



City of Fitchburg
 Planning/Zoning Department
 5520 Lacy Road
 Fitchburg, WI 53711
 (608-270-4200)

ARCHITECTURAL & DESIGN REVIEW APPLICATION

Applicant/Contact Person: _____

Address: _____ **Phone Number of Contact Person:** _____

City, State, Zip Code: _____ **Email of Contact Person:** _____

Project Address: _____ **Lot:** _____ **Subdivision:** _____

Project Type: _____ **Multi-Family** _____ **Commercial** _____ **Industrial** _____ **Other**
 _____ **New** _____ **Addition**

Impervious Surface Ratio (ISR): _____ (City Standard: maximum 65% ISR)

All items listed below must be included with the application to be considered complete. If an item is not included with the application, the applicant must provide in writing the basis for not including it. Building and site plans submitted to the Fitchburg Plan Commission for architectural and design review shall contain the following information:

Site Data:

- 1. Lot or property dimensions.
- 2. Orientation (to north).
- 3. Adjacent highways, roads, drive, etc.
- 4. Existing natural features (rivers, ponds, wetlands).
- 5. Existing buildings and/or improvements.
- 6. Existing and proposed site drainage.
- 7. Utility plans, including main/lateral sizes and existing fire hydrants on site or within 300 feet of the site
- 8. ISR shall be indicated on all plans.
- 9. Stormwater management plans and details, including grading plan.
- 10. Lighting plan in footcandles and light fixture cut sheets.

Building:

- 1. Building size, configuration and orientation.
- 2. Distance from lot lines.
- 3. Distance from other buildings, improvements and natural features.
- 4. Location of well, septic tank, drainfield, etc. (if applicable)
- 5. Additional proposed additions or new structures, including trash/recycling enclosure(s).
- 6. Construction type (wood frame, structural steel, etc.).
- 7. Foundation type (full basement, slab on grade, etc.).
- 8. Number of levels.
- 9. Siding/exterior covering type, color, texture, etc.
- 10. Roof type (gable, hip, shed, flat, etc.) and pitch.
- 11. Roofing material type, color, texture, etc.
- 12. Exterior door and window location, size, type, etc.
- 13. Fire protection sprinklers or fire alarm systems.

Ingress, Egress, Parking:

- 1. Location of highway and road access points.
- 2. Location, size, configuration of drivers and walks.
- 3. Number, size, location of parking spaces.
- 4. Location of handicapped parking and accessible building entrances.
- 5. Bicycle rack(s).

Landscaping:

-
-
-
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1. Location, species, size of existing trees, shrubs, and plantings.
2. Location, species, size of proposed plantings.
3. Location and size of all paved, seeded/sodded and gravelled areas.
4. Location of all retaining walls, fences, berms and other landscape features.

***It is highly recommended that an applicant hold at least one neighborhood meeting prior to submitting an ADR application to identify any concerns or issues of surrounding residents.**

The preceding information is considered to be the minimum information for submission, and the City may require additional information for its review. Any interpretations provided by city officials as the result of submitting the attached information are based on the submitted plans, and any plan changes, may affect the interpretations.

It is the responsibility of the owner/applicant to insure compliance with all local and state requirements. The below signed applicant acknowledges the above information and hereby submits the attached information for the City's Architectural and Design Review Process.

Signed: *Daniel J. Motl* Date: 2/16/21
 Applicant or Authorized Agent

***** Application shall be accompanied by one (1) sets of full-size plans, two (2) sets no larger than 11"x17", and one (1) pdf document of the complete submittal to planning@fitchburgwi.gov. Applications are due at least 4 weeks prior to the desired Plan Commission Meeting. The time frame assumes a complete set of plans is provided, and if it is not provided the Plan Commission date will be adjusted.**

FOR CITY USE ONLY

Date Received: _____ Plan Commission Date: _____

Comments:

R/S

RAMLOW / STEIN
ARCHITECTURE + INTERIORS

Ms. Sonja Kruesel, Zoning Administrator/City Planner
City of Fitchburg
Planning/Zoning Department
5520 LACY Road
Fitchburg, Wisconsin, 53711

RE: Promega resubmittal for ADR staff approval.

Dear Ms. Kruesel,

On Behalf of our client, Promega Corporation, we are pleased to transmit the following information for your staffs review and consideration by the City of Fitchburg's Plan Commission. By this application, we are requesting an ADR review for Nobel Drive 5000 and 5010.

Please accept the following documents:

ADR Application
Project Narrative
Floor Plans
Building Elevations
Exterior 3d images
Civil Package
Acoustical report
Parking estimate plan
Photometric Plan

We look forward to working with you, your staff, and Commissioners. Please feel free to contact me with questions. We will work to get the answers and additional information you may require in facilitating the review and approval process. Thanks for your consideration.

Sincerely,



Steve Wellenstein
Uihlein-Wilson Architects, Inc.
414-271-8899
(cell) 414-530-3450

Architectural Design and Review Application submission for Promega Corporation

Proposed additions to 5000 and 5010 Nobel Drive.

Narrative

Promega Corporation is applying for an addition to the west and east ends of 5000 and 5010 Nobel Drive. The project will be adding the additions to house Mechanical spaces and Warehouse spaces for remodeled interior space on the first and second floor. The intent of the mechanical spaces is to house as much of the mechanical equipment inside the building as possible, limiting the amount that is on the roof for easier maintenance, longevity and improved acoustics for neighboring properties.

The warehouse spaces are to consolidated spaces currently spread throughout the facility into one location for better control and access.

The initial proposed facility data includes the following approximate space and parking allocations:

Square Footage

Building (Existing + Additions)	103,500 GSF
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Parking

- Parking stall count (238); this is within the required parking ratio designated by the PD-SIP of 3 -4 stalls per 1,000 sq ft (3.3 stalls/1,000 sq ft). (See attached breakdown of spaces)

The west addition is situated along Nobel Drive, adding onto the length of the building to the west.

The East addition is extending to the North on the back side of the building.

Parking to the Northeast is being reduced to create more green space to the single-family residential units at that location. The site drainage will follow the existing drainage patterns and flow to existing drain locations. The structure will be CMU bearing walls and precast plank floor structure for a non-combustible construction.

The proposed building has the following characteristics:

Construction classification- IIB Fully sprinklered.

Principal exterior materials- Brick, cast stone, metal panel, curtain wall and storefront glazing systems.

RAMLOW / STEIN

ARCHITECTURE + INTERIORS

Employee auto access- will remain as is from Nobel Drive to the rear of the buildings from east and west access roads.

Loading access- will remain as is with a slight shift at the west addition to the new location farther west and North from Nobel Drive to the rear of the building. Moderate truck traffic expected.

Visitor access - Visitor drop-off and visitor parking accessed from Nobel drive using the same lanes as loading and Auto access.

Pedestrian access – from street parking and sidewalks along east and west access drives to main entrances on the North Façade.

Landscape – To match existing landscape with increased grass area at the east parking that is being removed.

Stormwater strategy – utilizing existing systems in place.

In lieu of a EIFS exterior imitation brick façade a real brick will be used at the additions to match the EIFS pattern and color.

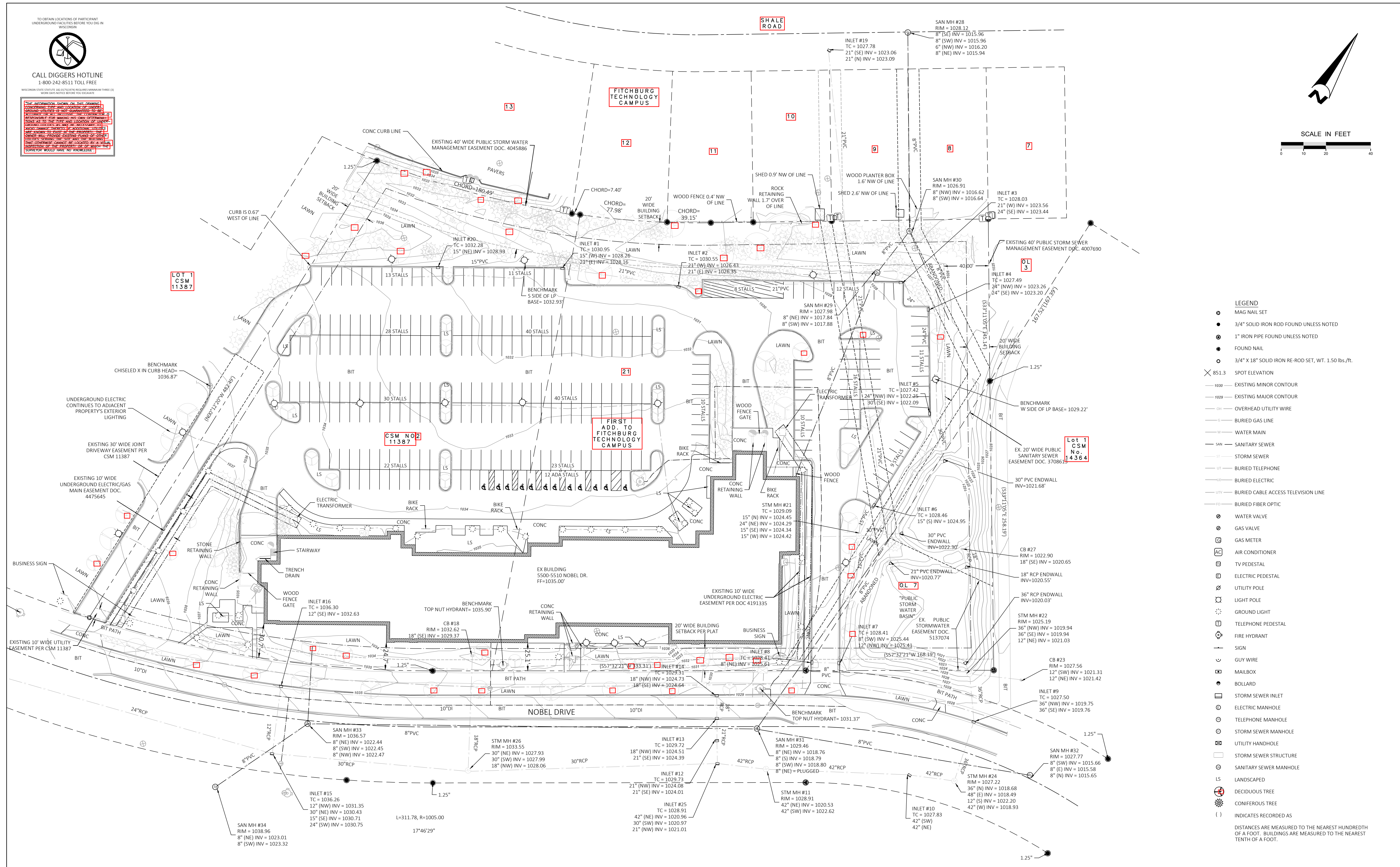
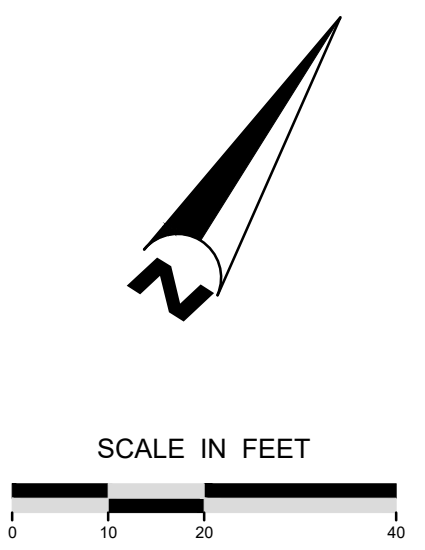
Additional materials used: cast stone, metal panel and curtainwall will match existing finishes, and profiles.

TO OBTAIN LOCATIONS OF PARTICIPANT UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511 TOLL FREE

WISCONSIN STATE STATUTE § 102.01(2)(b) REQUIRES MINIMUM THREE (3) WORK DAYS NOTICE BEFORE YOU DIG ANY

THE INFORMATION SHOWN ON THIS DRAWING IS FOR INFORMATION ONLY. IT IS NOT A CONTRACT DOCUMENT. THE CONTRACTOR SHALL VERIFY THE ACCURACY OF ALL INFORMATION SHOWN ON THIS DRAWING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INFORMATION FROM THE RECORD DRAWINGS AND FIELD SURVEY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INFORMATION FROM THE RECORD DRAWINGS AND FIELD SURVEY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INFORMATION FROM THE RECORD DRAWINGS AND FIELD SURVEY.



- LEGEND**
- MAG NAIL SET
 - 3/4" SOLID IRON ROD FOUND UNLESS NOTED
 - 1" IRON PIPE FOUND UNLESS NOTED
 - FOUND NAIL
 - 3/4" X 18" SOLID IRON RE-ROD SET, WT. 1.50 LBS./FT.
 - × 851.3 SPOT ELEVATION
 - EXISTING MINOR CONTOUR
 - EXISTING MAJOR CONTOUR
 - OVERHEAD UTILITY WIRE
 - BURIED GAS LINE
 - WATER MAIN
 - SANITARY SEWER
 - STORM SEWER
 - BURIED TELEPHONE
 - BURIED ELECTRIC
 - BURIED CABLE ACCESS TELEVISION LINE
 - BURIED FIBER OPTIC
 - ⊕ WATER VALVE
 - ⊕ GAS VALVE
 - ⊕ GAS METER
 - ⊕ AIR CONDITIONER
 - ⊕ TV PEDESTAL
 - ⊕ ELECTRIC PEDESTAL
 - ⊕ UTILITY POLE
 - ⊕ LIGHT POLE
 - ⊕ GROUND LIGHT
 - ⊕ TELEPHONE PEDESTAL
 - ⊕ FIRE HYDRANT
 - ⊕ SIGN
 - ⊕ GUY WIRE
 - ⊕ MAILBOX
 - ⊕ BOLLARD
 - ⊕ STORM SEWER INLET
 - ⊕ ELECTRIC MANHOLE
 - ⊕ TELEPHONE MANHOLE
 - ⊕ STORM SEWER MANHOLE
 - ⊕ UTILITY HANDHOLE
 - ⊕ STORM SEWER STRUCTURE
 - ⊕ SANITARY SEWER MANHOLE
 - ⊕ LANDSCAPED
 - ⊕ DECIDUOUS TREE
 - ⊕ CONIFEROUS TREE
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Plot Date: 02/16/2021
 Drawing Name: P10308_Promega_Corporation_Projects\0005_5500-5510_Nobel_Drive\Drawings\Sheets\C110_Existing_Conditions.dwg
 User: Chris Strickland
 Version: 1

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ISSUE DATE:
02/16/2020

DESIGN BY: CKP DRAWN BY: CKP

FOR PROJECT NO.
1838-0005

EOR Emmons & Olivier Resources, Inc.
 119 SOUTH MAIN ST
 COTTAGE GROVE, WI 53527
 Tele: 608.839.4422
 www.eorinc.com

PROMEGA
 5500-10 NOBEL DRIVE
 FITCHBURG, WI 53711

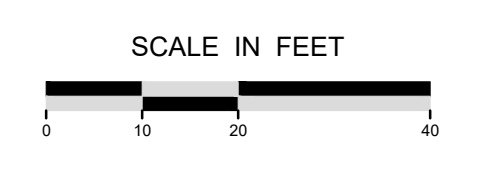
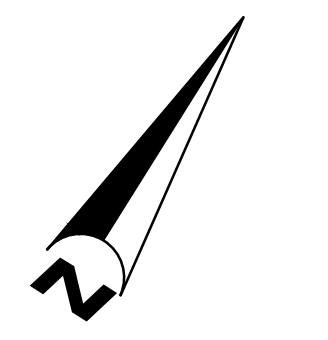
NOBEL DRIVE
 CITY OF FITCHBURG
 DANE CO, WISCONSIN

EXISTING CONDITIONS

C110

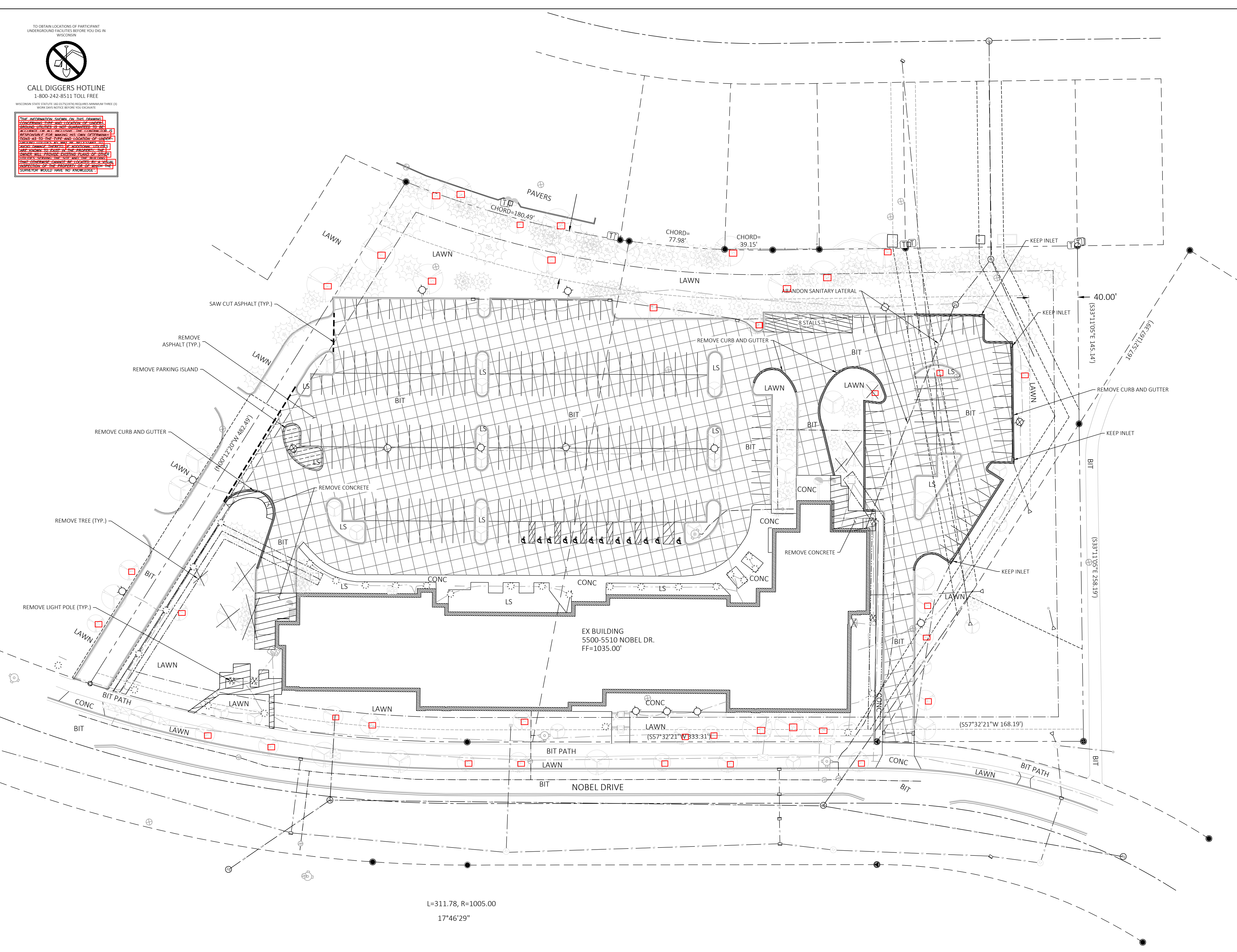
TO OBTAIN LOCATIONS OF PARTICIPANT UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN:
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 1-800-242-8511 TOLL FREE
WISCONSIN STATE STATUTE 90.02(2)(F) REQUIRES MINIMUM THREE (3) WORK DAYS NOTICE BEFORE YOU DIG AHEAD.

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LEGEND

- PROPERTY LINE
- BUILDING SETBACK
- REMOVE ASPHALT
- REMOVE CONCRETE
- REMOVE CURB AND GUTTER
- REMOVE OBJECT



Plot Date: 02/16/2021
 Drawing Path: P:\1838_Promega_Corporation_Projects\0005_5500-5510_Nobel_Drive\Drawings\Sheets\C115 Demolition Plan.dwg
 User: CKP

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NO	DATE	BY	REVISION

ISSUE DATE: 02/16/2021	
DESIGN BY CKP	DRAWN BY CKP
EOR PROJECT NO. 1838-0005	

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 FITCHBURG, WI 53711

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 CITY OF FITCHBURG
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DEMOLITION PLAN

C115

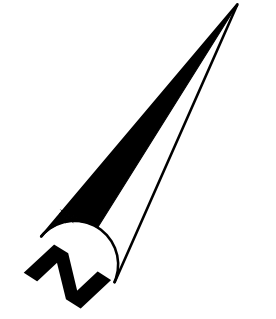
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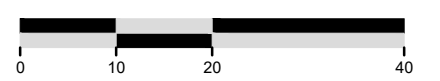
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SCALE IN FEET



LEGEND

- PROPERTY LINE
- - - BUILDING SETBACK
- ▒ PRO ASPHALT
- ▒ PRO CONCRETE

NOTES

1. ALL WORK IN THE RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE CITY OF FITCHBURG STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST ADDITION.
2. ALL DIMENSIONS ARE TO THE FACE OF CURB EXCEPT AS NOTED.
3. ALL RADII ARE TO THE FACE OF CURB.
4. ALL CURB AND GUTTER AND SIDEWALK REPLACEMENT AS REQUIRED BY THE CITY OF FITCHBURG INSPECTOR WITHIN THE ROW SHALL BE INSTALLED PER THE CITY OF FITCHBURG STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST ADDITION.
5. USE 4" WIDE, LATEX BASED, HIGH VISIBILITY PAINT FOR STALL LINES. COORDINATE COLOR WITH OWNER.
6. MARK AND STRIPE ADA PARKING SPACES APPROPRIATELY.
7. SIGNS TO MEET MANUAL ON UNIFORM TRAFFIC CONTROL AS TO COLOR, LETTERING AND DIMENSIONS AND SHALL BE INSTALLED AT A HEIGHT OF SEVEN FEET.
8. PROVIDE SIDEWALK CONSTRUCTION JOINTS AT EVEN SPACING AT A DISTANCE APART EQUAL TO THE SIDEWALK WIDTH AND AS IS TYPICAL IN CONCRETE CONSTRUCTION.
9. A CITY OF FITCHBURG STREET OPENING PERMIT IS REQUIRED FOR ALL WORK WITHIN THE RIGHT OF WAY.

SITE INFORMATION

SITE ADDRESS: 5500-5510 NOBEL DRIVE
LOT ACREAGE: 6.55 AC
USE OF PROPERTY: INDUSTRIAL
ZONING: GENERAL INDUSTRIAL

SETBACKS:
FRONT YARD: 20 FT
REAR YARD: 20 FT
SIDE YARD: 20 FT

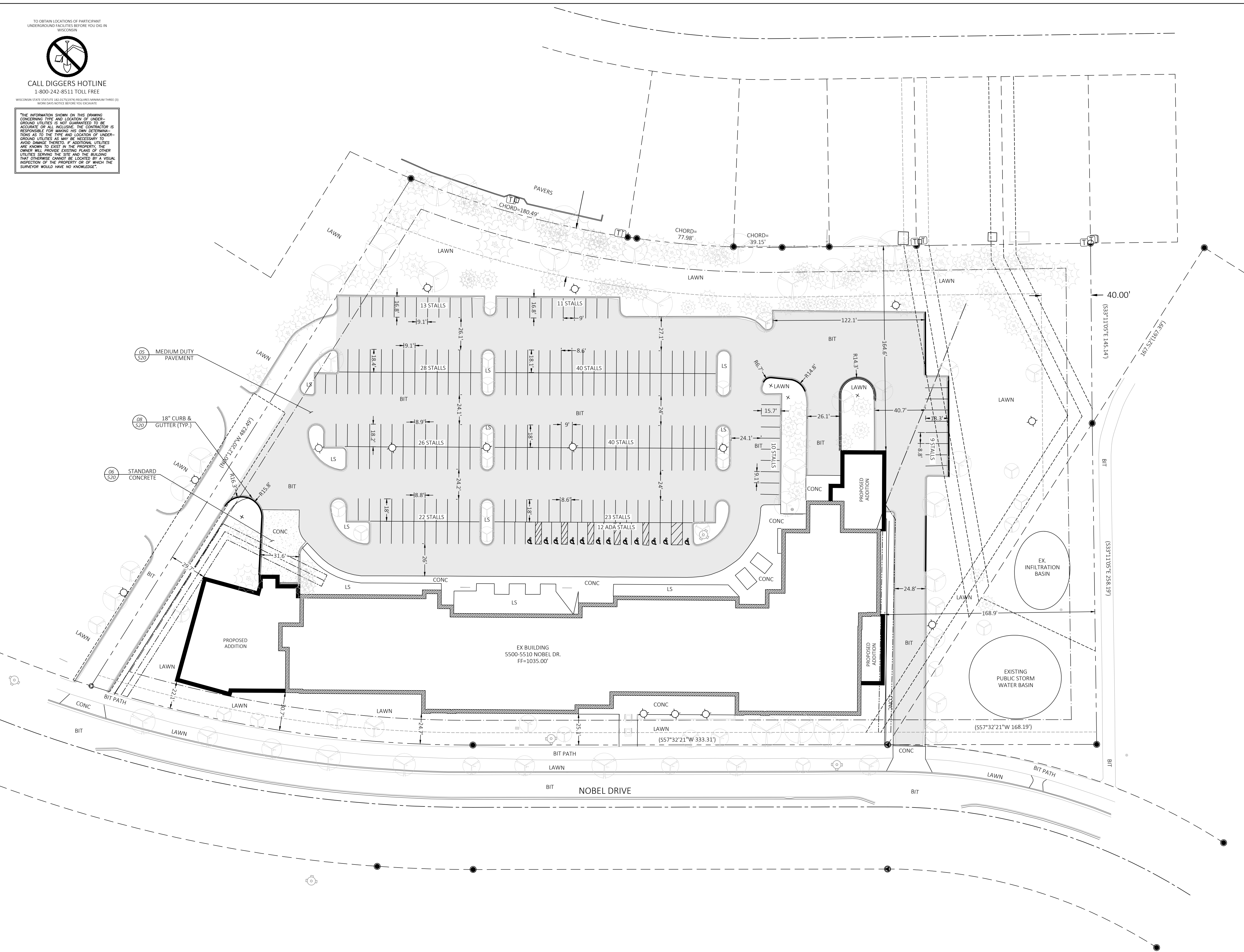
MAXIMUM LOT AREA COVERAGE: 60%
MINIMUM OPEN SPACE REQUIRED: 40%

EXISTING IMPERVIOUS SURFACE AREA: 173,365 SQ.FT.
PROPOSED IMPERVIOUS SURFACE AREA: 171,124 SQ.FT.

PERCENT LOT IMPERVIOUS:
EXISTING: 60.76 %
PROPOSED: 59.98 %

OPEN SPACE
EXISTING: 39.24 %
PROPOSED: 40.02 %

TOTAL NUMBER OF PARKING STALLS: 238
NUMBER OF STALLS DESIGNATED ACCESSIBLE: 12
DISTURBANCE LIMITS: 218,277 SQ.FT.



Plot Date: 02/16/2021
 Drawing Name: P:\0508_Promega_Corporation_Projects\0005_5500-5510_Nobel_Drive\Drawings\Sheets\C120_Site_Plan.dwg
 User: Chris Smith - E:\engines

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ISSUE DATE:
02/16/2021

DESIGN BY: CKP DRAWN BY: CKP

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PROMEGA
5500-10 NOBEL DRIVE
FITCHBURG, WI 53711

NOBEL DRIVE
CITY OF FITCHBURG
DANE CO, WISCONSIN

SITE PLAN

C120

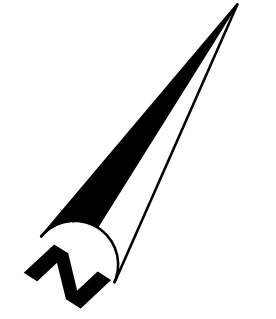
TO OBTAIN LOCATIONS OF PARTICIPANT UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN:



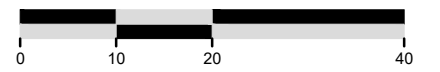
CALL DIGGERS HOTLINE
1-800-242-8511 TOLL FREE

WISCONSIN STATE STATUTE S.B. 1070 (2000) REQUIRES MINIMUM THREE (3) WORK DAYS NOTICE BEFORE YOU DIG ANYTIME.

THE INFORMATION SHOWN ON THIS DRAWING CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR COMPLETE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATIONS AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THEREOF. IF ADDITIONAL UTILITIES ARE KNOWN TO EXIST IN THE PROPERTY, THE OWNER WILL PROVIDE EXISTING PLANS OF OTHER UTILITIES SERVING THE SITE AND THE BUILDING THAT OTHERWISE CANNOT BE LOCATED BY A VISUAL INSPECTION OF THE PROPERTY OR OF WHICH THE SURVEYOR WOULD HAVE NO KNOWLEDGE.



SCALE IN FEET

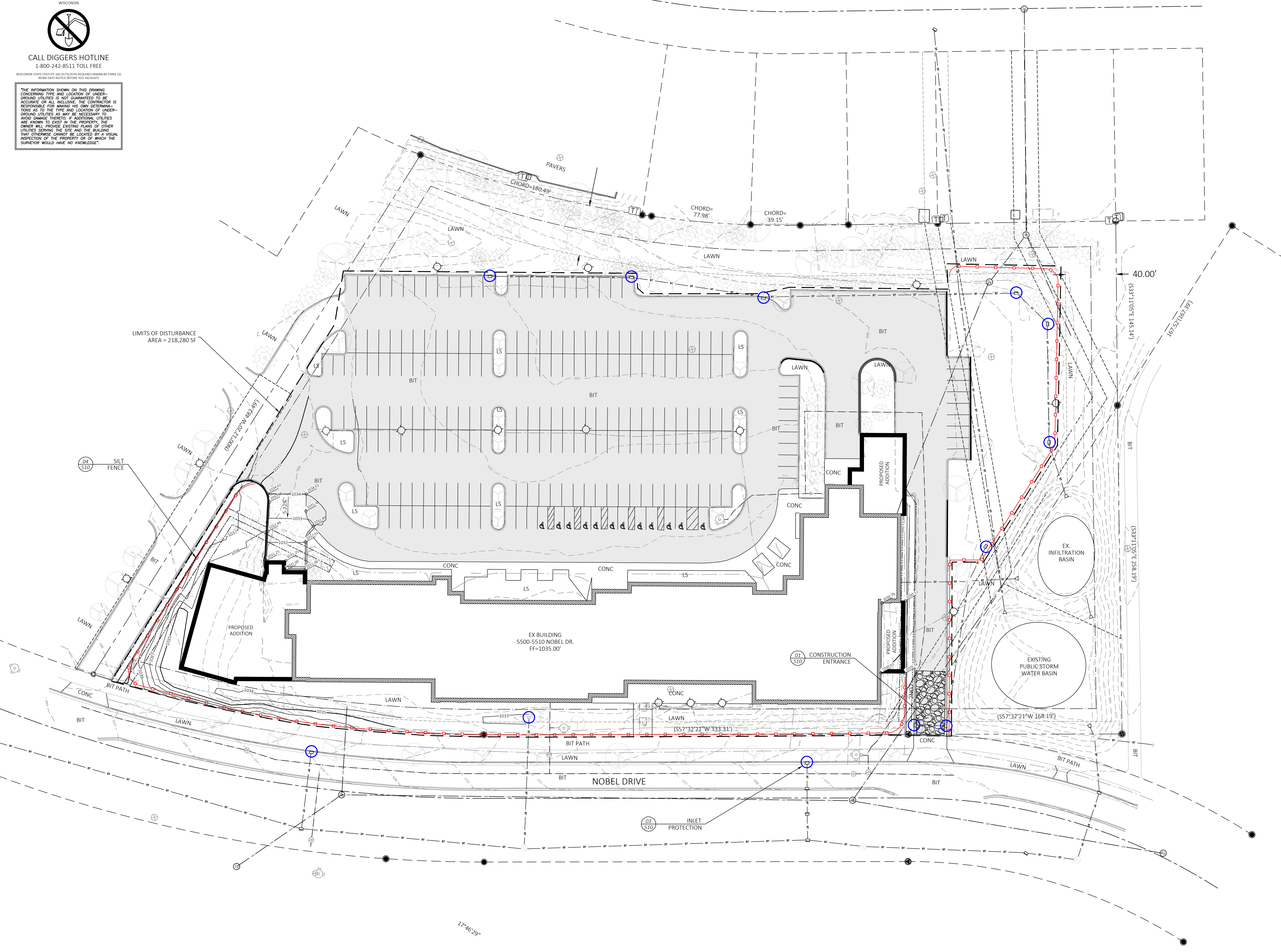


LEGEND

- PROPERTY LINE
- - - BUILDING SETBACK
- STORM SEWER
- - - EXISTING MINOR CONTOURS
- - - EXISTING MAJOR CONTOURS (5-FT)
- - - PROPOSED MINOR CONTOURS
- - - PROPOSED MAJOR CONTOURS (5-FT)
- SILT FENCE
- STONE CONSTRUCTION ENTRANCE
- INLET PROTECTION
- CLASS I, TYPE A URBAN
- CLASS II, TYPE C

CONSTRUCTION SITE EROSION CONTROL REQUIREMENTS

1. ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE CURRENT WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR) EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS (dnr.wis.gov).
2. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO SITE DISTURBANCE.
3. ENGINEER / CITY OF FITCHBURG HAS THE RIGHT TO REQUIRE OWNER / CONTRACTOR TO IMPLEMENT ADDITIONAL EROSION CONTROL MEASURES AS NECESSARY.
4. EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSPECTED ONCE PER WEEK AND FOLLOWING EACH RAINFALL EVENT. INSPECTION REPORTING SHALL BE IN ACCORDANCE WITH CITY OF FITCHBURG REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN EROSION AND SEDIMENT CONTROL PRACTICES IN WORKING ORDER.
6. DEWATERING PRACTICES SHALL COMPLY WITH TECHNICAL STANDARD 1061.
7. ALL SLOPES EXCEEDING 20% (5:1) SHALL BE STABILIZED WITH A CLASS I, TYPE A URBAN EROSION MAT.
8. ALL SWALES SHALL BE STABILIZED WITH A CLASS II, TYPE C EROSION MAT.
9. DUST CONTROL SHALL BE MITIGATED IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1068.
10. TRACKED SOIL FROM THE SITE TO STREETS SHALL BE REMOVED AT THE END OF EACH WORKDAY OR AS DIRECTED BY THE CITY ENGINEER.
11. ALL DISTURBED AREAS SHALL BE SEED AND MULCHED IMMEDIATELY FOLLOWING FINAL GRADING ACTIVITIES.
12. SEED MIX AND RATE SHALL BE, AT A MINIMUM, IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1059.



Plot Date: 02/16/2021
 Drawing Title: Promega Corporation - Projects\0005_5500-5510_Nobel_Drive\Drawings\Sheets\C130 Grading Plan.dwg
 User: Chris Smith - E:\Engineering

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DESIGN BY: CKP DRAWN BY: CKP

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NOBEL DRIVE
 CITY OF FITCHBURG
 DANE CO, WISCONSIN

GRADING AND EROSION CONTROL PLAN

C130

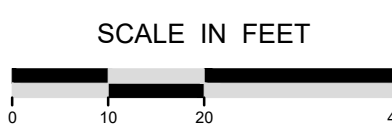
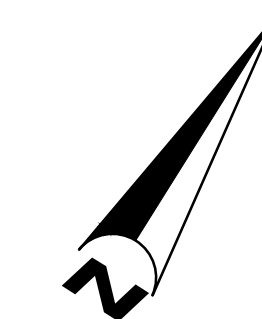
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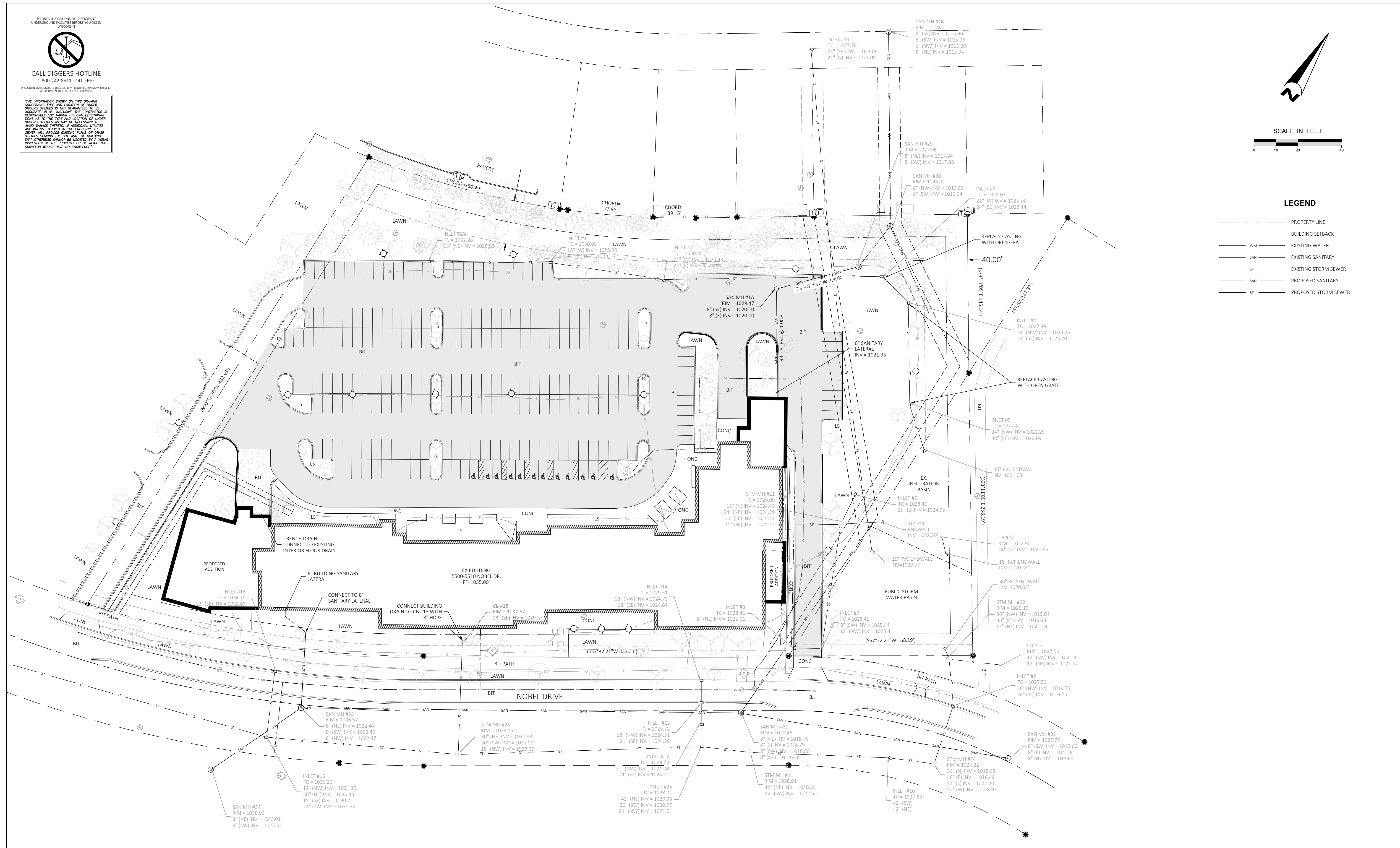
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LEGEND

- PROPERTY LINE
- BUILDING SETBACK
- WM --- EXISTING WATER
- ST --- EXISTING SANITARY
- ST --- EXISTING STORM SEWER
- SAN --- PROPOSED SANITARY
- ST --- PROPOSED STORM SEWER



Plot Date: 02/16/2021
 Drawing Name: P:\0208_Promega_Corporation_Projects\0005_5500-5510_Nobel_Drive\Drawings\Sheets\C140_Utility_Plan.dwg
 User: Chris Smith
 Engineer:

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PROMEGA
 5500-10 NOBEL DRIVE
 FITCHBURG, WI 53711

NOBEL DRIVE
 CITY OF FITCHBURG
 DANE CO, WISCONSIN

UTILITY PLAN

C140

MATERIAL NOTES

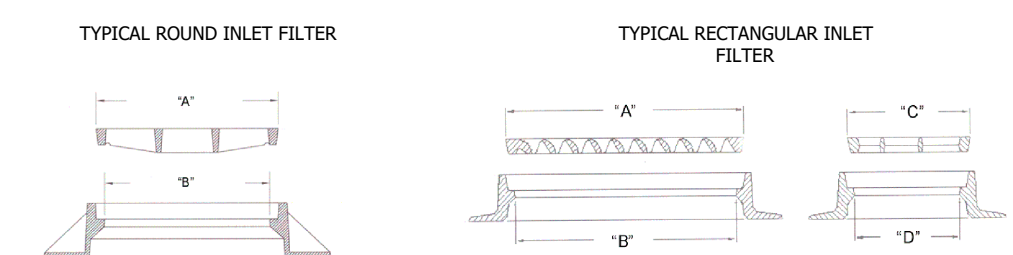
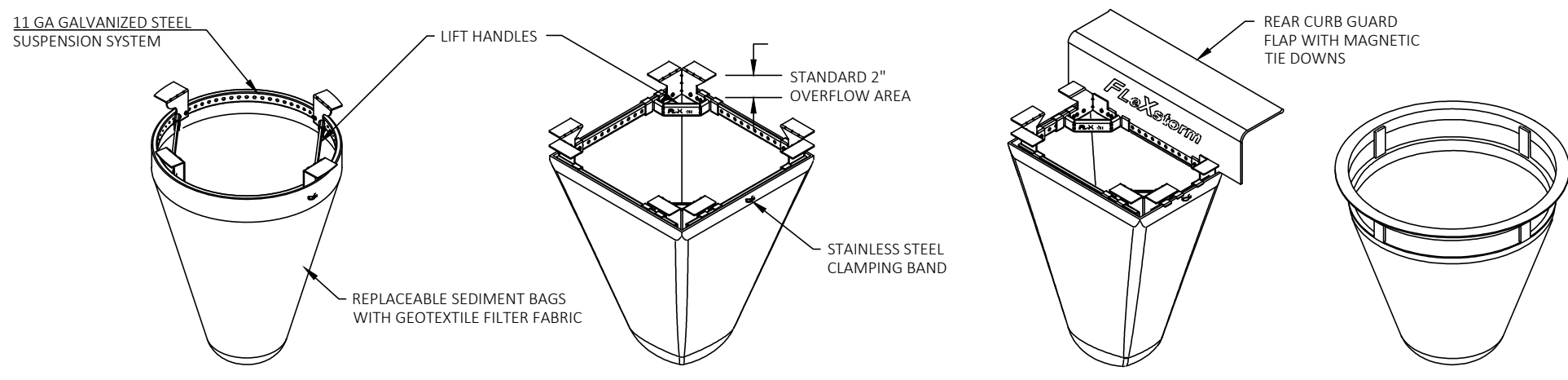
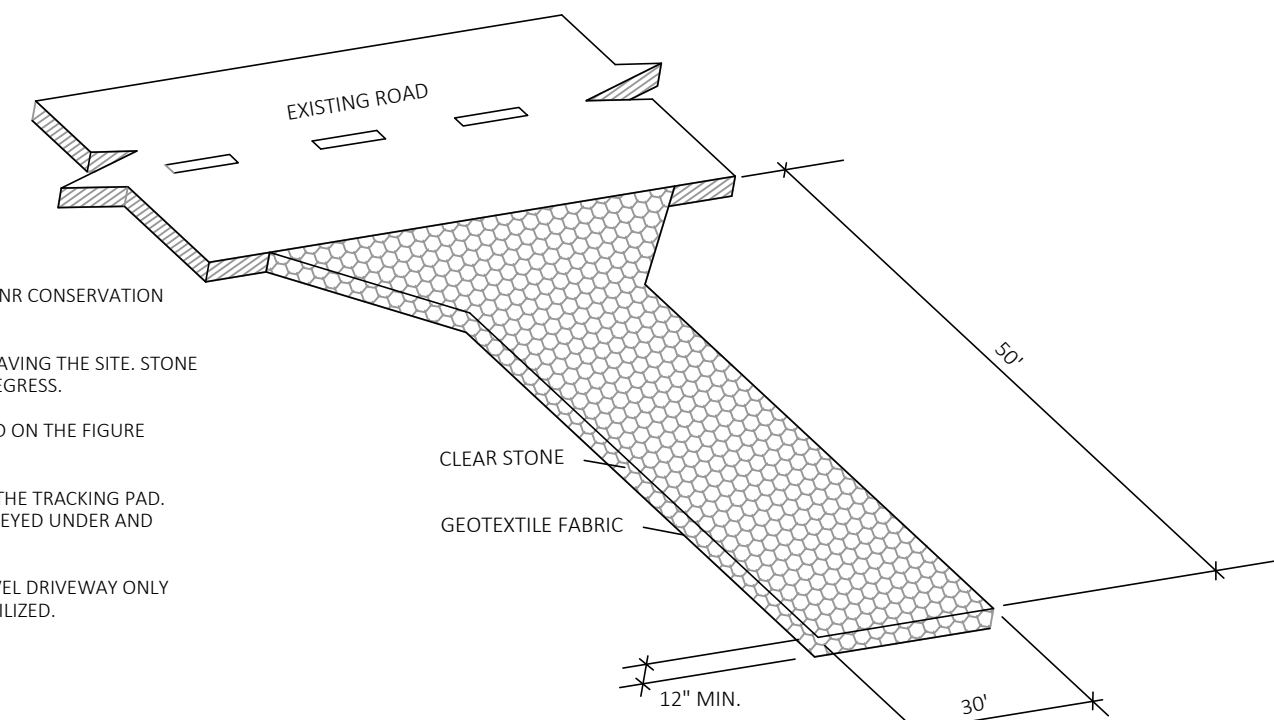
1. THE AGGREGATE FOR TRACKING PAD SHALL BE 3'-6" CLEAR STONE.
2. THE TRACKING PAD SHALL BE UNDERLAIN WITH A WOOD TYPE HR GEOTEXTILE FABRIC.

INSTALLATION NOTES

1. INSTALLATION SHALL CONFORM WITH THE REQUIREMENTS OF WDNR CONSERVATION PRACTICE STANDARD 1057.
2. THE TRACKING PAD SHALL BE INSTALLED PRIOR TO ANY TRAFFIC LEAVING THE SITE. STONE TRACKING PAD SHALL BE USED AT ALL POINTS OF CONSTRUCTION EGRESS.
3. DIMENSIONS OF THE TRACKING PAD SHALL BE MINIMUM AS NOTED ON THE FIGURE ABOVE.
4. SURFACE WATER SHALL BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY FROM TRACKING PADS OR CONVEYED UNDER AND AROUND THEM USING CULVERTS OR OTHER PRACTICES.
5. TRACKING PAD SHALL BE REMOVED OR INCORPORATED INTO GRAVEL DRIVEWAY ONLY AFTER CONSTRUCTION IS COMPLETE AND THE SITE HAS BEEN STABILIZED.

INSPECTION & MAINTENANCE NOTES

1. STONE TRACKING PADS 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.
2. ADDITIONAL AGGREGATE SHALL BE PLACED IF THE TRACKING PAD BECOMES BURIED OR IF SEDIMENT IS NOT BEING REMOVED EFFECTIVELY FROM THE VEHICLE TIRES.
3. A MINIMUM 30-FOOT WIDE BY 50-FOOT LONG BY 12-INCH THICK PAD SHALL BE MAINTAINED AT ALL TIMES.
4. THE TRACKING PAD PERFORMANCE SHALL BE MAINTAINED BY SCRAPING OR TOP-DRESSING WITH ADDITIONAL AGGREGATE.
5. ANY SEDIMENT TRACKED ONTO A PUBLIC OR PRIVATE ROAD SHOULD BE REMOVED BY STREET CLEANING AT THE END OF EACH WORKING DAY.
6. MAINTENANCE SHALL BE COMPLETED AS SOON AS POSSIBLE WITH CONSIDERATION FOR SITE CONDITIONS.



1. IDENTIFY YOUR FRAME STYLE AND SIZE

STYLE	FRAME STYLE AND SIZE	Frame P/N
ROUND	Small Round (up to 20.0" dia grates (A) dia)	62SRD
	Med Round (20.1" - 26.0" dia grates (A) up to 25" dia openings (B))	62MRD
	Large Round (26.1" - 32.0" dia grates (A) up to 30" dia openings (B))	62LRD
RECT / SQUARE	XL Rect / Square (32.1" dia - 39" dia grates (A) up to 37" dia openings (B))	62XLRB
	Small Rect / Square (up to 16" (B) x 16" (D) openings or 64" perimeter)	62SRQ
	Med Rect / Square (up to 24" (B) x 24" (D) openings or 96" perimeter)	62MSQ
COMBO INLETS	Large Rect / Square (up to 36" (B) x 24" (D) openings or 120" perimeter)	62LSQ
	XL Rect / Square (48" by 24" side 2:2 set to fit up to 48" (B) x 36" (D) openings)	62XLQB
	Small Rect / Square (ref Rect sizing; shipped with Magnetic Curb Flaps)	62SCB
NYLOPLAST	Med Rect / Square (ref Rect sizing; shipped with Magnetic Curb Flaps)	62MCRB
	Large Rect / Square (ref Rect sizing; shipped with Magnetic Curb Flaps)	62LCB
	XL Rect / Square (ref Rect sizing; shipped with Magnetic Curb Flaps)	62XLQB
NYLOPLAST	12" diameter Nyloplast castings (Stainless Steel Framing standard)	6212NY
	15" diameter Nyloplast castings (Stainless Steel Framing standard)	6215NY
	18" diameter Nyloplast castings (Stainless Steel Framing standard)	6218NY
	24" diameter Nyloplast castings (Stainless Steel Framing standard)	6224NY
30" diameter Nyloplast castings (Stainless Steel Framing standard)	6230NY	

GENERAL NOTES

1. INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.
2. WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

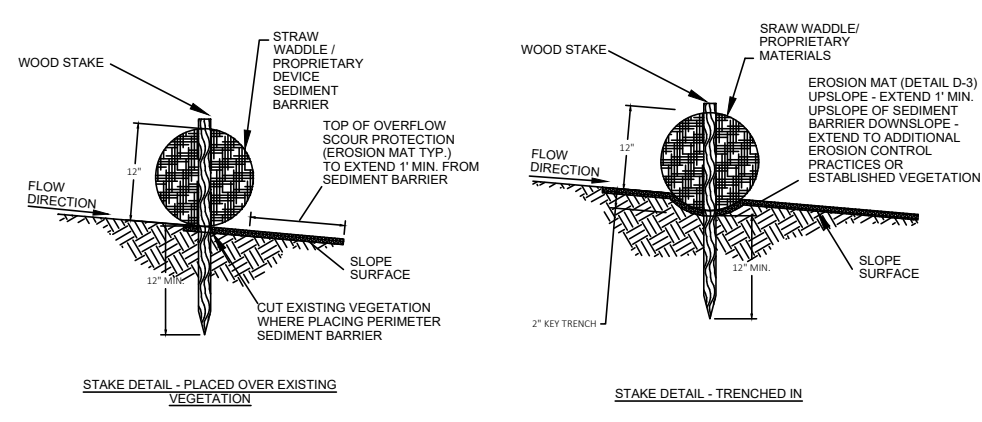
INSTALLATION NOTES

1. REMOVE GRATE.
2. DROP FLEXSTORM INLET FILTER ONTO LOAD BEARING LIP OF CASTING OR CONCRETE STRUCTURE.
3. REPLACE GRATE.

SPECIFICATIONS FOR STANDARD BAGS BY NOMINAL SIZE

Nominal Bag Size	Solids Storage (Cu Ft)	Filtered Flow Rate at 50% Max (CFS)	IL (NonWoven)
Small	1.6	1.2	0.9
Medium	2.1	1.7	1.3
Large	3.8	2.7	1.9
XL	4.2	3.6	2.6

01 C510 STONE TRACKING PAD



MATERIAL NOTES

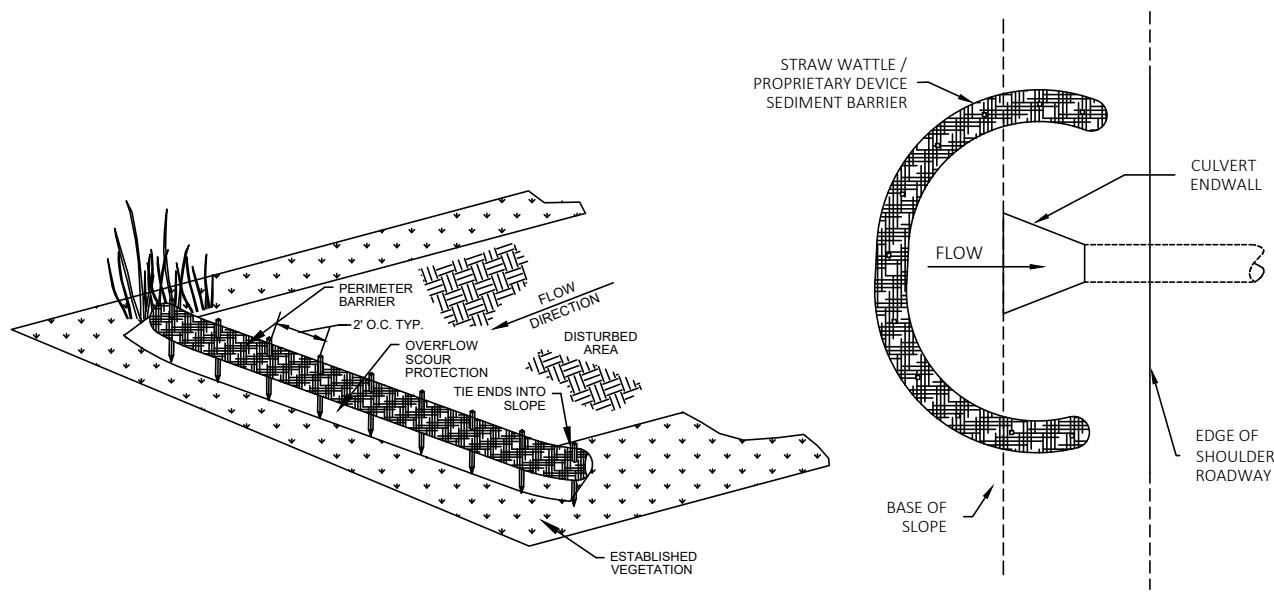
1. PERIMETER SEDIMENT CONTROL PRACTICES SHALL CONSIST OF STRAW WATTLES OR PROPRIETARY MATERIALS.
2. EROSION MAT SHALL BE SELECTED AND INSTALLED PER THE REQUIREMENTS LISTED IN STANDARD DETAIL D2.
3. WOOD STAKES SHALL BE AIR OR KILN DRIED HICKORY OR OAK WITH THE FOLLOWING DIMENSIONS: 1 1/2" X 1 1/2" X REQUIRED LENGTH

INSTALLATION NOTES

1. INSTALLATION SHALL CONFORM WITH THE REQUIREMENTS OF APPLICABLE WDNR CONSERVATION PRACTICE STANDARDS.
2. PROPRIETARY MATERIALS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
3. WHEN JOINTS ARE NECESSARY, OVERLAP AND SECURE TO MINIMIZE POTENTIAL FOR CONCENTRATED FLOW.
4. INSTALL ALL PERIMETER SEDIMENT CONTROL PRACTICES SUCH THAT THE ENDS TIE INTO THE SLOPE TO PREVENT EROSION FROM CONCENTRATED FLOW AROUND THE ENDS.
5. PERIMETER SEDIMENT CONTROL PRACTICES SHOULD BE USED IN CONJUNCTION WITH PERMANENT RESTORATION PRACTICES.
6. WHEN NOT USED IN CONJUNCTION WITH OTHER PRACTICES, INSTALL PERIMETER SEDIMENT CONTROL PRACTICES PER THE SPACING REQUIREMENTS (DISTURBED SLOPE LENGTH) NOTED IN THE FOLLOWING TABLE:

SLOPE	SPACING
<2%	100 FEET
2-5%	75 FEET
5-10%	50 FEET
10-33%	25 FEET
>33%	20 FEET

02 C510 SILT SOCK



03 C510 INLET PROTECTION, FRAMED (FLEXSTORM CATCH-IT)

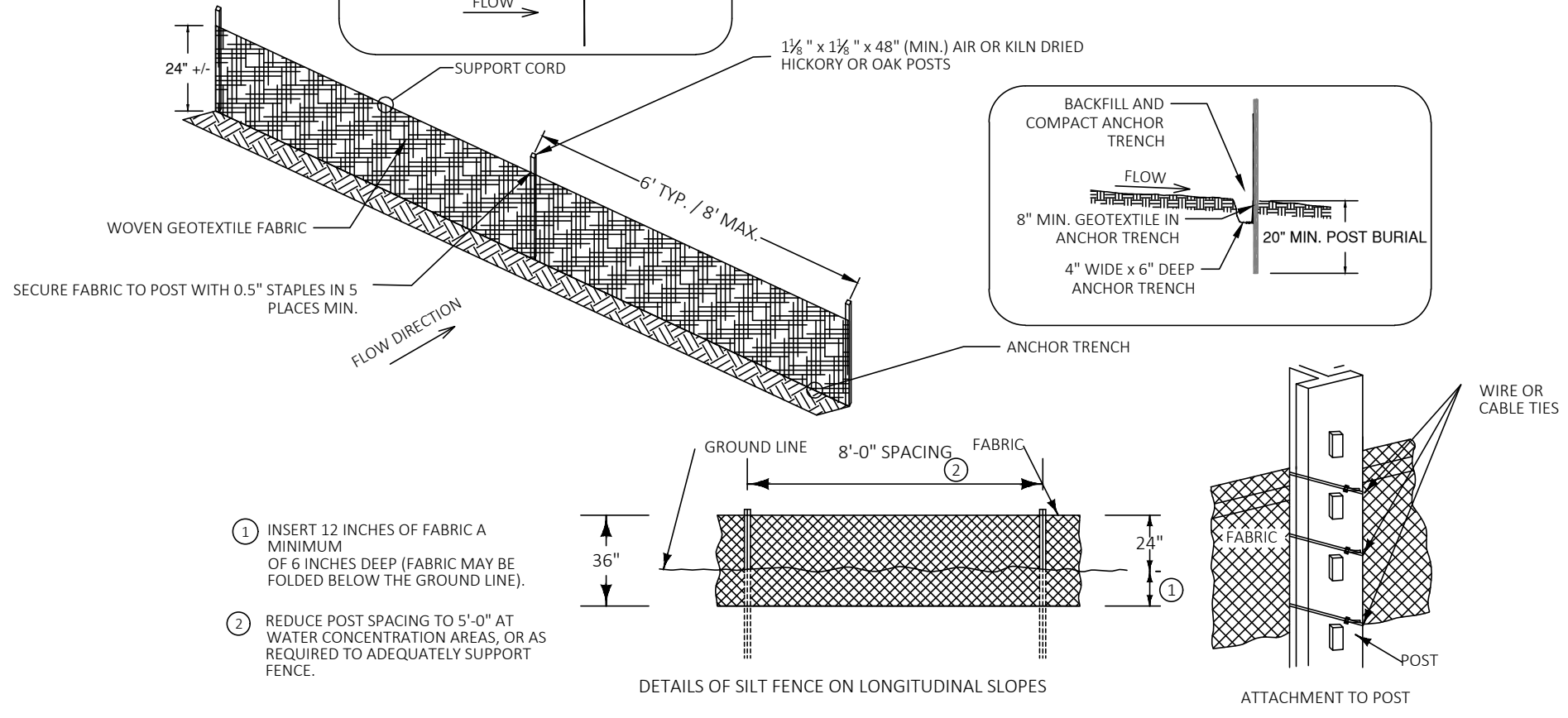
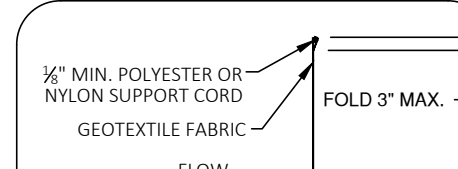
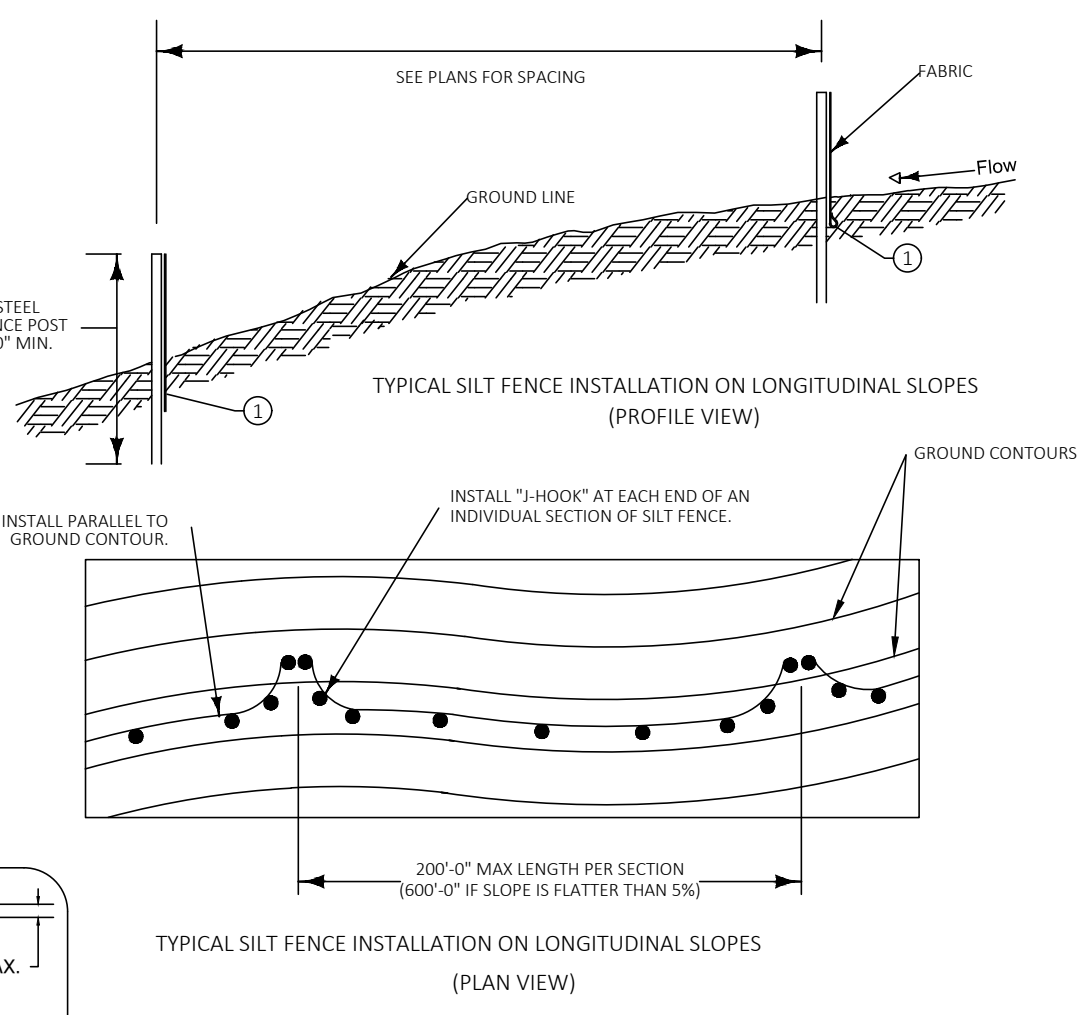
MATERIAL NOTES

1. GEOTEXTILE FABRIC SHALL BE WOVEN AND SHALL CONFORM TO THE MATERIAL REQUIREMENTS LISTED IN SECTION 628 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, 2018 EDITION.

INSTALLATION NOTES

1. INSTALLATION SHALL CONFORM WITH THE REQUIREMENTS OF WDNR CONSERVATION PRACTICE STANDARD 1056.
2. CONSTRUCT THE SILT FENCE IN AN ARC WITH THE ENDS POINTING UPSLOPE TO AVOID EROSION AROUND THE ENDS OF THE FENCE.
3. FAILURE TO PROPERLY ANCHOR SILT FENCE COULD RESULT IN WATER AND SEDIMENT RELEASE BENEATH THE SILT FENCE.
4. CONSTRUCT THE FENCE FROM A CONTINUOUS ROLL OF GEOTEXTILE TO AVOID JOINTS. WHERE JOINTS ARE NECESSARY, OVERLAP TO THE NEXT POST OR WIRE ADJOINING FABRICS TOGETHER AROUND THE JOINT POST AND TIGHTLY FASTEN.
5. SILT FENCE SHALL NOT BE USED IN AREAS OF CONCENTRATED FLOW.
6. WHEN NOT USED IN CONJUNCTION WITH OTHER PRACTICES, INSTALL SILT FENCE PER THE SPACING REQUIREMENTS OF THE FOLLOWING TABLE:

SLOPE	FENCE SPACING
<2%	100 FEET
2-5%	75 FEET
5-10%	50 FEET
10-33%	25 FEET
>33%	20 FEET



04 C510 SILT FENCE

NO	DATE	BY	REVISION
5			
4			
3			
2			
1			
0	02/16/2021	CKP	ARCHITECTURAL DESIGN REVIEW DRAWINGS

ISSUE DATE: 02/16/2021
DESIGN BY CKP
DRAWN BY CKP
EOR PROJECT NO. 1838-0005

EOR Emmons & Olivier Resources, Inc.
119 SOUTH MAIN ST
COTTAGE GROVE, WI 53527
ecology Tele: 608.839.4422
community www.eorinc.com

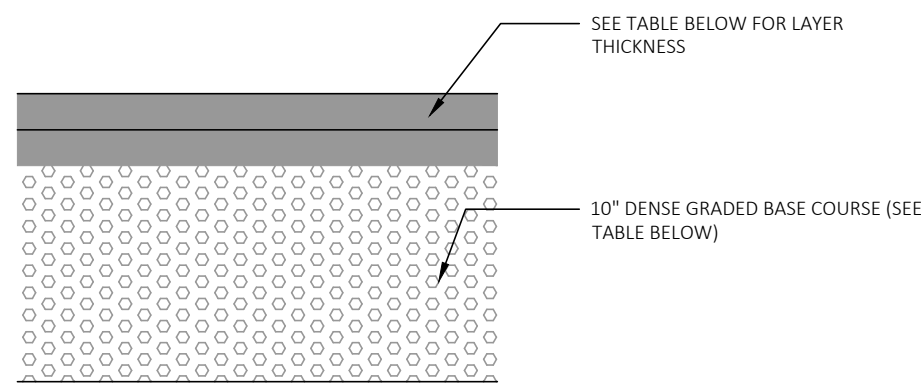
PROMEGA
5500-10 NOBEL DRIVE
FITCHBURG, WI 53711

NOBEL DRIVE
CITY OF FITCHBURG
DANE CO, WISCONSIN

EROSION CONTROL DETAILS

C510

Plot Date: 02/16/2021 Drawing name: P1838_Promega_Corporation_Projects\0005_5500-10_Nobel_Drive\Drawings\Sheets\C510 Erosion Control Details.dwg

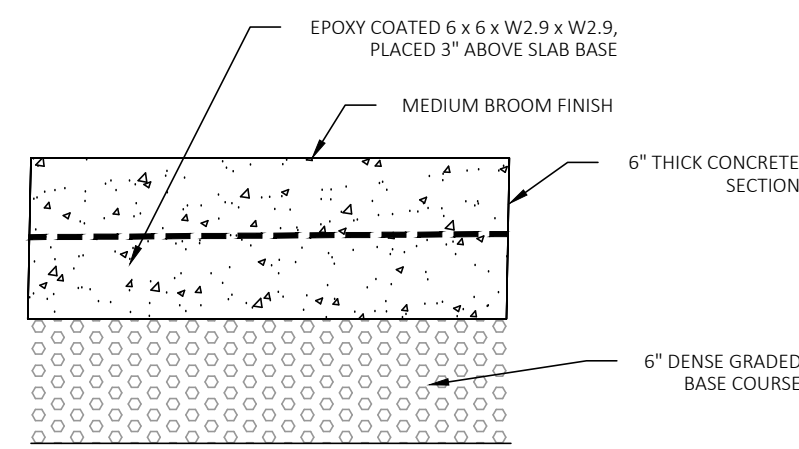


RECOMMENDED MEDIUM-DUTY PAVEMENT SECTION		
MATERIAL	LAYER THICKNESS, IN.	WDOT SPECIFICATION
BITUMINOUS UPPER LAYER (SURFACE COURSE)	1.75	SECTION 460, TABLE 460-1, 9.5 mm
BITUMINOUS LOWER LAYER (BINDER COURSE)	2.25	SECTION 460, TABLE 460-1, 12.5 mm
DENSE GRADED BASE COURSE	10	SECTIONS 301 AND 305, 3 in AND 1-1/4 in
TOTAL THICKNESS	14	

NOTES:

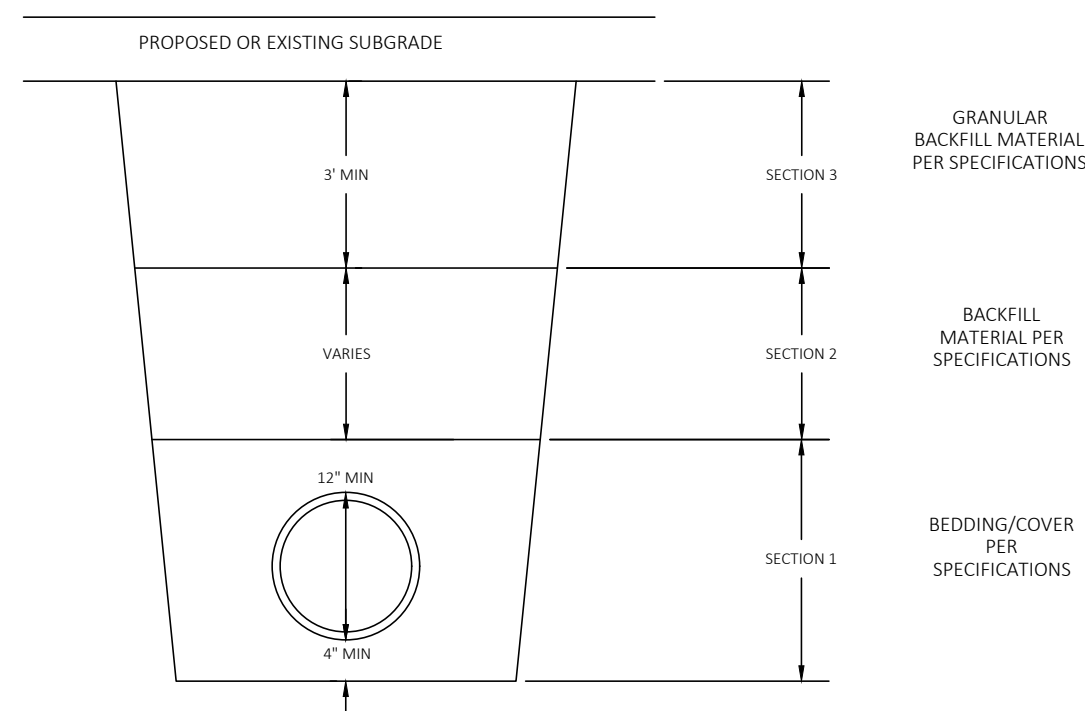
1. WISCONSIN DOT STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, LATEST EDITION, INCLUDING SUPPLEMENT SPECIFICATIONS, BUT EXCLUDING LIMITATIONS IN SECTION 460.3.2 RESTRICTING LAYER THICKNESS BY AGGREGATE SIZE.
2. COMPACTION REQUIREMENTS:
-BITUMINOUS CONCRETE: REFER TO SECTION 460-3
-BASE COURSE: REFER TO SECTION 301.3.4.2, STANDARD COMPACTION
3. MIXTURE TYPE LT (OR E-0.3) BITUMINOUS PAVEMENT IS RECOMMENDED; REFER TO SECTION 460 LABEL 460-2 OF THE STANDARD SPECIFICATIONS
4. THE UPPER 4 IN SHOULD CONSIST OF 1 1/4 IN DGB; THE BOTTOM PART OF THE LAYER CAN CONSIST OF 3 IN DGB.

05 MEDIUM PAVEMENT SECTION



1. ALTERNATIVE TO WELDED MESH: PROPEX NOVOMESH 950 (OR EQUIVALENT APPROVED BY ENGINEER) APPLIED AT A RATE OF 7 LBS PER CUBIC YARD.
2. SOFT CUT SAW CONTROL JOINTS TO 1/4 PAVEMENT DEPTH AT 20' O.C.

06 STANDARD CONCRETE SECTION



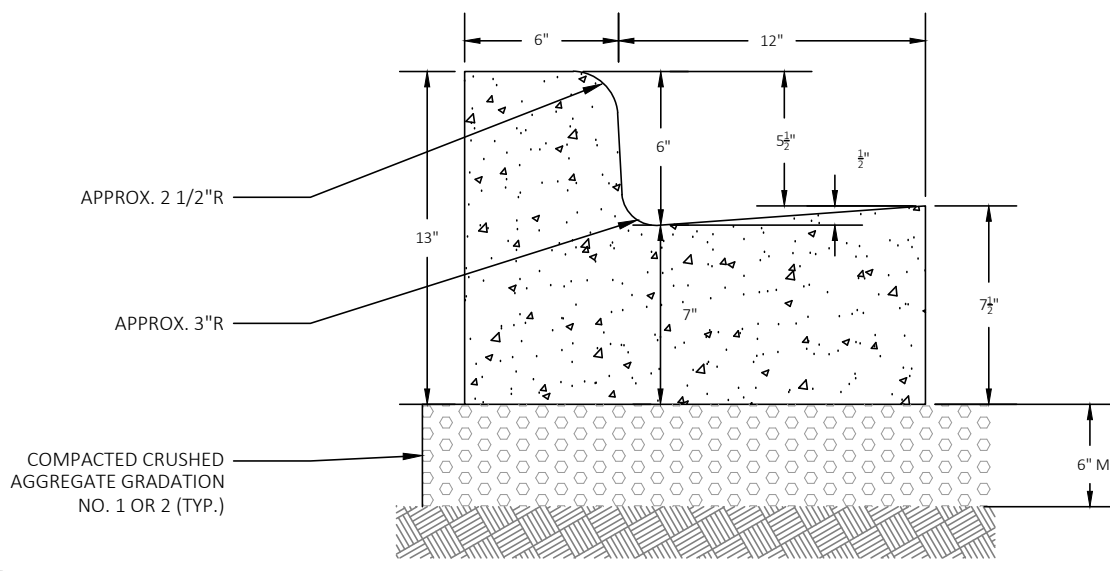
STANDARD TRENCH COMPACTION
ALL BACKFILL MATERIAL SHALL BE PLACED IN LIFTS NOT TO EXCEED 12" BEFORE COMPACTION UNLESS AUTHORIZED BY THE ENGINEER DUE TO THE CHARACTER OF THE MATERIAL AND THE COMPACTION EQUIPMENT. EACH LIFT SHALL BE MECHANICALLY COMPACTED TO THE REQUIRED DENSITY PRIOR TO PLACING SUCCEEDING LIFTS OF BACKFILL MATERIAL.

SECTION 1:
MECHANICALLY COMPACTED BEDDING AS REQUIRED BY THE SPECIFICATIONS. COMPACTION ACHIEVED WITH SMALLER PLATE COMPACTOR.

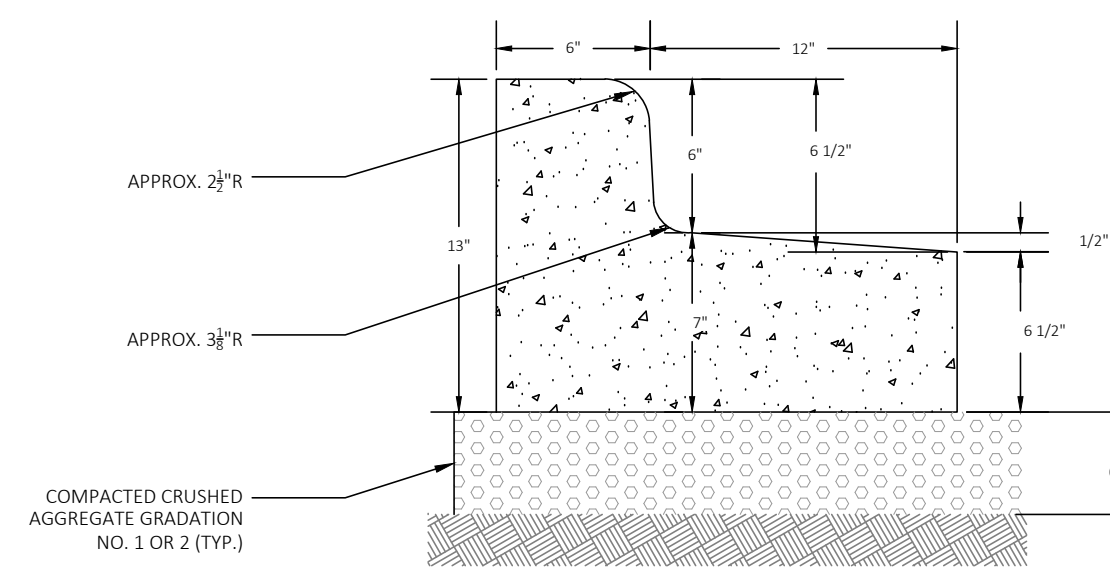
SECTION 2:
MINIMUM COMPACTION 90% MAXIMUM DENSITY. COMPACTION OF BACKFILL WITH BOMAG OR HDG-PAC SHALL NOT BEGIN UNTIL THE DEPTH OF BACKFILL MATERIAL IS TWO (2) FEET ABOVE THE TOP OF PIPE.

SECTION 3:
MINIMUM COMPACTION 95% MAXIMUM DENSITY

07 SANITARY SEWER AND PLASTIC STORM SEWER



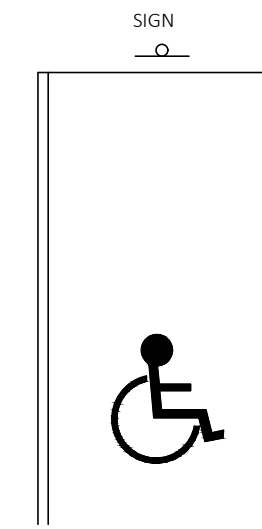
08 18" STANDARD CURB AND GUTTER



NOTES:

1. WISCONSIN DOT STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, LATEST EDITION, INCLUDING SUPPLEMENT SPECIFICATIONS: REFER TO SECTION 501 FOR CONCRETE
2. COMPACTION REQUIREMENTS:
-BASE COURSE: REFER TO SECTION 301.3.4.2, STANDARD COMPACTION
3. CONSTRUCTION SHALL CONFORM TO SECTION 601, CONCRETE CURB AND GUTTER
4. NOTES APPLY TO ALL CURB TYPES

09 18" REJECT CURB AND GUTTER



PAVEMENT SHALL BE A MAX 2% SLOPE IN ALL DIRECTIONS

10 ACCESSIBLE PARKING

5			
4			
3			
2			
1			
0	02/16/2021	CKP	ARCHITECTURAL DESIGN REVIEW DRAWINGS
NO	DATE	BY	REVISION

ISSUE DATE:	02/16/2021
DESIGN BY	CKP
DRAWN BY	CKP
FOR PROJECT NO.	1838-0005

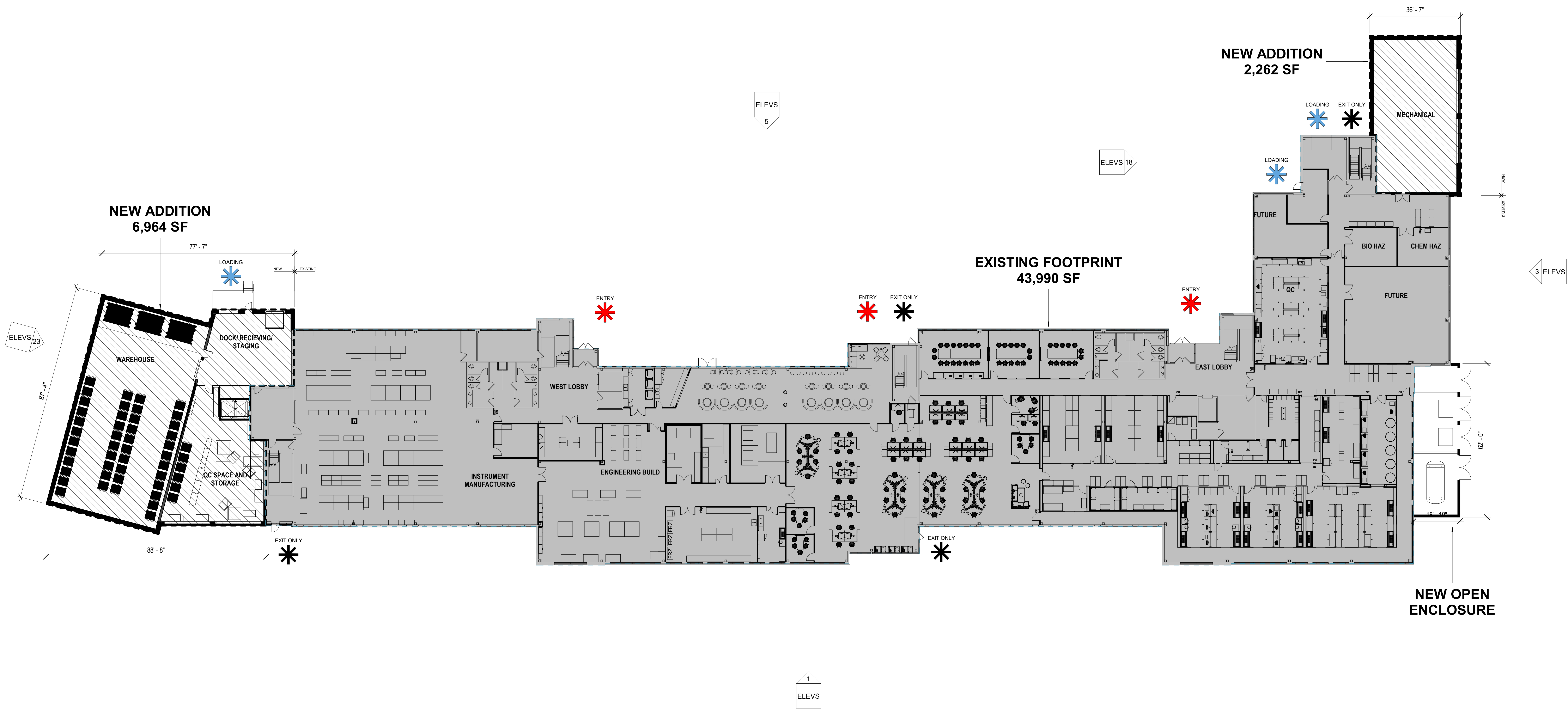
EOR Emmons & Olivier Resources, Inc.
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PROMEGA
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NOBEL DRIVE
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DANE CO, WISCONSIN

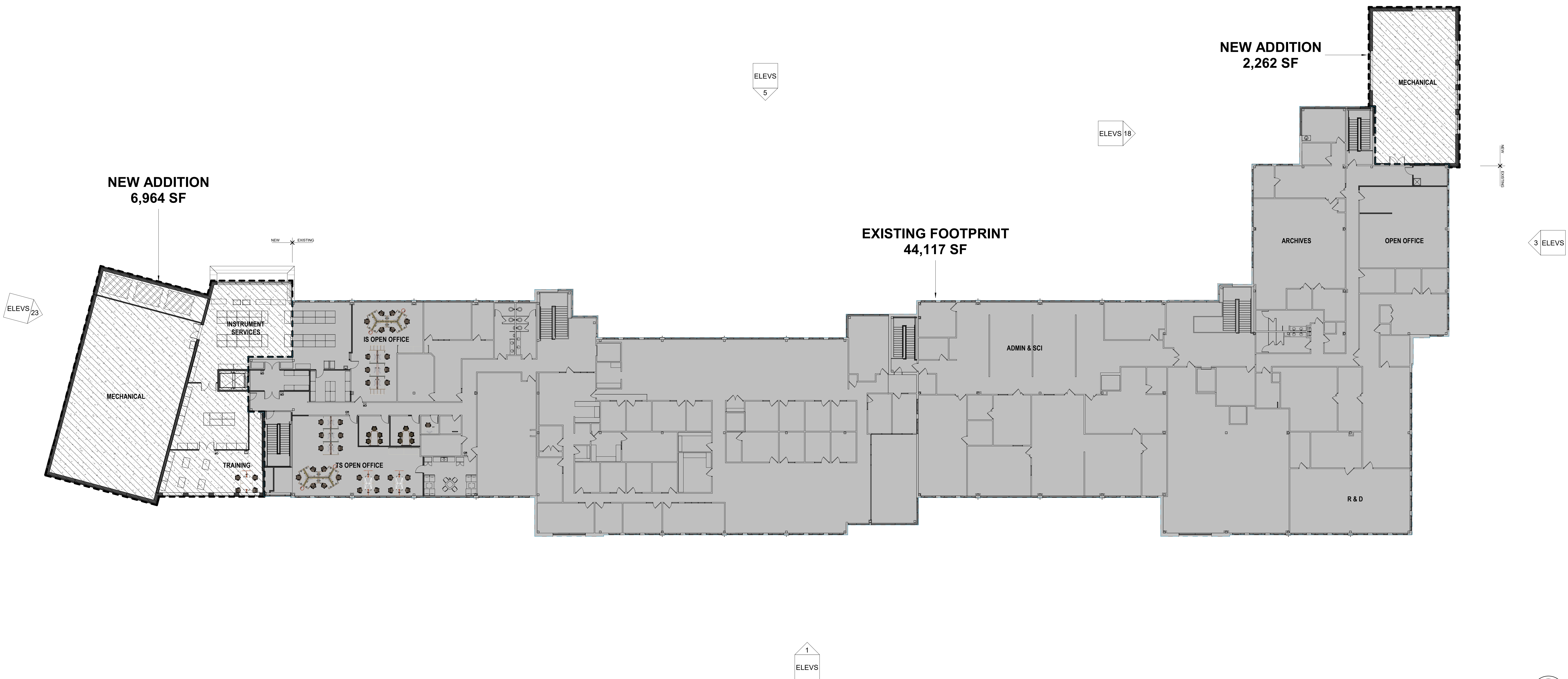
CIVIL DETAILS

C520



1 FIRST FLOOR - PRESENTATION
 1 PLAN SCALE: 1/16" = 1'-0"





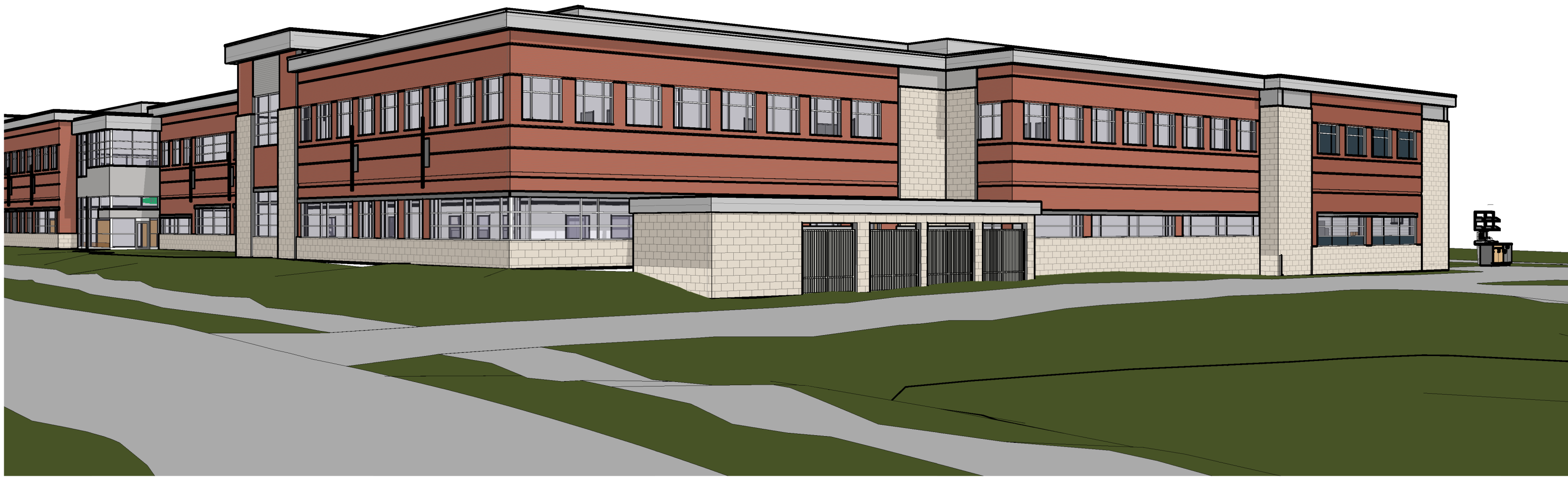
1 SECOND FLOOR - PRESENTATION
2 PLAN SCALE: 1/16" = 1'-0"



1
10 2. Exterior - SW
SCALE:



4
10 2. Exterior - NW
SCALE:



2
10 2. Exterior - SE
SCALE:



3
10 2. Exterior - NE
SCALE:

Date: February 16, 2021
 To: Steve Wellenstein - Uehlein-Wilson;
 Nick Cleaver, Tim Meeker - JDR
 From: Steve Wise
 Subject: Promega - 5500 Nobel Drive
 Building Expansion - Estimated Noise Impact

Wise Associates

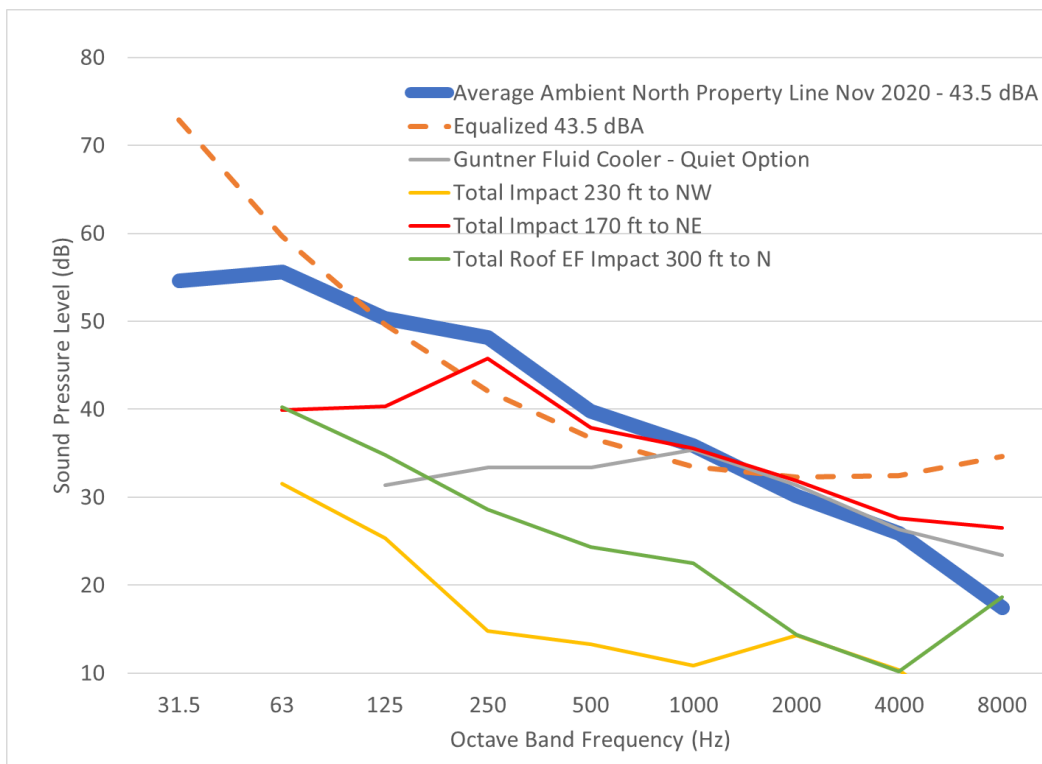
1409 E. Skyline Drive
 Madison, WI 53705 USA
 (608) 233-7683
steve@att.net

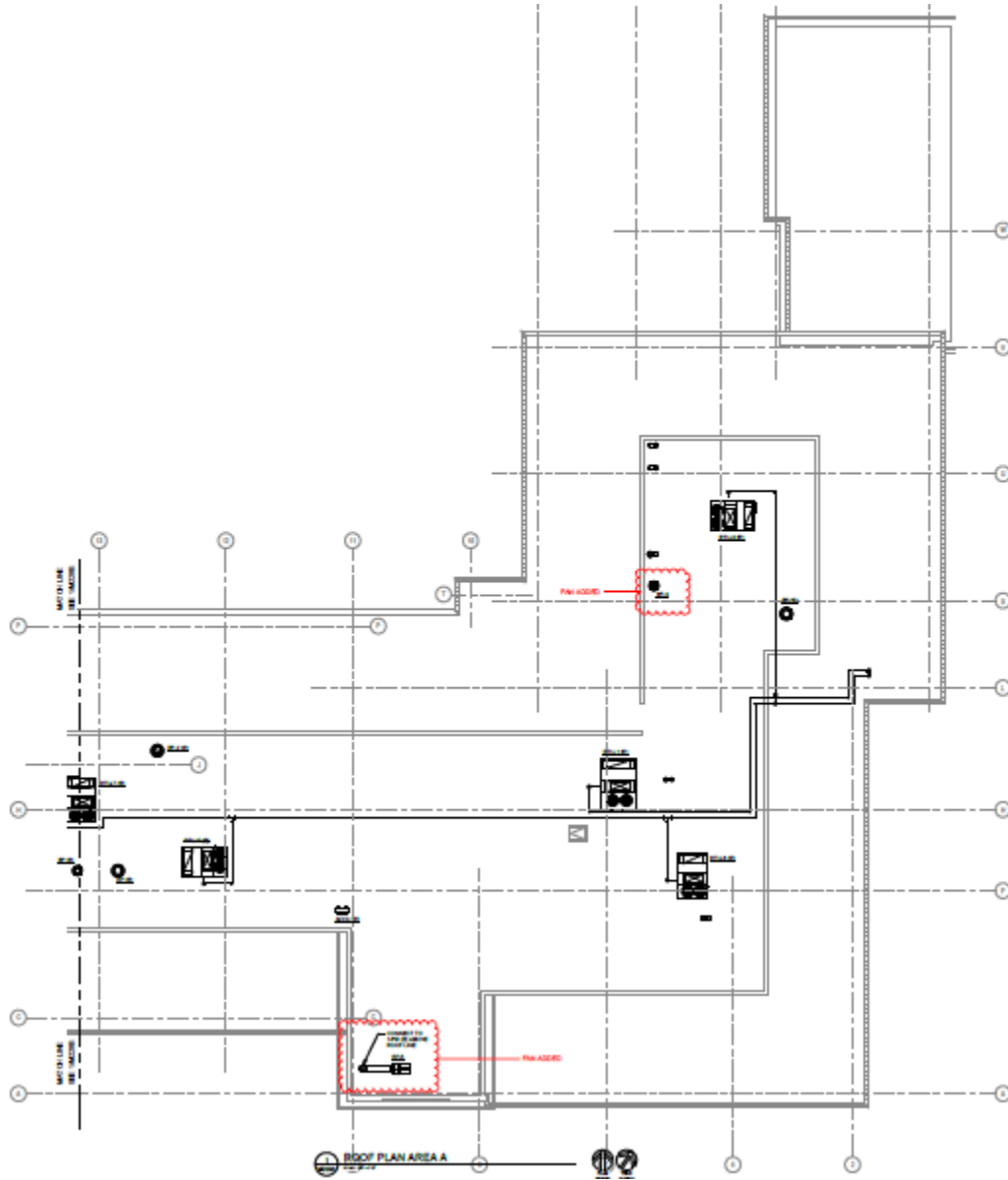
The bold curve below indicates ambient sound levels at residential properties to the north of the site. These were measured at a time of low traffic, and also seasonally absent insects and residential A/C units. Thus, it is approximately the quietest level observed at this location.

The new mechanical equipment can be found to the west of the existing building (5 AHUs and RFs), to the east of the existing building (2 AHUs + RFs + Fluid Cooler), and on the roof (4 exhaust fans).

Analysis detailed on following pages confirms there should be no impact to the ambient.

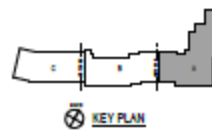
Steve Wise



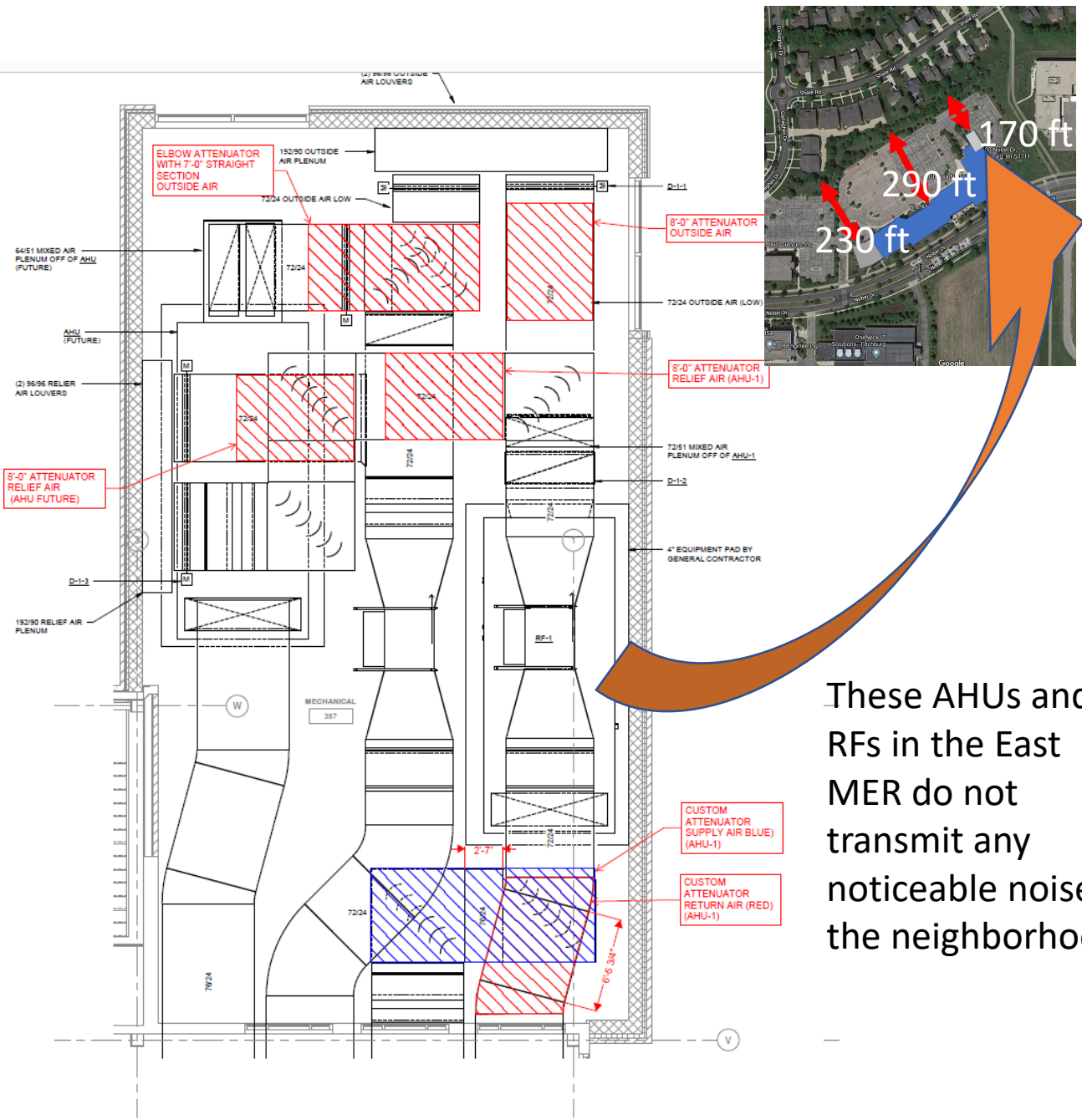


These roof-mounted EFs do not transmit any noticeable noise to the neighborhood.

EXHAUST FANS	<u>63</u>	<u>125</u>	<u>250</u>	<u>500</u>	<u>1000</u>	<u>2000</u>	<u>4000</u>	<u>8000</u>	<u>dBA</u>
EF-5 Outlet	85	80	77	71	65	61	58	52	73.3
EF-1 Outlet	69	68	70	69	62	58	54	48	69.1
EF-4 Outlet	65	67	62	64	61	55	47	46	65.2
EF-3 Outlet	88	82	66	62	70	54	35	68	73
Total Impact 300 ft to N	40	35	29	24	23	14	10	19	27.9
Property Line Ambient	55.6	50.4	48.2	39.8	35.9	30.2	25.9	17.5	43.5



AHU 1 - 3 fans NORMAL OPERATION



These AHUs and RFs in the East MER do not transmit any noticeable noise to the neighborhood.

	63	125	250	500	1000	2000	4000	8000	dBA
Property Line Ambient	55.6	50.4	48.2	39.8	35.9	30.2	25.9	17.5	43.5
Individual Contributors:									
OA AHU 1 (Normal)	36	39	45	36	17	14	18	22	38.2
OA AHU FUTURE	29	28	28	19	16	19	17	15	25.7
RELIEF F	34	30	30	22	12	16	13	12	25.6
FLUID COOLER	0	31	33	33	35	31	26	23	38.6
Net to Louver	87	88	101	94	84	80	77	75	95.0
Total Impact 170 ft to NE	40	40	46	38	36	32	28	26	41.7
OA AHU 1 (Normal)									
AHU1 INLET	87	88	101	94	84	80	77	75	95.0
RF1 Discharge	84	87	86	88	83	80	74	64	88.7
Duct Split	3	3	3	3	3	3	3	3	3
Net to Louver	88	89	101	94	85	82	78	75	95.5
SAD-RFL-HV-F1	7	6	11	14	24	23	15	8	
Net	81	83	90	80	61	59	63	67	82.8
@ Prop Line	36	39	45	36	17	14	18	22	38.2
OA AHU FUTURE									
AHUF INLET	87	88	101	94	84	80	77	75	95.0
RF-F Discharge	84	87	86	88	83	80	74	64	88.7
Duct Split	3	3	3	3	3	3	3	3	3
Elbow	1	5	4	4	3	3	3	3	
Net to Louver	88	88	101	94	85	81	77	75	95.2
SAD-AHU-FOA	14	16	28	30	24	17	16	15	
Net	74	72	73	64	61	64	61	60	70.3
@ Prop Line	29	28	28	19	16	19	17	15	25.7
RELIEF 1									
RF1 Discharge	84	87	86	88	83	80	74	64	88.7
AHU1 INLET	87	88	101	94	84	80	77	75	95.0
Net	87	89	98	93	85	82	77	72	93.7
Duct Split	3	3	3	3	3	3	3	3	3
Elbow	1	5	4	4	3	3	3	3	
Net	83	81	91	86	79	76	71	66	86.9
SAD-RD-HV-F1	5	11	20	23	25	18	16	13	
Net	78	70	71	63	54	58	55	53	66.5
@ Prop Line	33	25	26	18	9	13	10	9	21.9
RELIEF F									
RFF Discharge	84	87	86	88	83	80	74	64	88.7
AHUF INLET	87	88	101	94	84	80	77	75	95.0
Net	87	89	98	93	85	82	77	72	93.7
Duct Split	3	3	3	3	3	3	3	3	3
Net	84	86	95	90	82	79	74	69	90.7
SAD-RD-HV-F1	5	11	20	23	25	18	16	13	
Net	79	75	75	67	57	61	58	56	70.2
@ Prop Line	34	30	30	22	12	16	13	12	25.6
FLUID COOLER									
	63	125	250	500	1000	2000	4000	8000	dBA
		76	78	78	80	76	71	68	83.3
@ Prop Line		31	33	33	35	31	26	23	38.6

AHU-2



Details for AHU-2 and RF-2 in West MER.

West Relief RF2	63	125	250	500	1000	2000	4000	8000	dBA
RF-2 Outlet	82	85	81	84	79	75	70	61	84.5
Duct Split	3	3	3	3	3	3	3	3	
5 ft Unlined Duct Attenuation	1	1	1	0	0	0	0	0	
Damper	1	1	1	1	1	2	2	3	
Silencer SAD-AHU-2REL	3	12	20	23	21	12	11	10	
Net Power	74	68	57	57	54	58	54	45	62.7
@ 230 ft Prop Line	27	21	9	10	7	11	7	-2	15.4
West OA Louver AHU2	63	125	250	500	1000	2000	4000	8000	dBA
RF-2 Outlet	82	85	81	84	79	75	70	61	84.5
Duct Split	3	3	3	3	3	3	3	3	
Damper	1	1	1	1	1	2	2	3	
Net RF Power	78	81	77	80	75	70	65	55	80.3
AHU-2 OA Intake	79	75	81	88	70	65	58	51	85.4
Elbow	1	5	8	4	3	3	3	3	
Duct Split	3	3	3	3	3	3	3	3	
Net AHU Power	75	67	70	81	64	59	52	45	78.3
Net RF + AHU Power	80	81	78	84	75	70	65	55	82.5
30 ft Unlined Duct Attenuation	6	5	3	1	1	1	1	1	
Elbow	1	5	4	4	3	3	3	3	
Damper	1	1	1	1	1	2	2	3	
Silencer SAD-AHU-2OA	5	14	22	23	19	12	10	9	71.5
Net Power	67	57	48	54	51	52	49	39	57.9
@ 230 ft Prop Line	20	9	1	7	4	5	2	-8	10.6

AHU-3



Details for AHU-3 and RF-3 in West MER.

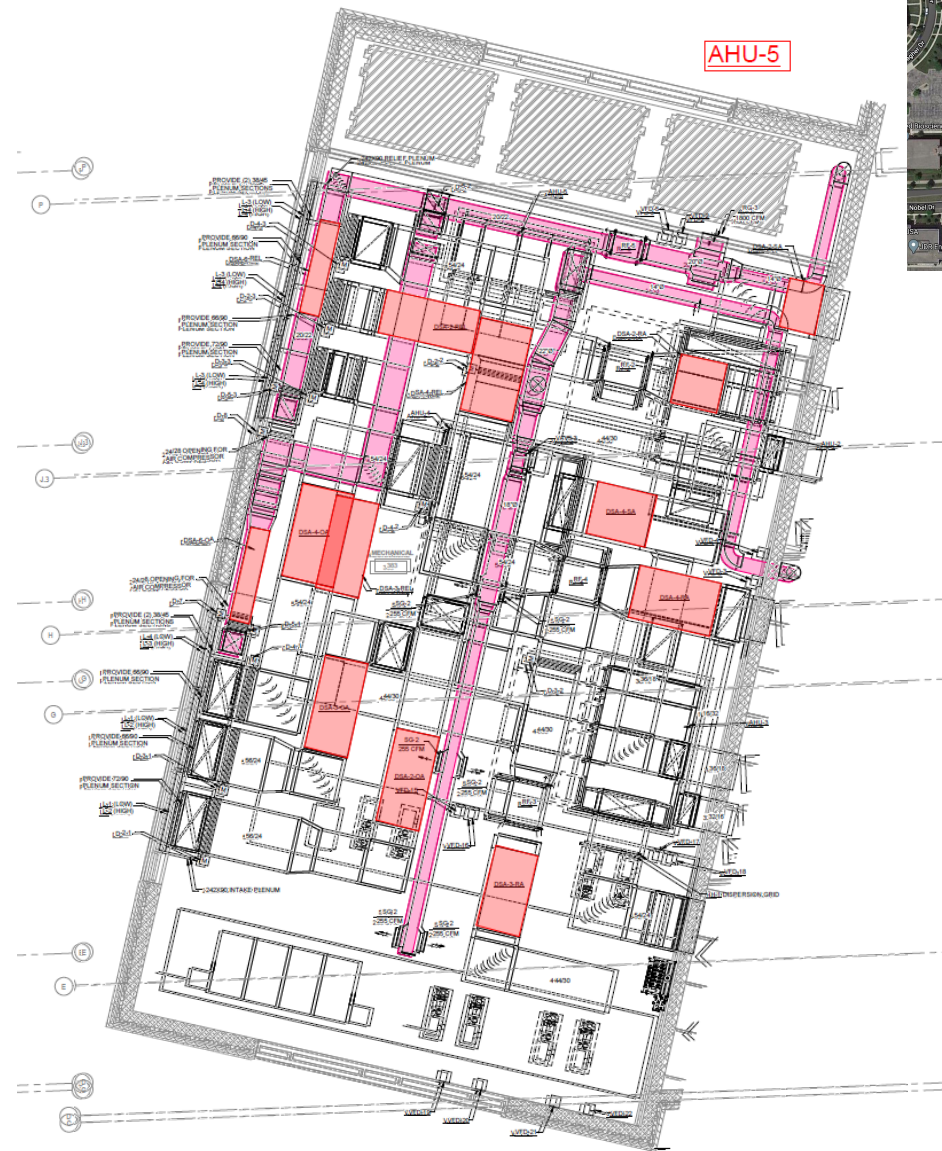


West Relief RF3	63	125	250	500	1000	2000	4000	8000	dBA
RF-3 Outlet	83	84	80	82	77	74	68	60	82.8
Duct Split	3	3	3	3	3	3	3	3	
30 ft Unlined Duct Attenuation	6	5	3	1	1	1	1	1	
Elbow	1	5	4	4	3	3	3	3	
Damper	1	1	1	1	1	2	2	3	
Silencer SAD-AHU-3REL	4	13	21	22	19	11	10	9	
Net Power	68	58	48	51	50	54	49	41	57.8
@ 230 ft Prop Line	21	10	1	4	3	7	2	-6	10.6
<hr/>									
West OA Louver AHU3	63	125	250	500	1000	2000	4000	8000	dBA
RF-3 Outlet	83	84	80	82	77	74	68	60	82.8
Duct Split	3	3	3	3	3	3	3	3	
Damper	1	1	1	1	1	2	2	3	
Net RF Power	79	80	76	78	73	69	63	54	78.6
AHU-3 OA Intake	76	73	86	73	68	64	56	51	78.5
Net RF+AHU Power	81	81	86	79	74	70	64	56	81.5
15 ft Unlined Duct Attenuation	3	2	2	1	1	1	1	1	
Elbow	1	5	4	4	3	3	3	3	
Damper	1	1	1	1	1	2	2	3	
Silencer SAD-AHU-3OA	5	14	22	23	19	12	10	9	
Net Power	71	59	58	51	51	53	48	40	57.9
@ 230 ft Prop Line	24	11	11	3	3	5	1	-7	10.7



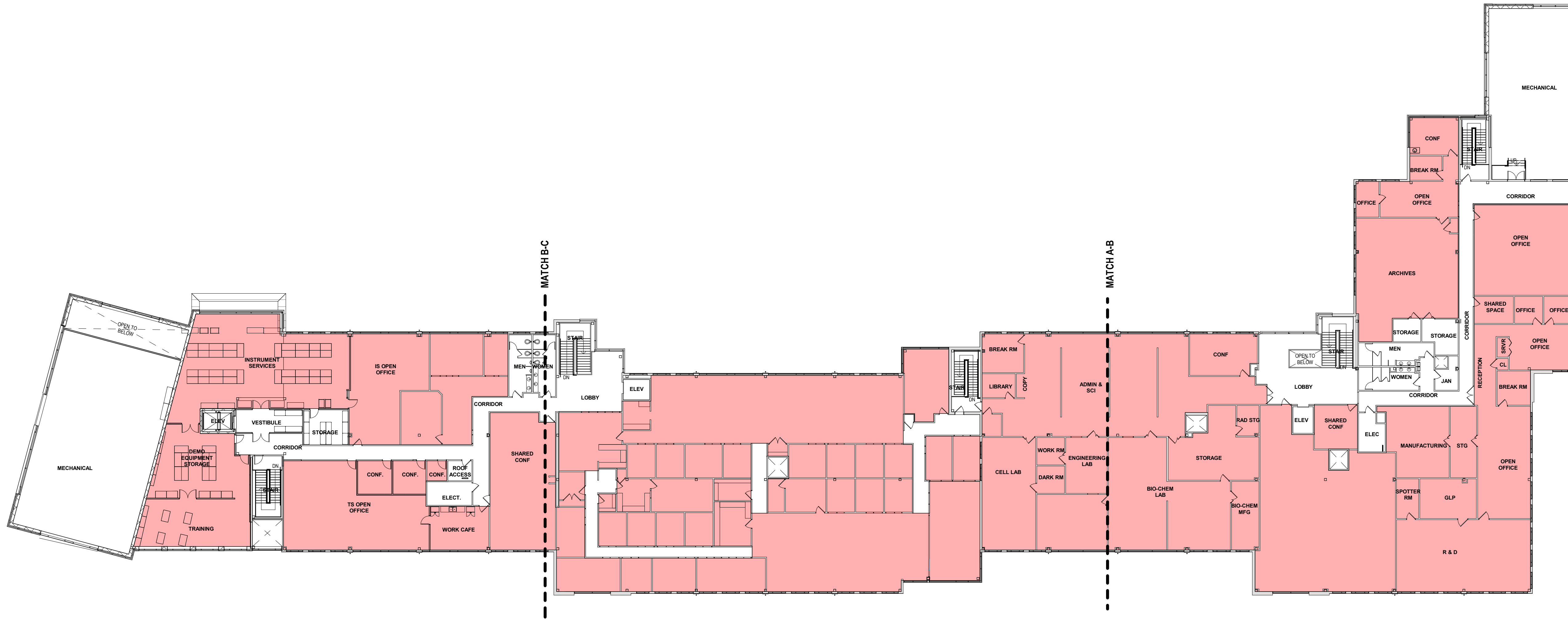
Details for AHU-4 and RF-4 in West MER.

West Relief RF4	63	125	250	500	1000	2000	4000	8000	dB(A)
RF-4 Outlet	83	84	80	82	77	74	68	60	82.8
Duct Split	3	3	3	3	3	3	3	3	
30 ft Unlined Duct Attenuation	6	5	3	1	1	1	1	1	
Damper	1	1	1	1	1	2	2	3	
Silencer SAD-AHU-4REL	2	9	18	27	26	16	13	12	
Net Power	71	67	55	50	46	52	49	41	57.5
@ 230 ft Prop Line	24	19	8	3	-1	5	2	-6	10.3
West OA Louver AHU4	63	125	250	500	1000	2000	4000	8000	dB(A)
RF-4 Outlet	83	84	80	82	77	74	68	60	82.8
Duct Split	3	3	3	3	3	3	3	3	
Damper	1	1	1	1	1	2	2	3	
Net RF Power	79	80	76	78	73	69	63	54	78.6
AHU-4 OA Intake	71	68	69	79	63	60	51	51	76.5
Elbow	1	5	4	4	3	3	3	3	
Duct Split	3	3	3	3	3	3	3	3	
Net AHU Power	67	60	62	72	57	54	45	45	69.6
Net RF + AHU Power	79	80	76	79	73	69	63	55	79.1
10 ft Unlined Duct Attenuation	2	2	1	0	0	0	0	0	
Elbow	1	5	8	4	3	3	3	3	
Damper	1	1	1	1	1	2	2	3	
Silencer SAD-AHU-4OA	4	9	19	27	24	15	12	11	
Net Power	71	64	47	47	45	49	46	37	54.7
@ 230 ft Prop Line	24	16	0	-1	-3	2	-2	-10	7.4

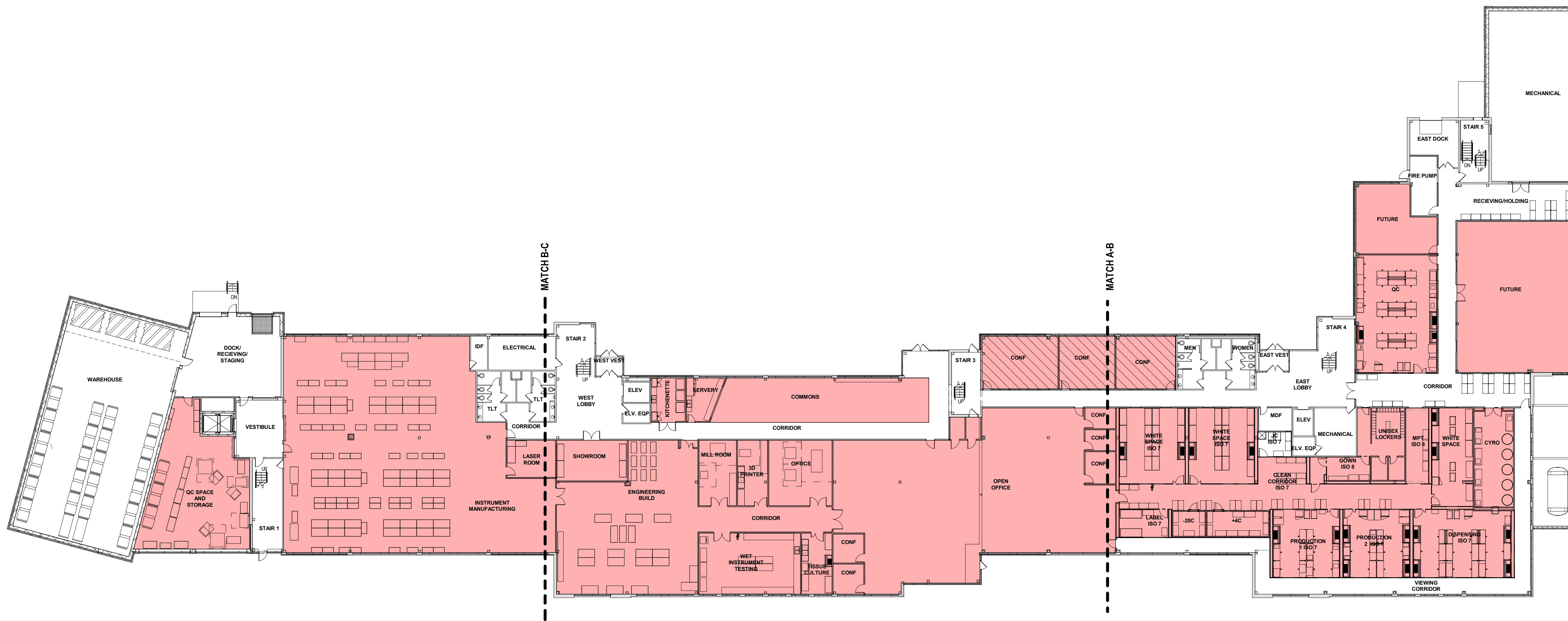


Details for AHU-5 and RF-5 in West MER.

West Relief RF5	63	125	250	500	1000	2000	4000	8000	dBA
RF-5 Outlet	73	79	70	70	68	63	59	50	72.6
Duct Split	3	3	3	3	3	3	3	3	
30 ft Unlined Duct Attenuation	6	5	3	1	1	1	1	1	
Damper	1	1	1	1	1	2	2	3	
Silencer SAD-AHU-5REL	4	7	17	32	38	29	18	15	
Net Power	59	64	46	33	25	28	35	28	48.4
@ 230 ft Prop Line	12	16	-1	-14	-22	-19	-12	-19	1.2
West OA Louver AHU5	63	125	250	500	1000	2000	4000	8000	dBA
RF-5 Outlet	73	79	70	70	68	63	59	50	72.6
Duct Split	3	3	3	3	3	3	3	3	
Damper	1	1	1	1	1	2	2	3	
Net RF Power	69	75	66	66	64	58	54	44	68.4
AHU-5 OA Intake	71	68	69	79	63	60	51	51	76.5
Elbow	1	5	4	4	3	3	3	3	
Duct Split	3	3	3	3	3	3	3	3	
Net AHU Power	67	60	62	72	57	54	45	45	69.6
Net RF + AHU Power	71	75	67	73	65	59	55	48	72.0
20 ft Unlined Duct Attenuation	4	3	2	1	1	1	1	1	
Elbow	1	5	8	4	3	3	3	3	
Damper	1	1	1	1	1	2	2	3	
Silencer SAD-AHU-5OA	5	7	18	34	38	27	16	12	
Net Power	60	59	38	33	22	27	33	29	44.6
@ 230 ft Prop Line	13	12	-9	-14	-25	-21	-15	-18	-2.6



2 SECOND FLOOR - NEW
SCALE: 3/8" = 1'-0"



1 FIRST FLOOR - NEW
SCALE: 3/8" = 1'-0"

CONCEPT SUMMARY:

- A. MECHANICAL
- B. DOCKS
- C. CHASES
- D. BATHROOMS / SHOWERS
- E. WAREHOUSE / STORAGE SPACE
- F. VERTICAL CIRCULATION - STAIRS / ELEVATORS
- G. VESTIBULES AND LOBBIES
- H. CORRIDORS

SQUARE FOOTAGE CALCULATIONS

- A. FIRST FLOOR - 33,688 SF
- B. SECOND FLOOR - 37,801 SF
- C. TOTAL - 71,489 SF

PARKING ESTIMATE

- A. 3.0 STALLS / 1,000 SF - 216 STALLS
- B. 3.5 STALLS / 1,000 SF - 252 STALLS
- C. 4.0 STALLS / 1,000 SF - 288 STALLS



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REVISIONS

No. Date: Description:

PRELIMINARY
NOT FOR CONSTRUCTION



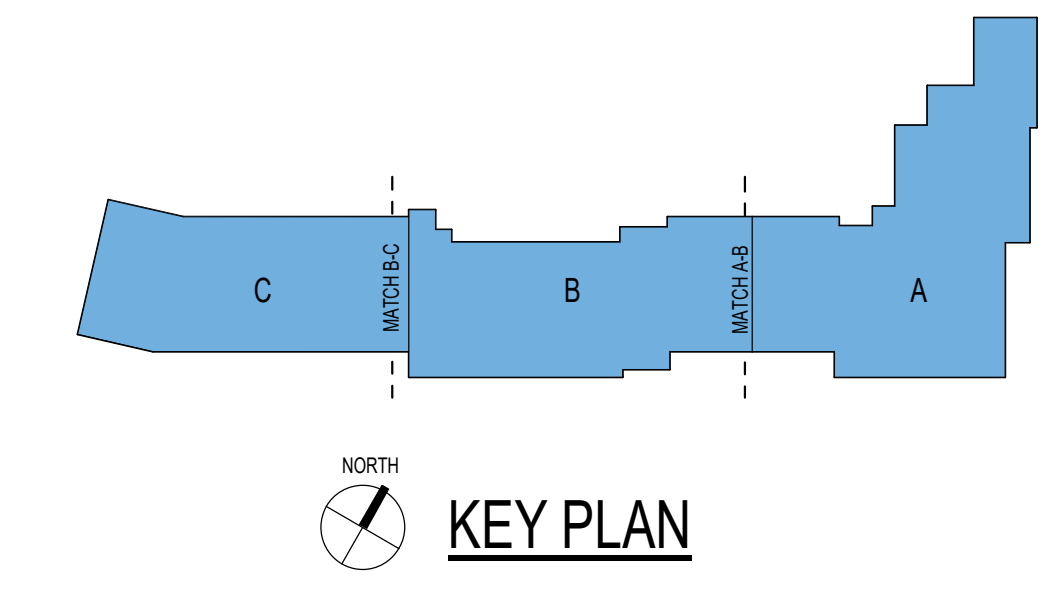
PROJECT
PROMEGA NOBEL DRIVE RENOVATIONS
PROMEGA CORPORATION

SHEET
PARKING ESTIMATE

DATE
01/22/21

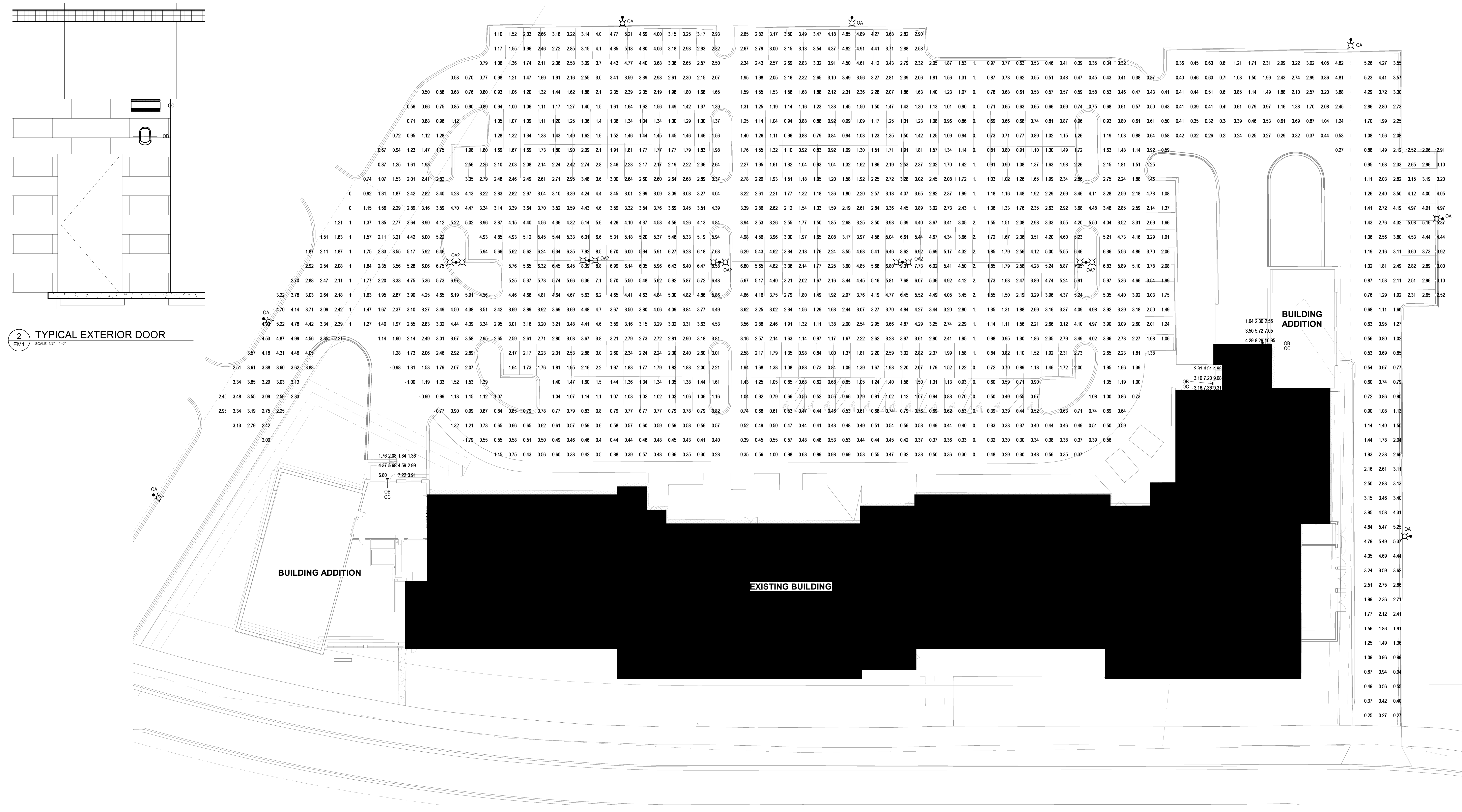
PROJECT NO.
20-113

SHEET NO.



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A200



2 TYPICAL EXTERIOR DOOR
SCALE: 1/2" = 1'-0"

1 SITE PLAN
SCALE: 1" = 20'-0"

SITE LIGHTING PHOTOMETRIC RESULTS					
Calculation Points Name	Average	Maximum	Minimum	Avg/Min	Max/Min
WEST DOCK DOOR	3.87 fc	7.22 fc	1.36 fc	2.8	5.3
FIRE PUMP DOOR	5.67 fc	9.31 fc	2.31 fc	2.4	4.0
EAST DOCK DOOR	5.14 fc	10.95 fc	1.64 fc	3.1	6.7
PARKING LOT	2.35 fc	9.31 fc	0.23 fc	10.1	39.9

SITE LIGHTING FIXTURE SCHEDULE						
CALLOUT	DESCRIPTION	INPUT WATTS	VOLTAGE	LUMEN OUTPUT	MOUNTING	MODEL
OA	EXTERIOR LIGHT POLE - SINGLE HEAD	183 W	277 V	19305 lm	POLE	LITHONIA DSX1 LED-P7-30K-T2M-MVOLT-SPA-PIRH1FC3V-DDBXD
OA2	EXTERIOR LIGHT POLE - DOUBLE HEAD	366 W	277 V	38610 lm	POLE	LITHONIA DSX1 LED-P7-30K-T2M-MVOLT-SPA-PIRH1FC3V-DDBXD
OB	EXTERIOR WALL PACK	25 W	277 V	595 lm	SURFACE	LITHONIA VGO3C-2SLED-MVOLT-DWHG-LPI
OC	EXTERIOR SCOFFCE	29 W	277 V	2943 lm	SURFACE	LITHONIA WSR LED-P2-30K-SR2-3IVOLT-DNAXD