MOUNTING
	A	1	LITHONIA LIGHTING	WPXI LED P1 30K MVOLT	MPX1 LED WALLPACK, 1500lm, 3000K COLOR TEMP., 120-277 VOLTS	WPXI_LED_P1_30K_MVOLT.ies	8'-0" ABOVE GRADE ON BUILDING
	B	4	LITHONIA LIGHTING	OLLWD LED P1 30K MVOLT	OUTDOOR LED WALL CYLINDER DOWN LIGHT & 4000K NICHIA 219C	OLLWD_LED_P1_40K_MVOLT.ies	7'-0" ABOVE GRADE ON BUILDING

EXAMPLE LIGHT FIXTURE DISTRIBUTION





FIRE DEPARTMENT ACCESS PLAN
 1" = 10'-0"





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

ISSUED
Issued for Land Use Submittal - Sept. 1, 2021

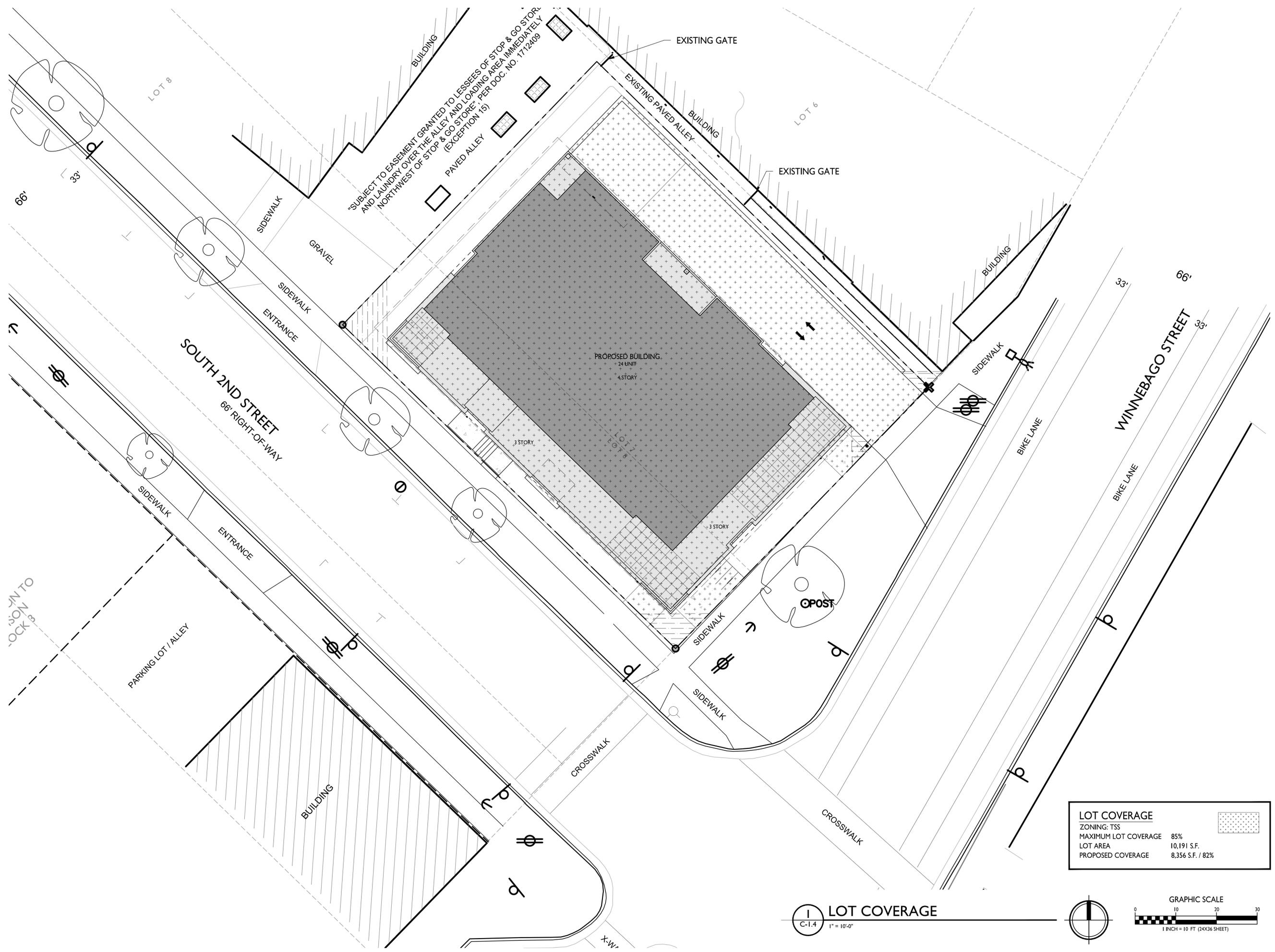
PROJECT TITLE
John Fontain Realty

2002-2004 Winnebago St
Madison, Wisconsin
SHEET TITLE
Lot Coverage

SHEET NUMBER

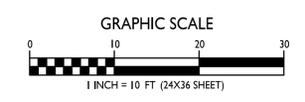
C-1.4

PROJECT NO. **2114**
© Knothe & Bruce Architects, LLC



LOT COVERAGE	
ZONING:	TSS
MAXIMUM LOT COVERAGE	85%
LOT AREA	10,191 S.F.
PROPOSED COVERAGE	8,356 S.F. / 82%

LOT COVERAGE
C-1.4 1" = 10'-0"



ISSUED
 Issued for Land Use Submittal - Sept. 1, 2021

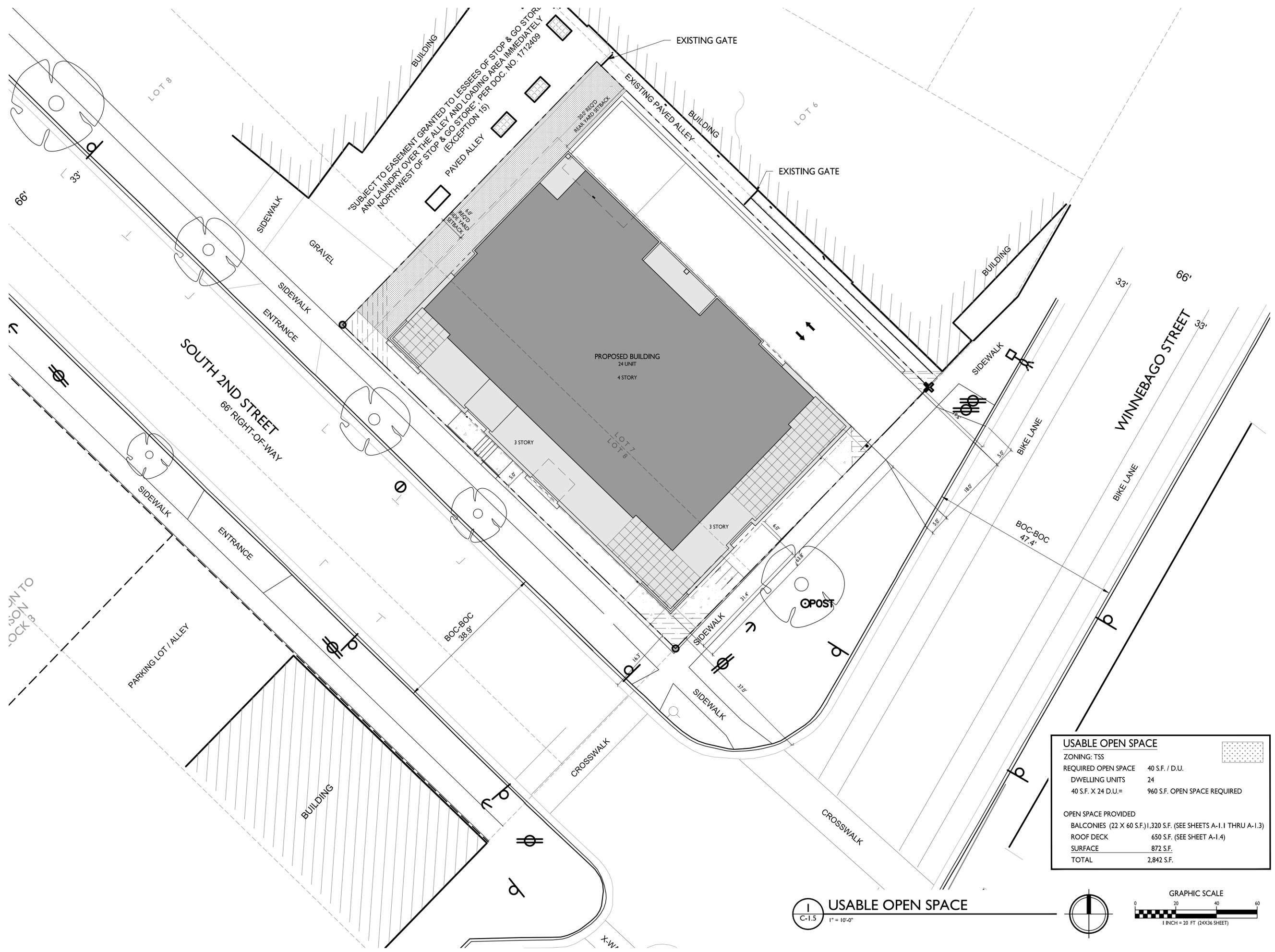
PROJECT TITLE
John Fontain Realty

2002-2004 Winnebago St
 Madison, Wisconsin
 SHEET TITLE
Usable Open Space

SHEET NUMBER

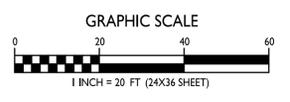
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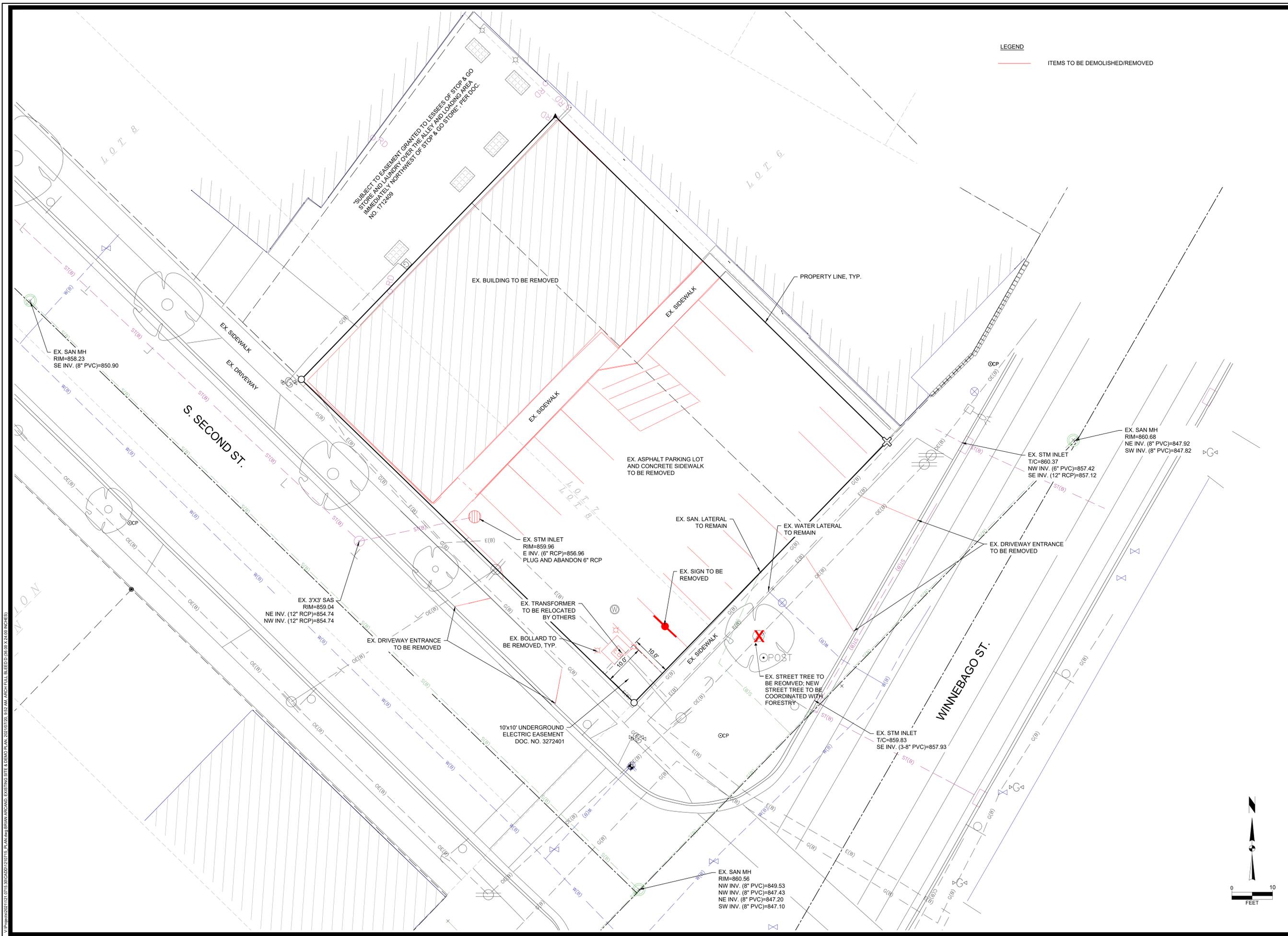
PROJECT NO. **2114**
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USABLE OPEN SPACE	
ZONING: TSS	
REQUIRED OPEN SPACE	40 S.F. / D.U.
DWELLING UNITS	24
40 S.F. X 24 D.U.=	960 S.F. OPEN SPACE REQUIRED
OPEN SPACE PROVIDED	
BALCONIES (22 X 60 S.F.)	1,320 S.F. (SEE SHEETS A-1.1 THRU A-1.3)
ROOF DECK	650 S.F. (SEE SHEET A-1.4)
SURFACE	872 S.F.
TOTAL	2,842 S.F.

USABLE OPEN SPACE
 1" = 10'-0"





LEGEND
 ——— ITEMS TO BE DEMOLISHED/REMOVED

SUBJECT TO EASEMENT GRANTED TO LESSEES OF STOP & GO STORE AND LAUNDRY OVER THE ALLEY AND LOADING AREA IMMEDIATELY NORTHWEST OF STOP & GO STORE. PER DOC. NO. T12409

EX. BUILDING TO BE REMOVED

PROPERTY LINE, TYP.

S. SECOND ST.

WINNEBAGO ST.

EX. ASPHALT PARKING LOT AND CONCRETE SIDEWALK TO BE REMOVED

EX. STM INLET
 RIM=859.96
 E INV. (6" RCP)=856.96
 PLUG AND ABANDON 6" RCP

EX. SAN. LATERAL TO REMAIN

EX. WATER LATERAL TO REMAIN

EX. STM INLET
 T/C=860.37
 NW INV. (6" PVC)=857.42
 SE INV. (12" RCP)=857.12

EX. SAN MH
 RIM=860.68
 NE INV. (8" PVC)=847.92
 SW INV. (8" PVC)=847.82

EX. 3'X3' SAS
 RIM=859.04
 NE INV. (12" RCP)=854.74
 NW INV. (12" RCP)=854.74

EX. TRANSFORMER TO BE RELOCATED BY OTHERS

EX. SIGN TO BE REMOVED

EX. DRIVEWAY ENTRANCE TO BE REMOVED

EX. DRIVEWAY ENTRANCE TO BE REMOVED

EX. BOLLARD TO BE REMOVED, TYP.

EX. STREET TREE TO BE REMOVED; NEW STREET TREE TO BE COORDINATED WITH FORESTRY

10'x10' UNDERGROUND ELECTRIC EASEMENT
 DOC. NO. 3272401

EX. STM INLET
 T/C=859.83
 SE INV. (3-8" PVC)=857.93

EX. SAN MH
 RIM=860.56
 NW INV. (8" PVC)=849.53
 NW INV. (8" PVC)=847.43
 NE INV. (8" PVC)=847.20
 SW INV. (8" PVC)=847.10



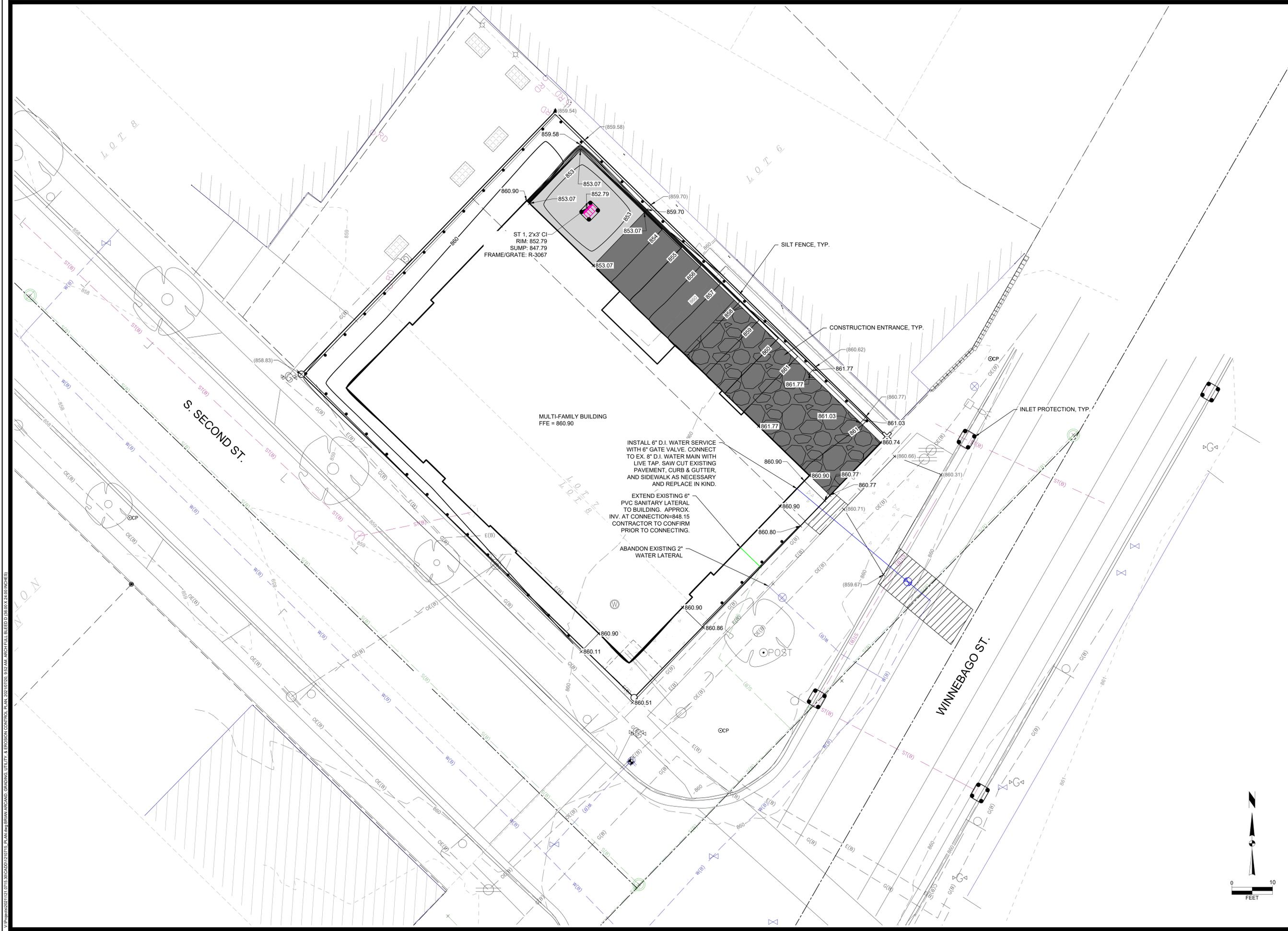
MARK	REVISION	DATE	BY

Engineer: BCA
 Checked By: MLC
 Date: 07-20-2021
 Scale: 1" = 1'-0"
 T-R-S: TTN-RRW-SS
 Project No: 121.0715.30

2002-2004 WINNEBAGO STREET
 EXISTING SITE & DEMO PLAN
 CITY OF MADISON, DANE COUNTY, WI
 Project No: 121.0715.30
 Sheet C 100

SNYDER & ASSOCIATES, INC.
 6010 YOGES ROAD
 MADISON, WISCONSIN 53719
 608-838-0444 | www.snyder-associates.com

SNYDER & ASSOCIATES
 Project No: 121.0715.30
 Sheet C 100



V:\Projects\20111215_1215_30\CAD\1210715_Plan.dwg BRUN ARMAND, GRADING, UTILITY, & EROSION CONTROL PLAN, 20210720, 10:52 AM, ARCH FULL BLEED D (36.00 X 24.00 INCHES)

MARK	REVISION	DATE	BY
Engineer: BCA	Checked By: MLC	Date: 07-20-2021	Scale: 1" =
Technician TECH			T-R-S: TTN-RRW-SS
Project No: 121.0715.30			Sheet C 102

2002-2004 WINNEBAGO STREET
GRADING, UTILITY, & EROSION CONTROL PLAN
CITY OF MADISON, DANE COUNTY, WI
SNYDER & ASSOCIATES, INC.



SNYDER & ASSOCIATES

Project No: 121.0715.30
Sheet C 102

6010 YOGES ROAD
 MADISON, WISCONSIN 53718
 608-838-0444 | www.snyder-associates.com



INSTALL 6" D.I. WATER SERVICE WITH 6" GATE VALVE. CONNECT TO EX. 8" D.I. WATER MAIN WITH LIVE TAP. SAW CUT EXISTING PAVEMENT, CURB & GUTTER, AND SIDEWALK AS NECESSARY AND REPLACE IN KIND.

EXTEND EXISTING 6" PVC SANITARY LATERAL TO BUILDING. APPROX. INV. AT CONNECTION=848.15 CONTRACTOR TO CONFIRM PRIOR TO CONNECTING.

ABANDON EXISTING 2" WATER LATERAL

ST 1, 2'x3' CI
RIM: 852.79
SUMP: 847.79
FRAME/GRATE: R-3067

MULTI-FAMILY BUILDING
FFE = 860.90

SILT FENCE, TYP.

CONSTRUCTION ENTRANCE, TYP.

INLET PROTECTION, TYP.

WINNEBAGO ST.

S. SECOND ST.

CONSTRUCTION SEQUENCE

1. INSTALL AND MAINTAIN THE TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT'S AS DESCRIBED IN THE DANE COUNTY EROSION CONTROL AND STORMWATER MANAGEMENT MANUAL. ADDITIONALLY INSTALL CONSTRUCTION EQUIPMENT PARKING AREAS. STABILIZE BARE AREAS IMMEDIATELY WITH GRAVEL AND TEMPORARY VEGETATION AS CONSTRUCTION TAKES PLACE. THE TEMPORARY ACCESS POINT SHALL BE PLACED IN THE LOCATION SHOWN ON THE GRADING AND EROSION CONTROL PLAN. THE ENTRANCE/EXITS WILL BE INSPECTED DAILY. IF THE AGGREGATE WITHIN THE TEMPORARY ACCESS PADS BECOMES COVERED WITH SOIL OR IF SIGNIFICANT QUANTITIES OF SOIL ARE TRACKED ONTO THE EXISTING ROADWAY THEN ADDITIONAL AGGREGATE WILL BE INSTALLED TO ALLOW THE ENTRANCE/EXITS TO FUNCTION PROPERLY.
2. INSTALL EROSION AND SEDIMENT CONTROL BARRIERS (SILT FENCE) IMMEDIATELY DOWNSLOPE OF AREAS TO BE DISTURBED DURING CONSTRUCTION AS SHOWN ON THE APPROVED GRADING PLAN. THE BARRIERS MUST BE INSTALLED PARALLEL TO THE SITE CONTOURS TO THE EXTENT PRACTICABLE WITH THE ENDS EXTENDED UPSLOPE ONE TO TWO FEET TO PREVENT FLANKING OF THE RUNOFF. AT NO TIME FROM THE START OF ROUGH GRADING UNTIL SITE STABILIZATION SHALL AN UNBROKEN SLOPE EXIST BETWEEN DISTURBED AREAS AND THE RECEIVING WATERS. THE DANE COUNTY EROSION CONTROL AND STORMWATER MANAGEMENT MANUAL WILL BE REFERENCED FOR THE PROPER INSTALLATION AND MAINTENANCE OF SILT FENCE AND ALL OTHER EROSION CONTROL MEASURES ON THE SITE.
3. STRIP TOPSOIL FROM THE AREAS OF THE SITE THAT WILL BE GRADED WITHIN 48 HOURS. ANY AREAS THAT WILL NOT BE IMMEDIATELY GRADED MUST NOT BE STRIPPED OF TOPSOIL UNTIL THE PRECEDING AREAS ARE TOPSOILED, SEEDED AND MULCHED. PLACE SOIL STOCKPILES AT LEAST 25 FEET AWAY FROM ANY DOWNSLOPE STREET, DRIVEWAY, OR DITCH. ALL TOPSOIL PILES WILL HAVE SILT FENCE PLACED ON THEIR DOWNSLOPE SIDES. TOPSOIL PILES SHALL BE SEEDED WITH ANNUAL RYE IF THEY ARE IN PLACE FOR MORE THAN 7 DAYS. ANY AREAS LEFT INACTIVE FOR MORE THAN 7 DAYS WILL BE STABILIZED IMMEDIATELY WITH SEED AND MULCH.
4. GRADING WILL BE PHASED TO THE EXTENT PRACTICABLE TO LIMIT THE AMOUNT OF THE EXPOSED SOIL AT ANY ONE TIME AND TO PROVIDE A BUFFER BETWEEN THE GRADED AREAS AND THE RECEIVING WATERS. THE INTENT OF THESE GRADING RESTRICTIONS IS TO PROVIDE AN UNDISTURBED BUFFER AREA ALLOWING ADDITIONAL EROSION AND SEDIMENTATION PROTECTION DURING CONSTRUCTION.
5. TOPSOIL, SEED AND MULCH ALL AREAS WHICH ARE AT FINAL GRADE AND WHICH WILL NOT BE DISTURBED DURING SUBSEQUENT PHASES OF CONSTRUCTION. ANY AREAS LEFT INACTIVE FOR MORE THAN 7 DAYS MUST BE STABILIZED IMMEDIATELY.
6. INSTALL ANY UTILITIES.
7. COMPLETE FINAL GRADING FOR PARKING LOT & ROADWAY AND STABILIZE WITH GRAVEL.
8. COMPLETE FINAL GRADE OF THE SITE.
9. UTILITY TRENCHES SHALL BE FILLED WITH SUITABLE BACKFILL MATERIAL AND COMPACTED AS NEEDED. TOPSOIL SHALL BE REPLACED, FERTILIZED, SEEDED AND PROTECTED AS CALLED FOR BELOW IN ITEMS 11 AND 12. UTILITY CONSTRUCTION SHALL BE COORDINATED WITH OTHER GRADING ACTIVITIES SO THAT RESTORATION CAN BE COMPLETED AS SOON AS POSSIBLE AFTER CONSTRUCTION.
10. WITHIN 7 DAYS OF THE COMPLETION OF FINAL GRADING, A MINIMUM OF 4 INCHES OF TOPSOIL SHALL BE REPLACED ON ALL DISTURBED SURFACES THAT ARE TO BE REVEGETATED. TOPSOIL SHALL BE UNIFORMLY PLACED, GRADED SMOOTH AND SCARIFIED FOR SEEDING.
11. FERTILIZE ALL AREAS TO BE SEEDED OR SODDED WITH 500LBS. PER ACRE OF 16-8-8 (MINIMUM). INCORPORATE THE FERTILIZER INTO THE SOIL BY SCARIFYING AS INDICATED ABOVE IN ITEM 11. SEED ALL DISTURBED AREAS WITH THE FOLLOWING SEEDING MIXTURE:
 - 30.50 LBS/ACRE OF KENTUCKY BLUEGRASS
 - 17.50 LBS/ACRE OF RED FESCUE
 - 17.50 LBS/ACRE OF HARD FESCUE
 - 22.00 LBS/ACRE OF PERENNIAL RYE GRASS

THE OWNER RESERVES THE RIGHT TO REVISE THE SEEDING MIXTURE SUBJECT TO APPROVAL BY THE LOCAL MUNICIPALITY.

SOD MAY BE SUBSTITUTED FOR SEEDING ON ALL AREAS TO BE SEEDED AND IS RECOMMENDED FOR ALL AREAS WITH SLOPES OF 5:1 OR STEEPER.
MULCH ALL SEEDED AREAS WITH 1.5 TONS PER ACRE OF CLEAN STRAW. STRAW SHALL BE ANCHORED IN PLACE WITH SUITABLE EQUIPMENT OR STAKING WITH TWINE.

FOR AREAS ON WHICH GRADING IS COMPLETED AFTER SEPTEMBER 30.
TEMPORARY SEED SHALL INCLUDE A SOIL STABILIZING POLYMER AND COVER CROP OF WINTER RYE (AT A RATE OF 75#/ACRE) AND MUST BE APPLIED AS SOON AS THESE AREAS REACH THEIR FINAL GRADE. ADDITIONAL EROSION CONTROL BARRIERS MAY BE NEEDED DOWNSLOPE OF THESE AREAS UNTIL FINAL SEEDING OR SODDING IS COMPLETED IN SPRING (BY JUNE 1). ANY AREAS WITH SLOPES GREATER THAN 6:1 MUST BE SEEDED AND MULCHED BUT NOT TOPSOILED. AREAS WITH SLOPED LESS THAN 6:1 MUST BE TOPSOILED, SEEDED AND MULCHED. ALL AREAS MUST BE TOPSOILED, SEEDED AND MULCHED AS DESCRIBED ABOVE IN THE FOLLOWING SPRING.

12. WHENEVER POSSIBLE, PRESERVE EXISTING TREES, SHRUBS, AND OTHER VEGETATION. TO PREVENT ROOT DAMAGE, DO NOT GRADE, PLACE SOIL PILES, OR PARK VEHICLES NEAR TREES MARKED FOR PRESERVATION.
13. SILT FENCE MAINTENANCE: EROSION CONTROL BARRIERS (SILT FENCE) MUST BE INSPECTED WITHIN 24 HOURS AFTER EACH RAINFALL OF 0.5-INCHES OR MORE, AND DAILY DURING PERIODS OF PROLONGED RAINFALL. REPAIRS OR REPLACEMENT SHALL BE MADE IMMEDIATELY. SEDIMENT DEPOSITS ON THE UPSLOPE SIDE ON THE SILT FENCES SHALL BE REMOVED WHEN THE DEPOSITS REACH HALF THE HEIGHT OF THE SILT FENCE.
14. GRAVEL TRACKING PAD MAINTENANCE: ADDITIONAL STONE IS REQUIRED IF EXISTING STONE BECOMES BURIED OR IF SEDIMENT IS NOT BEING REMOVED EFFECTIVELY FROM TIRES. SEDIMENT THAT IS TRACKED ONTO THE ROADWAY MUST BE REMOVED IMMEDIATELY. TRACKING PADS MAY REQUIRE PERIODIC CLEANING TO MAINTAIN THE EFFECTIVENESS OF THE PRACTICE, WHICH MAY INCLUDE THE REMOVAL AND RE-INSTALLATION OF THE STONE.

EROSION CONTROL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING COPIES OF ALL PERMITS, INCLUDING WISDNR WPDES DISCHARGE PERMIT (IF APPLICABLE), COUNTY AND LOCAL EROSION CONTROL PERMIT. CONTRACTOR IS RESPONSIBLE FOR ABIDING BY ALL PERMIT REQUIREMENTS AND RESTRICTIONS.
2. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO LAND DISTURBING ACTIVITIES.
3. ALL INSTALLATION AND MAINTENANCE OF EROSION CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE APPLICABLE WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WisDNR) TECHNICAL STANDARD, FOUND AT: http://dnr.wi.gov/topic/stormwater/standards/const_standards.html OR THE WISCONSIN CONSTRUCTION SITE BEST MANAGEMENT PRACTICE HANDBOOK IF A TECHNICAL STANDARD IS NOT AVAILABLE.
4. ALL EROSION CONTROL FACILITIES SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT AND WARRANTY PERIOD IN CONFORMANCE WITH ALL APPLICABLE PERMITS ISSUED FOR THE PROJECT.
5. ALL EROSION AND SEDIMENTATION CONTROL PRACTICES SHALL BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT THAT PRODUCES 0.5 INCHES OF RAIN OR MORE DURING A 24 HOUR PERIOD. REPAIRS SHALL BE MADE IMMEDIATELY TO EROSION CONTROL PRACTICES AS NECESSARY.
6. TEMPORARY STOCKPILES SHALL BE STABILIZED IF NOT REMOVED IN 10 DAYS. PERIMETER CONTROL ON THE DOWNHILL SIDE SHALL BE IN PLACE AT ALL TIMES (SILT FENCE OR APPROVED EQUAL).
7. TEMPORARY SEED MIXTURE SHALL CONFORM TO 630.2.1.5.1.4 OF THE WisDOT STANDARD SPECIFICATIONS USE WINTER WHEAT OR RYE FOR FALL PLANTINGS STARTED AFTER SEPTEMBER 1.
8. DISTURBED AREAS THAT CANNOT BE STABILIZED WITH A DENSE GROWTH OF VEGETATION BY SEEDING AND MULCHING DUE TO TEMPERATURE OR TIMING OF CONSTRUCTION, SHALL BE STABILIZED BY APPLYING ANIONIC POLYACRYLAMIDE (PAM) IN ACCORDANCE WITH WISDNR TECHNICAL STANDARD 1050.
9. SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT BASINS TO MAINTAIN A THREE FOOT DEPTH OF TREATMENT, MEASURED BELOW THE NORMAL WATER ELEVATION. SEDIMENT WILL BE REMOVED FROM THE DIVERSION DITCHES WHEN IT REACHES HALF THE HEIGHT OF THE DITCH. SEDIMENT WILL BE REMOVED FROM BEHIND THE SILT FENCE AND DITCH CHECKS WHEN IT REACHES HALF THE HEIGHT OF THE FENCE/BALE THE SILT FENCE AND DITCH CHECKS SHALL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER.
10. ALL WATER FROM CONSTRUCTION DEWATERING SHALL BE TREATED IN ACCORDANCE WITH WISDNR TECHNICAL STANDARD 1061 PRIOR TO DISCHARGE TO WATERS OF THE STATE, WETLANDS, OR OFFSITE.
11. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION. ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS ACHIEVED. DEPENDING ON HOW THE CONTRACTOR GRADES THE SITE, IT MAY BE NECESSARY TO INSTALL TEMPORARY EROSION CONTROL AND/OR SEDIMENT TRAPS IN VARIOUS LOCATIONS THROUGHOUT THE PROJECT. TEMPORARY SEDIMENT TRAPS SHALL BE DESIGNED, INSTALLED, AND MAINTAINED IN ACCORDANCE WITH WISDNR TECHNICAL STANDARD 1063.
12. TRACKED MATERIAL TO ADJACENT STREETS SHALL BE COLLECTED AT THE END OF EACH WORKING DAY OR AS REQUIRED BY THE LOCAL MUNICIPALITY.
13. DUST CONTROL SHALL BE PROVIDED AS NECESSARY IN ACCORDANCE WITH WISDNR TECHNICAL STANDARD 106B.
14. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL EROSION CONTROL FACILITIES AND MEASURES NECESSARY TO CONTROL EROSION AND SEDIMENTATION AT THE PROJECT SITE. THESE FACILITIES AND MEASURES MAY OR MAY NOT BE SHOWN ON THE DRAWINGS AND THEIR ABSENCE ON THE DRAWINGS DOES NOT ALLEVIATE THE CONTRACTOR FROM PROVIDING THEM. ANY MEASURES AND FACILITIES SHOWN ON THE DRAWINGS ARE THE MINIMUM ACTIONS REQUIRED.

15. ERODED MATERIAL THAT HAS LEFT THE CONSTRUCTION SITE SHALL BE COLLECTED AND RETURNED TO THE SITE BY THE CONTRACTOR.
16. AFTER FINAL VEGETATION IS ESTABLISHED, REMOVE ALL EROSION CONTROL FACILITIES. RESTORE AREAS DISTURBED BY THE REMOVALS.
17. KEEP A COPY OF THE CURRENT EROSION CONTROL PLAN ON SITE THROUGHOUT THE DURATION OF THE PROJECT.
18. COMPLETE AND STABILIZE SEDIMENT BASINS/TRAPS PRIOR TO MASS LAND DISTURBANCE TO CONTROL RUNOFF DURING CONSTRUCTION. REMOVE SEDIMENT AS NEEDED TO MAINTAIN 3 FEET OF DEPTH TO THE OUTLET, AND PROPERLY DISPOSE OF SEDIMENT REMOVED DURING MAINTENANCE. CONSTRUCT AND MAINTAIN THE SEDIMENT BASIN PER WISDNR TECHNICAL STANDARDS.
19. PROPERLY DISPOSE OF ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, OR OTHER CONSTRUCTION MATERIALS) AND DO NOT ALLOW THESE MATERIALS TO BE CARRIED BY RUNOFF INTO THE RECEIVING CHANNEL.
20. FOR NON-CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED SLOPES 4:1, USE CLASS I URBAN, TYPE A EROSION CONTROL MATTING. FOR SLOPES GREATER THAN 4:1 BUT LESS THAN 2.5:1, USE CLASS I URBAN TYPE B. FOR SLOPES GREATER THAN 2.5:1 USE CLASS I TYPE B. SELECT EROSION MATTING FROM APPROPRIATE MATRIX IN WisDOT'S FACILITIES DEVELOPMENT MANUAL AND INSTALL AND MAINTAIN PER WISDNR TECHNICAL STANDARDS.
21. FOR CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED AREAS, PROVIDE CLASS I TYPE B EROSION CONTROL MATTING. ELECT EROSION MATTING FROM APPROPRIATE MATRIX IN WisDOT'S FACILITIES DEVELOPMENT MANUAL; INSTALL AND MAINTAIN PER WISDNR TECHNICAL STANDARDS.
22. ALL DISTURBED AREAS WITHIN THE RIGHT-OF-WAY SHALL BE COVERED WITH A BIO-DEGRADABLE EROSION MAT INCLUDING BIO-DEGRADABLE STAPLES.
23. ALL BIO-DEGRADABLE EROSION MAT SHALL BE CURLEX NET FREE OR APPROVED EQUAL.
24. WATERING OF NEW SEEDING SHALL BE OF A DURATION AND FREQUENCY MAINTAIN TO ENSURE PROPER ESTABLISHMENT OF NEW SEEDING.
25. MAKE PROVISIONS FOR WATERING DURING THE FIRST 8 WEEKS FOLLOWING SEEDING OR PLANTING OF DISTURBED AREAS WHENEVER MORE THAN 7 CONSECUTIVE DAYS OF DRY WEATHER OCCUR.

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EROSION CONTROL NOTES

CITY OF MADISON, DANE COUNTY, WI

**6010 VOEGES ROAD
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SNYDER & ASSOCIATES, INC. I



SNYDER & ASSOCIATES

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GENERAL CONDITIONS

1. THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE MUNICIPALITY TWO WORKING DAYS (48 HOURS) PRIOR TO THE START OF CONSTRUCTION.
2. THE CONTRACTOR SHALL INDEMNIFY THE OWNER, THE ENGINEER, AND THE MUNICIPALITY, THEIR AGENTS, ETC. FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, AND TESTING OF THE WORK ON THIS PROJECT.
3. SITE SAFETY SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
4. THE BIDDER WILL BE SOLELY RESPONSIBLE FOR DETERMINING QUANTITIES AND SHALL STATE SUCH QUANTITIES IN HIS PROPOSAL. HE SHALL BASE HIS BID ON HIS OWN ESTIMATE OF THE WORK REQUIRED AND SHALL NOT RELY ON THE ENGINEER'S ESTIMATE.
5. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING SOIL CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. A GEOTECHNICAL REPORT IS AVAILABLE FROM THE OWNER. THE CONTRACTOR SHALL ABIDE BY THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.
6. THE CONTRACTOR IS RESPONSIBLE FOR EXAMINING ALL SITE CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL COMPARE FIELD CONDITIONS WITH DRAWINGS.
7. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS REQUIRED FOR EXECUTION OF THE WORK. THE CONTRACTOR SHALL CONDUCT HIS WORK ACCORDING TO THE REQUIREMENTS OF THE PERMITS.
8. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL UTILITY INFORMATION SHOWN ON THE PLANS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL CALL DIGGER'S HOTLINE AT 1-800-242-8511 TO NOTIFY THE UTILITIES OF HIS INTENTIONS, AND TO REQUEST FIELD STAKING OF EXISTING UTILITIES.
9. CONTRACTOR IS ADVISED THAT ALL MUD AND DEBRIS MUST NOT BE DEPOSITED ONTO THE ADJACENT ROADWAYS PER THE REQUIREMENT OF THE MUNICIPALITY OR OTHER APPROPRIATE GOVERNMENT AGENCIES.
10. ANY ADJACENT PROPERTIES OR ROAD RIGHT-OF-WAYS WHICH ARE DAMAGED DURING CONSTRUCTION MUST BE RESTORED BY THE CONTRACTOR. THE COST OF THE RESTORATION IS CONSIDERED INCIDENTAL, AND SHOULD BE INCLUDED IN THE BID PRICES.

GRADING

1. THE PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED ACCORDING TO THE WISCONSIN D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, LATEST EDITION, AND THE LOCAL ORDINANCES AND SPECIFICATIONS.
2. THE CONTRACTOR SHALL MAINTAIN SITE DRAINAGE THROUGHOUT CONSTRUCTION. THIS MAY INCLUDE THE EXCAVATION OF TEMPORARY DITCHES OR PUMPING TO ALLEVIATE WATER PONDING.
3. SILT FENCE AND OTHER EROSION CONTROL FACILITIES MUST BE INSTALLED PRIOR TO CONSTRUCTION OR ANY OTHER LAND DISTURBING ACTIVITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL EROSION CONTROL FACILITIES ONCE THE SITE HAS BEEN STABILIZED WITH VEGETATION AND THE APPROVAL OF THE GOVERNING AGENCY.
4. THE CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR THE COMPUTATIONS OF ALL GRADING, CUT AND FILL CALCULATIONS AND FOR ACTUAL LAND BALANCE, INCLUDING UTILITY TRENCH SPOIL. THE CONTRACTOR SHALL IMPORT OR EXPORT MATERIAL AS NECESSARY TO COMPLETE THE PROJECT.
5. GRADING SHALL CONSIST OF CLEARING AND GRUBBING EXISTING VEGETATION, STRIPPING TOPSOIL, REMOVAL OF EXISTING PAVEMENT OR FOUNDATIONS, IMPORTING OR EXPORTING MATERIAL TO ACHIEVE AND ON-SITE EARTHWORK BALANCE, GRADING THE PROPOSED BUILDING PADS AND PAVEMENT AREAS, SCARIFYING AND FINAL COMPACTION OF THE PAVEMENT SUBGRADE, AND PLACEMENT OF TOPSOIL.
6. NO FILL SHALL BE PLACED ON A WET OR SOFT SUBGRADE THE SUBGRADE SHALL BE PROOF-ROLLED AND INSPECTED BY THE ENGINEER BEFORE ANY MATERIAL IS PLACED.
7. ALL SPOT GRADES SHOWN ON PLAN ARE EDGE OF PAVEMENT OR FINISHED GROUND UNLESS OTHERWISE NOTED.
8. CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ANY EXCESS SOIL FROM THE SITE.

PAVING

1. THE PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED ACCORDING TO THE WISCONSIN D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, LATEST EDITION, AND THE LOCAL ORDINANCES AND SPECIFICATIONS.
2. PAVING SHALL CONSIST OF FINE GRADING PAVEMENT AREAS, INSTALLATION OF CRUSHED STONE BASE, CONCRETE AND/OR BITUMINOUS PAVEMENT, PAVEMENT MARKING, AND CLEANUP. ALL MATERIALS SHALL BE PROVIDED BY THE CONTRACTOR.
3. AGGREGATES USED IN THE CRUSHED AGGREGATE BASE SHALL BE (1.25-INCH) DENSE GRADED BASE IN ACCORDANCE WITH SUBSECTION 305.2.2 OF THE STANDARD SPECIFICATIONS.
4. THE CONSTRUCTED BASE COURSE SHALL PASS A PROOF ROLL PRIOR TO PLACEMENT OF ASPHALT PAVING.
5. HOT MIX ASPHALT PAVEMENT (HMA) SHALL BE SUPERPAVE (E-1) IN ACCORDANCE WITH SECTION 460 OF THE STANDARD SPECIFICATIONS.
6. ASPHALTIC MATERIALS SHALL BE PERFORMANCE GRADED (PG) BINDERS IN ACCORDANCE WITH SECTION 455 OF THE STANDARD SPECIFICATIONS.
7. AGGREGATES USED IN THE HMA SHALL BE IN ACCORDANCE WITH SUBSECTION 460.2.2.3 OF THE STANDARD SPECIFICATIONS. THE NOMINAL AGGREGATE SIZE FOR THE UPPER LAYER PAVEMENT FOR THE PARKING LOT SHALL BE (9.5MM), AND THE LOWER LAYER PAVEMENT FOR THE PARKING LOT SHALL BE (12.5MM).
8. TACK COAT SHALL BE IN ACCORDANCE WITH SUBSECTION 455.2.5 OF THE STANDARD SPECIFICATIONS. THE RATE OF APPLICATION SHALL BE 0.025 GAL/SY.
9. CONCRETE FOR CURB, DRIVEWAY, WALKS AND NON-FLOOR SLABS SHALL BE GRADE A (OR GRADE A2 IF PLACING BY SLIP-FORMED PROCESS) AIR ENTRAINED IN ACCORDANCE WITH SECTION 501 FOR THE STANDARD SPECIFICATIONS, WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3,500 PSI.
10. CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FOLLOWING SECTIONS OF THE STANDARD SPECIFICATIONS: SECTION 415 FOR CONCRETE PAVEMENT SECTION 601 FOR CONCRETE CURB AND GUTTER SECTION 602 FOR CONCRETE SIDEWALKS.
11. ALL FINISHED CONCRETE SHALL BE COVERED WITH A LIQUID CURING COMPOUND CONFORMING TO AASHTO M 148, TYPE 2, IN ACCORDANCE WITH SECTION 415 OF THE STANDARD SPECIFICATIONS.
12. PAVEMENT MARKINGS SHALL BE PAINT IN ACCORDANCE WITH SECTION 646 OF THE STANDARD SPECIFICATIONS. THE FOLLOWING ITEMS SHALL BE PAINTED WITH COLORS NOTED BELOW:

- PARKING STALLS: WHITE
- ADA SYMBOLS: BLUE OR PER LOCAL CODE
- EXTERIOR SIDEWALK CURBED, LIGHT POLE BASES AND GUARD POSTS: YELLOW

SANITARY SEWER & WATER MAIN NOTES

1. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION.
 2. THE PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED ACCORDING TO WISCONSIN ADMINISTRATIVE CODE, SECTION SPS 382-384, LATEST EDITION, THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, LATEST EDITION, AND THE LOCAL ORDINANCES AND SPECIFICATIONS.
 3. BEFORE PROCEEDING WITH ANY UTILITY CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE EACH EXISTING LATERAL OR POINT OF CONNECTION AND VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES. IF ANY EXISTING UTILITIES ARE NOT AS SHOWN ON THE DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY FOR POSSIBLE REDESIGN.
 4. ALL CONNECTIONS TO EXISTING PIPES AND MANHOLES SHALL BE CORED CONNECTIONS.
 5. PROPOSED SANITARY SEWER, WATER MAIN, AND INTERNALLY CONNECTED STORM SEWER SHOWN ON THIS PLAN SHALL TERMINATE AT POINT FIVE (5) FEET FROM THE EXTERIOR BUILDING WALL. STORM SEWER CONNECTING TO EXTERIOR DOWN SPOUTS SHALL BE PER DETAILS ON THE ARCHITECTURAL PLANS. THE EXACT LOCATION OF ALL DOWN SPOUTS SHALL BE PER THE ARCHITECTURAL PLANS.
 6. MATERIALS FOR SANITARY SEWER SHALL BE AS FOLLOWS: SANITARY SEWER SHALL BE PVC IN ACCORDANCE WITH ASTM 3034, SDR-35 AND BEDDED WITH CLASS C BEDDING. BEDDING: 3/8" TO 1 1/2" CLEAR STONE COVER: 3/8" TO 1 1/2" CLEAR STONE
- TRACER WIRE SHALL BE INSTALLED WITH ALL NEW LATERALS. TRACER WIRE BOXES SHALL BE PROVIDED AND LOCATED 3.5' BEHIND THE BACK OF CURB. "SEWER" SHALL BE STAMPED IN THE LID OF THE ACCESS BOX. TRACER WIRE SHALL EXTEND TO THE RIGHT OF WAY.
- ALL LATERAL ENDS SHALL BE MARKED WITH A TREATED 4" X 4" POST AND THE TOP OF THE POST SHALL BE PAINTED GREEN. LATERAL END SHALL BE CAPPED WITH A GLUED ON CAP.
- LATERALS ARE NOT ALLOWED TO BE CONNECTED DIRECTLY INTO A MANHOLE.
- EXCAVATED MATERIAL FROM THE TRENCH NOT SUITABLE FOR BACKFILL AS DEEMED BY THE PUBLIC SERVICES DIRECTOR SHALL BE HAULED OFF-SITE AND SELECT TRENCH BACKFILL WILL BE REQUIRED.
- LATERAL DEPTH AT THE RIGHT-OF-WAY SHALL NOT EXCEED 12' WITHOUT PROPER JUSTIFICATION. VARIANCES FROM THIS MAP BE APPROVED BY THE PUBLIC SERVICES DIRECTOR.
7. MATERIALS FOR WATER SERVICE SHALL BE AS FOLLOWS: 2" WATER SERVICE TO BE TYPE "K" COPPER. CURB BOXES SHALL BE BINGHAM AND TAYLOR BUFFALO TYPE AND INSTALLED WITH THE EXTENSION ROD AND GUIDE RING. CURB VALVES SHALL BE MUELLER H15209. CURB BOXES SHALL BE LOCATED 3.5' BEHIND THE BACK OF CURB.

STORM SEWER NOTES

1. STORM SEWER AND STORMWATER MANAGEMENT SHALL BE AS FOLLOWS: STORM SEWER SHALL BE RCP UNLESS OTHERWISE SPECIFIED ON PLANS. STORM SEWER PIPE BEDDING SHALL BE CLEAR STONE. MINIMUM COVER FOR ALL STORM SEWER SHALL BE 2'.
2. EXCAVATED MATERIAL FROM THE TRENCH NOT SUITABLE FOR BACKFILL AS DEEMED BY THE PUBLIC SERVICES DIRECTOR SHALL BE HAULED OFF-SITE AND SELECT TRENCH BACKFILL WILL BE REQUIRED.
3. STORM SEWER STRUCTURES SHALL MEET ALL MANUFACTURERS INSTALLATION RECOMMENDATIONS.
4. EXTREME CAUTION MUST BE FOLLOWED REGARDING THE COMPACTION OF ALL UTILITY TRENCHES. MECHANICALLY COMPACTED GRANULAR BACKFILL IS REQUIRED UNDER AND WITHIN 5 FEET OF ALL PAVEMENT INCLUDING SIDEWALKS AND FUTURE PARKING AREA AS SPECIFIED ON PLANS. FLOODING OF BACKFILL MATERIAL IS NOT ALLOWED. THE COST OF THIS GRANULAR MATERIAL AND ITS COMPACTION IS CONSIDERED INCIDENTAL AND SHALL BE INCLUDED IN THE COST OF THE PROPOSED UTILITY.
5. PRIOR TO FINAL PAVING OPERATIONS, THE UTILITY CONTRACTOR SHALL ADJUST ALL MANHOLE AND INLET RIMS AND VALVE BOXES TO FINISHED GRADE.
6. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE OWNER WITH A SET OF MARKED-UP PRINTS SHOWING ALL CHANGES MADE DURING THE CONSTRUCTION PROCESS. ANY CHANGES TO THE DRAWINGS OR ADDITIONAL ITEMS MUST BE REPORTED TO THE OWNER.

ADDITIONAL UTILITY NOTES

1. EXTREME CAUTION MUST BE FOLLOWED REGARDING THE COMPACTION OF ALL UTILITY TRENCHES. MECHANICALLY COMPACTED GRANULAR BACKFILL IS REQUIRED UNDER AND WITHIN 5 FEET OF ALL PAVEMENT INCLUDING SIDEWALKS. FLOODING OF BACKFILL MATERIAL IS NOT ALLOWED. THE COST OF THIS GRANULAR MATERIAL AND ITS COMPACTION IS CONSIDERED INCIDENTAL AND SHALL BE INCLUDED IN THE COST OF THE PROPOSED UTILITY.
2. PRIOR TO FINAL PAVING OPERATIONS, THE UTILITY CONTRACTOR SHALL ADJUST ALL MANHOLE AND INLET RIMS AND VALVE BOXES TO FINISHED GRADE.
3. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE OWNER WITH A SET OF MARKED-UP PRINTS SHOWING ALL CHANGES MADE DURING THE CONSTRUCTION PROCESS. ANY CHANGES TO THE DRAWINGS OR ADDITIONAL ITEMS MUST BE REPORTED TO THE OWNER.
4. TRACER WIRE SHALL BE INSTALLED ON ALL BURIED NON-METALLIC SANITARY SEWERS, PRIVATE SANITARY INTERCEPTOR MAIN SEWERS, STORM BUILDING SEWERS, AND PRIVATE STORM INTERCEPTOR MAIN SEWERS THAT DISCHARGE TO MUNICIPAL MAINS. TRACER WIRE SHALL BE A MINIMUM OF 12-GAUGE, INSULATED, SINGLE-CONDUCTOR COPPER WIRE OR EQUIVALENT. TRACER WIRE COLOR SHALL BE BLUE FOR POTABLE WATER, GREEN FOR SANITARY SEWER, AND BROWN FOR STORM SEWER.

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Technician: TECH	Project No: 121.0715.30		
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SITE NOTES

CITY OF MADISON, DANE COUNTY, WI

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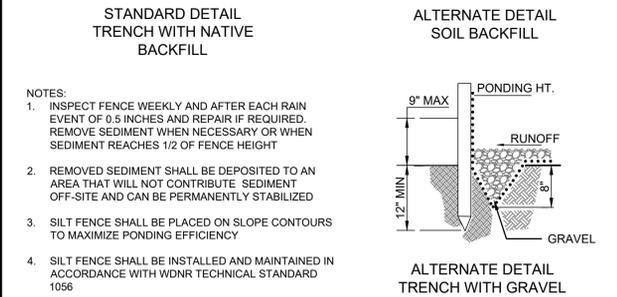
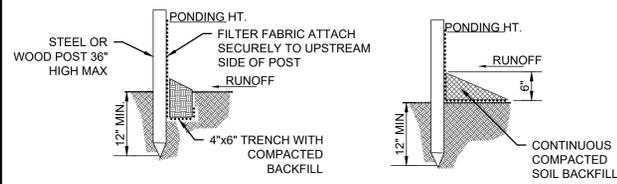
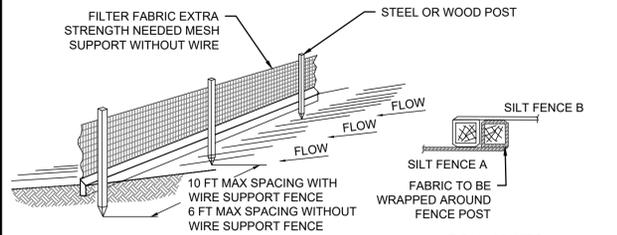


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*FLOW RATINGS SHOWN ARE 50% MAXIMUM

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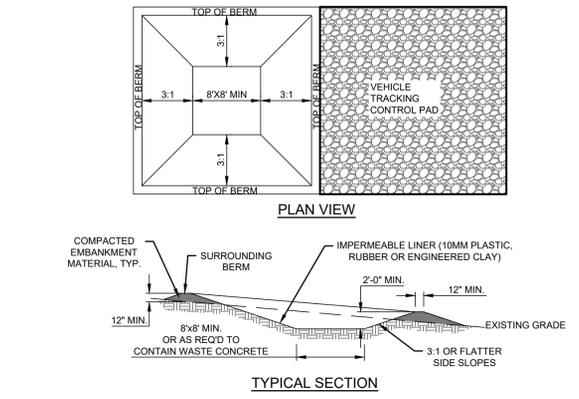
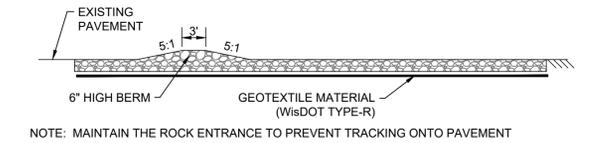
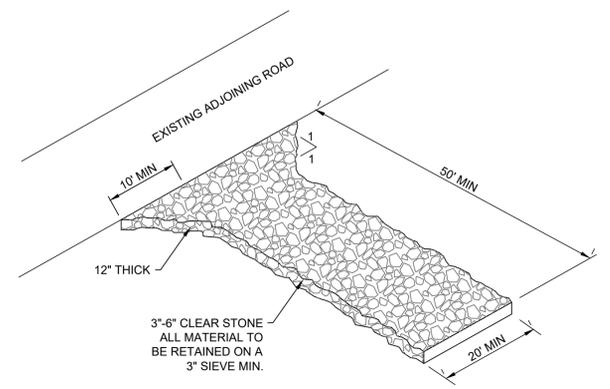
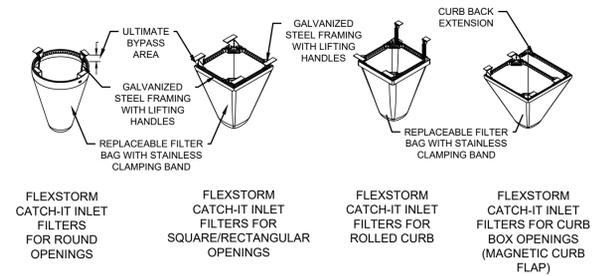
- ALL FRAMING IS CONSTRUCTED OF CORROSION RESISTANT STEEL FRAMING FOR PROLONGED PRODUCT LIFE.
- TOTAL BYPASS CAPACITY WILL VARY WITH EACH SIZED DRAINAGE STRUCTURE. FLEXSTORM DESIGNS FRAMING BYPASS TO MEET OR EXCEED THE DESIGN FLOW OF THE PARTICULAR DRAINAGE STRUCTURE. CONCRETE STRUCTURES MAY REQUIRE ADDITIONAL REVIEW.
- UPON ORDERING THE ADS PIN CONFIRMATION OF THE DOT CALLOUT, FLEXSTORM ITEM CODE, CASTING MAKE AND MODEL, OR DETAILED DIMENSIONAL FORMS MUST BE PROVIDED.
- FOR WRITTEN SPECIFICATIONS AND MAINTENANCE GUIDELINES VISIT WWW.INLETFILTERS.COM

INSTALLATION:

- REMOVE GRATE
- DROP FLEXSTORM INLET FILTER ONTO LOAD BEARING LIP OF CASTING OR CONCRETE STRUCTURE
- REPLACE GRATE

Product selection for FLEXSTORM CATCH-IT Filters (Temporary Inlet Protection)

Neenah Casting	Inlet Type	Grate Size	Opening Size	Bag Cap (ft ²)	Flow Ratings (CFS)		ADS P/N
					FX	Bypass	
1040/1642/1733	Round	26	24	1.9	1.5	5.4	62MROFX
3067 w/FLAP	Curb Box	35.25 x 17.75	33.0 x 15.0	3.8	1.9	5.6	62LCBEXTFX
3067 EXTENDED BACK	Curb Box	35.25 x 17.75	33.0 x 15.0	4.4	2.3	5.8	62LCBEXTFX
3246A	Curb Box	35.75 x 23.875	33.5 x 21.0	4.2	2.2	3.3	62LCBFX
3030	Square/Rect (SQ)	23 x 16	20.5 x 13.5	1.6	1.4	2.2	62MCBFX
3067-C	Square/Rect (SQ)	35.25 x 17.75	33 x 15	3.2	2.0	5.2	62LSQFX



CONCRETE WASHOUT AREA INSTALLATION NOTES

- SEE EROSION CONTROL PLAN FOR LOCATIONS OF CONCRETE WASHOUT AREA(S), TO BE PLACED A MIN. OF 50' FROM DRAINAGEWAYS, BODIES OF WATER, AND INLETS.)
- THE CONCRETE WASHOUT AREA(S) SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON SITE.
- VEHICLE TRACKING CONTROL PAD IS REQ'D AT THE ACCESS POINT(S).
- SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE WASHOUT AREA(S), AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT AREAS TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.
- EXCAVATED MATERIAL SHALL BE UTILIZED IN PERIMETER BERM CONSTRUCTION.

CONCRETE WASHOUT AREA MAINTENANCE NOTES

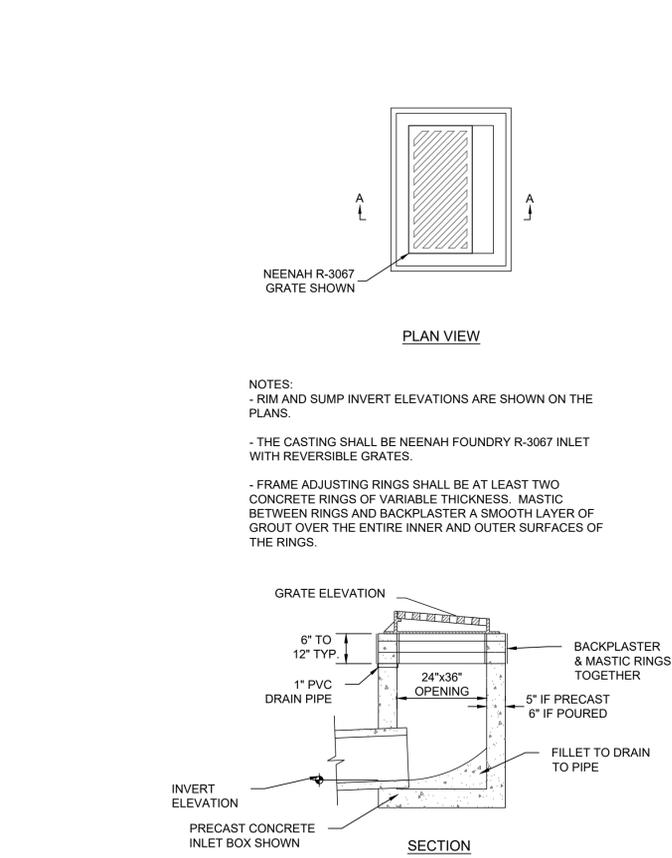
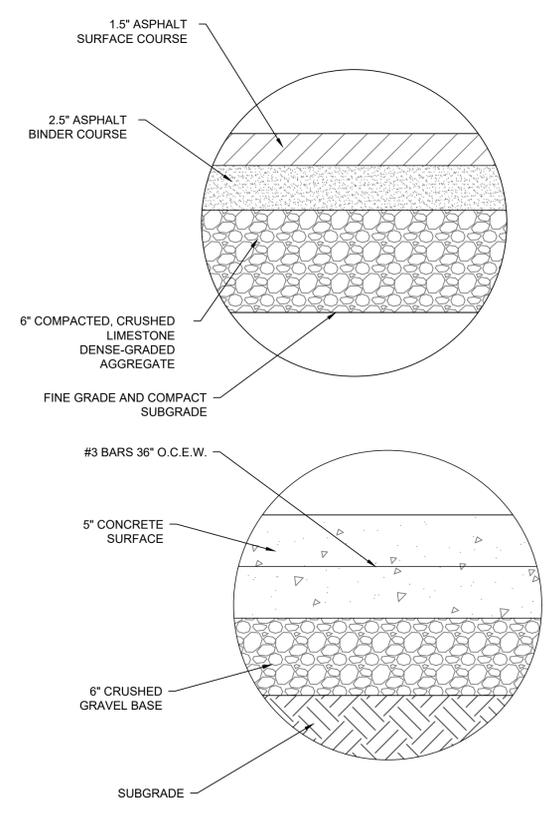
- THE CONCRETE WASHOUT AREA SHALL BE REPAIRED AND ENLARGED OR CLEANED OUT AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE
- AT THE END OF CONSTRUCTION, ALL CONCRETE SHALL BE REMOVED FROM SITE AND DISPOSED OF AT AN APPROVED WASTE SITE.
- WHEN CONCRETE WASHOUT AREA(S) IS REMOVED, THE DISTURBED AREA SHALL BE STABILIZED PER SITE EROSION CONTROL MEASURES.
- INSPECT WEEKLY AND DURING AND AFTER ALL STORM EVENTS. CLEAN-OUT OR COVER WASHOUT AREA PRIOR TO PREDICTED STORM EVENTS TO PREVENT OVER-FLOW.

1 SILT FENCE DETAIL
C 202 NO SCALE

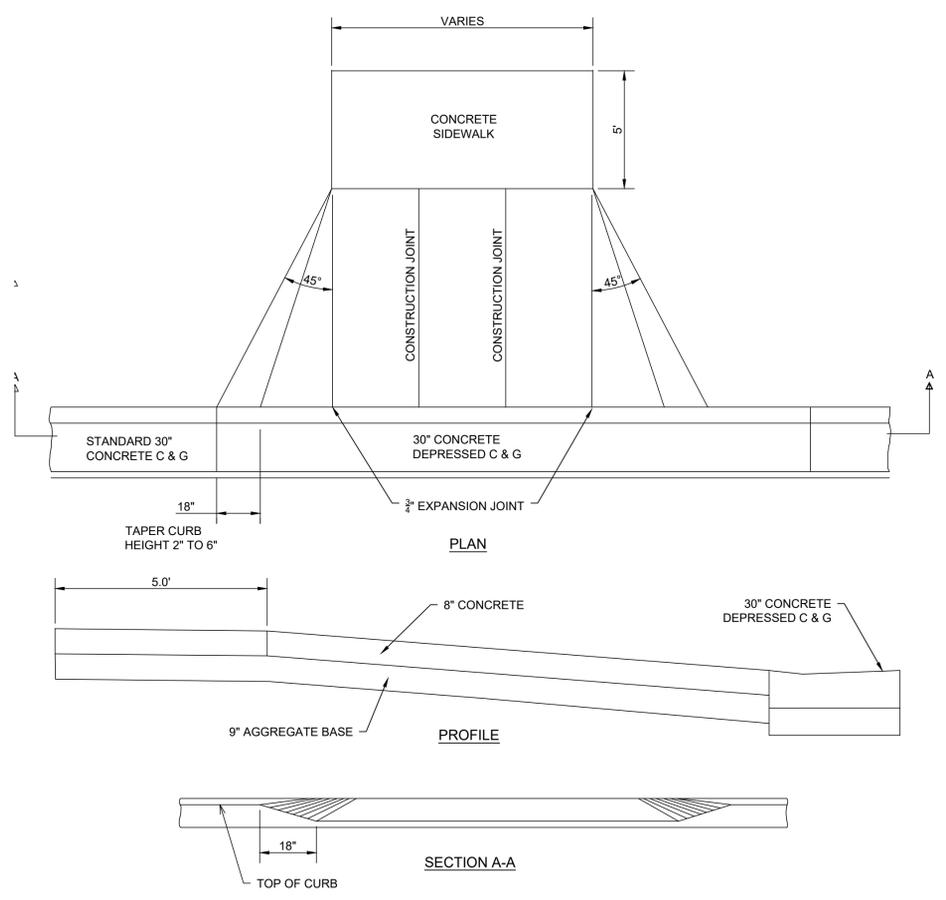
2 INLET PROTECTION DETAIL
C 202 SCALE: NTS

3 STONE ENTRANCE DETAIL
C 202 NO SCALE

4 CONCRETE WASHOUT AREA DETAIL
C 202 SCALE: NTS



6 RECTANGULAR CURB INLET DETAIL
C 202 NO SCALE



7 DRIVEWAY DETAIL
C 202 NO SCALE

5 PAVING DETAIL
C 202 NO SCALE



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DETAILS

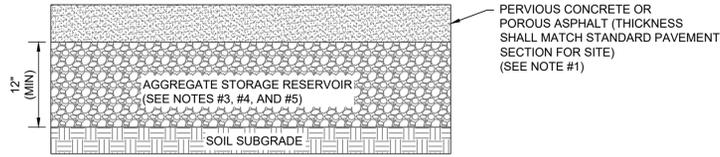
CITY OF MADISON, DANE COUNTY, WI

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MADISON, WISCONSIN 53719
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Project No: 121.0715.30
Sheet C 202

REVISION DATE BY
Checked By: M.L.C. Date: 07-20-2021 Scale: 1" =
Engineer: B.C.A. Technician: T.T.H. Date: 07-20-2021
Project No: 121.0715.30



NOTES:

1. PAVEMENT SURFACE PERCENT VOIDS SHALL BE LESS THAN 25%.
2. JOINT STONE AND BEDDING COURSE SHALL CONSIST OF ASTM C-38, 8, 9, 89, OR 57 AGGREGATE.
3. AGGREGATE STORAGE RESERVOIR DEPTH SHALL BE A MINIMUM OF 12 INCHES.
4. BASE AND / OR SUBBASE COURSES WITH MINIMUM POROSITY OF 30% CAN BE CONSIDERED AGGREGATE STORAGE RESERVOIR. BASE COURSE FOR PERMEABLE INTERLOCKING PAVERS SHALL BE 4" IN DEPTH OF ASTM C-33, 57 AGGREGATE AND CAN BE CONSIDERED PART OF THE AGGREGATE STORAGE DEPTH.
5. UNDERDRAINS CAN BE LOCATED WITHIN OR BELOW THE AGGREGATE STORAGE RESERVOIR. UNDERDRAINS (OR EQUIVALENT) ARE REQUIRED IF THE AGGREGATE STORAGE RESERVOIR DRAIN DRAW DOWN TIME WILL EXCEED 72 HOURS.

1 PERVIOUS CONCRETE OR POROUS ASPHALT DETAIL
C 203 NO SCALE



V:\Projects\2011\121.0715_30\CADD\1210715_0115.dwg BRAN, ARMAND, DETAILS, 2011/07/20, 10:52 AM, ARCH FULL BLEED (108.00 X 24.00 INCHES)

MARK	REVISION	DATE	BY
Engineer: BCA	Checked By: MLC	Date: 07-20-2021	Scale: 1" =
Technician: TECH			T-R-S: TTN-RRW-SS
Project No: 121.0715.30			Sheet C 203

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