


URBAN DESIGN COMMISSION APPLICATION

UDC

City of Madison
Planning Division
Madison Municipal Building, Suite 017
215 Martin Luther King, Jr. Blvd.
P.O. Box 2985
Madison, WI 53701-2985
(608) 266-4635



FOR OFFICE USE ONLY:

Paid _____ Receipt # _____
Date received _____
Received by _____
Aldermanic District _____
Zoning District _____
Urban Design District _____ 12/19/22
9:31 a.m. 
Submission reviewed by _____
Legistar # _____

Complete all sections of this application, including the desired meeting date and the action requested.

If you need an interpreter, translator, materials in alternate formats or other accommodations to access these forms, please call the phone number above immediately.

1. Project Information

Address: _____
Title: _____

2. Application Type (check all that apply) and Requested Date

UDC meeting date requested _____
New development Alteration to an existing or previously-approved development
Informational Initial approval Final approval

3. Project Type

Project in an Urban Design District
Project in the Downtown Core District (DC), Urban Mixed-Use District (UMX), or Mixed-Use Center District (MXC)
Project in the Suburban Employment Center District (SEC), Campus Institutional District (CI), or Employment Campus District (EC)
Planned Development (PD)
 General Development Plan (GDP)
 Specific Implementation Plan (SIP)
Planned Multi-Use Site or Residential Building Complex

Signage
Comprehensive Design Review (CDR)
Signage Variance (i.e. modification of signage height, area, and setback)
Signage Exception

Other
Please specify

4. Applicant, Agent, and Property Owner Information

Applicant name _____	Company _____
Street address _____	City/State/Zip _____
Telephone _____	Email _____
Project contact person _____	Company _____
Street address _____	City/State/Zip _____
Telephone _____	Email _____
Property owner (if not applicant) _____	
Street address _____	City/State/Zip _____
Telephone _____	Email _____

5. Required Submittal Materials

Application Form

Letter of Intent

- If the project is within an Urban Design District, a summary of how the development proposal addresses the district criteria is required
- For signage applications, a summary of how the proposed signage is consistent with the applicable CDR or Signage Variance review criteria is required.

Development Plans (Refer to checklist on Page 4 for plan details)

Filing fee

Electronic Submittal*

Notification to the District Alder

- Please provide an email to the District Alder notifying them that you are filing this UDC application. Please send this as early in the process as possible and provide a copy of that email with the submitted application.

Each submittal must include fourteen (14) 11" x 17" **collated** paper copies. Landscape and Lighting plans (if required) must be **full-sized and legible**. Please refrain from using plastic covers or spiral binding.


Both the paper copies and electronic copies must be submitted prior to the application deadline before an application will be scheduled for a UDC meeting. Late materials will not be accepted. A completed application form is required for each UDC appearance.

For projects also requiring Plan Commission approval, applicants must also have submitted an accepted application for Plan Commission consideration prior to obtaining any formal action (initial or final approval) from the UDC. All plans must be legible when reduced.

**Electronic copies of all items submitted in hard copy are required. Individual PDF files of each item submitted should be compiled on a CD or flash drive, or submitted via email to udcapplications@cityofmadison.com. The email must include the project address, project name, and applicant name. Electronic submittals via file hosting services (such as Dropbox.com) are not allowed. Applicants who are unable to provide the materials electronically should contact the Planning Division at (608) 266-4635 for assistance.*

6. Applicant Declarations

1. Prior to submitting this application, the applicant is required to discuss the proposed project with Urban Design Commission staff. This application was discussed with _____ on _____.
2. The applicant attests that all required materials are included in this submittal and understands that if any required information is not provided by the application deadline, the application will not be placed on an Urban Design Commission agenda for consideration.

Name of applicant _____ Relationship to property _____
 Authorizing signature of property owner _____  Date _____

7. Application Filing Fees

Fees are required to be paid with the first application for either initial or final approval of a project, unless the project is part of the combined application process involving the Urban Design Commission in conjunction with Plan Commission and/or Common Council consideration. Make checks payable to City Treasurer. Credit cards may be used for application fees of less than \$1,000.

Please consult the schedule below for the appropriate fee for your request:

Urban Design Districts: \$350 (per §35.24(6) MGO).

Minor Alteration in the Downtown Core District (DC) or Urban Mixed-Use District (UMX) : \$150 (per §33.24(6)(b) MGO)

Comprehensive Design Review: \$500 (per §31.041(3)(d)(1)(a) MGO)

Minor Alteration to a Comprehensive Sign Plan: \$100 (per §31.041(3)(d)(1)(c) MGO)

All other sign requests to the Urban Design Commission, including, but not limited to: appeals from the decisions of the Zoning Administrator, requests for signage variances (i.e. modifications of signage height, area, and setback), and additional sign code approvals: \$300 (per §31.041(3)(d)(2) MGO)

A filing fee is not required for the following project applications if part of the combined application process involving both Urban Design Commission and Plan Commission:

- Project in the Downtown Core District (DC), Urban Mixed-Use District (UMX), or Mixed-Use Center District (MXC)
- Project in the Suburban Employment Center District (SEC), Campus Institutional District (CI), or Employment Campus District (EC)
- Planned Development (PD): General Development Plan (GDP) and/or Specific Implementation Plan (SIP)
- Planned Multi-Use Site or Residential Building Complex

Overview

The intent of the project is to create affordable workforce housing for those that want to live in downtown. The means by which we achieve this is thru A.) maximizing the land use density, and B.) a design that maximizes efficiency while not sacrificing functionality. We believe that there is a strong need to not only provide this type of housing but to create a meaningful sense of place.

The proposed redevelopment of 139 West Wilson is a demolition of the existing multi-unit housing development and off-street parking and the creation of 335 residential units. The redevelopment proposal includes 4 on site vehicles as part of an on-demand use program. It will provide parking stalls to those that need or want them in the Dane county ramp. The site is in the Urban mixed-use (UMX) district and falls under the Capitol view preservation limit. The UMX does not require off street parking.

The UMX District is intended to provide opportunities for high-density residential and office uses in combination with limited retail and service uses designed to serve the immediate surroundings. The proposed use will require a conditional use approval since it is greater than 4 dwelling units. The proposed project will require conditional approval of a penthouse enclosing the elevator overrun and one stair overrun for Madison Fire Department roof access to exceed Capital View Preservation Height limit.

Design

The primary exterior material will be a highly durable acid etched concrete, with a custom faceted profile. The faceting will occur on all facades. The facets incorporate a horizontal and vertical articulation and twist within each unit 1' x 4' unit, creating a shadow and textural effect that changes based on view, time of day, sun angle, and sky clarity.

Wall art enclosures: The art images would be color jet printed on 4' x 10' DIBOND Aluminum composite panels, mounted behind a glass screen enclosure system and internally lit with a programmable LED system. These would occur in the following locations:

- Recessed Wilson Street entry condition with 51 feet tall, L-shaped (10' x 20') wide.
- Wrapping a 42' H x 30' W portion of the upper SW corner facing the lake.
- The interior walls of the zip car garage.

The front entry door is wrapped in a 12 feet tall walnut portal. The windows have a dark bronze aluminum frame and the glass on all windows and doors shall be slightly tinted to allow views into and out of the interior.

Resident amenities include:

- 3,620 SF open space garden
- Community lounge
- 9'4" ceilings in Residential units
- Fitness Center
- Car share recharge stations
- On site laundry
- Mail and secure package room
- Community remote work center
- Mail and secure package room

Project Data

Lot Area:	17,218.4 SF / .39 acres
Dwelling units:	335 D.U.
Lot Area/D.U.	51.4 SF/D.U.
Building footprint:	9,840 SF
Lot coverage:	12,128.4 SF / 70.4%
Gross Square footage:	156,633.5 GSF
Number of stories:	16
Major Building Height:	164.05'

Height: Max height for this proposal given MGO 28.134 (3) - Capitol View Preservation. City datum @ 0'-0" is established per code at 845.6'. From there to top of column capital at rotunda, code provides max height of 187.2' above datum. The sum of these is 1032.8'. Our spot elevation at front, center of sidewalk is 868.305'. Our FFE is 868.75'. Max height is $1032.8' - 869.75' = 164.05'$.

Parking: Per the ordinance there is no minimum car parking required. However, we will be providing 4 on site car stalls with charging stations. Bike parking per ordinance requires 332 stalls for residences and 33 for guests. We are providing 298 indoor secured parking stalls for residences and 19 exterior stalls for guests.

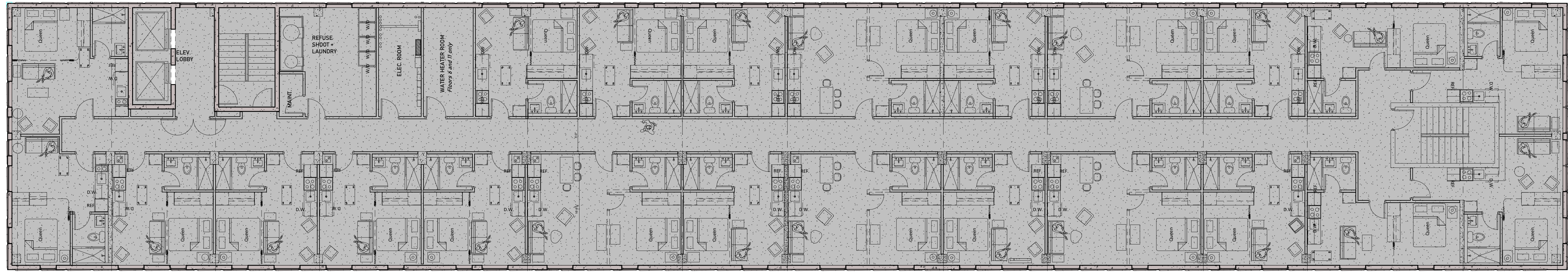
Design Development Team:	139 West Wilson LLC
Engineering:	One Design & Engineering
Civil engineering:	JSD
Landscape Design:	JSD
General Contractor:	JP Cullen

Thank you in advance and we look forward to hearing your thoughts about this proposal.

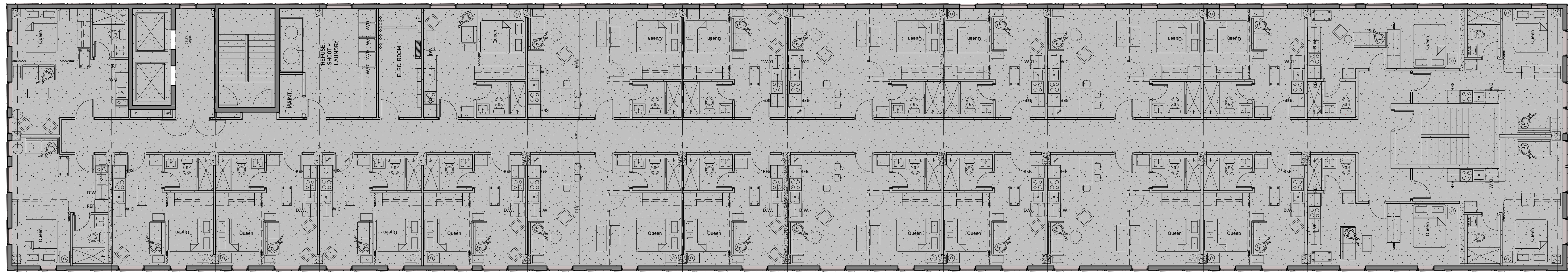
Sincerely,



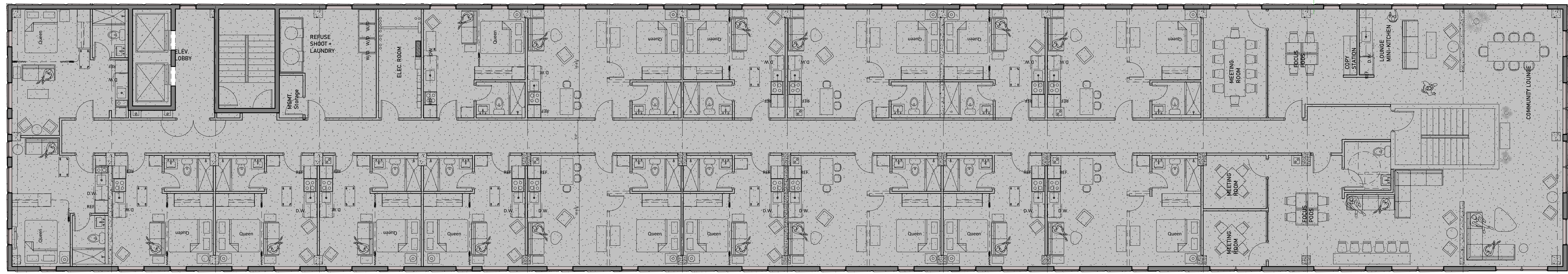
John Seamon - Managing member of 139 West Wilson LLC



1 Levels 6 and 11
1/8" = 1'-0"



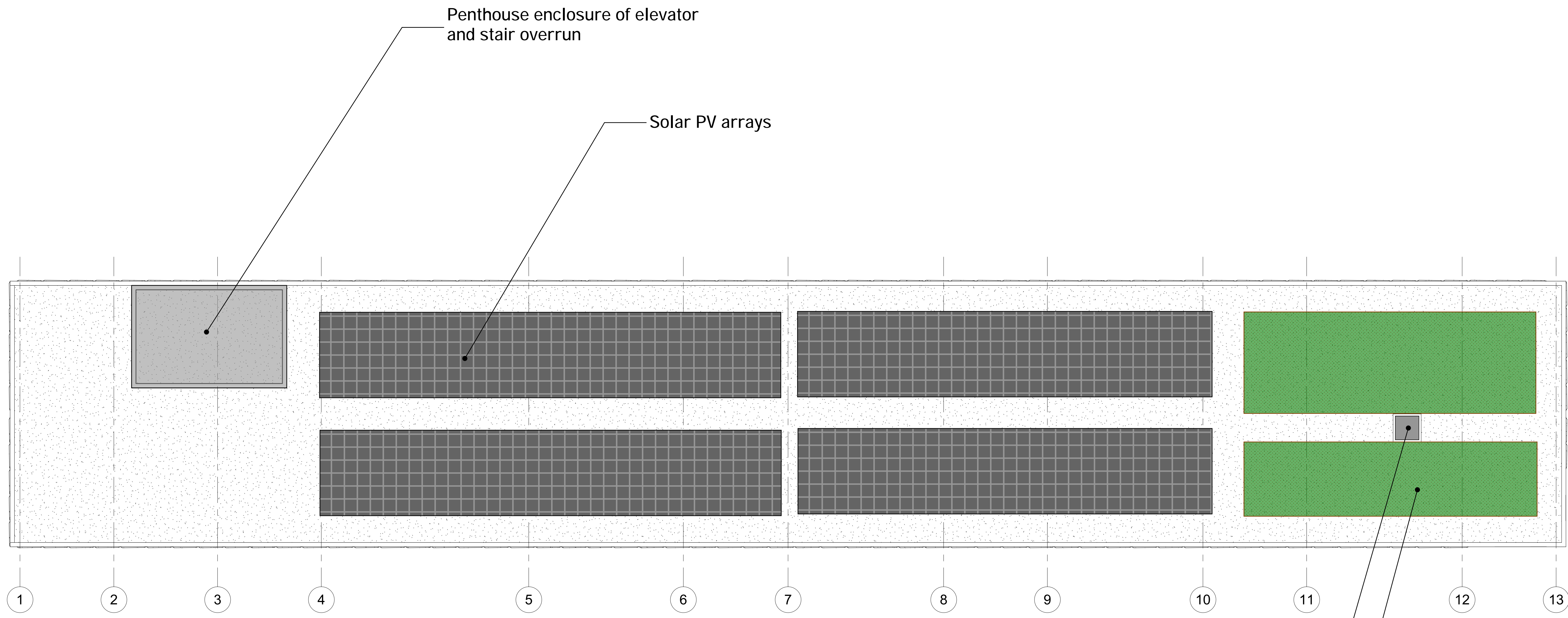
2 Levels 7-10 and 12-15
1/8" = 1'-0"



3 Level 16
1/8" = 1'-0"

Revisions:	

Project #:	21,000
Issued For:	Review
Date:	12/07/2022



Penthouse enclosure of elevator and stair overrun

Solar PV arrays

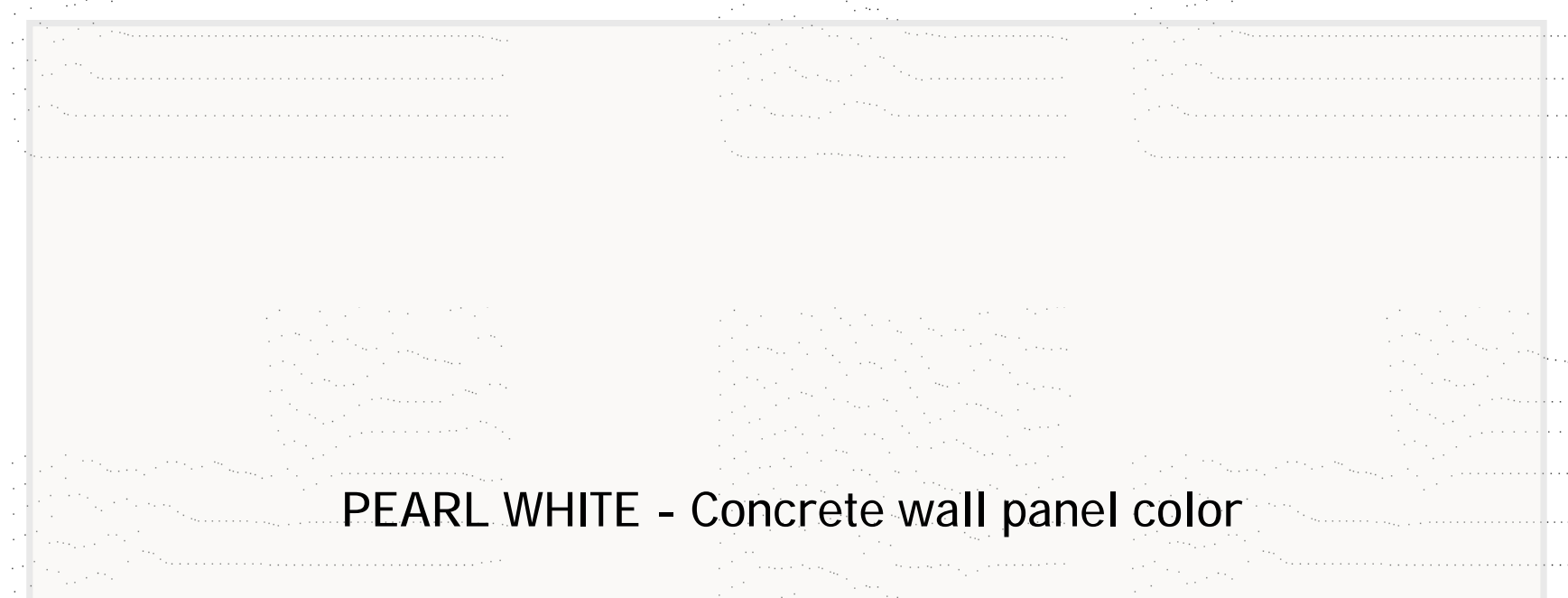
1 Roof
1/8" = 1'-0"

4'x4' Roof access hatch

1,400 SF Green roof system

Revisions:	

Project #: 21.000
Issued For: Review
Date: 12/07/2022



INTERNALLY LIT WALL ART ENCLOSURE. See Note 5, this sheet.

GENERAL MATERIAL NOTES:

- 1.) The glass on all windows and doors shall be slightly tinted to allow views into and out of the interior.
- 2.) The primary exterior material will be an highly durable acid etched concrete, with a custom faceted profile.
- 3.) The faceting will occur on all facades.
- 4.) The facets incorporate a horizontal and vertical articulation and twist within each unit, creating a pattern and texture change throughout the facade.
- 5.) Wall art enclosures: The art images would be color jet printed on 4' x 10' Di-bond composite panels, mounted behind a glass screen enclosure system and internally lit with a programmable LED system. These would occur in the following locations:
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 - The interior walls of the zip car garage.

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Issued For:	Review
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ENCLOSED ELEVATOR PENTHOUSE AND EGRESS STAIR FOR FIRE DEPARTMENT ACCESS.

ACID ETCHED CONCRETE WALL PANELS WITH 1" X 4' PROFILED FACETS. COLOR TO BE PEARL WHITE. TYP.

DARK BRONZE ANODIZED ALUMINUM FRAME DUAL PANE 1" INSULATED GLAZING WITH FLUSH- INTEGRATED LOUVER PANELS WHERE SHOWN. TYP.

INTERNALLY LIT WALL ART ENCLOSURE. See Note 5, this sheet.



① West
3/32" = 1'-0"

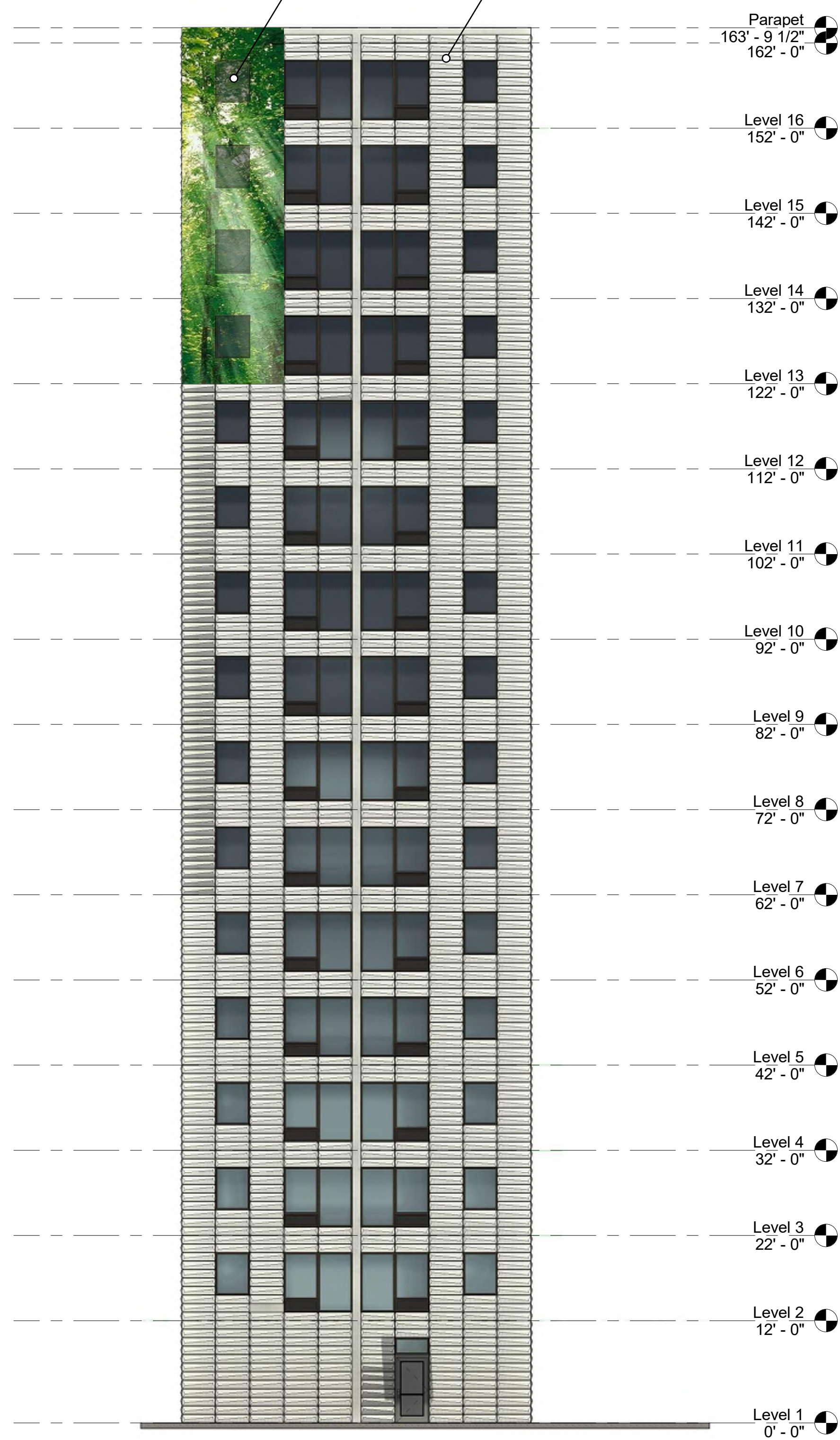
PEARL WHITE - Concrete wall panel color

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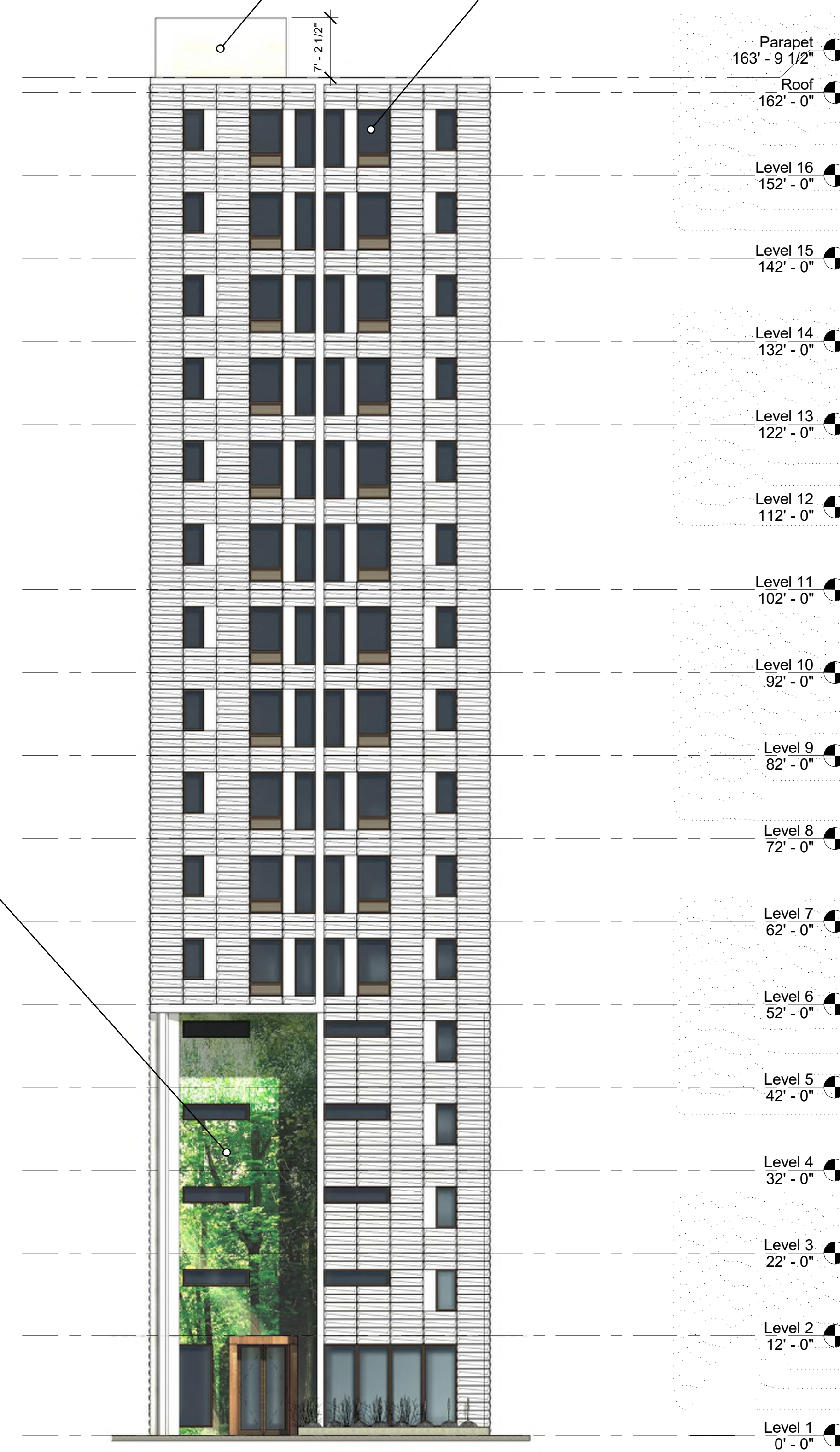


1 South
3/32" = 1'-0"

PEARL WHITE - Concrete wall panel color

ENCLOSED ELEVATOR PENTHOUSE AND EGRESS STAIR FOR FIRE DEPARTMENT ACCESS.

DARK BRONZE ANODIZED ALUMINUM FRAME DUAL PANE 1" INSULATED GLAZING WITH FLUSH- INTEGRATED LOUVER PANELS WHERE SHOWN. TYP.



2 North
3/32" = 1'-0"

INTERNALLY LIT WALL ART ENCLOSURE.
See Note 5, this sheet.

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 - The interior walls of the zip car garage.

Revisions:	

Project #: 21.000
Issued For: Review
Date: 12/07/2022



progression

139 West Wilson
Madison, Wisconsin
West Wilson Perspectives

Revisions:	

Project #: 21.000
Issued For: Review
Date: 12/07/2022



Revisions:	

Project #: 21.000
 Issued For: Review
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progression

139 West Wilson
Madison, Wisconsin

West Wilson Perspectives

Revisions:	

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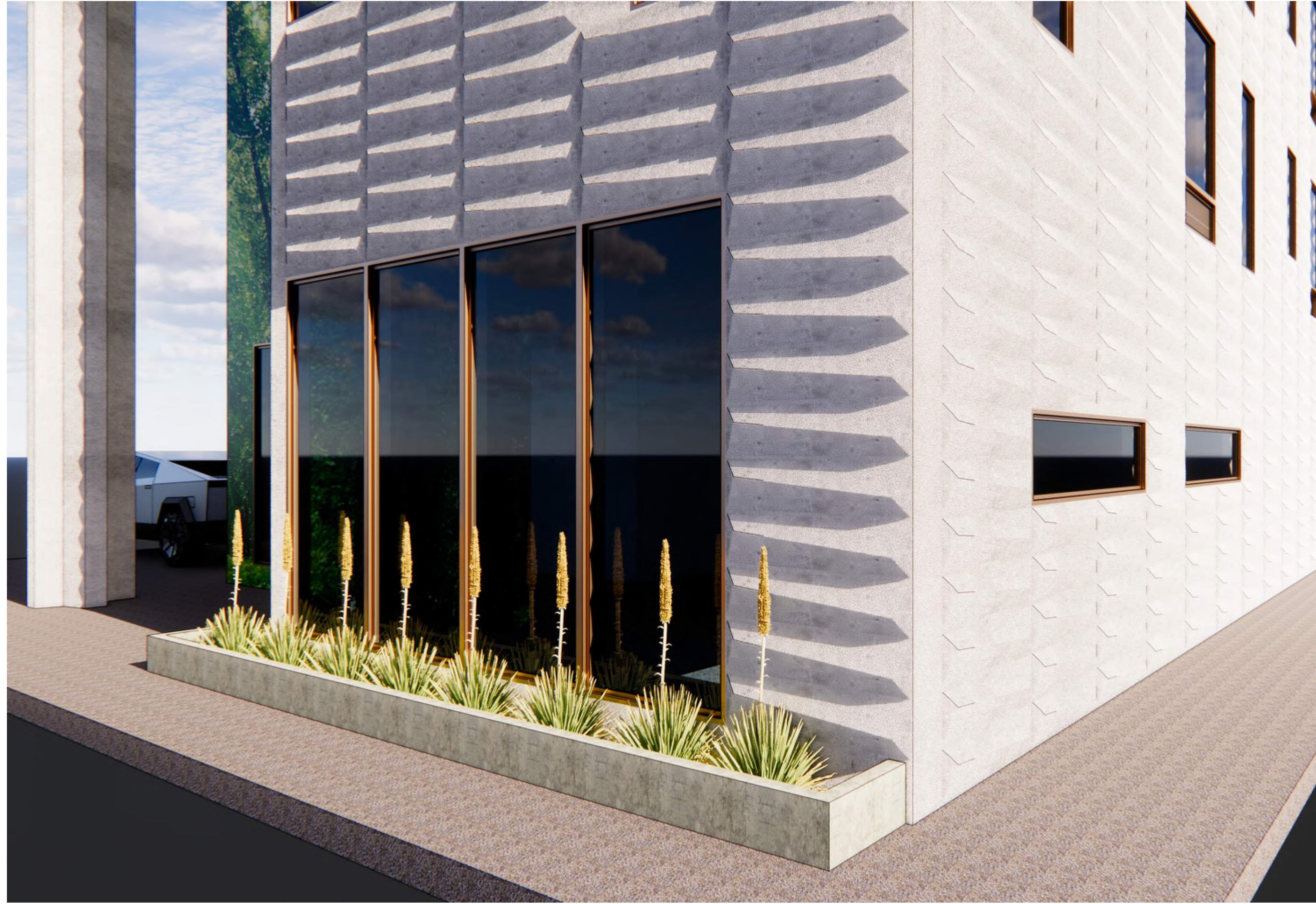


progression

139 West Wilson
Madison, Wisconsin
West Wilson Perspectives

Revisions:	

Project #: 21.000
Issued For: Review
Date: 12/07/2022



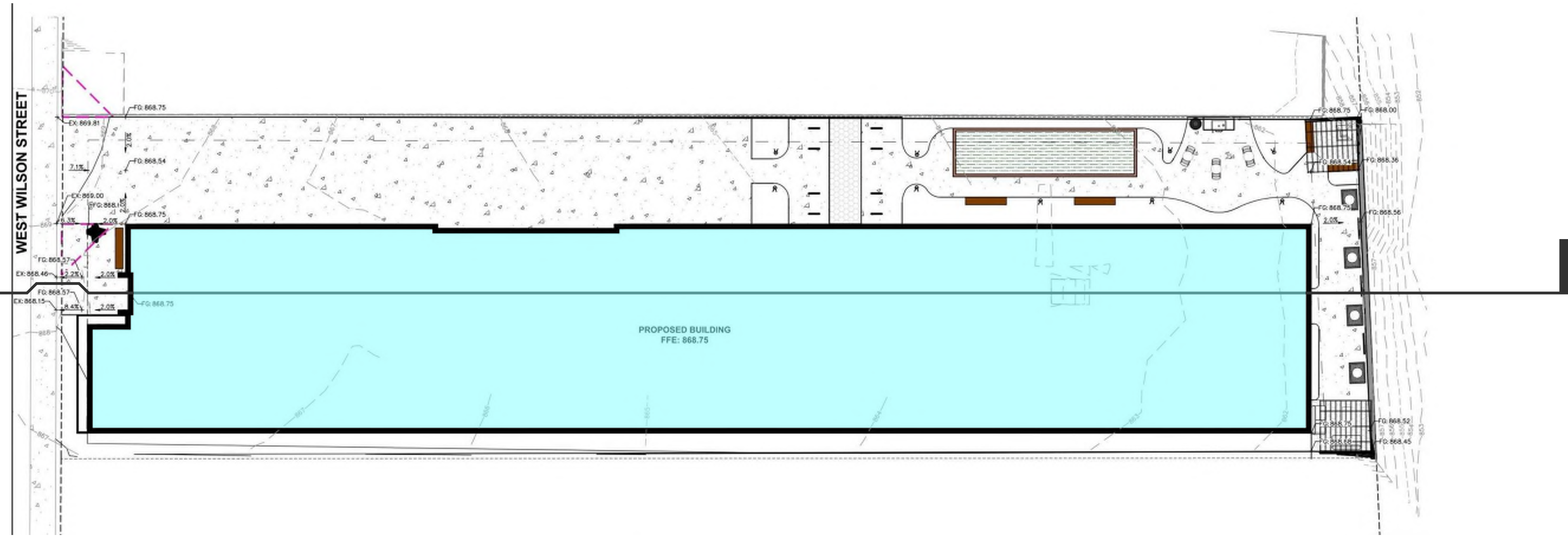
Revisions:	

Project #: 21.000
Issued For: Review
Date: 12/07/2022

Revisions:	
	Nov. 9, 2022

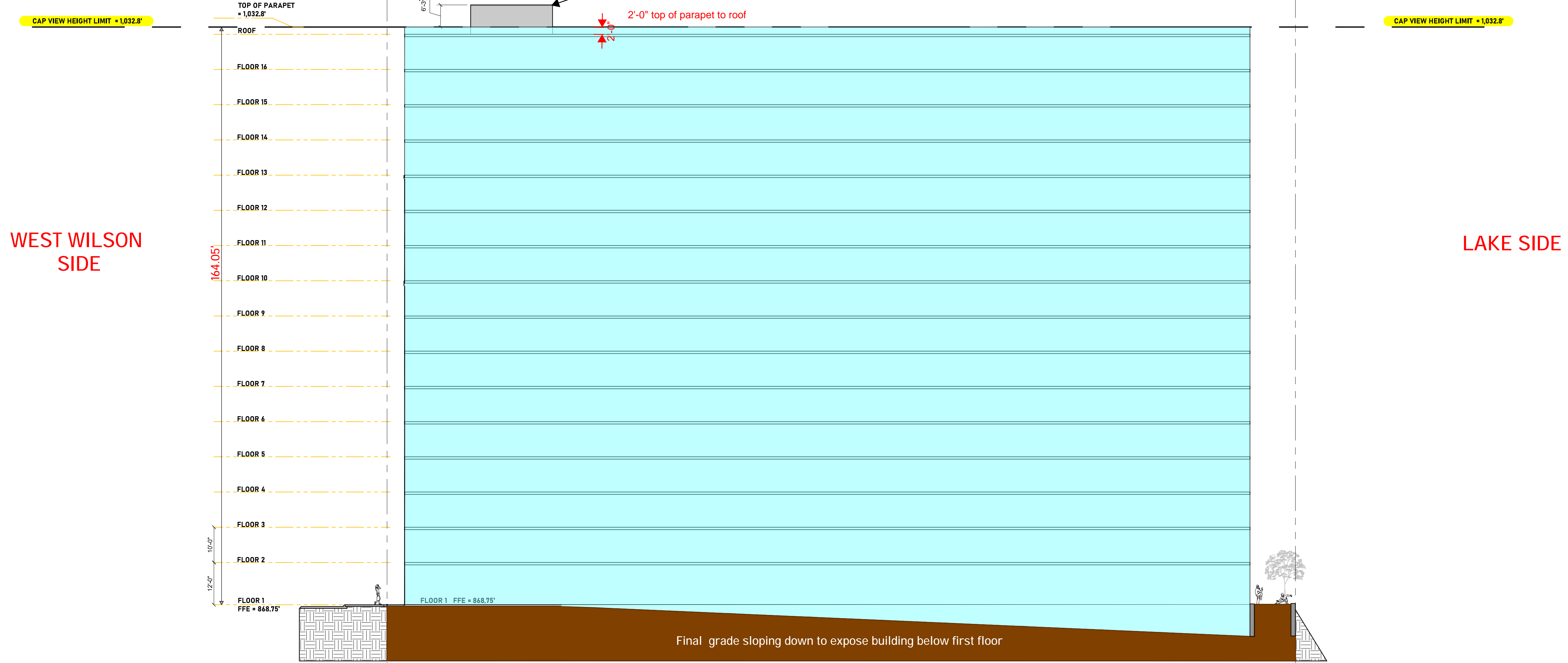
Project #: 2021-05
Issued For: Review
Date: 09/30/2022

Max height for this proposal given MGO 28.134 (3) - Capitol View Preservation.
City datum @ 0'-0" is established per code at 845.6'. From there to top of column capital at rotunda, code provides max height of 187.2' above datum.
The sum of these is 1032.8'.
Elevation at front, center of sidewalk is 868.305'.
Our FFE is 868.75'
Max. height is 1032.8' - 869.75' = 164.05'.



2 Grading Exhibit
Scale: 1/16" = 1'-0"

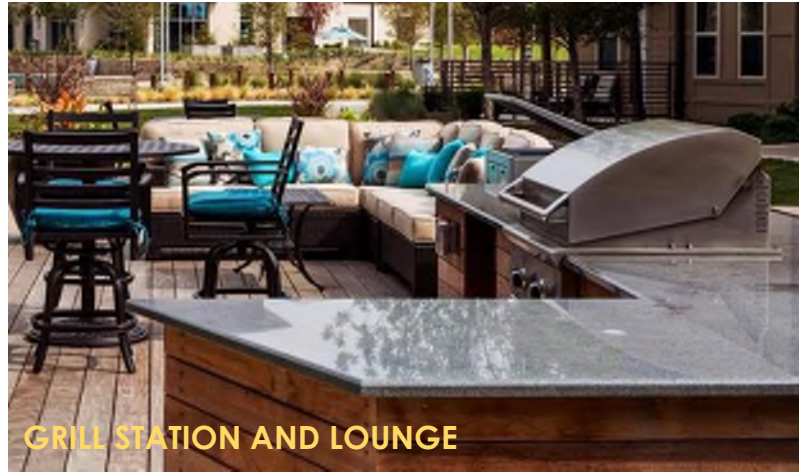
conditional approval required for penthouse for elevator, and stair overrun for fire dept. roof access.



1 Cap View Height Limit - Profile Exhibit
Scale: 1/16" = 1'-0"



PERMEABLE PAVERS



GRILL STATION AND LOUNGE



STEPPING STONES & MULCH



TERRACOTTA SCREEN WALL

SITE ELEMENTS



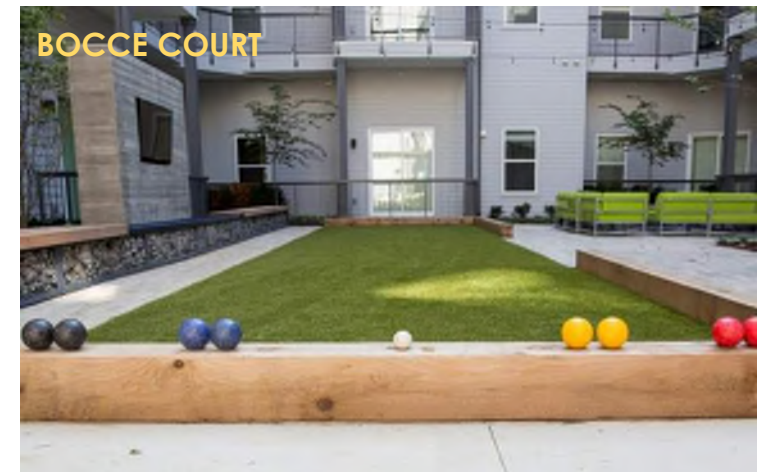
PERGOLA AND GREENERY



BIKE RACKS



TIMBER BENCH SEATING



BOCCIE COURT

SECTION CORNER MONUMENTS				
LETTER	CORNER	FOUND	NORTHING	EASTING
A	NW 24-07-09	THE CAPITOL BLDG	482,833.37	821,166.41
B	WITNESS CORNER	BRASS CAP	482,330.90	821,158.49
C	WITNESS CORNER	BRASS CAP	480,715.18	821,133.10
D	W 1/4 24-07-09	IN THE LAKE	480,193.39	821,124.90

SECTION LINE BEARINGS	
LETTER	BEARING AND DISTANCE
A-B	S00°54'23"W 502.53'
B-C	S00°53'57"W 1,615.92'
C-D	S00°54'03"W 521.85'
A-D	S00°54'03"W 2,640.31'

EXISTING CONDITIONS SURVEY

PART OF LOT 3, BLOCK 70, ORIGINAL PLAT OF MADISON, RECORDED IN VOLUME A OF PLATS, PAGE 3, AS DOCUMENT No. 102, DANE COUNTY REGISTRY, LOCATED IN THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 24, TOWNSHIP 07 NORTH, RANGE 09 EAST, CITY OF MADISON, DANE COUNTY, WISCONSIN.

LEGEND

- GOVERNMENT CORNER
- 1" IRON PIPE FOUND
- ✕ CHISELED 'X' FOUND
- 3/4" REBAR FOUND
- ▲ CONTROL POINT
- ▲ BENCHMARK
- ⊕ FINISHED FLOOR SHOT LOCATION
- ⊕ SIGN
- SANITARY MANHOLE
- CLEAN OUT
- HYDRANT
- WATER VALVE
- STORM MANHOLE
- SQUARE CASTED INLET
- CURB INLET
- GAS VALVE
- LIGHT POLE
- TELEPHONE PEDESTAL
- CONIFEROUS TREE
- PARCEL BOUNDARY
- SECTION LINE
- RIGHT-OF-WAY LINE
- CENTERLINE
- PLATTED LOT LINE
- SETBACK LINE
- FENCE LINE
- CONCRETE CURB & GUTTER
- SANITARY SEWER
- WATER LINE
- STORM SEWER
- NATURAL GAS
- UNDERGROUND ELECTRIC
- FIBER OPTIC
- UNDERGROUND TELEPHONE
- BUILDING
- 865 INDEX CONTOUR
- 864 INTERMEDIATE CONTOUR
- BITUMINOUS PAVEMENT
- CONCRETE PAVEMENT
- PAVEMENT STRIPING
- END OF FLAGGED UTILITIES
- () DENOTES RECORD DATA DEPICTING THE SAME LINE ON THE GROUND AS RETRACED BY THIS SURVEY

NOTES

- FIELD WORK PERFORMED ON JUNE 08, 2022.
- BEARINGS FOR THIS SURVEY AND MAP ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM, DANE COUNTY. THE WEST LINE OF THE NORTHWEST QUARTER OF SECTION 24-07-09, RECORDED AS S00°54'01"W.
- ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). BENCHMARK IS A BRASS CAP IN CONCRETE MONUMENT FOR THE WITNESS CORNER TO THE WEST QUARTER CORNER OF SECTION 24-07-09, ELEVATION = 850.32'
- CONTOUR INTERVAL IS ONE FOOT.
- SUBSURFACE UTILITIES AND FEATURES SHOWN ON THIS MAP HAVE BEEN APPROXIMATED BY LOCATING SURFICIAL FEATURES AND APPURTENANCES, LOCATING DIGGERS HOTLINE FIELD MARKINGS AND BY REFERENCE TO UTILITY RECORDS AND MAPS. DIGGER'S HOTLINE TICKET NO. 20222305367, WITH A START DATE OF JUNE 03, 2022.
- UTILITY COMPANIES CONTACTED THRU DIGGERS HOTLINE:
 - CITY OF MADISON ENGINEERING
 - MADISON GAS AND ELECTRIC COMPANY (ELECTRIC AND GAS)
 - CHARTER COMMUNICATIONS
 - AMERICAN TRANSMISSION COMPANY
 - LEVEL 3 IS NOW CENTURYLINK
 - AT&T TRANSMISSION
 - AT&T DISTRIBUTION
 - TDS TELECOM
 - MCI
 - MADISON METROPOLITAN SEWERAGE DISTRICT
 - WINDSTREAM
 - WISCONSIN DEPARTMENT OF ADMINISTRATION-DIVISION OF ENTERPRISE TECHNOLOGY
- BEFORE EXCAVATION, APPROPRIATE UTILITY COMPANIES SHOULD BE CONTACTED. FOR EXACT LOCATION OF UNDERGROUND UTILITIES, CONTACT DIGGERS HOTLINE, AT 1.800.242.8511.
- JSD PROFESSIONAL SERVICES, INC. DOES NOT GUARANTEE THAT BENCHMARKS LISTED ON THIS MAP HAVE NOT BEEN DISTURBED SINCE THE DATE OF THIS SURVEY AND SHALL BE VERIFIED BEFORE BEING UTILIZED.
- THIS PARCEL IS ZONED URBAN MIXED-USE DISTRICT (UMX) PER THE CITY OF MADISON ZONING MAP.
 - LOT AREA-3,000 SQUARE FEET
 - LOT WIDTH-30 FEET
 - MINIMUM FRONT YARD SETBACK-5 FEET
 - SIDE YARD SET BACK-5 FEET
 - REAR YARD SETBACK-10 FEET
 CHECK WITH CITY ZONING DEPARTMENT FOR HEIGHT RESTRICTIONS AND SETBACKS PER BUILDING USE.
- ROADWAY UTILITY RECORD DRAWINGS WERE REQUESTED FROM THE CITY OF MADISON. THE UTILITIES SHOWN REPRESENT FIELD LOCATED UTILITIES IN COMBINATION WITH THE SUPPLIED CITY RECORDS.

LEGAL DESCRIPTION

PART OF LOT 3, BLOCK 70, ORIGINAL PLAT OF MADISON, RECORDED IN VOLUME A OF PLATS, ON PAGE 3, AS DOCUMENT No. 102, LOCATED IN THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 24, TOWNSHIP 07 EAST, RANGE 09 NORTH, CITY OF MADISON, DANE COUNTY, WISCONSIN.

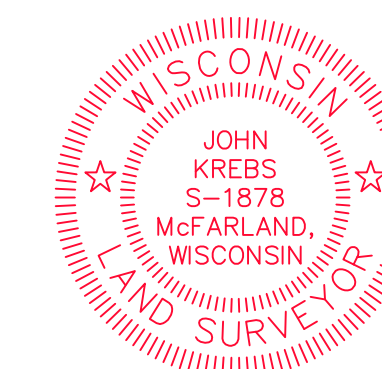
TAX KEY NO. 251/0709-242-0124-0

SURVEYOR'S CERTIFICATE

I, JOHN KREBS, WISCONSIN PROFESSIONAL LAND SURVEYOR NO. S-1878, HEREBY CERTIFY THAT UNDER THE DIRECTION OF SEA DESIGN THIS SURVEY AND MAP HAS BEEN PREPARED AND COMPLIES WITH WISCONSIN ADMINISTRATIVE CODE A-7 AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF IN ACCORDANCE WITH THE INFORMATION PROVIDED.

JOHN KREBS, S-1878
PROFESSIONAL LAND SURVEYOR

DATE



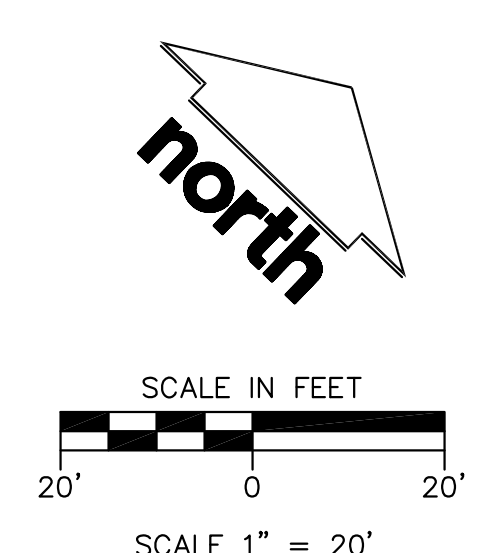
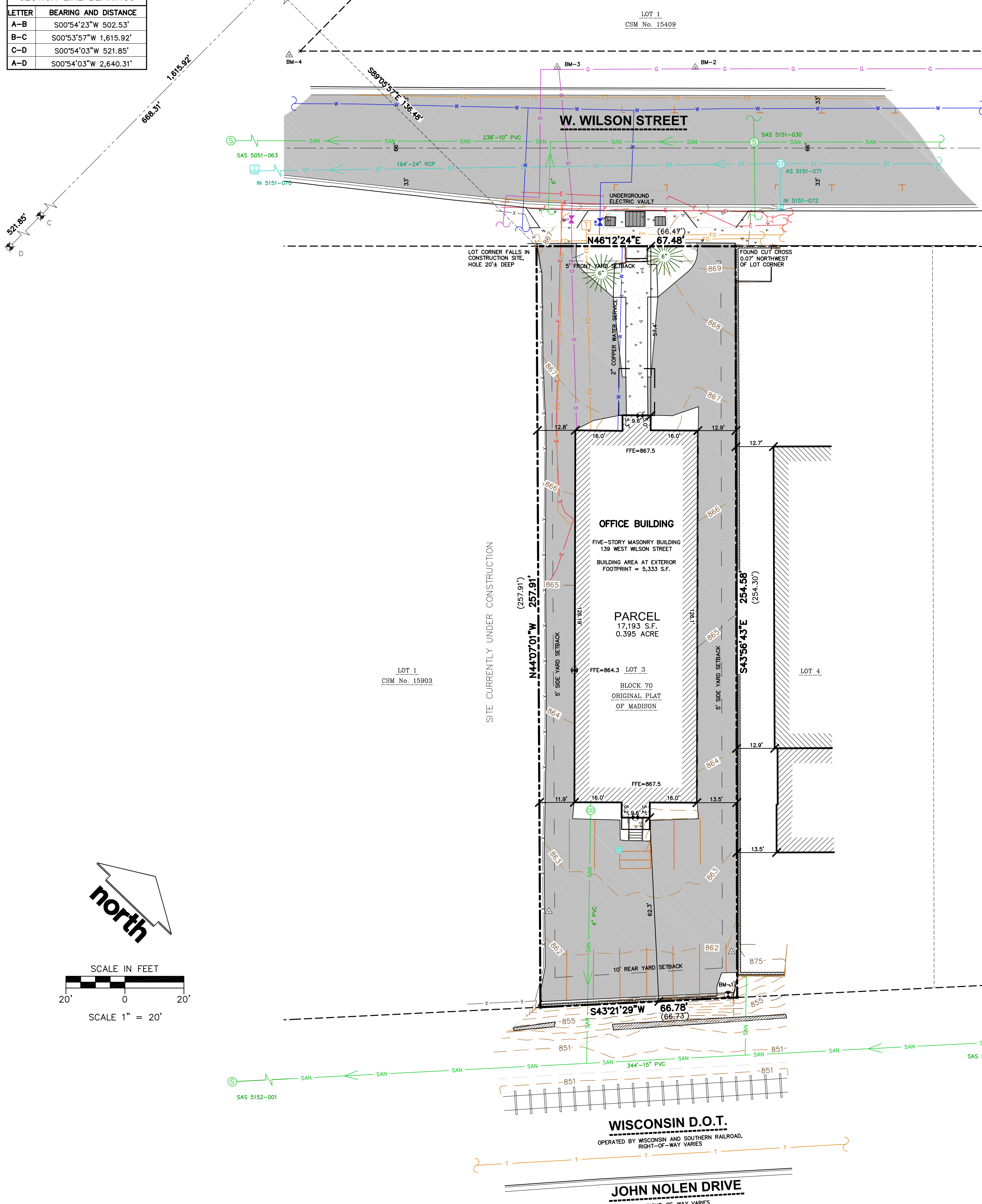
STORM SEWER MANHOLES					
STRUCT. ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
AS 5151-071	870.68	NE	863.18	24"	RCP
		SE	866.92	12"	RCP
		SW	863.18	24"	RCP

STORM SEWER INLETS					
INLET ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
INL 5151-072	869.99	NW	867.09	12"	RCP
INL 5151-070	863.44	NE	855.15	24"	RCP
		SW	855.15	24"	RCP

BENCHMARKS		
BENCH MARK	ELEVATION	DESCRIPTION
BM-1	862.06	CHISELED 'X' IN CONCRETE RETAINING WALL
BM-2	870.68	CHISELED 'X', NORTH SIDE OF W. WILSON STREET
BM-3	868.69	CHISELED 'X', NORTH SIDE OF W. WILSON STREET
BM-4	865.89	CHISELED 'X', NORTH SIDE OF W. WILSON STREET

*JSD DOES NOT GUARANTEE THAT THE BENCHMARK ELEVATIONS LISTED ON THIS MAP HAVE NOT BEEN DISTURBED SINCE THE DATE OF THIS SURVEY AND SHOULD BE VERIFIED PRIOR TO CONSTRUCTION ACTIVITIES.

SANITARY SEWER MANHOLES					
STRUCT. ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
SAS 5151-013	850.76	NE	845.14	15"	PVC
		SW	845.12	15"	PVC
SAS 5152-022	851.47	NE	844.74	15"	PVC
		NW	846.44	12"	PVC
SAS 5151-030	870.66	SW	844.71	15"	PVC
		NE	860.06	10"	PVC
SAS 5051-063	862.65	SE	861.01	8"	PVC
		NW	860.86	8"	PVC
		SW	860.01	10"	PVC
		N	851.33	8"	PVC
		NE	856.92	8"	PVC
		NE	851.50	8"	PVC
		SE	851.00	12"	PVC



CREATE THE VISION TELL THE STORY

jsdinc.com

MADISON REGIONAL OFFICE
161 HORIZON DRIVE, SUITE 101
VERONA, WISCONSIN 53593
P. 608.848.5060

CLIENT:
SEA DESIGN

CLIENT ADDRESS:
**N3302 SOUTH OAKLAND
FORT ATKINSON, WI 53538**

PROJECT:
139 W. WILSON STREET

PROJECT LOCATION:
**139 W. WILSON STREET
CITY OF MADISON
DANE COUNTY, WISCONSIN**

MODIFICATIONS:		
#	Date:	Description:
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Prepared By: JK 06/14/22
Reviewed By: TJB 06/15/22
Approved By: TJB 06/15/22

SHEET TITLE:
**EXISTING
CONDITIONS
SURVEY**

SHEET NUMBER:
1 OF 1

PROJECT NO: 22-11487



GENERAL NOTES

- REFER TO THE EXISTING CONDITIONS SURVEY FOR EXISTING CONDITIONS NOTES AND LEGENDS.
- ALL WORK IN THE ROW AND/OR PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR SEWER & WATER CONSTRUCTION IN WISCONSIN AND MUNICIPAL REQUIREMENTS. THE GEOTECHNICAL REPORT PREPARED BY GEOTECH LATED MARCH 26, 2022.
- EXISTING GRADE SPOT ELEVATIONS SHOWN FOR INFORMATIONAL PURPOSES. DURING CONSTRUCTION MATCH EXISTING GRADES AT CONSTRUCTION LIMITS.
- NO SITE GRADING OUTSIDE OR DOWNSLOPE OF PROPOSED SILT FENCE LOCATION. NO LAND DISTURBANCE BEYOND PROPERTY LINES.
- JSD SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER/CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY ANY OR ALL REGULATORY AGENCIES.

DEMOLITION NOTES

- THIS PLAN INDICATES ITEMS ON THE PROPERTY INTENDED FOR DEMOLITION BASED ON THE CURRENT SITE DESIGN THAT HAVE BEEN IDENTIFIED BY A REASONABLE OBSERVATION OF THE EXISTING CONDITIONS THROUGHOUT SURVEY RECONNAISSANCE. "DIGGER'S HOTLINE" LOCATION AND GENERAL STANDARD OF CARE. THERE MAY BE ADDITIONAL ITEMS THAT CAN NOT BE IDENTIFIED BY A REASONABLE ABOVE GROUND OBSERVATION, OF WHICH THE ENGINEER WOULD HAVE NO KNOWLEDGE OR MAY BE PART OF ANOTHER DESIGN DISCIPLINE. IT IS THE CONTRACTOR'S/BIDDER'S RESPONSIBILITY TO REVIEW THE PLANS, INSPECT THE SITE AND PROVIDE THEIR OWN DUE DILIGENCE TO INCLUDE IN THEIR BID WHAT ADDITIONAL ITEMS, IN THEIR OPINION, MAY BE NECESSARY FOR DEMOLITION. ANY ADDITIONAL ITEMS IDENTIFIED BY THE CONTRACTOR/BIDDER SHALL BE IDENTIFIED IN THE BID AND REPORTED TO THE ENGINEER OF RECORD. JSD TAKES NO RESPONSIBILITY FOR ITEMS ON THE PROPERTY THAT COULD NOT BE LOCATED BY A REASONABLE OBSERVATION OF THE PROPERTY OR OF WHICH THEY WOULD HAVE NO KNOWLEDGE.
- CONTRACTOR SHALL KEEP ALL STREETS AND PRIVATE DRIVES FREE AND CLEAR OF ALL CONSTRUCTION RELATED DIRT, DUST AND DEBRIS.
- ALL TREES WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED UNLESS SPECIFICALLY CALLED OUT FOR PROTECTION. ALL TREES TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY AND STUMPS SHALL BE GROUND TO PROPOSED SUBGRADE.
- ALL LIGHT POLES TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY, INCLUDING BASE AND APPURTENANCES. SALVAGE FOR RELOCATION, COORDINATE RELOCATION AND/OR ABANDONMENT OF ALL ELECTRIC LINES WITH ELECTRICAL ENGINEER AND OWNER PRIOR TO DEMOLITION.
- ABANDONED/REMOVED ITEMS SHALL BE DISPOSED OF OFF SITE UNLESS OTHERWISE NOTED.
- CONTRACTOR TO REPLACE ALL SIDEWALK AND CURB AND GUTTER CURBING THE PROPERTIES, 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.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR:
 - EXAMINE ALL SITE CONDITIONS RELATIVE TO THE CONDITIONS INDICATED ON THE ENGINEERING DRAWINGS. ANY DISCREPANCIES ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER AND RESOLVED PRIOR TO THE START OF CONSTRUCTION.
 - VERIFYING UTILITY ELEVATIONS AND NOTIFYING ENGINEER OF ANY DISCREPANCIES. NO WORK SHALL BE PERFORMED UNTIL THE DISCREPANCIES ARE RESOLVED.
 - NOTIFYING ALL UTILITIES PRIOR TO THE REMOVAL OF ANY UNDERGROUND UTILITIES.
 - NOTIFYING THE DESIGN ENGINEER AND LOCAL CONTROLLING MUNICIPALITY 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO ARRANGE FOR APPROPRIATE CONSTRUCTION INSPECTION.
- ANY SANITARY SEWER, SANITARY SEWER SERVICES, WATER MAIN, WATER SERVICES, STORM SEWER, OR OTHER UTILITIES, WHICH ARE DAMAGED BY THE CONTRACTORS, SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY DURING THE CONSTRUCTION OF THESE IMPROVEMENTS.
- CONTRACTOR TO COORDINATE PRIVATE UTILITY REMOVAL / ABANDONMENT AND NECESSARY RELOCATION WITH RESPECTIVE UTILITY COMPANY. COORDINATION REQUIRED PRIOR TO CONSTRUCTION.
- ALL DEMOLITION SHALL BE IN ACCORDANCE WITH THE APPROVED MUNICIPALITY RECYCLING PLAN.
- ANY CONTAMINATED SOILS SHALL BE REMOVED IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS TO AN APPROVED LANDFILL.
- ALL EXISTING UTILITIES TO BE FIELD LOCATED AND FLAGGED BY CONTRACTOR.
- EXISTING FIBER OPTIC LINE TO BE CLEARLY MARKED PRIOR TO ANY EXCAVATION. CONTRACTOR TO NOTIFY ENGINEER IMMEDIATELY IF ANY DISCREPANCIES OCCUR IN THE LOCATION SHOWN OR PROPOSED IMPROVEMENTS IMPACTING EXISTING FIBER OPTIC LINE LOCATION.
- SEWER ABANDONMENT SHALL BE IN ACCORDANCE WITH SECTION 3.2.24. OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN WISCONSIN, LATEST ADDITION, AND CITY OF MADISON SPECIFICATIONS.
- WATER ABANDONMENT SHALL BE IN ACCORDANCE WITH SECTION 4.1.4.0 OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN WISCONSIN, LATEST ADDITION, AND CITY OF MADISON SPECIFICATIONS.
- ALL PERIMETER EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO THE START OF DEMOLITION ACTIVITIES. CONTRACTOR SHALL KEEP ALL STREETS AND PAVEMENT FREE AND CLEAR OF ALL CONSTRUCTION RELATED DIRT, DUST AND DEBRIS.
- BUILDING REMOVALS SHALL BE BY A QUALIFIED CONTRACTOR. CONTRACTOR TO FOLLOW ALL DEMOLITION REGULATIONS DISCONNECT ALL UTILITIES. OBTAIN ALL APPLICABLE PERMITS AND DISPOSE OF ALL BUILDING MATERIALS IN APPROPRIATE LANDFILLS. DEMOLISHED MATERIALS SHALL NOT BE BURIED ON SITE. IF ENCOUNTERED, ANY CONTAMINATED SOILS SHALL BE REMOVED TO A LANDFILL IN ACCORDANCE WITH APPROPRIATE STATE AND FEDERAL REGULATIONS.
- CONTRACTOR TO REMOVE EXISTING UTILITY PIPE OR PROVIDE PIPE BACK-FILLING AFTER REMOVAL OF EXISTING UTILITIES WITHIN BUILDING FOOTPRINT USING "LOW DENSITY CONCRETE/FLOWABLE FILL".
- RESTORATION OF THE EXISTING ROADWAY RIGHT-OF-WAYS ARE CONSIDERED INCIDENTAL AND SHOULD BE PART OF THE COST OF THE UNDERGROUND IMPROVEMENTS. DEMOLITION AND REMOVAL. THIS INCLUDES CURB & GUTTER, SIDEWALK, TOPSOIL, SEEDING AND MULCHING.
- SECTION 28.185(9) REQUIRES THAT EVERY APPLICANT FOR A DEMOLITION OR REMOVAL APPROVAL THAT REQUIRES APPROVAL BY THE PLAN COMMISSION IS REQUIRED TO GET A REUSE AND RECYCLING PLAN APPROVED BY THE CITY RECYCLING COORDINATOR. BRYAN JOHNSON AT STREETS@CITYOFMADISON.COM PRIOR TO RECEIVING A RAZE PERMIT. EVERY PERSON WHO IS REQUIRED TO SUBMIT A REUSE AND RECYCLING PLAN PURSUANT TO SECTION 28.185(9) SHALL SUBMIT DOCUMENTS SHOWING COMPLIANCE WITH THE PLAN WITHIN SIXTY (60) DAYS OF COMPLETION OF DEMOLITION. A DEMOLITION OR REMOVAL PERMIT IS VALID FOR ONE (1) YEAR FROM THE DATE OF THE PLAN COMMISSION.

CONSTRUCTION SEQUENCING

- INSTALL PERIMETER SILT FENCE, INLET PROTECTION AND TEMPORARY CONSTRUCTION ENTRANCE.
- STRIP AND STOCKPILE TOPSOIL, INSTALL SILT FENCE AROUND PERIMETER OF STOCKPILE.
- CONDUCT ROUGH GRADING EFFORTS AND INSTALL CHECK DAMS WITHIN DRAINAGE DITCHES AS NEEDED.
- INSTALL UTILITY PIPING AND STRUCTURES, IMMEDIATELY INSTALL INLET PROTECTION.
- COMPLETE FINAL GRADING, INSTALLATION OF GRAVEL BASE COURSES, PLACEMENT OF CURBS, PAYMENTS, WALKS, ETC.
- PLACE TOPSOIL AND IMMEDIATELY STABILIZE DISTURBED AREAS WITH EROSION CONTROL MEASURES AS INDICATED ON PLANS.
- EROSION CONTROLS SHALL NOT BE REMOVED UNTIL SITE IS FULLY STABILIZED OR 70% VEGETATIVE COVER IS ESTABLISHED.

CONTRACTOR MAY MODIFY SEQUENCING AFTER ITEM NO. 1 AS NEEDED TO COMPLETE CONSTRUCTION IF EROSION CONTROLS ARE MAINTAINED IN ACCORDANCE WITH THE CONSTRUCTION SITE EROSION CONTROL REQUIREMENTS.

PAVING NOTES

- GENERAL.
 - ALL PAVING SHALL CONFORM TO "STATE OF WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY & STRUCTURE CONSTRUCTION, LATEST EDITION, APPLICABLE CITY OF MADISON ORDINANCES AND THE GEOTECHNICAL REPORT PREPARED BY GEOTECH LATED MARCH 26, 2022.
 - ALL PAVING DIMENSIONS ARE TO FACE OF CURB UNLESS SPECIFIED OTHERWISE.
 - SURFACE PREPARATION – NOTIFY ENGINEER/OWNER OF UNSATISFACTORY CONDITIONS. DO NOT BEGIN PAVING WORK UNTIL DEFICIENT SUBGRADE AREAS HAVE BEEN CORRECTED AND ARE READY TO RECEIVE PAVING.
 - ANY REQUIRED REPLACEMENT OF PUBLIC CURB AND GUTTER SHALL MATCH EXISTING AND MEET MUNICIPALITY REQUIREMENTS.
- ASPHALTIC CONCRETE PAVING SPECIFICATIONS.
 - CODES AND STANDARDS – THE PLACING, CONSTRUCTION AND COMPOSITION OF THE ASPHALTIC BASE COURSE AND ASPHALTIC CONCRETE SURFACE COURSE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS 450, 455, 460 AND 465 OF THE STATE OF WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, CURRENT EDITION. HEREAFTER, THIS PUBLICATION WILL BE REFERRED TO AS STATE HIGHWAY SPECIFICATIONS.
 - WEATHER LIMITATIONS – APPLY TACK COATS WHEN AMBIENT TEMPERATURE IS ABOVE 50° F (10° C) AND WHEN TEMPERATURE HAS NOT BEEN BELOW 35° F (1° C) FOR 12 HOURS IMMEDIATELY PRIOR TO APPLICATION. DO NOT APPLY WHEN BASE IS WET OR CONTAINS EXCESS OF MOISTURE. CONSTRUCT ASPHALTIC CONCRETE SURFACE COURSE WHEN ATMOSPHERIC TEMPERATURE IS ABOVE 40° F (4° C) AND WHEN BASE IS DRY AND WHEN WEATHER IS NOT RAINY. BASE COURSE MAY BE PLACED WHEN AIR TEMPERATURE IS ABOVE 30° F (-1° C).
 - GRADE CONTROL – ESTABLISH AND MAINTAIN REQUIRED LINES AND ELEVATIONS FOR EACH COURSE DURING CONSTRUCTION.
 - CRUSHED AGGREGATE BASE COURSE – THE TOP LAYER OF BASE COURSE SHALL CONFORM TO SECTIONS 501 AND 505, STATE HIGHWAY SPECIFICATIONS.
 - BINDER COURSE AGGREGATE – THE AGGREGATE FOR THE BINDER COURSE SHALL CONFORM TO SECTIONS 460 AND 315, STATE HIGHWAY SPECIFICATIONS.
 - SURFACE COURSE AGGREGATE – THE AGGREGATE FOR THE SURFACE COURSE SHALL CONFORM TO SECTIONS 460 AND 465, STATE HIGHWAY SPECIFICATIONS.
 - ASPHALTIC MATERIALS – THE ASPHALTIC MATERIALS SHALL CONFORM TO SECTION 455 AND 460, STATE HIGHWAY SPECIFICATIONS.
 - CONCRETE PAVING SPECIFICATIONS.
 - CONCRETE PAVING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS 415 AND 416 OF THE STATE HIGHWAY SPECIFICATIONS.
 - CURING COMPOUNDS SHALL CONFORM TO SECTION 415 OF THE STATE HIGHWAY SPECIFICATIONS.
 - CONTRACTOR SHALL PROVIDE CONTROL JOINTS AND CONSTRUCTION JOINTS OF ONE-QUARTER CONCRETE THICKNESS AT AN EQUAL RATIO OF LENGTH TO WIDTH WHEREVER POSSIBLE WITH A MAXIMUM LENGTH BETWEEN JOINTS OF 8' ON CENTER.
 - CONTRACTOR SHALL PROVIDE EXPANSION JOINTS IN SIDEWALKS AT A MAXIMUM 24' ON CENTER.
 - EXTERIOR CONCRETE SURFACES SHALL BE BROOM FINISHED.
 - ALL CONCRETE SURFACES TO BE SEALED WITH TYPE TK-26UV CONCRETE SEALANT.
 - PAVEMENT MARKING SPECIFICATIONS.
 - USE 4" WIDE, HIGH VISIBILITY YELLOW LATEX PAINT FOR STALL LINES.
 - MARK AND STRIPE ADA PARKING SPACES APPROPRIATELY.
 - ALL PAVEMENT MARKINGS INCLUDING: STOP BARS, CROSSWALKS, DIRECTIONAL ARROWS, PARKING STALL LINES, ADA STALL MARKINGS, NO PARKING ZONES, DROP-OFF/PICK-UP ZONES SHALL BE PAINTED WITH LATEX PAINT PER SPECIFICATIONS.
 - 2' x 4' TRUNCATED DOME WARNING DETECTION FIELD SHALL BE PLACED AT ALL ADA RAMPS.

GRADING AND SEEDING NOTES

- ALL PROPOSED GRADES SHOWN ARE FINISHED GRADES. CONTRACTOR SHALL VERIFY ALL GRADES, MAKE SURE ALL AREAS DRAIN PROPERLY AND SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR COMPUTATIONS OF ALL GRADING QUANTITIES. WHILE US PROFESSIONAL SERVICES, INC. ATTEMPTS TO PROVIDE A COST EFFECTIVE APPROACH TO BALANCE EXISTING GRADING DESIGN IS BASED ON MANY FACTORS, INCLUDING SAFETY, AESTHETICS, AND COMMON ENGINEERING STANDARDS OF CARE. THEREFORE, NO GUARANTEE CAN BE MADE FOR A DETAILED SITE.
- PARKING LOT AND DRIVENWAY ELEVATIONS ARE PAVEMENT GRADES, NOT TOP OF CURB GRADES, UNLESS OTHERWISE NOTED.
- ANY WORK WITHIN RIGHT-OF-WAY SHALL BE PROPERLY PERMITTED AND COORDINATED WITH THE APPROPRIATE OFFICIALS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. ALL GRADING WITHIN RIGHT-OF-WAY IS SUBJECT TO APPROVAL BY SAID OFFICIALS.
- CONTRACTOR SHALL PROVIDE NOTICE TO THE MUNICIPALITY IN ADVANCE OF ANY SOIL DISTURBING ACTIVITIES, IN ACCORDANCE WITH MUNICIPAL REQUIREMENTS.
- ALL DISTURBED AREAS SHALL BE SODDED AND/OR SEEDED AND MULCHED IMMEDIATELY FOLLOWING GRADING ACTIVITIES. SOO/SEED MIX TO BE IN ACCORDANCE WITH LANDSCAPE PLAN.
- CONTRACTOR SHALL CHISEL-FLOW OR DEEP TILL WITH DOUBLE TINES ALL STORMWATER MANAGEMENT FACILITIES JUST PRIOR TO SODDING AND/OR SEEDING AND MULCHING TO PROMOTE INFILTRATION.
- CONTRACTOR SHALL WATER ALL NEWLY SODDED/SEEDED AREAS DURING THE SUMMER MONTHS WHENEVER THERE IS A 7 DAY LAPSE WITH NO SIGNIFICANT RAINFALL.
- CONTRACTOR TO DEEP TILL ALL COMPACTED PEROVIOUS SURFACES PRIOR TO SODDING AND/OR SEEDING AND MULCHING.
- ALL SLOPES 20% OR GREATER SHALL BE TEMPORARY SEEDED, MULCHED, OR OTHER MEANS OF COVER PLACED ON THEM WITHIN 2 WEEKS OF DISTURBANCE.
- ALL EXPOSED SOIL AREAS THAT WILL NOT BE BROUGHT TO FINAL GRADE OR ON WHICH LAND DISTURBING ACTIVITIES WILL NOT BE PERFORMED FOR PERIOD GREATER THAN 30 DAYS AND REQUIRE VEGETATIVE COVER FOR LESS THAN 1 YEAR, REQUIRE TEMPORARY SEEDING FOR EROSION CONTROL. SEEDING FOR EROSION CONTROL SHALL BE IN ACCORDANCE WITH WDNW TECHNICAL STANDARD 1059 AND CITY OF MADISON ORDINANCE.

UTILITY NOTES

- ALL EXISTING UTILITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND ARE NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATIONS OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. CONTRACTOR/OWNER SHALL CALL "DIGGER'S HOTLINE" PRIOR TO ANY CONSTRUCTION.
 - PRIOR TO CONSTRUCTION, THE PRIME CONTRACTOR IS RESPONSIBLE FOR:
 - EXAMINING ALL SITE CONDITIONS RELATIVE TO THE CONDITIONS INDICATED ON THE ENGINEERING DRAWINGS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER AND RESOLVED PRIOR TO THE START OF CONSTRUCTION.
 - OBTAINING ALL PERMITS INCLUDING PERMIT COSTS, TAP FEES, METER DEPOSITS, BONDS, AND ALL OTHER FEES REQUIRED FOR PROPOSED WORK TO OBTAIN OCCUPANCY.
 - VERIFYING ALL ELEVATIONS, LOCATIONS AND SIZES OF SANITARY, WATER AND STORM LATERALS AND CHECKING ALL UTILITY CROSSINGS FOR CONFLICTS. NOTIFY ENGINEER OF ANY DISCREPANCY. NO WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS RESOLVED.
 - NOTIFYING ALL UTILITIES PRIOR TO INSTALLATION OF ANY UNDERGROUND IMPROVEMENTS.
 - NOTIFYING THE DESIGN ENGINEER AND MUNICIPALITY 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO ARRANGE FOR APPROPRIATE CONSTRUCTION OBSERVATION.
 - COORDINATING ALL CONSTRUCTION WITH OTHER CONTRACTORS INVOLVED WITH CONSTRUCTION OF THE PROPOSED DEVELOPMENT AND FOR REPORTING ANY ERRORS OR DISCREPANCIES BETWEEN THESE PLANS AND PLANS PREPARED BY OTHERS.
 - ALL UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN – AND ALL STATE AND LOCAL CODES AND REGULATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE WHICH SPECIFICATIONS AND CODES APPLY, AND TO COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE APPROPRIATE LOCAL AND STATE AUTHORITIES.
 - SPECIFICATIONS SHALL COMPLY WITH THE CITY OF MADISON SPECIAL PROVISIONS.
 - LENGTHS OF ALL UTILITIES ARE TO CENTER OF STRUCTURES OR FITTINGS AND MAY VARY SLIGHTLY FROM PLAN. LENGTHS SHALL BE VERIFIED IN THE FIELD DURING CONSTRUCTION.
 - CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY DURING THE CONSTRUCTION OF IMPROVEMENTS.
 - CONTRACTOR SHALL INSTALL A PEDESTRIAN FENCE AROUND ALL EXCAVATIONS TO BE LEFT OPEN OVER NIGHT AS REQUIRED IN CONSTRUCTION SITES WHERE THE POTENTIAL FOR PEDESTRIAN INJURY EXISTS.
 - CONTRACTOR SHALL ADJUST AND/OR RECONSTRUCT ALL UTILITY COVERS (SUCH AS MANHOLES, VALVES, WATER BOX COVERS, ETC.) TO MATCH THE FINISHED GRADES OF THE AREAS EFFECTED BY THE CONSTRUCTION.
 - THE PRIME CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL CONSTRUCTION WITH OTHER CONTRACTORS INVOLVED WITH CONSTRUCTION OF THE PROPOSED DEVELOPMENT AND FOR REPORTING ANY ERRORS OR DISCREPANCIES BETWEEN THESE PLANS AND PLANS PREPARED BY OTHERS.
 - ANY SANITARY SEWER, SANITARY SEWER SERVICES, WATER MAIN, WATER SERVICES, STORM SEWER, OR OTHER UTILITIES, WHICH ARE DAMAGED BY THE CONTRACTORS, SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.
 - THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE ENGINEER WITH AS-BUILT CONDITIONS OF THE DESIGNATED IMPROVEMENTS IN ORDER THAT THE APPROPRIATE DRAWINGS CAN BE PREPARED, IF REQUIRED. ANY CHANGES TO THE DRAWINGS OR ADDITIONAL ITEMS MUST BE REPORTED TO THE ENGINEER AS WORK PROGRESSES.
 - STORM SEWER SPECIFICATIONS –
 - PIPE – REINFORCED CONCRETE PIPE (RCP) SHALL MEET THE REQUIREMENTS OF ASTM CLASS III (MINIMUM) C-76 WITH RUBBER GASKET JOINTS CONFORMING TO ASTM C-443. HIGH DENSITY POLYETHYLENE CORRUGATED PIPE SHALL BE AS MANUFACTURED BY ADE OR EQUAL WITH WATER TIGHT JOINTS, AND SHALL MEET THE REQUIREMENTS OF AASHTO DESIGNATION M-294 TYPE "S".
 - INLETS – INLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH FILE NO. 28 OF THE "STANDARD SPECIFICATIONS" OR APPROVED EQUAL, WITH A 1"1/4" X 2" MAXIMUM OPENING. CURB FRAME & GRATE SHALL BE NEENAH R-3007 WITH TYPE R GRATE, OR EQUAL.
 - BACKFILL AND BEDDING – STORM SEWER SHALL BE CONSTRUCTED WITH GRAVEL BACKFILL AND CLASS "B" BEDDING IN ALL PAVED AREAS AND TO A POINT 5 FEET BEYOND THE EDGE OF PAVEMENT. TRENCHES RUNNING PARALLEL TO AND LESS THAN 5 FEET FROM THE EDGE OF PAVEMENT SHALL ALSO REQUIRE GRAVEL BACKFILL. LANDSCAPED AREAS MAY BE BACKFILLED WITH EXCAVATED MATERIAL IN CONFORMANCE WITH SECTION 8.4.3.5 OF THE "STANDARD SPECIFICATIONS".
 - FIELD TILE CONNECTION – ALL FIELD TILE ENCOUNTERED DURING CONSTRUCTION SHALL BE INCLUDED IN THE UNIT PRICE(S) FOR STORM SEWER. TILE LINES CROSSED BY THE TRENCH SHALL BE REPLACED WITH THE SAME MATERIAL AS THE STORM SEWER.
 - WATER MAIN SPECIFICATIONS –
 - PIPE – DUCTILE IRON PIPE SHALL BE CLASS 52 CONFORMING TO AWWA C151 AND CHAPTER 8.18.0 OF THE "STANDARD SPECIFICATIONS". POLYETHYLENE (PE) PIPE SHALL MEET THE REQUIREMENTS OF AWWA STANDARD C-900, CLASS 150, DR-18, WITH CAST IRON O.D. AND INTEGRAL END CONNECTIONS. WATER MAINS SHALL BE INSTALLED WITH BLUE INSULATION TRACER WIRE AND CONFORM WITH SPS 382.30(11)(h).
 - VALVES AND VALVE BOXES – GATE VALVES SHALL BE AWWA GATE VALVES MEETING THE REQUIREMENTS OF AWWA C-500 AND CHAPTER 8.27.0 OF THE "STANDARD SPECIFICATIONS". GATE VALVES AND VALVE BOXES SHALL CONFORM TO LOCAL PLUMBING ORDINANCES.
 - HYDRANTS – HYDRANTS SHALL CONFORM TO THE SPECIFICATIONS OF THE CITY OF MADISON. THE DISTANCE FROM THE GROUND LINE TO THE CENTERLINE OF THE LOWEST NOZZLE AND THE LOWEST CONNECTION OF THE FIRE DEPARTMENT SHALL BE NO LESS THAN 18-INCHES AND NO GREATER THAN 23-INCHES (SEE DETAIL).
 - BEDDING AND COVER MATERIAL – PIPE BEDDING AND COVER MATERIAL SHALL BE SAND, CRUSHED STONE CHIPS OR CRUSHED STONE SCREENINGS CONFORMING TO CHAPTER 8.4.3.2 OF THE "STANDARD SPECIFICATIONS".
 - BACKFILL – BACKFILL MATERIAL AND INSTALLATION SHALL BE IN ACCORDANCE WITH CHAPTER 2.6.0 OF THE "STANDARD SPECIFICATIONS". GRAVEL BACKFILL IS REQUIRED IN ALL PAVED AREAS AND TO A POINT 5 FEET BEYOND THE EDGE OF PAVEMENT. TRENCHES RUNNING PARALLEL TO AND LESS THAN 5 FEET FROM THE EDGE OF PAVEMENT SHALL ALSO REQUIRE GRAVEL BACKFILL. LANDSCAPED AREAS MAY BE BACKFILLED WITH EXCAVATED MATERIAL IN CONFORMANCE WITH SECTION 8.4.3.5 OF THE "STANDARD SPECIFICATIONS".
 - SANITARY SEWER SPECIFICATIONS –
 - PIPE – REINFORCED SEWER PIPE MATERIAL SHALL BE POLYVINYL CHLORIDE (PVC) MEETING REQUIREMENTS OF ASTM D 3034, SDR-35, WITH INTEGRAL BELL TYPE FLEXIBLE ELASTOMERIC JOINTS, MEETING THE REQUIREMENTS OF ASTM D-3212.
 - BEDDING AND COVER MATERIAL – BEDDING AND COVER MATERIAL SHALL CONFORM TO THE APPROPRIATE SECTIONS OF THE "STANDARD SPECIFICATION" WITH THE FOLLOWING MODIFICATION: COVER MATERIAL SHALL BE THE SAME AS USED FOR BEDDING AND SHALL CONFORM TO SECTION 8.4.3.2 (A). BEDDING AND COVER MATERIAL SHALL BE PLACED IN A MINIMUM OF THREE SEPARATE LIFTS, OR AS REQUIRED TO INSURE ADEQUATE COMPACTING OF THESE MATERIALS, WITH ONE LIFT OF BEDDING MATERIAL ENDING AT OR NEAR THE SPRINGLINE OF THE PIPE. THE CONTRACTOR SHALL TAKE CARE TO COMPLETELY WORK BEDDING MATERIAL UNDER THE HAUNCH OF THE PIPE TO PROVIDE ADEQUATE SIDE SUPPORT.
 - BACKFILL – BACKFILL MATERIAL AND INSTALLATION SHALL BE IN ACCORDANCE CHAPTER 2.6.0 OF THE "STANDARD SPECIFICATIONS". GRAVEL BACKFILL IS REQUIRED IN ALL PAVED AREAS AND TO A POINT 5 FEET BEYOND THE EDGE OF PAVEMENT. TRENCHES RUNNING PARALLEL TO AND LESS THAN 5 FEET FROM THE EDGE OF PAVEMENT SHALL ALSO REQUIRE GRAVEL BACKFILL. LANDSCAPED AREAS MAY BE BACKFILLED WITH EXCAVATED MATERIAL IN CONFORMANCE WITH SECTION 8.4.3.5 OF THE "STANDARD SPECIFICATIONS".
 - MANHOLES – MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH FILE NOS. 12, 13 AND 15 OF THE "STANDARD SPECIFICATIONS" AND ALL SPECIAL PROVISIONS OF THE CITY OF MADISON.
 - MANHOLE FRAMES AND COVERS – MANHOLE FRAMES AND COVERS SHALL BE NEENAH R-1642 WITH TYPE "B" SELF SEALING LIDS, NON-ROOKING OR EQUAL.
 - WATERMAIN AND SANITARY SEWER SHALL BE INSULATED WHEREVER THE DEPTH OF COVER IS LESS THAN 6 FEET. INSULATION AND INSTALLATION OF INSULATION SHALL BE CONFORMING WITH CHAPTER 4.17.0 "INSULATION" OF THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN 6TH EDITION UPDATED WITH ITS LATEST ADDENDUM (TP).
 - ALL NON-METALLIC UTILITY PIPES (SANITARY SEWER, STORM SEWER, AND WATER PIPING) SHALL BE INSTALLED IN CONJUNCTION WITH TRACER WIRE AS REQUIRED BY SPS 382.30(11)(h), SPS 382.36(7)(C)10, AND SPS 382.40(8)(K). COLOR OF TRACER WIRE SHALL BE: SANITARY SEWER – GREEN, STORM SEWER – BROWN, WATER – BLUE, NON-POTABLE WATER – PURPLE.

EROSION CONTROL NOTES

- CONTRACTOR IS RESPONSIBLE TO NOTIFY ENGINEER OF RECORD AND OFFICIALS OF ANY CHANGES TO THE EROSION CONTROL AND STORMWATER MANAGEMENT PLANS. ENGINEER OF RECORD AND APPROPRIATE CITY OF MADISON OFFICIALS MUST APPROVE ANY CHANGES PRIOR TO DEVIATION FROM THE APPROVED PLANS.
 - ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED BY THE CONTRACTOR IN ACCORDANCE WITH THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR) TECHNICAL STANDARDS (REFERRED TO AS BMP'S) AND CITY OF MADISON ORDINANCES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COPY OF THESE STANDARDS. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL EROSION CONTROL MEASURES WHICH MAY BE NECESSARY TO MEET UNFORSEEN FIELD CONDITIONS.
 - INSTALL PERIMETER EROSION CONTROL MEASURES (SUCH AS CONSTRUCTION ENTRANCES, SILT FENCE AND EXISTING INLET PROTECTION) PRIOR TO ANY SITE WORK, INCLUDING GRADING OR DISTURBANCE OF EXISTING SURFACE COVER, AS SHOWN ON PLANS. MODIFICATIONS TO THE APPROVED EROSION CONTROL DESIGN IN ORDER TO MEET UNFORSEEN FIELD CONDITIONS IS ALLOWED IF MODIFICATIONS CONFORM TO BMP'S. ALL DESIGN MODIFICATIONS MUST BE APPROVED BY THE CITY OF MADISON PRIOR TO DEVIATION FROM THE APPROVED PLAN.
 - ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED BY STATE INSPECTORS, LOCAL INSPECTORS, COUNTY INSPECTORS AND/OR ENGINEER OF RECORD SHALL BE INSTALLED WITHIN 24 HOURS OF REQUEST.
 - INSPECTIONS AND MAINTENANCE OF ALL EROSION CONTROL MEASURES SHALL BE ROUTINE (ONCE PER WEEK MINIMUM) TO ENSURE PROPER FUNCTION OF EROSION CONTROLS AT ALL TIMES. EROSION CONTROL MEASURES ARE TO BE IN WORKING ORDER AT THE END OF EACH WORK DAY.
 - ALL EROSION AND SEDIMENT CONTROL ITEMS SHALL BE INSPECTED WITHIN 24 HOURS OF ALL RAIN EVENTS EXCEEDING 0.5 INCHES. ANY DAMAGED EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED IMMEDIATELY UPON INSPECTION.
 - CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT ALL LOCATIONS OF VEHICLE INGRESS/EGRESS POINTS. ADDITIONAL LOCATIONS OTHER THAN AS SHOWN ON THE PLANS MUST BE PRIOR APPROVED BY THE MUNICIPALITY. CONSTRUCTION ENTRANCES SHALL BE 50' LONG AND NO LESS THAN 12" THICK BY USE OF 3" CLEAR STONE. CONSTRUCTION ENTRANCES SHALL BE MAINTAINED BY THE CONTRACTOR IN A CONDITION THAT PREVENT THE TRACKING OF MUD OR DIRT ONTO ADJACENT PUBLIC STREETS AFTER EACH WORKING DAY OR MORE FREQUENTLY AS REQUIRED.
 - PAVED SURFACES ADJACENT TO CONSTRUCTION SITE VEHICLE ACCESS SHALL BE SWEEP AND/OR SCRAPPED TO REMOVE ACCUMULATED SOIL, DIRT AND/OR DUST AFTER THE END OF EACH WORK DAY AND AS REQUESTED BY THE CITY OF MADISON.
 - INLET PROTECTION SHALL BE IMMEDIATELY FITTED AT THE INLET OF ALL INSTALLED STORM SEWER AND SILT FENCE SHALL BE IMMEDIATELY FITTED AT ALL INSTALLED CULVERT INLETS TO PREVENT SEDIMENT DEPOSITION WITHIN STORM SEWER SYSTEMS.
 - INSTALL EROSION CONTROLS ON THE DOWNSTREAM SIDE OF STOCKPILES. IF STOCKPILE REMAINS UNDISTURBED FOR MORE THAN SEVEN (7) DAYS, TEMPORARY SEEDING AND STABILIZATION IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES IS REQUIRED. IF DISTURBANCE OCCURS BETWEEN NOVEMBER 15TH AND MAY 15TH, THE MULCHING SHALL BE PERFORMED BY HYDRO-MULCHING WITH A "TACKIFIER".
 - DITCH CHECKS AND APPLICABLE EROSION NETTING/MATTING SHALL BE INSTALLED IMMEDIATELY AFTER COMPLETION OF GRADING EFFORTS WITHIN DITCHES/SWALES TO PREVENT SOIL TRANSPORTATION.
 - EROSION CONTROL FOR UTILITY CONSTRUCTION (STORM SEWER, SANITARY SEWER, WATER MAIN, ETC.):
 - EXCAVATED TRENCH MATERIAL ON THE HIGH SIDE OF THE TRENCH:
 - BACKFILL, COMPACT, AND STABILIZE THE TRENCH IMMEDIATELY AFTER PIPE CONSTRUCTION.
 - DISCHARGE TRENCH WATER INTO A SEDIMENTATION BASIN OR FILTERING TANK IN ACCORDANCE WITH THE DEWATERING TECHNICAL STANDARD NO. 1061 PRIOR TO RELEASE INTO THE STORM SEWER, RECEIVING STREAM, OR DRAINAGE DITCH.
 - SLOPES 4:1 OR GREATER SHALL BE STABILIZED WITH CLASS I, TYPE B EROSION MATTING OR APPLICATION OF A WISCONSIN DEPARTMENT OF TRANSPORTATION (WDOT) APPROVED POLYMER SOIL STABILIZATION TREATMENT OR A COMBINATION THEREOF, AS REQUIRED WITHIN 7 DAYS OF REACHING FINAL GRADE AND/OR AS SOON AS CONDITIONS ALLOW. DRAINAGE SWALES SHALL BE STABILIZED WITH CLASS II, TYPE B EROSION MATTING. EROSION MATTING AND/OR NETTING USED ONSITE SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S GUIDELINES AND WDNW TECHNICAL STANDARDS 1052 AND 1053.
 - CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO CONTROL DUST ARISING FROM CONSTRUCTION OPERATIONS. REFER TO WDNW TECHNICAL STANDARD 1068.
 - EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL ALL LAND DISTURBING CONSTRUCTION ACTIVITY AT THE SITE HAS BEEN COMPLETED AND THAT A UNIFORM PERENNIAL VEGETATIVE COVER HAS BEEN ESTABLISHED WITH A DENSITY OF AT LEAST 70% FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES OR THAT EMPLOY EQUIVALENT PERMANENT STABILIZATION MEASURES.
 - STABILIZATION PRACTICES:
 - STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, NO MORE THAN SEVEN (7) DAYS SHALL PASS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS CEASED UNLESS:
 - THE INITIATION STABILIZATION MEASURES BY THE SEVENTH (7) DAY AFTER CONSTRUCTION ACTIVITY HAS CEASED IS PRECLUDED BY SNOW COVER. IN THAT EVENT, STABILIZATION SHALL BE INITIATED AS SOON AS PRACTICABLE.
 - CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN FOURTEEN (14) DAYS FROM WHEN ACTIVITY CEASED, (I.E. THE TOTAL TIME PERIOD THAT THE CONSTRUCTION ACTIVITY IS TEMPORARILY CEASED IS LESS THAN FOURTEEN (14) DAYS. IN THAT EVENT, STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE SEVENTH (7) DAY AFTER CONSTRUCTION ACTIVITY HAS TEMPORARILY CEASED.
 - STABILIZATION MEASURES SHALL BE DETERMINED BASED ON SITE CONDITIONS AT THE TIME OF CONSTRUCTION ACTIVITY HAS CEASED, INCLUDING BUT NOT LIMITED TO WEATHER CONDITIONS AND LENGTH OF TIME MEASURE MUST BE EFFECTIVE. THE FOLLOWING ARE ACCEPTABLE STABILIZATION MEASURES:
 - PERMANENT SEEDING IN ACCORDANCE WITH APPROVED CONSTRUCTION SPECIFICATION
 - TEMPORARY SEEDING MAY CONSIST OF SPRING OATS(100LBS/ACRE) AND/OR WHEAT OR CEREAL RYE (150LBS/ACRE)
 - HYDRO-MULCHING WITH A TACKIFIER
 - GEOTEXTILE EROSION MATTING
 - SODDING

CITY FORESTRY NOTES

- 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 WHO'S DISTRICT IS AFFECTED BY THE STREET TREE REMOVAL(S) PRIOR TO A TREE REMOVAL PERMIT BEING ISSUED.
- AS DEFINED BY THE SECTION 107.13(G) 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: [HTTPS://WWW.CITYOFMADISON.COM/BUSINESS/PW/SPESCS.CFM](https://www.cityofmadison.com/Business/PW/SPESCS.cfm)
- 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 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 SPILLS 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.
- 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.
- ADDITIONAL STREET TREES ARE NEEDED FOR THIS PROJECT. TREE PLANTING SPECIFICATIONS CAN BE FOUND IN SECTION 209 OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (WEBSITE: [HTTPS://WWW.CITYOFMADISON.COM/BUSINESS/PW/SPESCS.CFM](https://www.cityofmadison.com/Business/PW/SPESCS.cfm)) – ALL STREET TREE PLANTING LOCATIONS AND TREE SPECIES WITHIN THE RIGHT OF WAY SHALL BE DETERMINED BY CITY FORESTRY. A LANDSCAPE PLAN AND STREET TREE PLANTING PLAN SHALL BE SUBMITTED IN PDF FORMAT TO CITY FORESTRY FOR APPROVAL OF PLANTING LOCATIONS WITHIN THE RIGHT OF WAY AND TREE SPECIES. ALL AVAILABLE STREET TREE PLANTING LOCATIONS SHALL BE PLANTED WITHIN THE PROJECT BOUNDARIES.
- AT LEAST ONE WEEK PRIOR TO STREET TREE PLANTING, CONTRACTOR SHALL CONTACT CITY FORESTRY AT (608) 266-4816 TO SCHEDULE INSPECTION AND APPROVAL OF NURSERY TREE STOCK AND REVIEW PLANTING SPECIFICATIONS WITH THE LANDSCAPER.

CITY TRAFFIC ENGINEERING NOTES

- THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANY TIME PER THE RECOMMENDED PLAN BY TRAFFIC ENGINEERING AND CITY ENGINEERING DEPARTMENT.

LEGEND

	PROPERTY LINE
	RIGHT-OF-WAY
	BUILDING SETBACK LINE
	BUILDING OUTLINE
	EDGE OF PAVEMENT
	CONCRETE PAVEMENT
	HIGH DUTY CONCRETE PAVEMENT
	RETAINING WALL
	RAILING
	BOLLARD
	BIKE RACK
	BIKE RACK - REMOVAL OF ONSITE CURB SURFACES AND BASE COURSE
	DEMOLITION - REMOVAL OF ONSITE FENCE
	DEMOLITION - PAVEMENT MILL AND OVERLAY
	DEMOLITION - REMOVAL OF RETAINING WALL
	DEMOLITION - REMOVAL OF ASPHALT SURFACES
	DEMOLITION - REMOVAL OF CONCRETE SURFACES
	DEMOLITION - REMOVAL OF BUILDINGS/STRUCTURES
	DEMOLITION - REMOVAL OF UTILITIES
	DEMOLITION - REMOVAL OF LANDSCAPE BEDDING
	TREE REMOVAL
	SHRUB REMOVAL
	PROTECT EXISTING TREE
	PROPOSED 1 FOOT CONTOUR
	PROPOSED 5 FOOT CONTOUR
	EXISTING 1 FOOT CONTOUR
	EXISTING 5 FOOT CONTOUR
	DRAINAGE DIRECTION
	GRADE BREAK
	SILT FENCE
	RIP-RAP
	CONSTRUCTION ENTRANCE
	SPOT ELEVATION EP – EDGE OF PAVEMENT FC – FINISH GRADE EC – EDGE OF CONCRETE BOC – BACK OF CURB MEXI – MATCH EXISTING GRADE HP – HIGH POINT SW – SIDEWALK
	INLET PROTECTION
	SANITARY SEWER
	WATERMAIN
	STORM SEWER
	PROPOSED COMMUNICATION (BY CHARTER/AT&T)
	PROPOSED ELECTRIC (BY MG&E)
	PROPOSED GAS (BY MG&E)



MADISON REGIONAL OFFICE
161 HORIZON DRIVE, SUITE 101
VERONA, WISCONSIN 53593
P. 608.848.5060

CLIENT:
SEA DESIGN

CLIENT ADDRESS:
**N3302 SOUTH OAKLAND ROAD
TOWN OF OAKLAND, WI 53538**

PROJECT:
**139 WEST WILSON ST
REDEVELOPMENT**

PROJECT LOCATION:
**139 WEST WILSON
MADISON, WI 53703**

#	Date:	Description:
1	12.19.2022	UDC INITIAL SUBMITTAL
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Designed By: MAS
Reviewed By: KJY
Approved By:

SHEET TITLE:
NOTE AND LEGEND

SHEET NUMBER:

C1.0

JSD PROJECT NO: 22-11487



PLAN MODIFICATIONS:

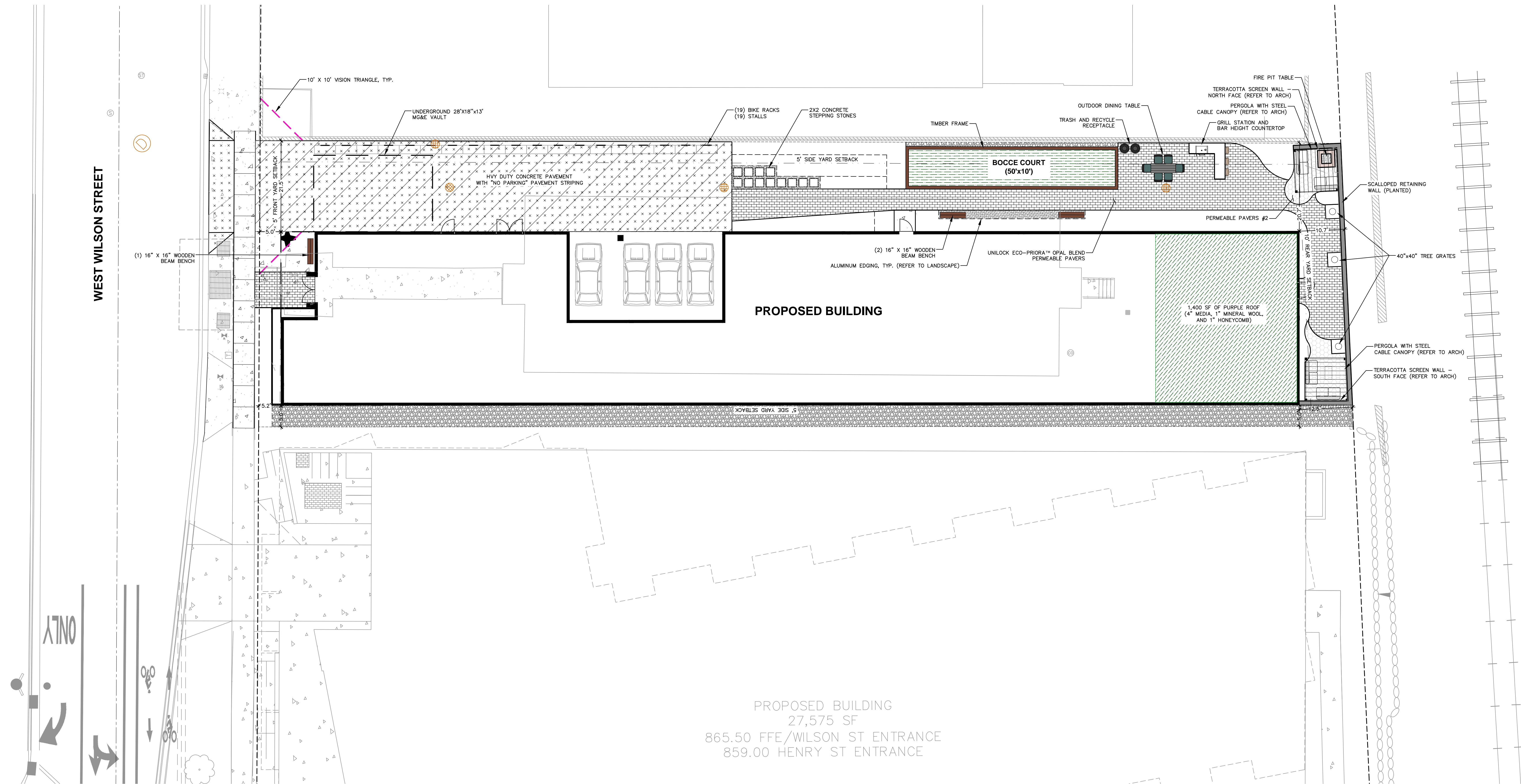
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Designed By: MAS
Reviewed By: KJN
Approved By:

SHEET TITLE:
SITE PLAN

SHEET NUMBER:
C3.0

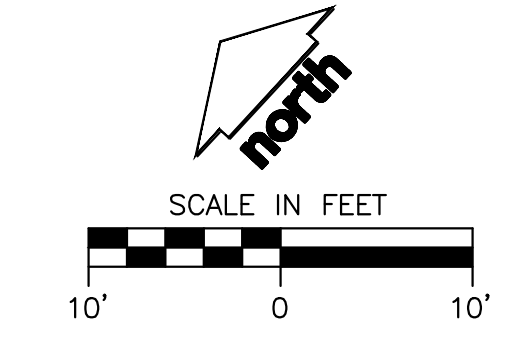
WEST WILSON STREET



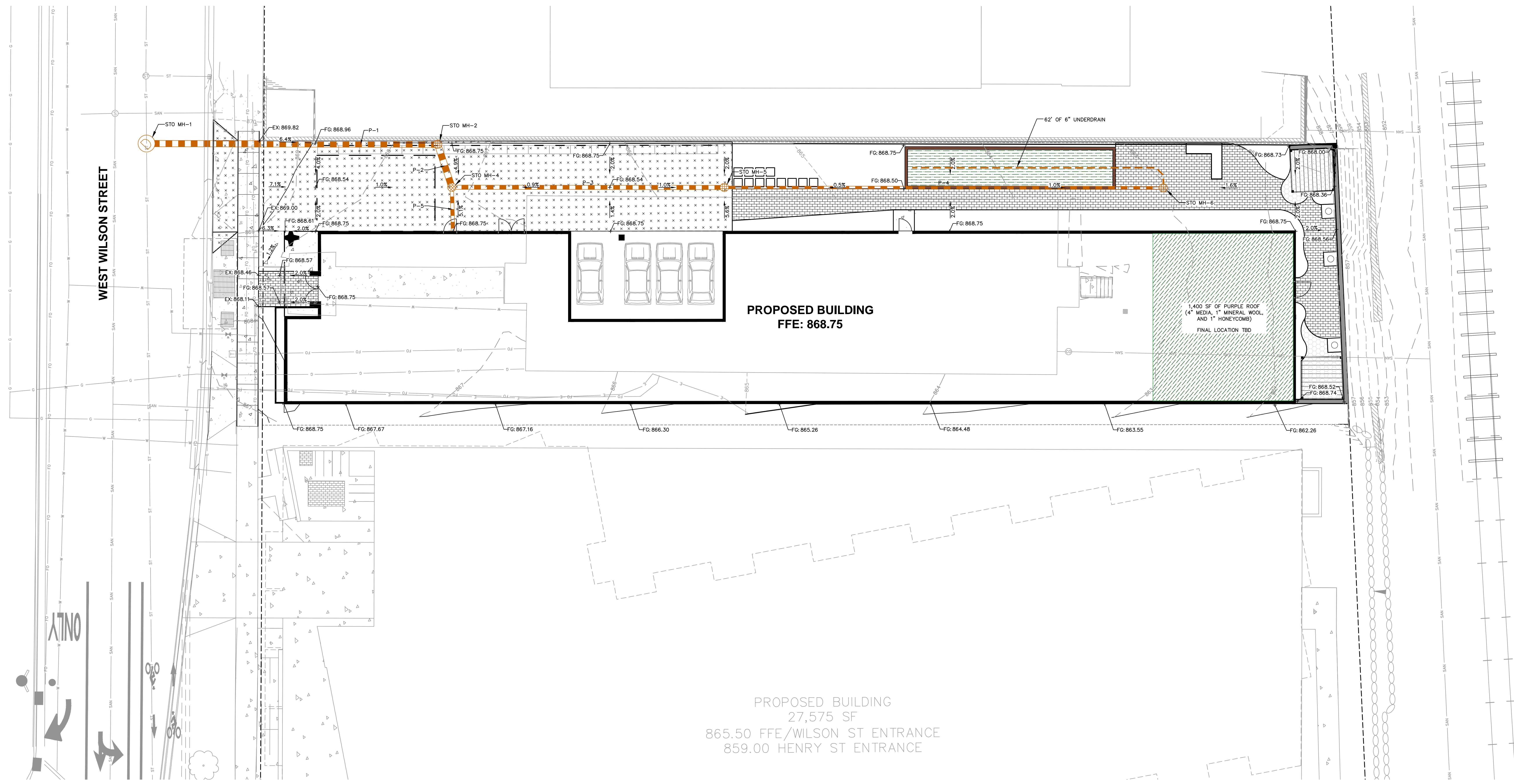
PROPOSED BUILDING
27,575 SF
865.50 FFE/WILSON ST ENTRANCE
859.00 HENRY ST ENTRANCE

SITE INFORMATION BLOCK

SITE ADDRESS	139 WEST WILSON STREET
PROPERTY ACREAGE	0.395 ACRES
NUMBER OF BUILDING STORIES	16
TOTAL BUILDING SQUARE FOOTAGE	9,840
GROSS BUILDING SQUARE FOOTAGE	156,633
NUMBER OF PARKING STALLS SURFACE WITHIN BUILDING	0
NUMBER OF ON-SITE BICYCLE STALLS:	19
EXISTING IMPERVIOUS SURFACE AREA	16,693 SF
EXISTING PERVIOUS SURFACE AREA	500 SF
EXISTING IMPERVIOUS SURFACE AREA RATIO	0.97
PROPOSED IMPERVIOUS SURFACE AREA	12,272 SF
PROPOSED PERVIOUS SURFACE AREA	4,934 SF
PROPOSED IMPERVIOUS SURFACE AREA RATIO	0.71
USABLE OPEN SPACE AREA	3,356 SF



DIGGERS HOTLINE
Toll Free (800) 242-8511



PROPOSED BUILDING
27,575 SF
865.50 FFE/WILSON ST ENTRANCE
859.00 HENRY ST ENTRANCE

PROPOSED STORM SEWER STRUCTURE TABLE					
LABEL	RIM EL. (FT)	INVERT EL. (FT)	DEPTH (FT)	STRUCTURE DESC.	FRAME & GRATE
STO MH-1	869.12	EX SW INV: 862.52 (24") SE INV: 863.50 (18") EX NE INV: 862.52 (24")	6.6	48 IN MH	R-1550 SOLID GRATE
STO MH-2	868.76	NW INV: 864.19 (18") SW INV: 864.29 (18")	4.6	24 IN DB	STANDARD OPEN GRATE
STO MH-4	868.22	NE INV: 864.43 (18") SE INV: 864.95 (12") SW INV: 865.12 (10")	3.8	24 IN DB	STANDARD OPEN GRATE
STO MH-5	868.27	NW INV: 865.27 (12") SE INV: 865.60 (8")	3.0	24 IN DB	STANDARD OPEN GRATE
STO MH-6	868.04	NW INV: 866.12 (8")	1.9	24 IN DB	STANDARD OPEN GRATE

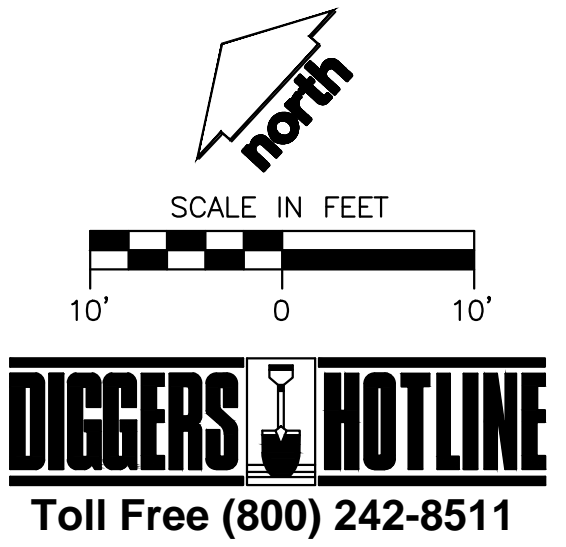
PROPOSED STORM SEWER PIPE TABLE							
LABEL	FROM	TO	LENGTH	INVERT EL. (FT)	DISCHARGE EL. (FT)	SLOPE	SIZE & MATERIAL
P-1	STO MH-2	STO MH-1	69'	864.19	863.50	1.00%	18 IN RCP
P-2	STO MH-4	STO MH-2	11'	864.45	864.29	1.50%	18 IN HDPE
P-3	STO MH-5	STO MH-4	65'	865.27	864.95	0.50%	12 IN HDPE
P-4	STO MH-6	STO MH-5	104'	866.12	865.60	0.50%	8 IN HDPE
P-5	ROOF	STO MH-4	10'	865.27	865.12	1.50%	10 IN HDPE

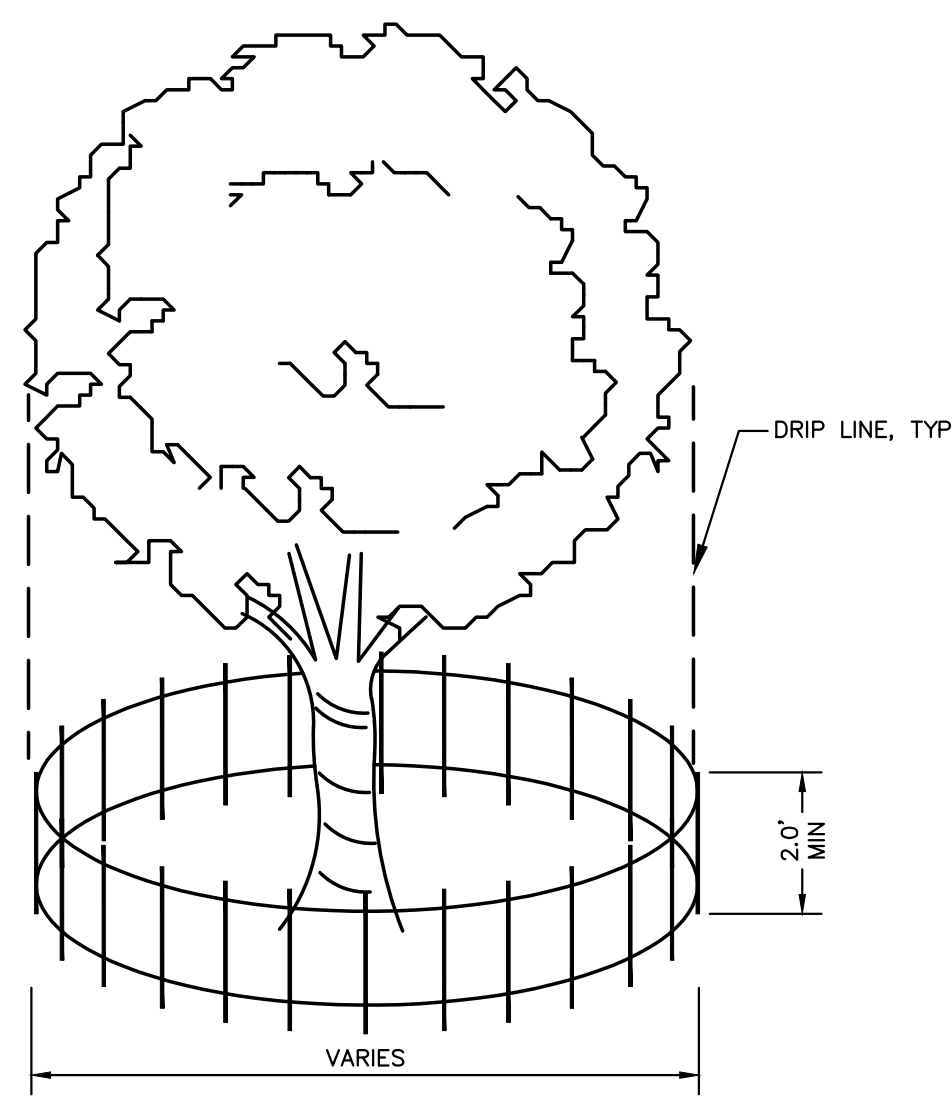
PLAN MODIFICATIONS:		
#	Date:	Description:
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Designed By: MAS
Reviewed By: KJT
Approved By:

SHEET TITLE:
GRADING, EROSION CONTROL, AND UTILITY PLAN

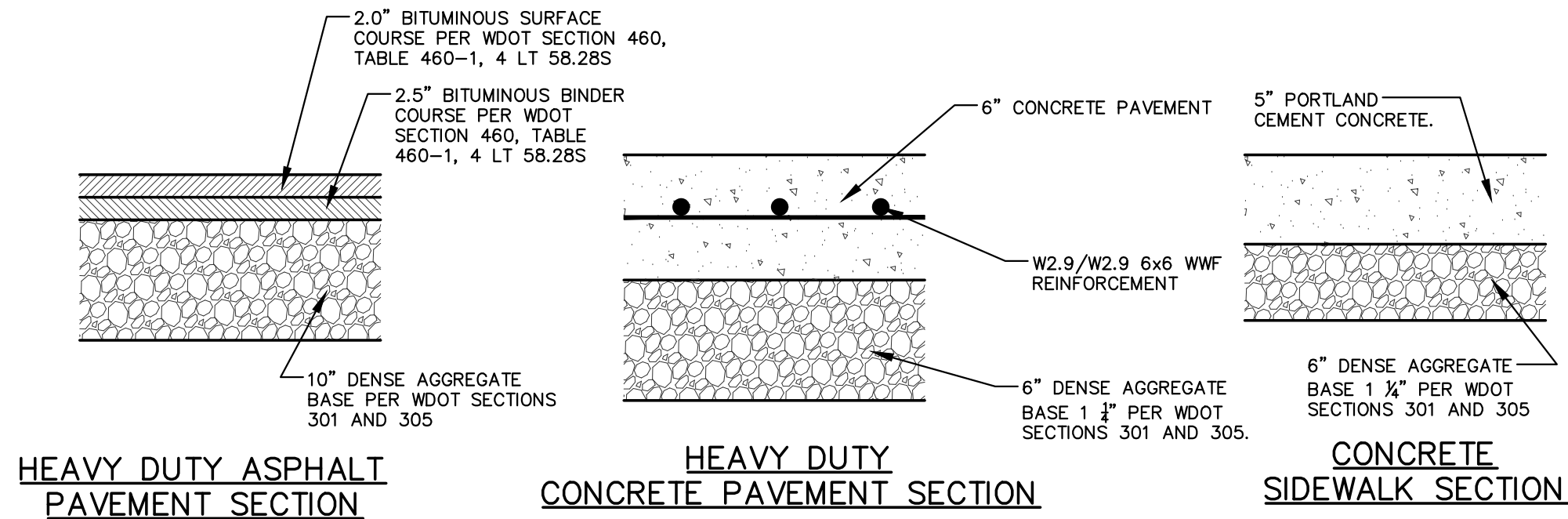
SHEET NUMBER:
C4.0





TREE PROTECTION
N.T.S.

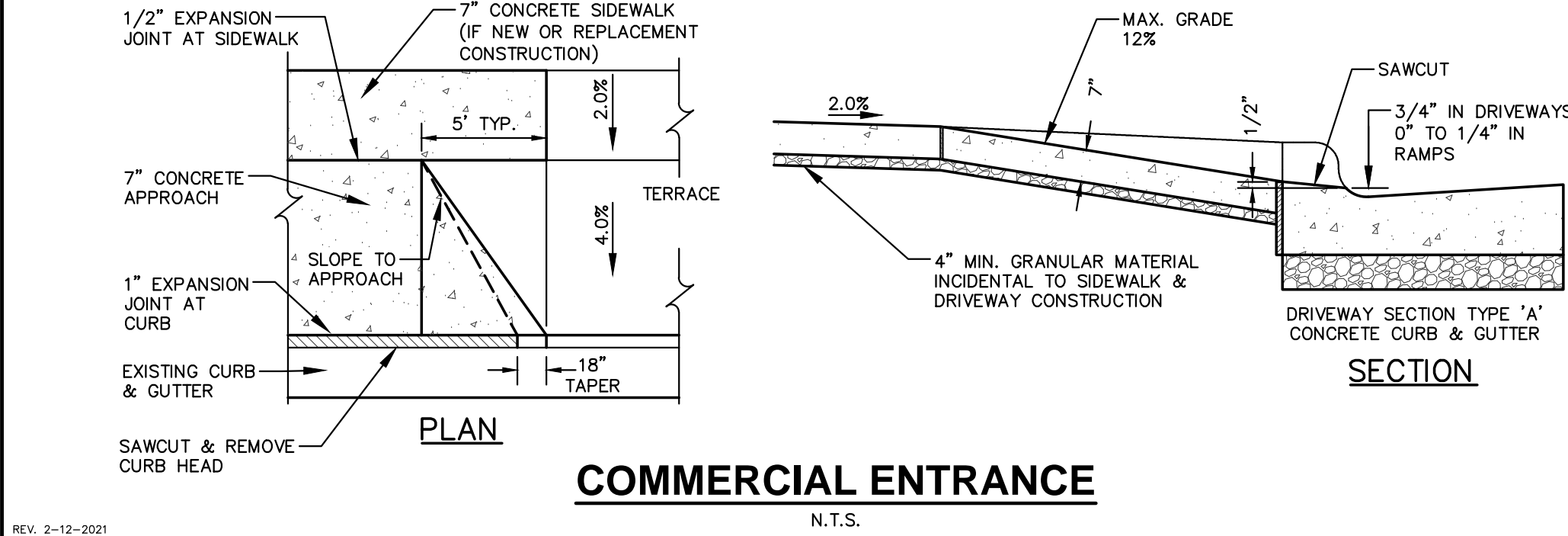
NOTE:
FENCE TO BE INSTALLED TO PROTECT EXISTING TREE(S) DURING CONSTRUCTION. CONTRACTOR TO COORDINATE FENCE LOCATION WITH OWNER PRIOR TO INSTALLATION. SILT FENCE MATERIAL OR OTHER APPROVED BARRIER MATERIAL MAY BE USED.



CONCRETE PAVEMENT SECTIONS
N.T.S.

GENERAL NOTES:

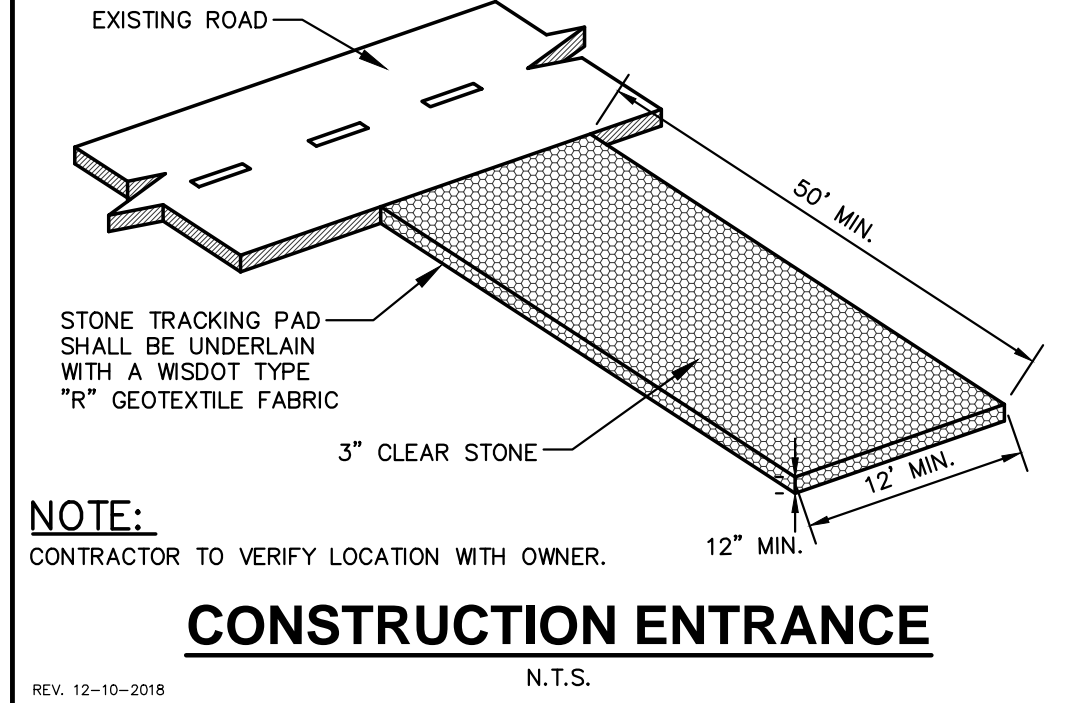
- FINAL PAVEMENT CROSS SECTION DESIGN SHALL BE BASED ON GEOTECHNICAL REPORT TITLED "GEOTECHNICAL SUBSURFACE INVESTIGATION WILSON STREET APARTMENT BUILDING 402 WILSON STREET, MADISON, WISCONSIN" AS PREPARED BY GEOTEST DATED NOVEMBER 1, 2022.
- BASED ON THE GEOTECHNICAL EXPLORATION AND REPORT, RECOMPACTION/PROOF ROLLING TO BE COMPLETED PRIOR TO PLACEMENT OF PAVEMENTS. UNDERCUTTING OR STABILIZATION OF EXISTING SUB BASE MATERIALS SHALL BE REQUIRED.
- WSDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, INCLUDING SUPPLEMENTAL SPECIFICATIONS, COMPACTION REQUIREMENTS:
- CONCRETE: REFER TO SECTION 411
- BASE COURSE: REFER TO SECTION 301.3.4.2, STANDARD COMPACTION.
- CONCRETE EQUIPMENT PADS SHALL HAVE A MINIMUM 6" THICK PORTLAND CEMENTER CONCRETE OVER COMPACTED 6" THICK DENSE GRADED BASE WITH REINFORCEMENT FOR CRACK CONTROL.



COMMERCIAL ENTRANCE
N.T.S.

NOTES:

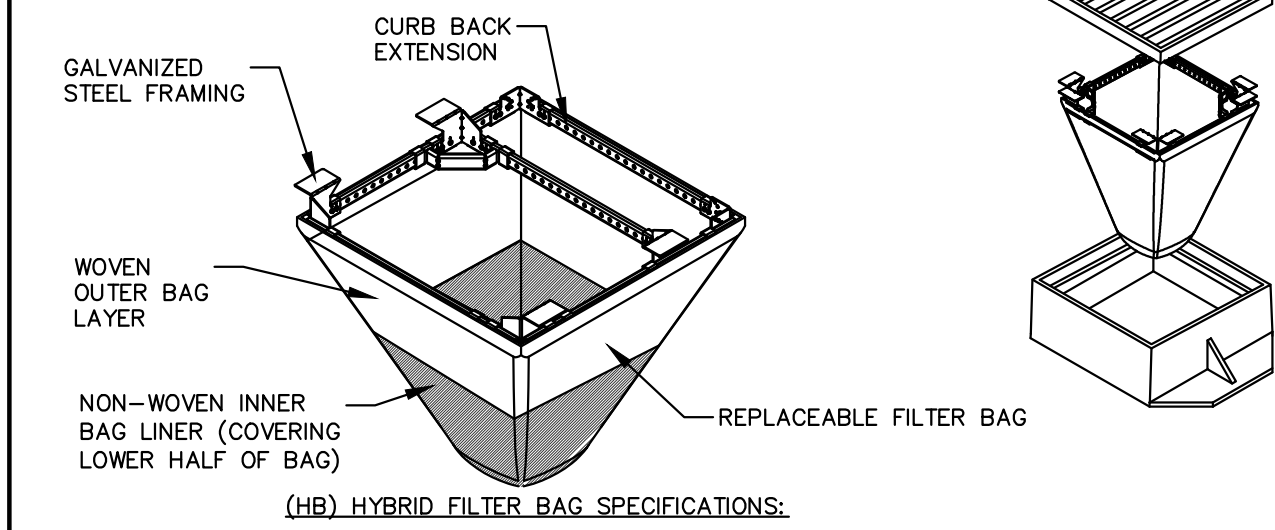
- ALL AGGREGATE MATERIAL SHALL BE CRUSHED, ANGULAR STONE AND FREE OF FINES.
- SURFACE SLOPE SHALL BE A MINIMUM OF 1% AND A MAXIMUM OF 5%.
- THE MINIMUM AGGREGATE THICKNESSES ARE AFTER COMPACTION.
- ONLY USED CRUSHED, ANGULAR GRANITE CHIPS FOR JOINT MATERIAL.



CONSTRUCTION ENTRANCE
N.T.S.

NOTE:
CONTRACTOR TO VERIFY LOCATION WITH OWNER.

FLEXSTORM INLET FILTERS TO MEET DANE COUNTY EROSION CONTROL STANDARDS



CATCH-IT INLET FILTER (Temporary Inlet Protection)

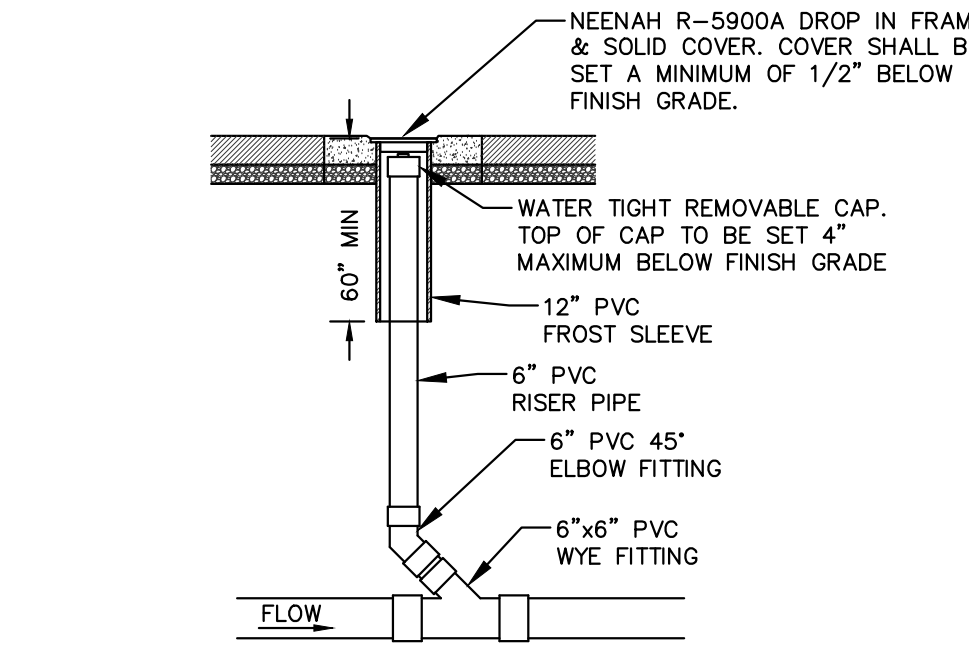
Nenech Casting	Inlet Type	Grate Size	Opening Size	Bag Cap (ft)	Flow Rating (CFP)	Bypass	ADS PIN
3067	Curb Box	35.25 x 17.75	33.0 x 15.0	4.4	2.2	5.8	62LCBEX7H
3246A	Curb Box	35.75 x 23.875	33.5 x 21.0	4.2	1.1	3.3	62LCB3624H
3030	Square Flat (SQ)	23 x 16	20.5 x 13.5	1.6	0.7	2.2	62MSB2316H
3087-C	Square Flat (SQ)	35.25 x 17.75	33 x 15	3.2	1.0	5.2	62LSQB18H
R-2501	Round (RD)	-26	-24	2.3	0.8	5.2	62MRD25H
R-172/2560	Round (RD)	22.25 x 2.5	20.5 x 2.1	1.5	0.8	4.8	62MRD22H

INSTALLATION INSTRUCTIONS:

- REMOVE GRATE FROM THE DRAINAGE STRUCTURE
- CLEAN STONE AND DIRT FROM LEDGE (LIP) OF DRAINAGE STRUCTURE
- DROP THE INLET FILTER THROUGH THE CLEAR OPENING SUCH THAT THE HANGERS REST FIRMLY ON THE LIP OF THE STRUCTURE
- REPLACE THE GRATE AND CONFIRM IT IS NOT ELEVATED MORE THAN 1/8"

MAINTENANCE GUIDELINES:

- EMPTY THE SEDIMENT BAG IF MORE THAN HALF FILLED WITH SEDIMENT AND DEBRIS
- REMOVE THE GRATE, ENGAGE THE LIFTING POINTS, AND LIFT FILTER FROM THE DRAINAGE STRUCTURE
- DISPOSE OF SEDIMENT AND DEBRIS BY THE ENGINEERING OR MAINTENANCE CONTRACTOR. ALTERNATIVELY, AN INDUSTRIAL VACUUM CAN BE USED TO COLLECT SEDIMENT FROM THE FILTER BAG

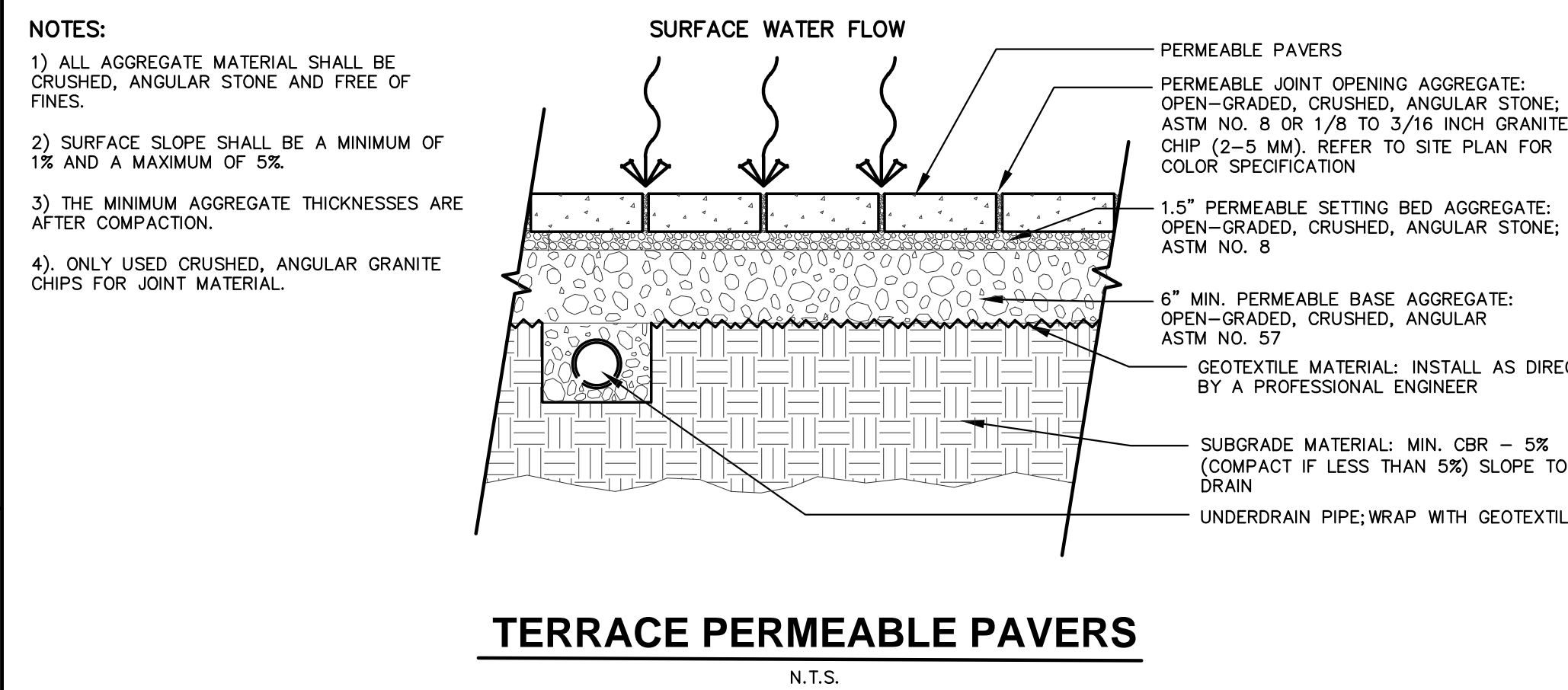


Comm Table 82.35

Dia. of Lateral	Min Dia. of Cleanout Riser	Min Dia. of Riser Cap
3.5	1.5	1.5
4	1.5	1.5
5	2	2
6	2	2
8	3	3
10	4	4
12	5	5
14	6	6

SEWER CLEANOUT
N.T.S.

NOTE:
CLEANOUT PIPING AND FITTINGS SHALL MATCH SEWER LATERAL MATERIAL.

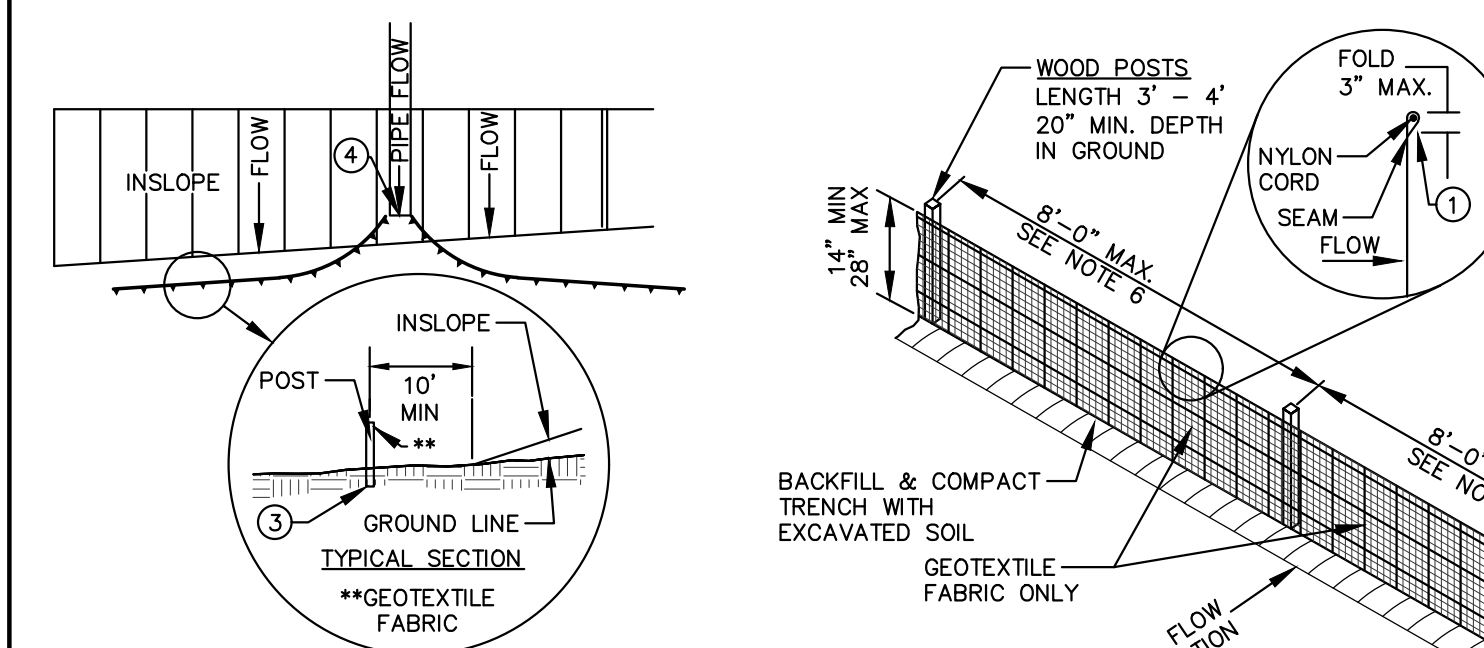


TERRACE PERMEABLE PAVERS
N.T.S.

NOTES:

- PERMEABLE JOINT OPENING AGGREGATE: OPEN-GRADED, CRUSHED, ANGULAR STONE; ASTM NO. 8 OR 1/8 TO 3/16 INCH GRANITE CHIP (2-5 MM). REFER TO SITE PLAN FOR COLOR SPECIFICATION
- 1.5" PERMEABLE SETTING BED AGGREGATE: OPEN-GRADED, CRUSHED, ANGULAR STONE; ASTM NO. 8
- 6" MIN. PERMEABLE BASE AGGREGATE: OPEN-GRADED, CRUSHED, ANGULAR STONE; ASTM NO. 57
- GEOTEXTILE MATERIAL INSTALL AS DIRECTED BY A PROFESSIONAL ENGINEER
- SUBGRADE MATERIAL: MIN. CBR - 5% (COMPACT IF LESS THAN 5%) SLOPE TO DRAIN
- UNDERDRAIN PIPE: WRAP WITH GEOTEXTILE

FRAMED INLET PROTECTION
N.T.S.

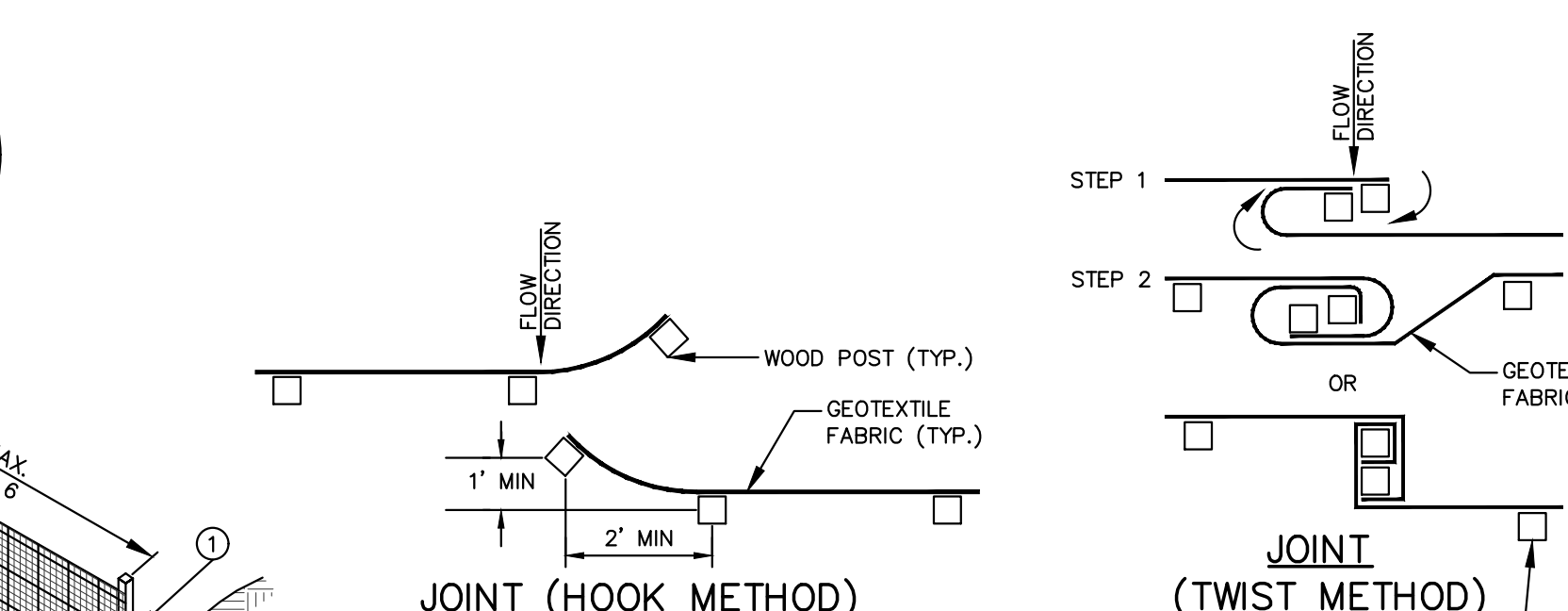


SILT FENCE ALONG SLOPES & OUTFALLS

TRENCH DETAIL

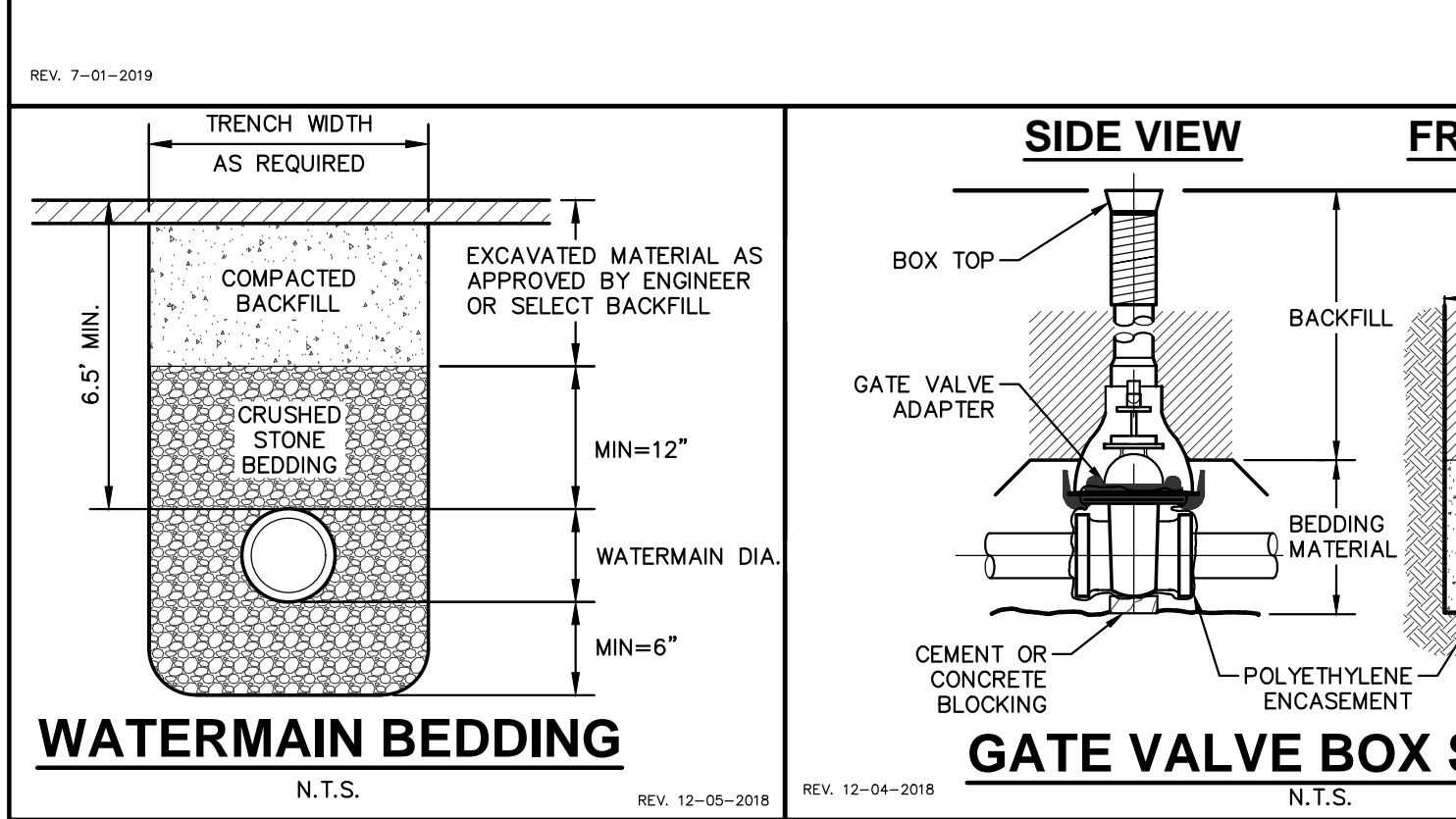
SILT FENCE TIE BACK
(WHEN ADDITIONAL SUPPORT REQUIRED)

SEWER CLEANOUT
N.T.S.



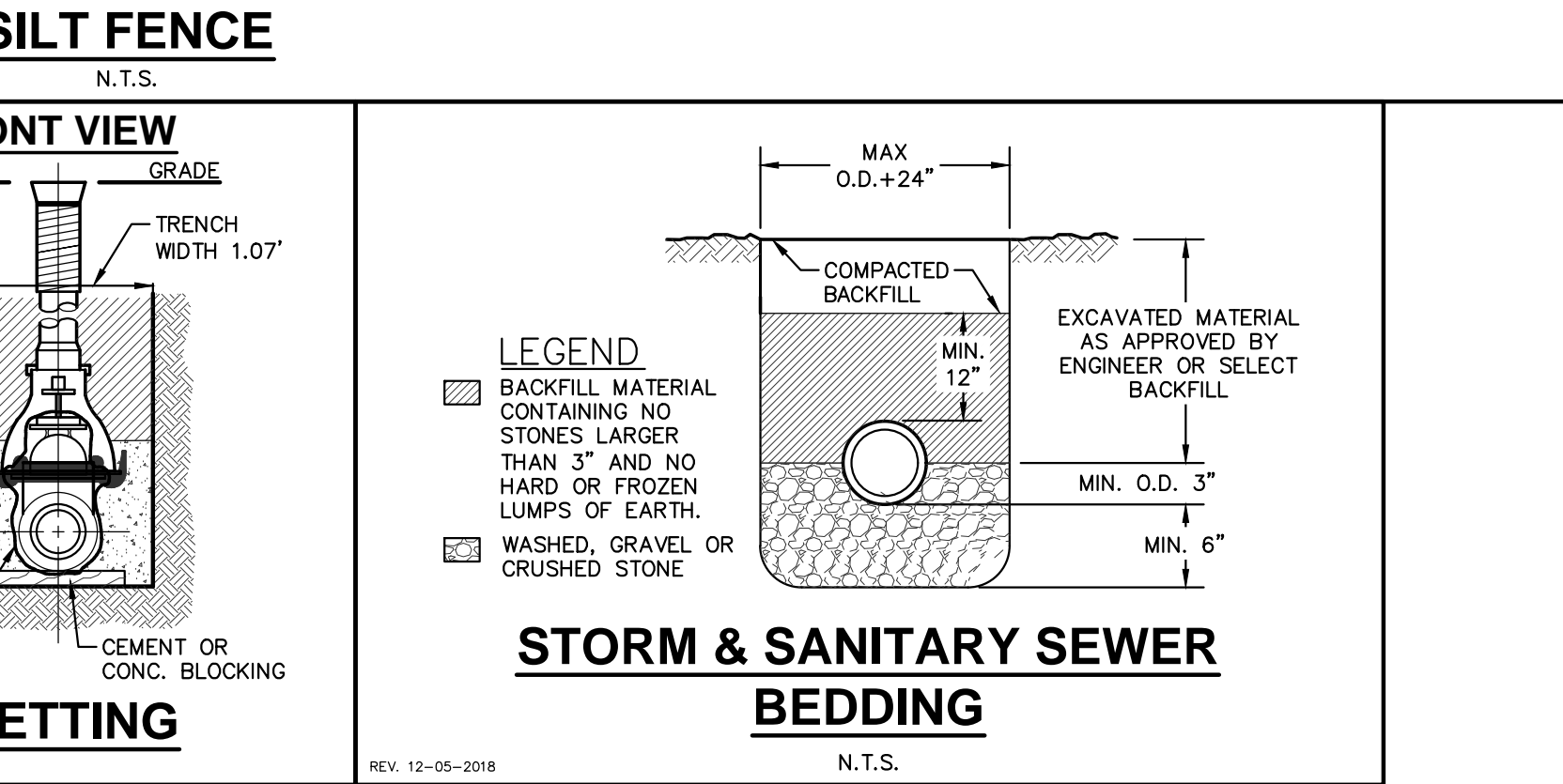
GENERAL NOTES:

- SILT FENCE SHALL BE ANCHORED BY SPREADING AT LEAST 8-INCHES OF FABRIC IN A 4-INCH WIDE AND 6-INCH DEEP TRENCH OR 6-INCH DEEP V-TRENCH ON THE UPSLOPE SIDE OF THE FENCE. TRENCHES SHALL NOT BE EXCAVATED WIDER OR DEEPER THAN NECESSARY FOR PROPER INSTALLATION.
- FOLD MATERIAL TO FIT TRENCH AND BACKFILL AND COMPACT TRENCH WITH EXCAVATED SOIL.
- WOOD POSTS SHALL BE A MINIMUM SIZE OF 1.125-INCHES x 1.125-INCHES OF DRIED OAK OR HICKORY.
- SILT FENCE TO EXTEND ABOVE THE TOP OF PIPE.
- SILT FENCE CONSTRUCTION AND GEOTEXTILE FABRIC SHALL CONFORM TO WDNR TECHNICAL STANDARD 1056.
- POST SPACING SHALL BE SELECTED BASED ON GEOTEXTILE FABRIC (8- FEET FOR WOVEN & 3- FEET FOR NON-WOVEN)

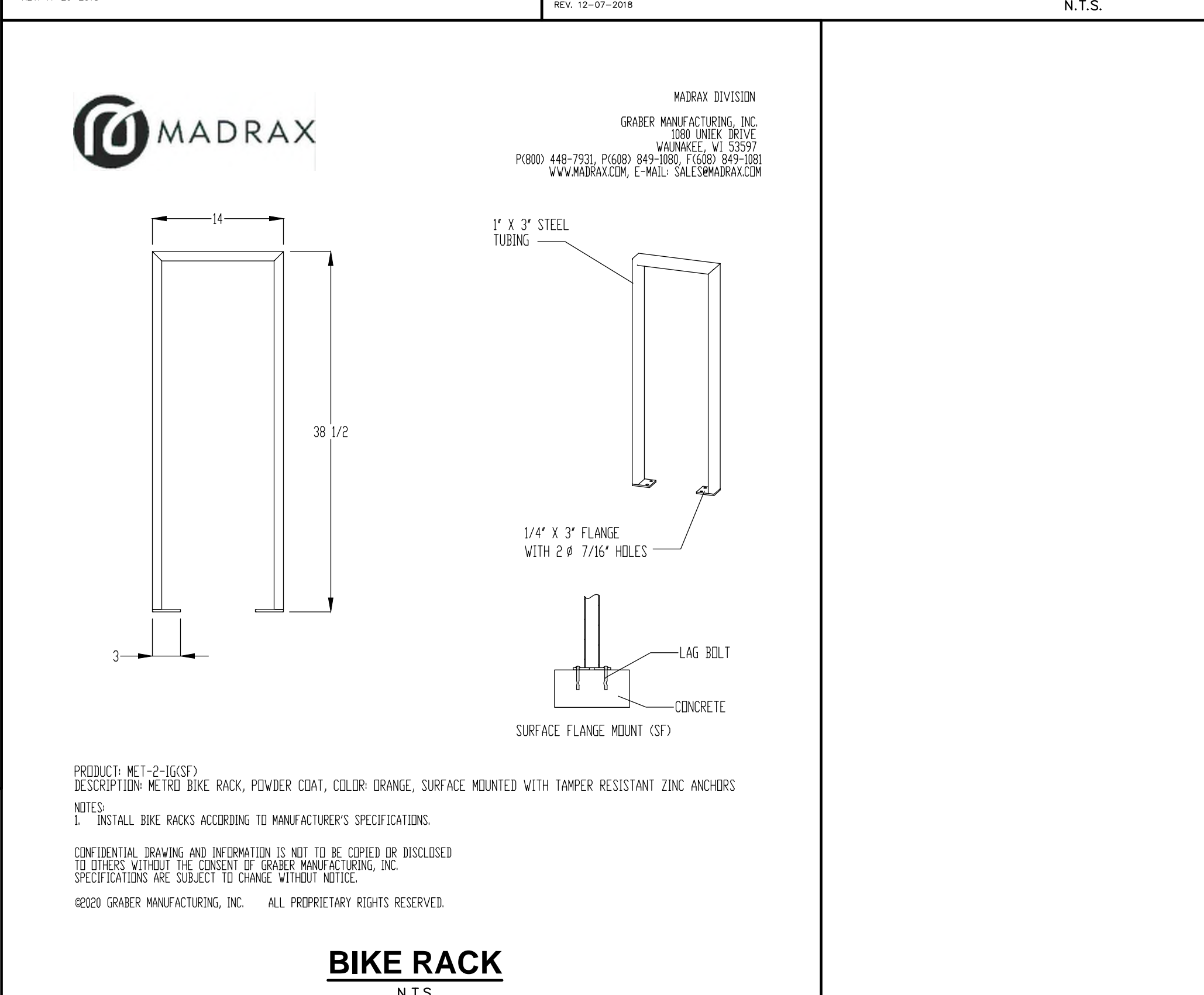


WATERMAIN BEDDING
N.T.S.

GATE VALVE BOX SETTING
N.T.S.



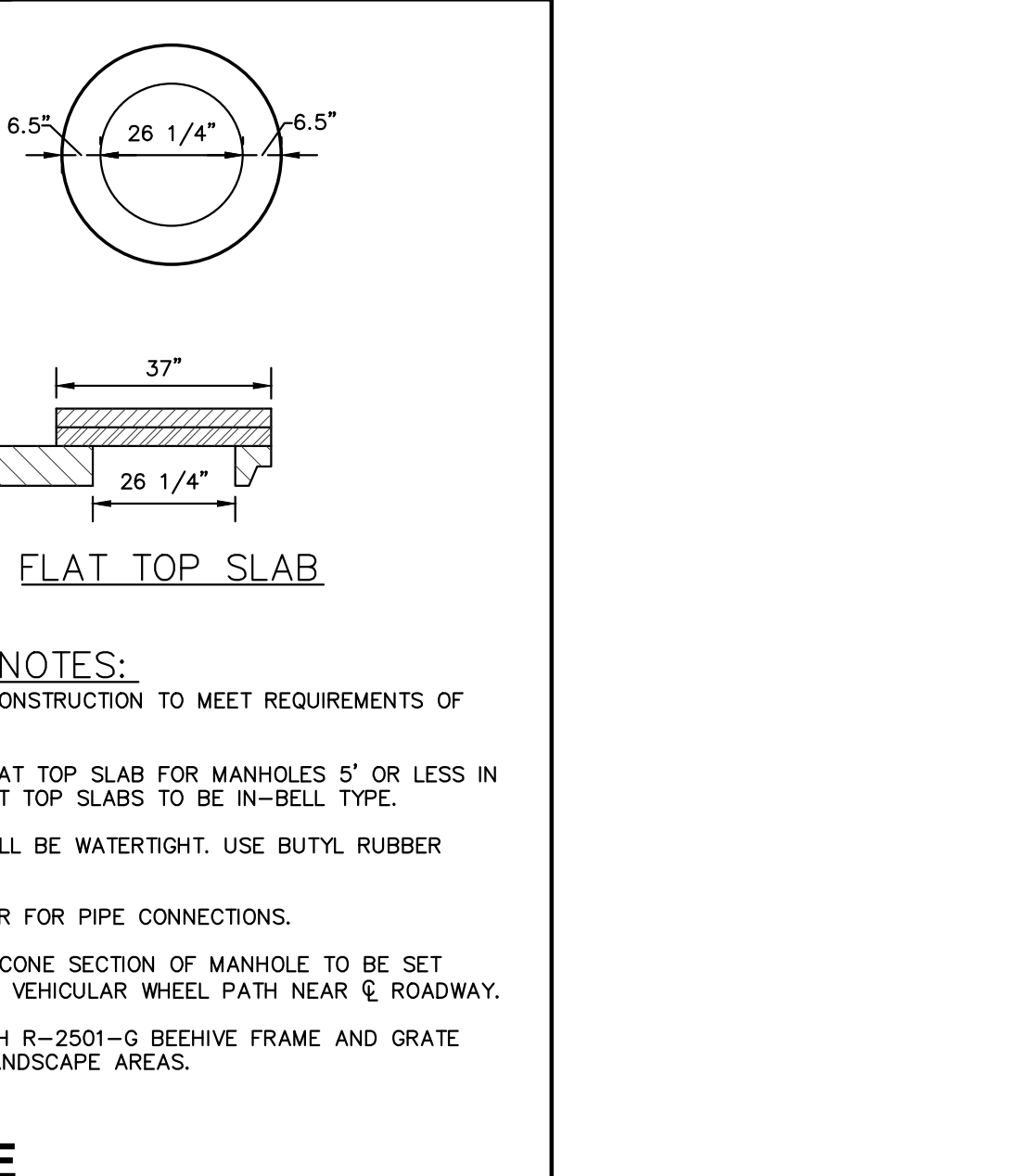
STORM & SANITARY SEWER BEDDING
N.T.S.



BIKE RACK
N.T.S.

LEGEND

- BACKFILL MATERIAL CONTAINING NO STONES LARGER THAN 3" AND NO HARD OR FROZEN LUMPS OF EARTH.
- WASHED GRAVEL OR CRUSHED STONE



STORM SEWER MANHOLE
N.T.S.

GENERAL NOTES:

- MANHOLE CONSTRUCTION TO MEET REQUIREMENTS OF ASTM C478.
- PROVIDE FLAT TOP SLAB FOR MANHOLES 5' OR LESS IN DEPTH. FLAT TOP SLABS TO BE IN-BELL TYPE.
- JOINTS SHALL BE WATER-TIGHT. USE BUTYL RUBBER GASKET.
- USE MORTAR FOR PIPE CONNECTIONS.
- ECCENTRIC CONE SECTION OF MANHOLE TO BE SET OUTSIDE OF VEHICULAR WHEEL PATH NEAR ROADWAY.
- USE NENAH R-2501-G BEEHIVE FRAME AND GRATE WHEN IN LANDSCAPE AREAS.

CLIENT:
SEA DESIGN

CLIENT ADDRESS:
**N3302 SOUTH OAKLAND ROAD
TOWN OF OAKLAND, WI 53538**

PROJECT:
**139 WEST WILSON ST
REDEVELOPMENT**

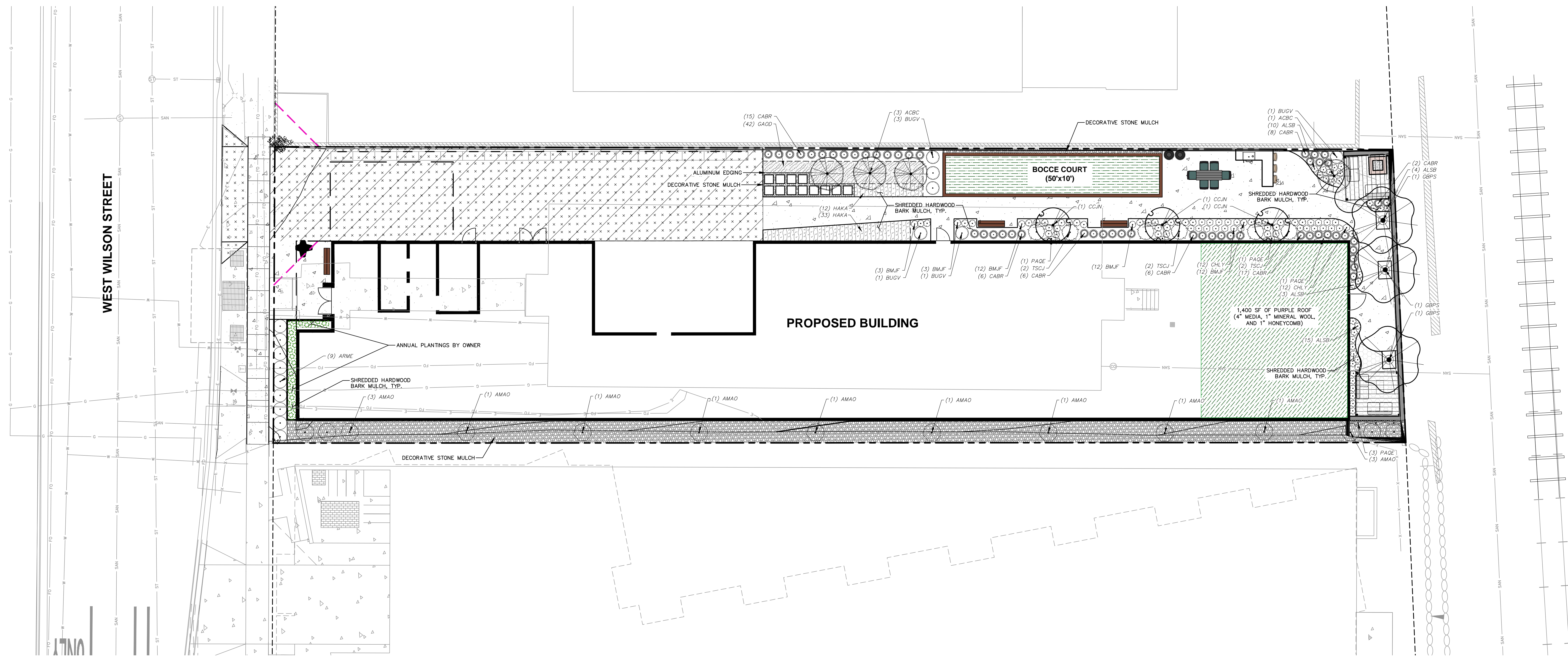
PROJECT LOCATION:
**139 WEST WILSON
MADISON, WI 53703**

PLAN MODIFICATIONS:

#	Date	Description
1	12.19.2022	UDC INITIAL SUBMITTAL
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Designed By: **MAJ**
Reviewed By: **KJT**
Approved By:
SHEET TITLE:
DETAILS

SHEET NUMBER:
C5.0



PLANT SCHEDULE					
DECIDUOUS TREES	CODE	BOTANICAL / COMMON NAME	CONT	SIZE	QTY
	ACBC	<i>Acer saccharum</i> 'Barrett Cole' TM Apollo Sugar Maple	B & B	2.5"Cal	4
	CCJN	<i>Carpinus caroliniana</i> 'J.N. Upright' TM Firespire American Hornbeam	B & B	2.5"Cal	3
	GBPS	<i>Ginkgo biloba</i> 'Princeton Sentry' Princeton Sentry Maidenhair Tree	B & B	2.5"Cal	3
DECIDUOUS SHRUBS	CODE	BOTANICAL / COMMON NAME	CONT	SIZE	QTY
	AMAO	<i>Amelanchier alnifolia</i> 'Obelisk' TM Standing Ovation Serviceberry	B & B	Min. 5' tall	14
	ARME	<i>Aronia melanocarpa</i> 'UCONN165' TM Low Scape Mound Chokeberry	#3	Min. 8"-18"	9
EVERGREEN SHRUBS	CODE	BOTANICAL / COMMON NAME	CONT	SIZE	QTY
	BUGV	<i>Buxus</i> x 'Green Velvet' Green Velvet Boxwood	#3	Min. 12"-24"	6
	TSCJ	<i>Tsuga canadensis</i> 'Jeddalah' Jeddalah Eastern Hemlock	#5	Min. 12"-24"	6
PERENNIALS & GRASSES	CODE	BOTANICAL / COMMON NAME	CONT	SIZE	QTY
	ALSB	<i>Allium</i> x 'Summer Beauty' Summer Beauty Allium	#1	Min. 8"-18"	32
	BMJF	<i>Brunnera macrophylla</i> 'Jack Frost' TM Jack Frost Siberian Bugloss	#1	Min. 8"-18"	42
	CABR	<i>Calamagrostis brachytricha</i> Korean Feather Reed Grass	#1	Min. 8"-18"	52
	CHLY	<i>Chelone lyonii</i> 'Armitpp02' TM Tiny Tortuga Pink Turtlehead	#1	Min. 8"-18"	24
	PAQE	<i>Parthenocissus quinquefolia engelmannii</i> Engelmann Virginia Creeper	#1	Min. 24"-36"	7
GROUND COVERS	CODE	BOTANICAL / COMMON NAME	SPACING	QTY	
	GAOD	<i>Galium odoratum</i> Sweet Woodruff	24" o.c.	42	
	HAKA	<i>Hakonechloa macra</i> 'Aureola' Golden Variegated Forest Grass	24" o.c.	45	

LEGEND	
	PROPERTY LINE
	RIGHT-OF-WAY
	EASEMENT LINE
	BUILDING OUTLINE
	BUILDING OVERHANG
	EDGE OF PAVEMENT
	STANDARD CURB AND GUTTER
	CONCRETE PAVEMENT
	ANNUAL PLANTINGS BY OWNER
	DECORATIVE STONE MULCH
	RETAINING WALL
	TREE UPLIGHTING
	BIKE RACK
	ALUMINUM EDGING

- GENERAL NOTES**
- REFER TO THE EXISTING CONDITIONS SURVEY FOR EXISTING CONDITIONS NOTES AND LEGEND.
 - ALL WORK IN THE ROW SHALL BE IN ACCORDANCE WITH THE MUNICIPAL STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
 - JSD SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER/CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY ANY OR ALL REGULATORY AGENCIES.
 - DRAWING FOR REVIEW - NOT FOR CONSTRUCTION UNLESS OTHERWISE NOTED IN THE TITLE BLOCK.
 - THE LANDSCAPE CONTRACTOR SHALL COORDINATE ALL FINE GRADING AND TOPSOILING WITH GENERAL CONTRACTOR.
 - REFER TO "LANDSCAPE DETAILS AND NOTES" SHEET FOR ADDITIONAL DETAILS, NOTES AND SPECIFICATION INFORMATION INCLUDING MATERIALS, GUARANTEE AND EXECUTION RELATED TO LANDSCAPE PLAN.
 - CONTRACTOR SHALL REVIEW SITE CONDITIONS FOR UTILITY CONFLICTS, DRAINAGE ISSUES, SUBSURFACE ROCK, AND PLANT PLACEMENT CONFLICTS PRIOR TO PLANT INSTALLATION. REPORT ANY CONDITIONS THAT MAY HAVE ADVERSE IMPACT ON PLANTING OPERATIONS TO LANDSCAPE ARCHITECT.
 - DO NOT COMMENCE PLANTING OPERATIONS UNTIL ALL ADJACENT SITE IMPROVEMENTS, IRRIGATION INSTALLATION (IF APPLICABLE), AND FINISH GRADING ARE COMPLETE.

PLAN MODIFICATIONS:		
#	Date:	Description:
1	12.19.2022	UDC INITIAL SUBMITTAL
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Designed By: MRA
Reviewed By: KJY
Approved By:

SHEET TITLE:
LANDSCAPE PLAN

SHEET NUMBER:
L1.0

JSD PROJECT NO: 22-11487

