### **ARCHITECTURAL DESIGN NARRATIVE BACKGROUND**

8500 N PFEIL STREET, MILWAUKEE, WI 53224

### SITE

The site is located on the corner of the East side of N Pfeil St. The site development, includes a new onestory 105,485-square-foot speculative building, a parking area for staff and guests at the main entry to the west of the building screened by a variety of Evergreen Trees and Shrubs, and trailer docks for 12 trailers is included to the west side of the building screened by a variety of Evergreen Trees and Shrubs. Site amenities include a pond to the south of the building and other landscaping.

### MATERIALS AND FINISHES

The facility will be built utilizing a precast tilt up wall systems: Broken up vertically by offsetting the precast panels and introducing a plane change on the corners of the building. Wrapping the building, natural earth tone colors were selected for a discrete non disturbing look that respects the surrounding context that also break up the building vertically and horizontally. Additionally select panels are painted to match the end/entry panels to break up long horizontals runs. The sleek new development features two store front featured entries for multiple tenants, also offset and highlighted to create more interest and break up the east wall, with such touches as high windows placed at a higher elevation to allow for privacy and provide lots of natural light into the work areas. The roof and structure of the building were designed to allow for the minimum precast wall height while maintaining the desired clear height for a speculative tenant.

### SITE ACCESS

The main entry to the building for staff and guests will be accessed off of N Pfeil Street with a two-lane paved street, 28' wide. Sidewalks will continue to connect non disturbed along the east side of N Pfeil St and W Donna Drive. A future sidewalk that allows quick access for approaching from the south is shown on the west side of the building connection to the main entries creating a circulation linking the main entries, parking, bus stops and public walkways. The finish floor elevation of the building is currently set at elevation 193' to allow positive drainage away from the building. Trailer parking will be developed for this project that will be accessed off of the south east end of the site and will be hard surfaced with asphalt pavement.

### Zilber Property Group – 8500 North Pfeil Street DIZ comparison Chart

Property Info:	Proposed Development	Zoning Code Requirements	Additional Notes
Address	Towne Corporate Park of Granville - 8500 North Pfeil Street Milwaukee, WI 53224		
Lot Location in development	Lot "B" (East of North Pfeil Street) – 7.60 AC		
Zoning District	IL1 – Commercial/Industrial	Speculative Warehouse or light Manufacturing Proposed use	Meets DIZ Overlay Requirements
Proposed Building Area & Height	1 story & 105,350 (Lot B)		
Proposed Building Height	40'		
CPC & BOZA Plan Approval		BOZA & CPC plan approval is required before Building Permit can be issued.	Attention Required : Zilber to follow up with BOZA submittal – See options below
Site & Building Data:	DIZ Overlay Requirements	Provided DIZ Overlay Info	
Max. Building Height	Max. building height (to top of roof/highest point) = 45'	Provided = 35'-3" Height	Meets DIZ Overlay Requirements
Front Setback	Front Setback Req. = 15'	Provided = 15'	Meets DIZ Overlay Requirements
Side/Rear Set back (adjacent to industrial zones)	Side / Rear Setback = 10'	Provided = 10'	Meets DIZ Overlay Requirements
Side/Rear Set back (adjacent to golf course)	Side / Rear Setback = 25'	Provided = N/A Applies Lot 'A'	Meets DIZ Overlay Requirements
Side/Rear Set back (adjacent to residential zones)	Side / Rear Setback = 25'	Provided = 50'	Meets DIZ Overlay Requirements
FAR (Floor Area Ratio)	N/A per DIZ	N/A per requirements	N/A
Max. Lot Coverage	Required Max. Lot = 50%	Provided = 31.7% Building = 5.19 AC Impervious area = 2.41 AC Grass area = 31.7 % Green Space	Meets DIZ Overlay Requirements
Min. Development Frontage surfaces, & wetland area)	Total (building / driveway / pedestrian walkway) = 80% of the front width (among the development frontage, 50 % min. to be building façade)	80% Provided	Meets DIZ Overlay Requirements
Min. Landscape Frontage	Required = 20% of the front width	20 % Provided	Meets DIZ Overlay Requirements

Detention or Retention areas	To be considered landscape area	Factored into percentages provided above	Reference Site plan Layouts
Direct pedestrian access	Direct pedestrian access needs to be provided from the street right-of- way to Building Entrance (it doesn't need to be a sidewalk or paved surface, but must be maintained to permit pedestrian access)	Direct pedestrian access added to be provided from the street right-of-way to Building Entrance per Staff Recommendations	In addition, a future sidewalk with a connection to the South public sidewalk is shown. Also in lieu of asphalt concreate connection was approved substitution was proposed and is acceptable as long as owner maintains and replaces as needed.
Parking	No automobile parking	Not Applicable	N/A
requirements Min. Length of Loading for Heavy Vehicles	requirements Required Min Length = 27'	Provided = 60'/65'	Meets DIZ Overlay Requirements
Parking/landscape requirements	Max. distance between two landscape islands = 10 parking spaces	Parking Layout provided are 10 Parking space Max per design 94 Total Spaces (4) ADA/145 trees	See Provided Civil Layouts and combined Landscape drawing
Landscaped requirements between Residential & proposed Development	Landscaped berm provide on East end to meet buffer requirements between Residential & proposed Development	The design team understands the current layout satisfies the DIZ requirement, but maybe not be in line with the Zoning code. We would submit that a BOZA review will be need to resolve to be in accordance with Table 295-805-4-d in sub chapter 8 of the zoning code. There is an exception that may allow current layout to remain, along with community outreach feed back of the adjacent residence, Zilber is committed to providing a design per code while also being acceptable to the community. The Design team would proposed that we be allowed to follow the 'alternative residential buffer standards'. We can revise our planting plan to include shrubs every 5' in lieu of the evergreen requirement.	<ul> <li>Options going forward :</li> <li>1) Get a variance from BOZA review</li> <li>2) PEG believes it is design per an exception in the zoning code, but would need to get it approved by BOZA</li> <li>3) If community feedback from what is currently on the drawings is acceptable to the adjacent property we could keep as is, but it would need to be presented to BOZA</li> </ul>
Exterior insulation and finish Systems	Must not exceed 30 % of the exterior wall area on the street façade	N/A	N/A
Building Material not seen from the public street	May consist of 50% of the elevations (including precast)	Provided = > 50% based on SF North = 7,063 sf East = 18,403 sf West = 15,663 sf South = 5,724 sf	Meets DIZ Overlay Requirements

Community Outreach by Zilber:

- ZPG Development team contacted Ald. Lewis and provided overview of project prior to submittal to City for <u>review</u>
- <u>Efforts began to coordinate in-person informational session but Safer-at-Home Order restricted in-person</u> <u>meetings/gatherings</u>
- ZPG team created project informational flyer with email contact for questions and distributed to resident list provided by Ald. Lewis' office and additional residences identified to the south of the project site (approx. 175 +/- residences received informational flyer). Mailed April 3, 2020.
- ZPG Development responded to 2 resident inquiry emails regarding additional project information

### **CPC STAFF REVIEW COMMENTS:**

We have reviewed the submitted drawings and offer the following comments. Once addressed, we feel that the project will meet the intent of the overlay standards.

- 1. Site/landscape plan:
  - a. Please add a pedestrian sidewalk linking the entrances to the public sidewalk, as required by both the DIZ and the IL1 zoning. The sidewalk should be a minimum of 5' in width, but preferably wider. The crossing at the parking lots should be concrete and level with the asphalt surface.

A 6' sidewalk was added connection both main entries to the public walk way. Additionally a future sidewalk was added to the south to create a shorter path connection to the south. As for the crossings: asphalt and concrete settle at very different rates and after a few Wisconsin winters, the edges of the concrete will be busted up and the asphalt will have settled. It creates a trip hazard and I would like to do some other method. In past projects in the city we have proposed a pavement marking tape that is embedded in the asphalt surface course. They lay it down and the roller compacts it in place. It provides a permanent striped walkway without the wear of traditional paint. Owner agrees to maintain and replace as necessary.

- b. The landscape along the street edge of the parking lot appears substantial; however, the design shown on the plan places the required trees in the right-of-way between the curb and sidewalk rather than on private property. While this may be acceptable (with the Dept. of Public Works' approval), we ask that you clarify why the trees cannot be placed on the property itself. The Landscaping was revised to be on private property per staff recommendations.
- c. The rear setback for the landscape buffer seems to be in line with the DIZ standards. However, the landscape screening within this buffer should follow the industrial district residential transition standards in the <u>zoning code</u> (see Table 295-805-4-d in sub chapter 8 of the zoning code). This substantial buffer is important as a means to screen any noise or sight lines from the existing residential condo development immediately east of the site.

The design team understands the current layout satisfies the DIZ requirement, but maybe not be in line with the Zoning code. We would submit that a BOZA review will be need to resolve to be in accordance with Table 295-805-4-d in sub chapter 8 of the zoning code. There is an exception that may allow current layout to remain, along with community outreach feed back of the adjacent residence, Zilber is committed to providing a design per code while also being acceptable to the community. The Design team would proposed that we be allowed to follow the 'alternative residential buffer standards'. We can revise our planting plan to include shrubs every 5' in lieu of the evergreen requirement.

- 2. Building facades:
  - a. The DIZ standards call for long, uninterrupted facades to be avoided by adding windows and openings, recessed portals, varying color and texture, building articulation and architectural details. We understand that this is a speculative building, and as such, it is currently unknown which windows will be able to be added on the first floor. Given the scale of this building, and particularly the Pfeil-facing elevation, we suggest that additional vertical emphasis is added. While the concrete panel exterior does have both vertical and horizontal scoring, the vertical proportions could benefit from further emphasis. A break in the parapet along the long horizontal parapet (such as dropping it

down by a few feet) with corresponding panel scoring could help to achieve this. These breaks should occur near the corner differentiation as well as mid points along the long parapet runs.

The attached renderings are in response to the Plan commission's concerns of a "long uninterrupted horizontal wall", given the fact that we have a introduced a plan change by offsetting the precast panels on the corners, bumped up the entries, and created a gap to highlight the entries, our solution is playing with the paint scheme, painting the center two panels with the lighter color similar to the corners, introducing a vertical element that breaks up the wall further. The roof and structure were designed to allow for the minimum precast wall height while maintaining the desired clear height for a speculative tenant.

- Other methods that might work include adding upper level vertically shaped windows into the building, or additional off-sets to the exterior wall. See 2A for design modifications
- c. See attached diagrams for further explanation of our comments. Use for revised elevation & renderings
- 3. As standard practice, we shared the exhibits with the Depts. of Public Works (DPW) and Neighborhood Services (DNS), as well as the ADA Coordinator. While we have not yet heard from DPW or DNS, the ADA Coordinator offers the following comment: Suggestion consider placing one of the four accessible parking spaces at the middle entrance. This will permit a mobile device user to have an accessible pathway to the entrance without having to negotiate their device through two parked vehicles. The design team agrees that providing the most well designed ADA access to all entries, the "middle entry" as referenced seems to be the electrical and Fire Protection rooms which will be controlled access point due to the nature of the rooms and equipment housed in those room, we feel like a redesign of the parking structure to move one adjacent space isn't as important as having the two spaces by the primary building entries which are far more likely to be accessed by ADA users. These rooms would also be accessible from the interior of the building per ADA code.
- 4. While this item will be scheduled as a regular agenda item (as opposed to a public hearing) at the August 17<sup>th</sup> City Plan Commission meeting, the commissioners will be interested to know if any outreach has been done with the residential condo building to the east of this site. While not required, we recommend that you consider reach out to the condo association prior to the City Plan Commission meeting.

Zilber had a very productive meeting with the Ald. Lewis and also conducted a public outreach to gain feedback from adjacent property owners and residence to take in account their thoughts on the development. Question were responded to and taken into consideration during the design process.



Application for Site Plan Review Overlay Zone (SPROZ) Application for Development Incentive Zone (DIZ)

Date: 7-27-20

Ald, District: 9

I/We request that the City Plan Commission of the City of Milwaukee approve the plans for the property located at (within an established SPROZ or DIZ):

8500 N PFEIL STREET, MILWAUKEE, WI 53224

To permit: A new one-story 105,485-square-foot speculative building, a parking area

Requested by:	Name: Brian Hatzung					
(contact person)	Address: 2122 West Mt. Vernon Avenue, Milwaukee, WI 53233					
	Telephone: 414.918.1467	Email:	Brian.Hatzung@zastudios.com			
Owner:	Name: TOWNE-GRANVILLE LL	С				
(if different than above)	Address: 710 N. PLANKINTON	AVE, SUITE	1100, MILWAUKEE, WI 53203			
	Telephone: 414-274-2916	Email:	frank.dekan@zilber.com			

The undersigned states that he/she is an owner of interest in the property or an agent for the owner and that the foregoing statements are true and correct to the best of his/her knowledge and belief.

27 2020 Signature

FEES: \$1500, payable to City of Milwaukee Treasurer. Nonrefundable per Ch. 200-33, City Code.

**SUBMITTAL REQUIREMENTS:** The following items must be submitted at least three weeks prior to a scheduled City Plan Commission meeting: site plan, landscape plan, elevations, signage plans, detailed Riverwalk plan (if the project is within the Riverwalk overlay zone), narrative, completed checklist (if the project is within the Milwaukee River Greenway overlay zone).

- 1. 5 sets of plans-11" x 17" and 1 set of plans-24" x 36"
- 2. 5 copies of narrative
- 3. Photographs or digital images of site or existing building
- 4. Digital copy of plans, narrative and photos (PDF)
- 5. Milwaukee River Greenway SPROZ ONLY completed CHECKLIST

Submit completed application, fee and submittal to: Department of City Development Planning Administration 809 N. Broadway, 2<sup>nd</sup> Floor Milwaukee, WI 53202 Telephone: (414) 286-5726 <u>City.milwaukee.gov/OverlayZones</u>

### PLEASE FILL OUT TO THE BEST OF YOUR KNOWLEDGE:

Results	Projected
New jobs	tbd
Retained jobs	n/a
New housing units	0
New commercial and/or	105 495
industrial space (SF)	105,485
Renovated commercial	n/a
and/or industrial space	11/ CI
Private investment	\$ tbd

SITE EST DONNA DRIVE- LOOKING NORTH



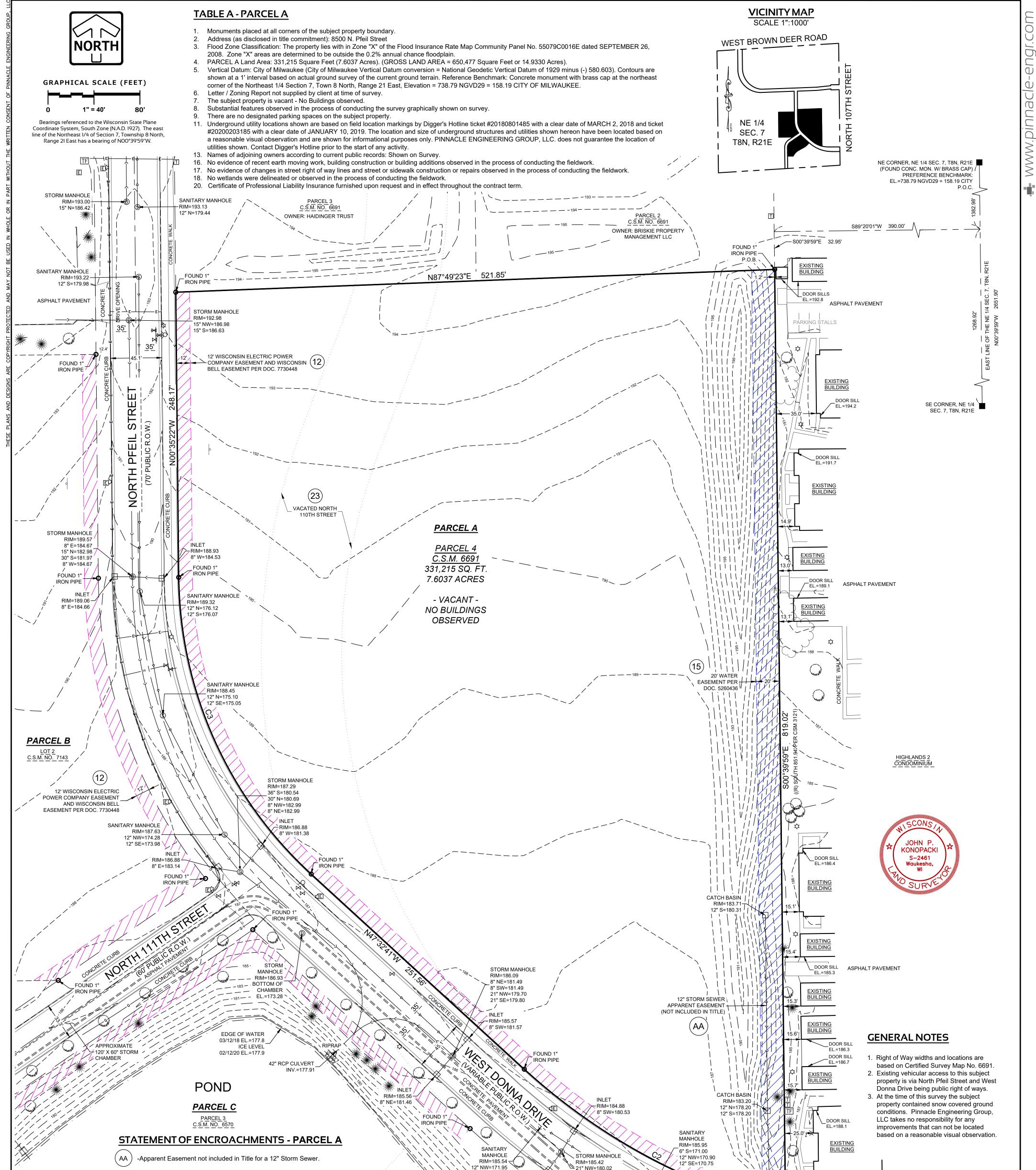
SITE the state of the second 1. 1 117 EST DONNA DRIVE- LOOKING NORTH



12 SITE ORTH PFEIL STREET- LOOKING EAST







### LEGEND OF SYMBOLS & ABBREVIATIONS

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S D	SANITARY MANHOLE	Æ ©		 LT M	SIGN
	STORM MANHOLE	_	FIBER OPTIC MANHOLE/VAUL		MAIL BOX
	STORM INLET		TELEPHONE PEDESTAL	8	FLAG POLE
	CLEANOUT	٦ م	TELEPHONE MANHOLE/VAUL	ΤÖ	BASKETBALL HOOP
$\bigcirc$	CATCH BASIN	Æ	TELEPHONE MARKER	•	BOLLARD
	LATERAL	TF	TRANSFORMER	Х	CROSS CUT
?	UNKNOWN MANHOLE	E	ELECTRIC METER/PEDESTAL	0	IRON PIPE
	WELL	E	ELECTRIC MANHOLE/VAULT	•	IRON REBAR/ROD
Q	HYDRANT	С	CABLE TV RISER/BOX	<u>•</u>	MAG NAIL
M	WATER VALVE	©	CABLE TV MANHOLE/VAULT		SECTION MONUMENT
Φ	DOWN SPOUT	©	GAS VALVE	÷	BENCH MARK
⊞	SPRINKLER VALVE	G	GAS METER	*	CONIFER TREE
*8	WATER SHUT OFF	Æ	GAS MARKER	0	DECIDUOUS TREE
Â	STANDPIPE	A	AIR CONDITIONING UNIT	$\Theta$	BUSH
<u> </u>	WATER MANHOLE	۲	VENT	<u> 111</u>	WETLAND SYMBOL
€	FLOOD LIGHT	-	DIRECTIONAL ARROW	CL.	=CENTERLINE
¢	LIGHT POLE		DUMPSTER	CONC.	=CONCRETE
000	TRAFFIC SIGNAL	Ġ.	HANDICAP STALL		
-0	UTILITY POLE	+	SPOT ELEVATION	EL.	=ELEVATION
-0	GUY WIRE	·		EXT.	=EXISTING
	>		SANITARY SEWER	INV.	=INVERT
	———————————————————————————————————————		STORM SEWER	MON.	=MONUMENT
	——— W ———		WATER MAIN	P.O.B.	=POINT OF BEGINNING
	————F0———		FIBER OPTIC LINE	F.O.D.	-FOINT OF BEGINNING
	T		TELEPHONE LINE	P.O.C.	=POINT OF COMMENCEMENT
	E		ELECTRIC LINE	R.O.W	=RIGHT OF WAY
	OHW		OVERHEAD WIRES	SEC.	=SECTION
	CATV		CABLE TELEVISION GAS MAIN	SQ. FT.	=SQUARE FEET
	WET		WETLANDS		
		·.		W/	=WITH
			TREE LINE	(R)	=RECORDED AS
		111	NO ACCESS	(D)	=DEEDED AS

### 12" NW=171.95 21" NW=180.02 12" SE=171.80 8" NE=180.42 FOUND 1" 8" SW=180.42 **IRON PIPE** INLET RIM=184.85 FOUND 1 8" NE=180.65 **LEGAL DESCRIPTION:** IRON ROD AS DESCRIBED IN FIRST AMERICAN TITLE INSURANCE COMPANY - WISCONSIN APPROXIMATE TITLE SERVICE COMPANY, INC. COMMITMENT NUMBER 1803A0281 WITH AN 120' X 60" STORM-EFFECTIVE DATE OF DECEMBER 26, 2019 (REVISED 1.20.2020). SANITARY SANITARY MANHOLE CHAMBER MANHOLE RIM=185.89 RIM=186.49 12" NW=169.29 PARCEL A: (SEE SHEET 1) 12" NW=170.21 12" SE=169.19 Parcel Four (4) of CERTIFIÉD SURVEY MAP NO. 6691, a Division of Parcel Four (4) 12" SE=170.04 ~ of Certified Survey Map No. 6570, being a part of the Northeast One-quarter (1/4) and Southeast One-quarter (1/4) of the Northeast One-quarter (1/4) of Section Seven STORM STORM MANHOLE (7), in Township Eight (8) North, Range Twenty-one (21) East, in the City of MANHOLE RIM=185.93 Milwaukee, County of Milwaukee, State of Wisconsin, recorded in the Office of the DRIVE OPENING RIM=186.49 48" E=174.48 Register of Deeds for Milwaukee County on August 4, 1999 in Reel 4619, Images SEALED 48" W=174.28 1055 to 1058 inclusive, as Document No. 7784653. INLET G RIM=186.05 > 8500 N. Pfeil Street 12" SE=182.70 12" CPP CULVERT Tax Key No. 039-0364-000-5 12" SW=182.70 INV.=182.22

ICE LEVEL

### PARCEL B: (SEE SHEET 2)

Lot Two (2) of CERTIFIED SURVEY MAP NO. 7143, a Redivision of Parcels One (1) and 02/12/20 EL.=177.9 Two (2) of Certified Survey Map No. 6653, in the Northeast One-guarter (1/4) and Southeast One-quarter (1/4) of the Northeast One-quarter (1/4) of Section Seven (7), in Township Eight (8) North, Range Twenty-one (21) East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin, recorded in the Office of the Register of Deeds for Milwaukee County on October 10, 2002 in Reel 5431, Images 3360 to 3364 inclusive, as Document No. 8364137.

8501 N. Pfeil Street Tax Key No. 039-0382-000-3

### PARCEL C: (SEE SHEET 3)

Parcel Three (3) of CERTIFIED SURVEY MAP NO. 6570, a division of part of Lots Six (6) and Seven (7) in Block Three (3), all of Lot Eight (8) in Block Three (3), The Highlands, a recorded subdivision, Parcel Two (2) of Certified Survey Map No. 3121, part of vacated North 110th Street and vacated West Heather Avenue, and land all lying in the Northeast One-quarter (1/4) and Southeast One-quarter (1/4) of the Northeast One-quarter (1/4) of Section Seven (7), in Township Eight (8) North, Range Twenty-one (21) East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin, recorded in the Office of the Register of Deeds for Milwaukee County on October 8, 1998, in Reel 4410, Images 1380 to 1384 inclusive, as Document No. 7613349.

10901 W. Donna Drive Tax Key No. 039-0313-000

# **LOCATION: 8500 NORTH PFEIL STREET**

LENGTH RADIUS

531.57'

355.00'

261.18'

290.93'

ά/

ASPHALT

PAVEMENT

CURVE DATA

RIPRAP

24" CPP CULVERT

CURVE NO.

C2

C3

INV.=182.87

STORM MANHOLE

BOTTOM OF CHAMBER

CHORD LENGTH

258.56'

282.86'

RIM=186 53

EL.=176.63

INLET

CHORD BEARING

N61°37'14.5"W

N24°04'01.5"W

RIM=186.46

12" NW=183.26

PARCEL 4 OF C.S.M. NO. 6691, BEING A PART OF NE 1/4 AND SE 1/4 OF THE NE 1/4 OF SEC. 7, T8N, R21E, CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN

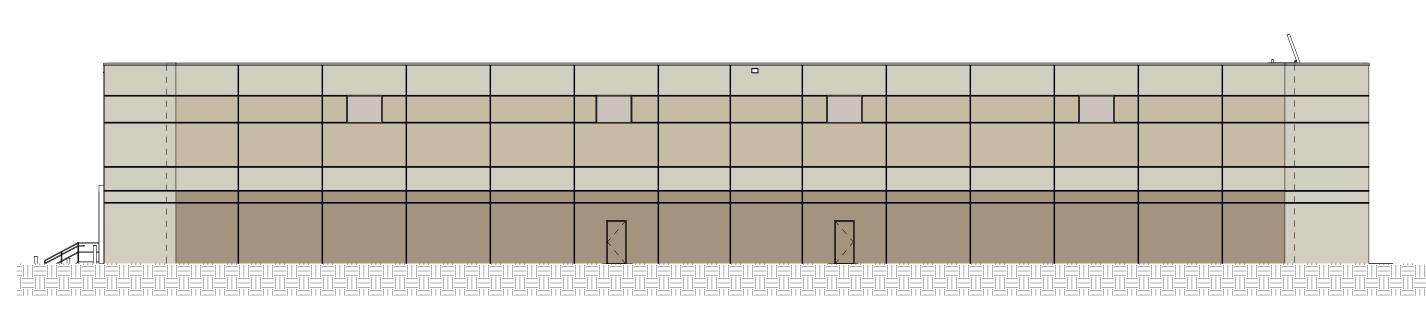
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www.pinnacle-engr.com	20725 WATERTOWN ROAD, SUITE 100 BROOKFIELD, WI 53186 (262) 754-8888	ALTA/NSPS LAND	<u>1</u> <u>REVISED TITLE</u> <u>02/17/2020</u>	04/	1	
PINNACLE ENGINEERING GROUP		TITLE SURVEY		PM PM	of C	UR
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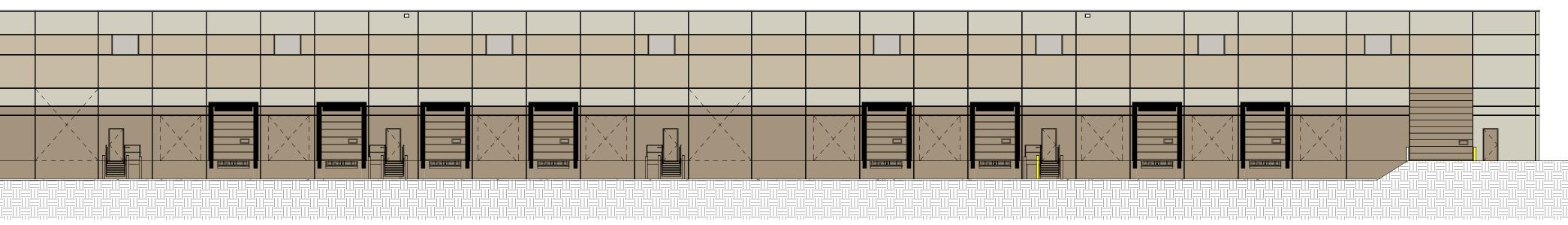


# EAST ELEVATION

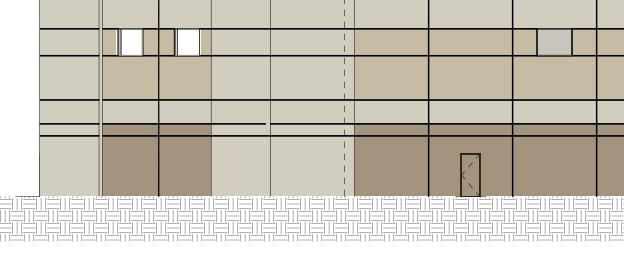
# NORTH ELEVATION



# WEST ELEVATION







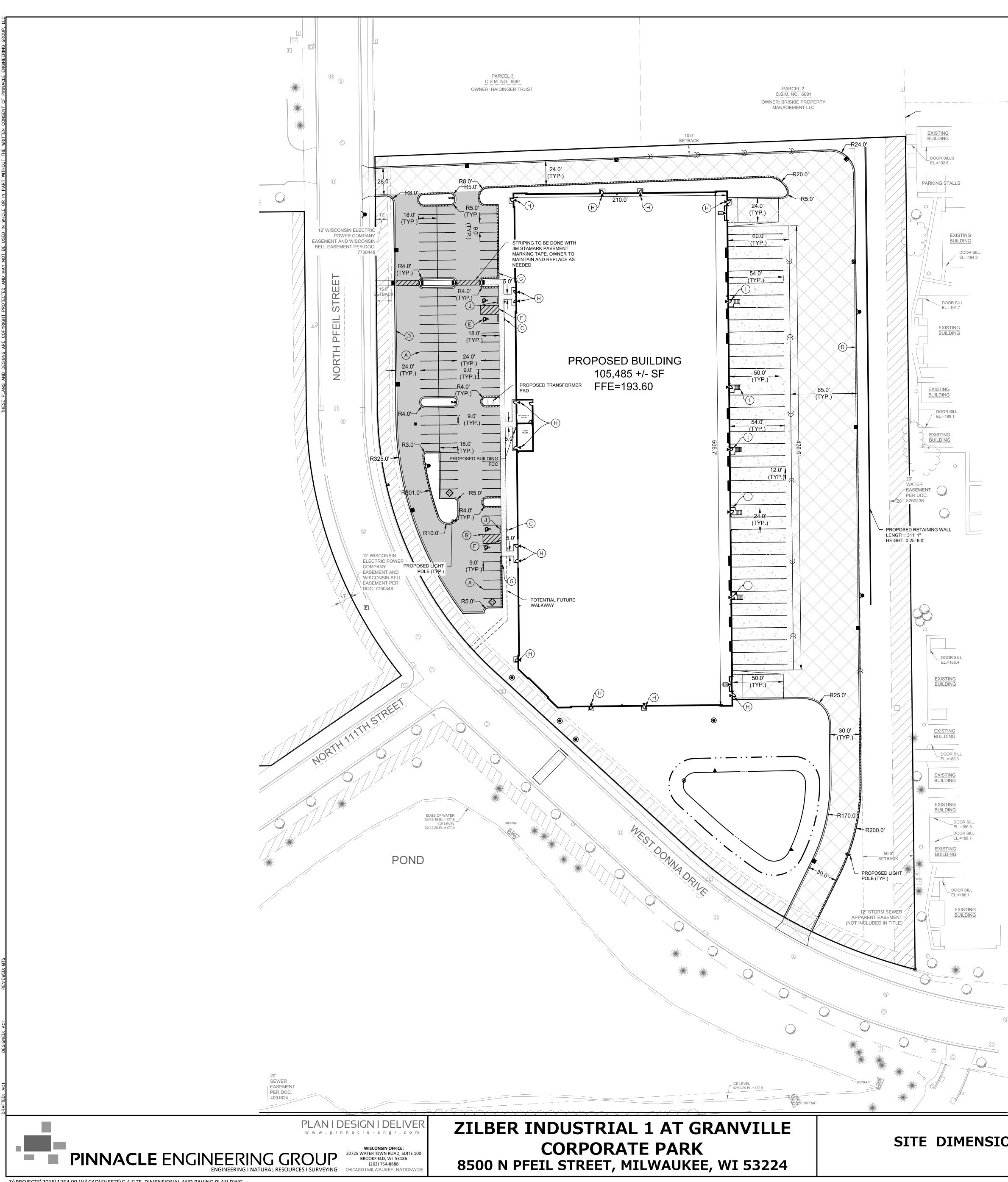
# SOUTHWEST ELEVATION

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# WEST ENTRY ELEVATION

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	LEGE	ND		
	LIGHT DUTY ASPHALT PAVEMENT - 8" CRUSHED AGGREGATE BASE COURSE (1-1/4" DENSE GRADED LIMESTONE) - 3-½" ASPHALTIC CON. (2 LIFTS)	F	WALK FLUS	SH WITH PAVEMENT
	2" LOWER LAYER (3 LT 58-S8 S) 1- ½" UPPER LAYER (5 LT 58-28 S)	G	TAPER CUR	B HEAD (SEE DETAIL)
	HEAVY DUTY ASPHALT PAVEMENT -10" CRUSHED AGGREGATE BASE COURSE (1-1/4" DENSE GRADED LIMESTONE)	(H)	BUILDING OR MAN DO	DOOR SLAB (2% MAX )OR)
	- 4 ½" ASPHALTIC CONC. (2 LIFTS) 3" LOWER LAYER (3 MT 58-S8 S) 1 ½" UPPER LAYER (5 MT 58-28 S)		STEEL STEE FOR DETAI	PS WITH HANDRAIL (S LS)
	CONCRETE SIDWALK - 4" CRUSHED AGGREGATE BASE COURSE (1-1/4" DENSE GRADED LIMESTONE) - 5" PCC	J	CONCRETE	WHEEL STOP (SEE DE
		(16)	PARKING C	OUNT (FOR INFORMA
	<b>CONCRETE PAVEMENT</b> - 6" CRUSHED AGGREGATE BASE COURSE (1-1/4" DENSE GRADED LIMESTONE) - 8" AVERAGE THICKNESS PCC (4000 PSI)	<b></b>	MAN DOOR	
	CITY CONCRETE SIDEWALK - SEE CITY SIDEWALK DETAIL		OVERHEAD	DOOR REVERSE PITCH CURB 8
A	4" SOLID WHITE STRIPE	_		STANDARD CURB & GUT
B	4" DIAGONAL AT 45° SPACED 2' O.C.			
C	ADA PARKING STALL SIGNAGE			
	18" CURB & GUTTER (SEE DETAIL)			
E	ADA STALL INSIGNIA			

SITE DATA			
SITE AREA:	7.60 AC		
DISTURBANCE LIMITS:	7.15 AC		
BUILDING AREA:	2.42 AC		
PROPOSED CAR PARKING SPACES:	94 SPACES (4 A.D.A.)		
PROPOSED TRUCK SPACES:	25 SPACES		
GRASS AREA:	2.41 AC		
TOTAL IMPERVIOUS AREA:	5.19 AC		
GREEN SPACE (%)	31.70%		

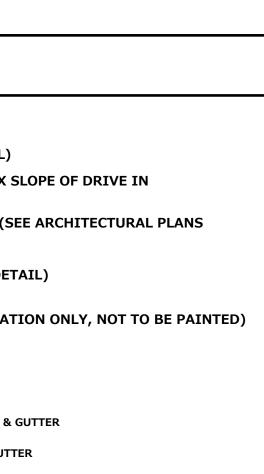
**CONSTRUCTION NOTES LOCATED ON SHEET C-2** 

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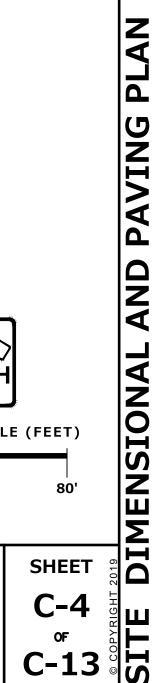
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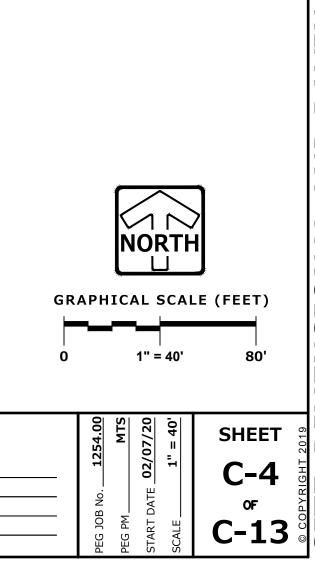
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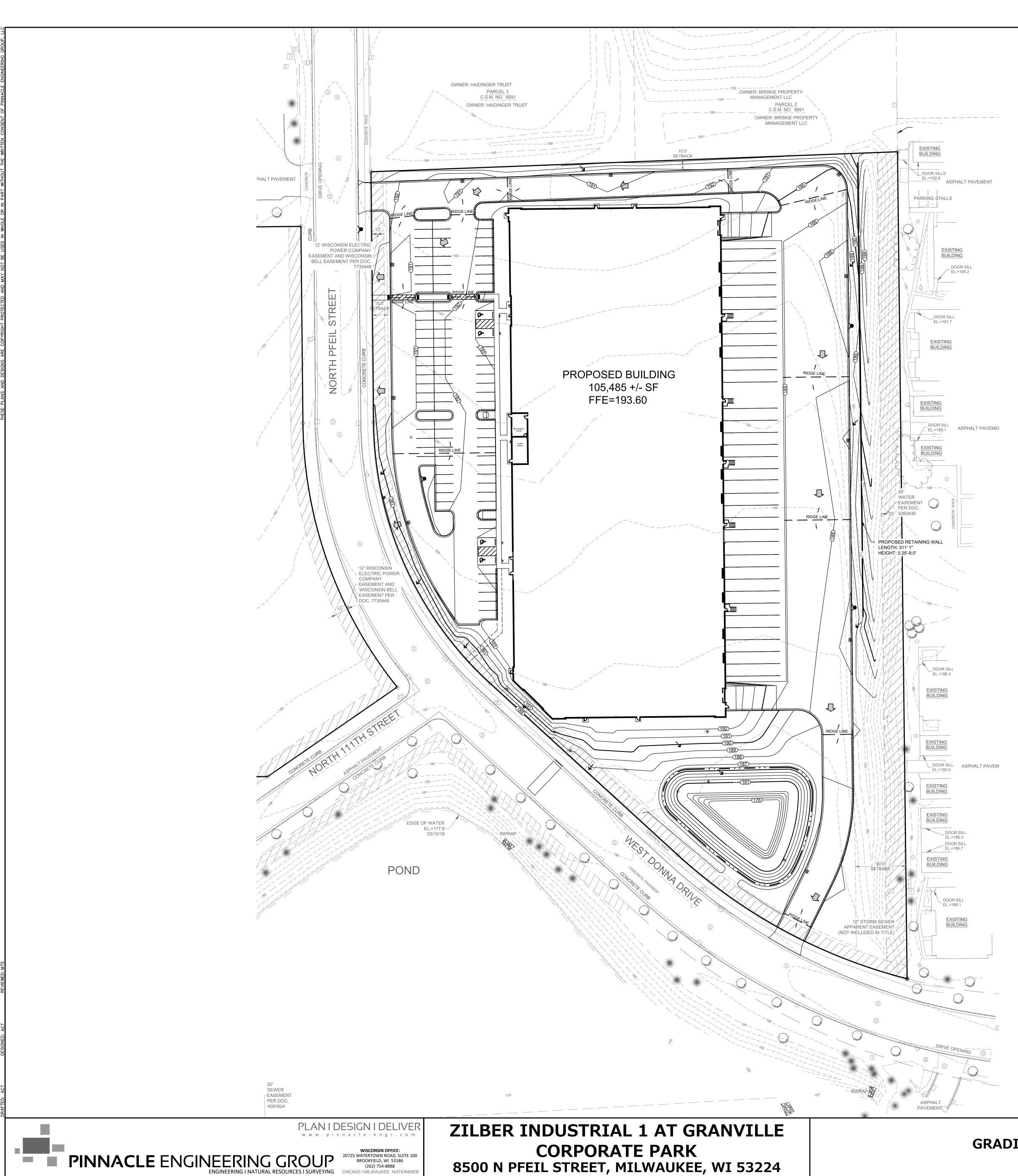
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	STORM SEWER CATCH BASIN (RECTANGULAR CASTING)	>>>>	- DIVERSIC
►	PRECAST FLARED END SECTION		OVERFLC
	CLEANOUT	V	
	VALVE BOX		
>	FIRE HYDRANT		
749	PROPOSED CONTOUR		
<del>•</del> 750.0	PROPOSED SPOT ELEVATION		
	- WETLANDS		
	- FLOODPLAIN		
<u> </u>	- HIGH WATER LEVEL (HWL)		

# CONSTRU

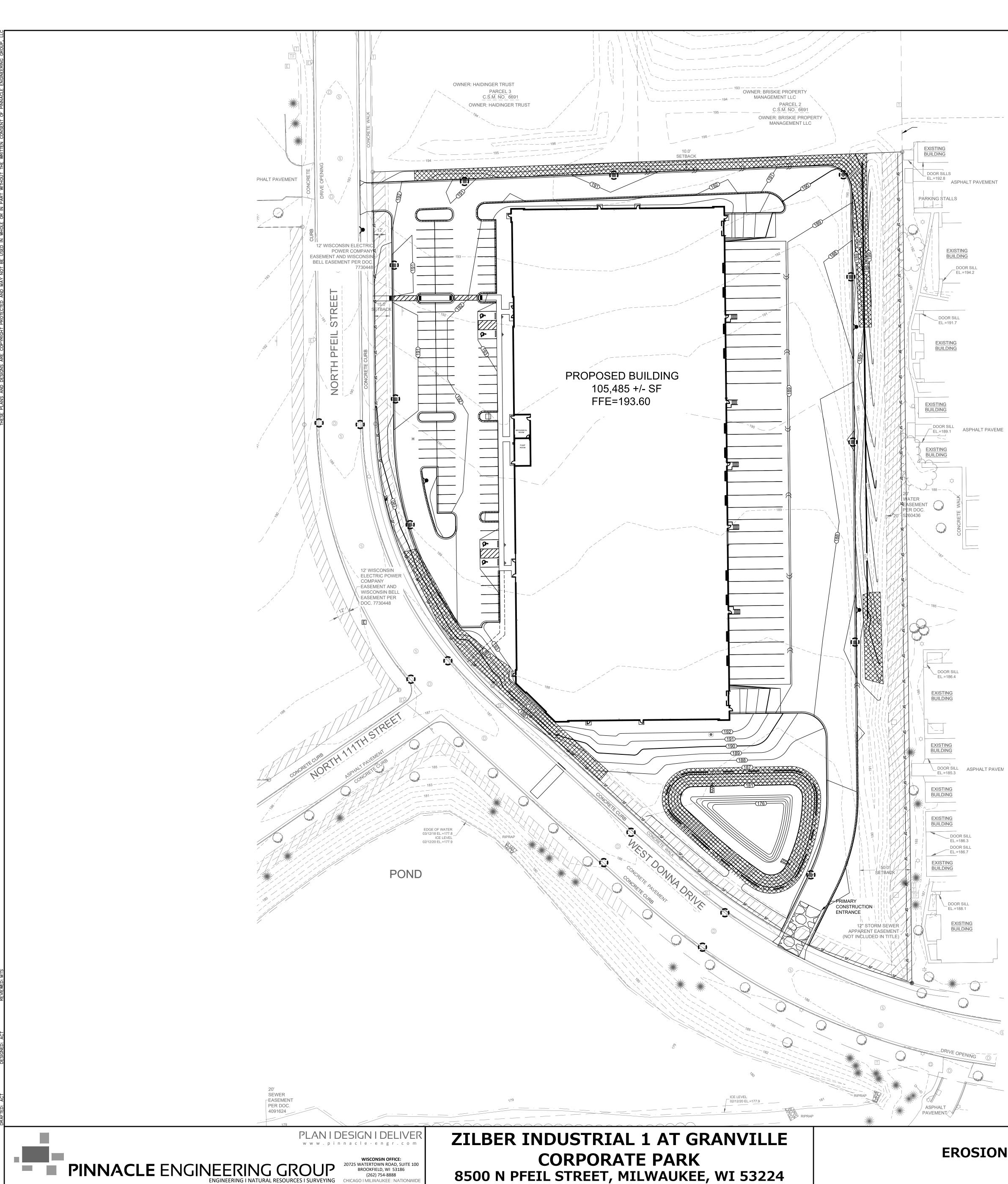
- INSTALL PERIMET CONSTRUCTION ENT
- 2. DEMOLITION AND RE
- 3. CONDUCT ROUGH SEDIMENT TRAPS/BA
- 4. CONSTRUCTION OF
- 5. INSTALL UTILITY P PROTECTION.
- 6. COMPLETE FINAL PLACEMENT OF CUR
- 7. INSTALL TOPSOIL AREAS WITH EROSIC
- 8. EROSION CONTRO CONSTRUCTION IS ESTABLISHED VEGE
- CONTRACTOR MAY COMPLETE CONSTR ACCORDANCE WIT REQUIREMENTS.

# **CONTRACTOR RESPONSI CONSTRUCTION NOTES**

••••	NORMAL WATER	LEVEL (NWL	)	-
→ → →	DITCH OR SWAL		W	
GRASS PAVEMENT	DIVERSION SWA			
$\Box \rangle$	OVERFLOW RELI	EF ROUTING		
JCTION			TNG	7
ER SILT FENC	E, INLET PROT	ECTION, TE	MPORARY	-
TRANCE AND ANY	OTHER EROSION C	ONTROL ME	ASURES	
GRADING EFFO	RTS AND INSTAL			
FOUNDATIONS AN				
PIPING AND STRU	ICTURES, IMMEDI	ATELY INST.	ALL INLET	
GRADING, INSTA RBS, PAVEMENTS,		VEL BASE	COURSES,	
AND LANDSCAPIN ON CONTROLS.		STABILIZE [	DISTURBED	
DL MEASURES SH S COMPLETE WI ETATIVE COVER.				
MODIFY SEQUE				
TH THE CONS				
IBILITY	: SEE AI	DITI	ONAL	7
LOCATE	D ON S	HEET	C-2	
NORT	ン H			
GRAPHICAL SCA				
0 1" = 40'	80'			
ONS		8	MTS 7/20 = 40'	SHEET
		1254.00	PEG PMMTS START DATE02/07/20 SCALE1" = 40'	C-5
		PEG JOB No	PM XT DATE _E	OF
		Bed	PEG PM . START [ SCALE _	<b>C-1</b> 3

	REVISIONS		
GRADING PLAN	1       MUNICIPAL SUBMITTAL         2       BID SET         3       REV PER STAFF COMMENTS	03-16-20	

© COPYRIGHT 2019



Z:\PROJECTS\2018\1254.00-WI\CAD\SHEETS\C-9 EROSION CONTROL PLAN.DWG

	LEGEN	ND	
٢	SANITARY SEWER MANHOLE	<u> </u>	NC
۲	STORM SEWER MANHOLE		DIT
•	STORM STORM CATCH BASIN (ROUND CASTING)	>>>>	· DI\
	STORM SEWER CATCH BASIN (RECTANGULAR CASTING)	SF	- SIL
►	PRECAST FLARED END SECTION	$\bigcirc$	ΤY
	CLEANOUT		СС
	VALVE BOX	20209	
>	FIRE HYDRANT		HY (Pi
749	PROPOSED CONTOUR		ER
<del>. ф</del> 750.0	PROPOSED SPOT ELEVATION		(N
	WETLANDS		RIF
		$\vdash \rightarrowtail$	1 XII
·	HIGH WATER LEVEL (HWL)		

# CONTRACTOR RESPONSIBILITY: SEE ADDITIONAL **CONSTRUCTION NOTES LOCATED ON SHEET C-2**

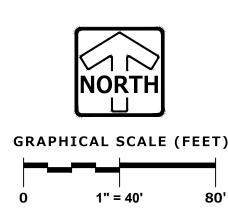
# **CONSTRUCTION SITE SEQENCING**

- . INSTALL PERIMETER SILT FENCE, INLET PROTECTION, TEMPORARY CONSTRUCTION ENTRANCE AND ANY OTHER EROSION CONTROL MEASURES
- 2. DEMOLITION AND REMOVALS OF LANDSCAPING.
- 3. CONDUCT ROUGH GRADING EFFORTS AND INSTALL CHECK DAMS AND SEDIMENT TRAPS/BASINS AS NEEDED.
- 4. CONSTRUCTION OF FOUNDATIONS AND BUILDING.
- 5. INSTALL UTILITY PIPING AND STRUCTURES, IMMEDIATELY INSTALL INLET PROTECTION.
- 6. COMPLETE FINAL GRADING, INSTALLATION OF GRAVEL BASE COURSES, PLACEMENT OF CURBS, PAVEMENTS, WALKS, ETC.
- 7. INSTALL TOPSOIL AND LANDSCAPING. IMMEDIATELY STABILIZE DISTURBED AREAS WITH EROSION CONTROLS.
- 8. EROSION CONTROL MEASURES SHALL BE REMOVED ONLY AFTER SITE CONSTRUCTION IS COMPLETE WITH ALL SOIL SURFACES HAVING AN ESTABLISHED VEGETATIVE COVER.

CONTRACTOR MAY MODIFY SEQUENCING AFTER ITEM 1 AS NEEDED TO COMPLETE CONSTRUCTION IF EROSION CONTROLS ARE MAINTAINED IN ACCORDANCE WITH THE CONSTRUCTION SITE EROSION CONTROL REQUIREMENTS.

### NOTE :

REMAINING DISTURBED AREAS OF SLOPES 5:1 OR FLATTER TO BE HYDROSEEDED



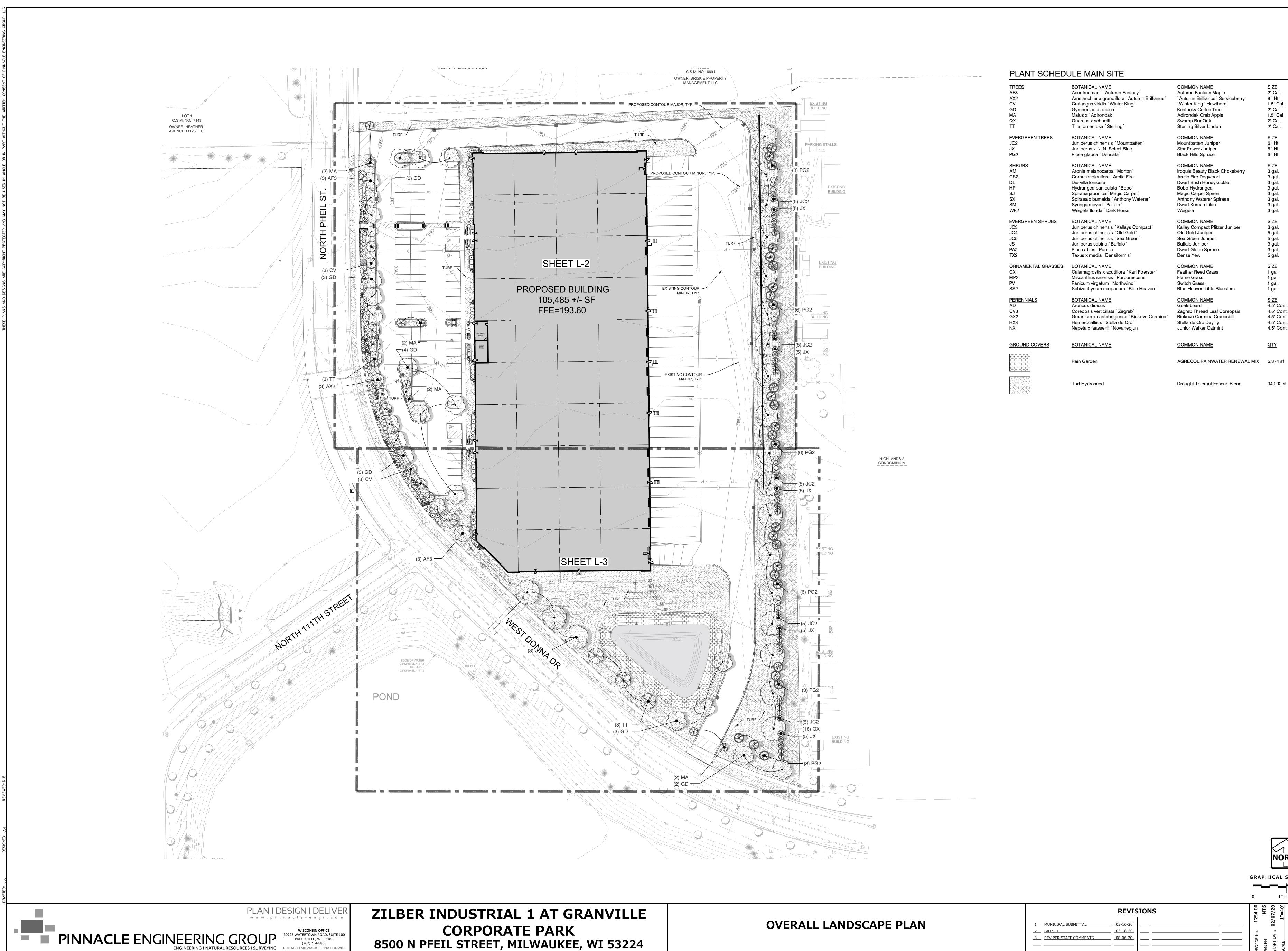
	REVISIONS		
SION CONTROL PLAN	1         MUNICIPAL SUBMITTAL         03-16-20           2         BID SET         03-18-20           3         REV PER STAFF COMMENTS         08-06-20		

ASPHALT PAVEME

DRMAL WATER LEVEL (NWL) ITCH OR SWALE VERSION SWALE ILT FENCE YPE D INLET PROTECTION ONSTRUCTION ENTRANCE YDROSEED PER MANUFACTURER SPECIFICATIONS) ROSION CONTROL BLANKET NORTH AMERICAN GREEN S75 OR EQUAL) P RAP







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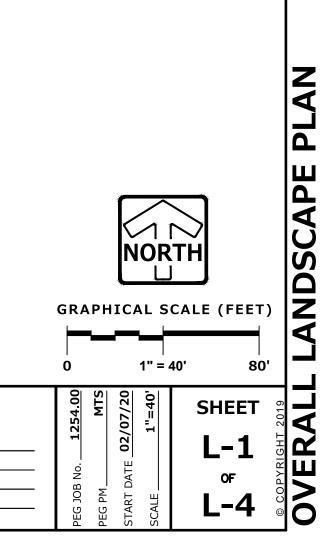
VERALL LANDSCAPE PLAN	1 MUNICIPAL SUBMITTAL	
	_2 BID SET	_0
	3 REV PER STAFF COMMENTS	_0

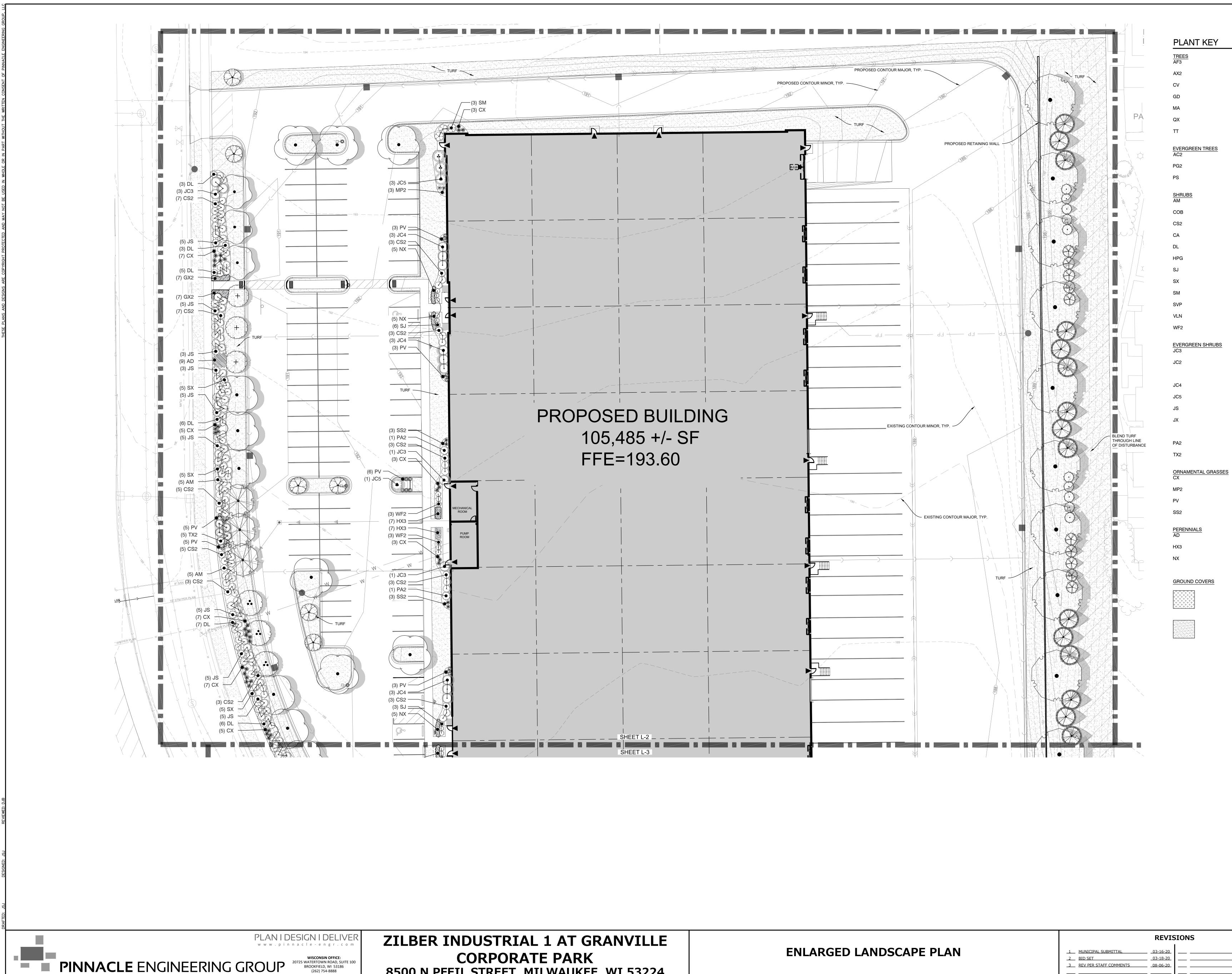
Naple e`Serviceberry vthorn ree pple den	<u>SIZE</u> 2" Cal. 8` Ht. 1.5" Cal. 2" Cal. 1.5" Cal. 2" Cal. 2" Cal.	QTY 6 3 6 18 8 21 6
per er	<u>SIZE</u> 6` Ht. 6` Ht. 6` Ht.	<u>QTY</u> 25 25 27
ck Chokeberry od ysuckle ea Spiraea	<u>SIZE</u> 3 gal. 3 gal. 3 gal. 3 gal. 3 gal. 3 gal. 3 gal. 3 gal.	QTY 10 56 38 5 12 20 6 6
fitzer Juniper r ce	<u>SIZE</u> 3 gal. 5 gal. 5 gal. 3 gal. 3 gal. 5 gal.	QTY 8 12 7 56 2 5
ss Bluestem	<u>SIZE</u> 1 gal. 1 gal. 1 gal. 1 gal.	QTY 57 6 35 6
af Coreopsis Cranesbill ily mint	SIZE 4.5" Cont. 4.5" Cont. 4.5" Cont. 4.5" Cont. 4.5" Cont.	<u>QTY</u> 9 5 14 14 20
	QTY	

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94,202 sf





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GINEERING I NATURAL RESOURCES I SURVEYING

CHICAGO I MILWAUKEE : NATIO

8500 N PFEIL STREET, MILWAUKEE, WI 53224

	1	
MUNICIPAL SUBMITTAL	03-16-20	_
BID SET	03-18-20	_
REV PER STAFF COMMENTS	08-06-20	_

BOTANICAL / COMMON NAME Acer freemanii `Autumn Fantasy` Autumn Fantasy Maple Amelanchier x grandiflora `Autumn Brilliance` `Autumn Brilliance` Serviceberry Crataegus viridis `Winter King` `Winter King` Hawthorn Gymnocladus dioica Kentucky Coffee Tree Malus x <sup>`</sup>Adirondak` Adirondak Crab Apple Quercus x schuetti Swamp Bur Oak Tilia tomentosa `Sterling` Sterling Silver Linden BOTANICAL / COMMON NAME Abies concolor White Fir Picea glauca `Densata` Black Hills Spruce Pinus strobus White Pine **BOTANICAL / COMMON NAME** Aronia melanocarpa `Morton` Iroquis Beauty Black Chokeberry Cephalanthus occidentalis Buttonbush Cornus stolonifera `Arctic Fire` Arctic Fire Dogwood Corylus americana American Hazelnut Diervilla lonicera Dwarf Bush Honeysuckle Hydrangea paniculata `Grandiflora` Panicle Hydrangea Spiraea japonica `Magic Carpet` Magic Carpet Spirea Spiraea x bumalda `Anthony Waterer` Anthony Waterer Spiraea Syringa meyeri `Palibin` Dwarf Korean Lilac Syringa vulgaris Common Purple Lilac Viburnum lentago Nannyberry Viburnum Weigela florida `Dark Horse` Weigela BOTANICAL / COMMON NAME Juniperus chinensis `Kallays Compact` Kallay Compact Pfitzer Juniper Juniperus chinensis `Mountbatten` Mountbatten Juniper Juniperus chinensis `Mountbatten` Mountbatten Juniper Juniperus chinensis `Old Gold` Old Gold Juniper Juniperus chinensis `Sea Green` Sea Green Juniper Juniperus sabina `Buffalo` Buffalo Juniper Juniperus x `J.N. Select Blue` Star Power Juniper Juniperus x `J.N. Select Blue` Star Power Juniper Picea abies `Pumila` Dwarf Globe Spruce Taxus x media `Densiformis` Dense Yew BOTANICAL / COMMON NAME Calamagrostis x acutiflora `Karl Foerster`

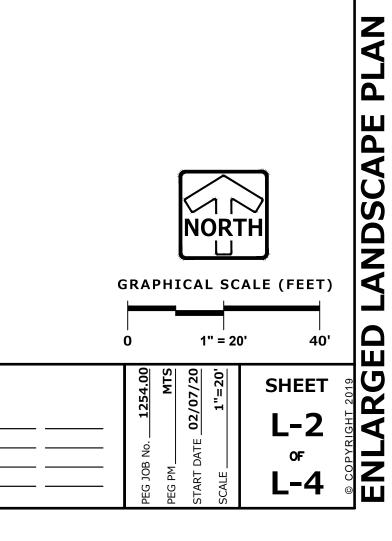
Feather Reed Grass Miscanthus sinensis `Purpurescens` Flame Grass Panicum virgatum `Northwind` Switch Grass Schizachyrium scoparium `Blue Heaven` Blue Heaven Little Bluestem BOTANICAL / COMMON NAME Aruncus dioicus

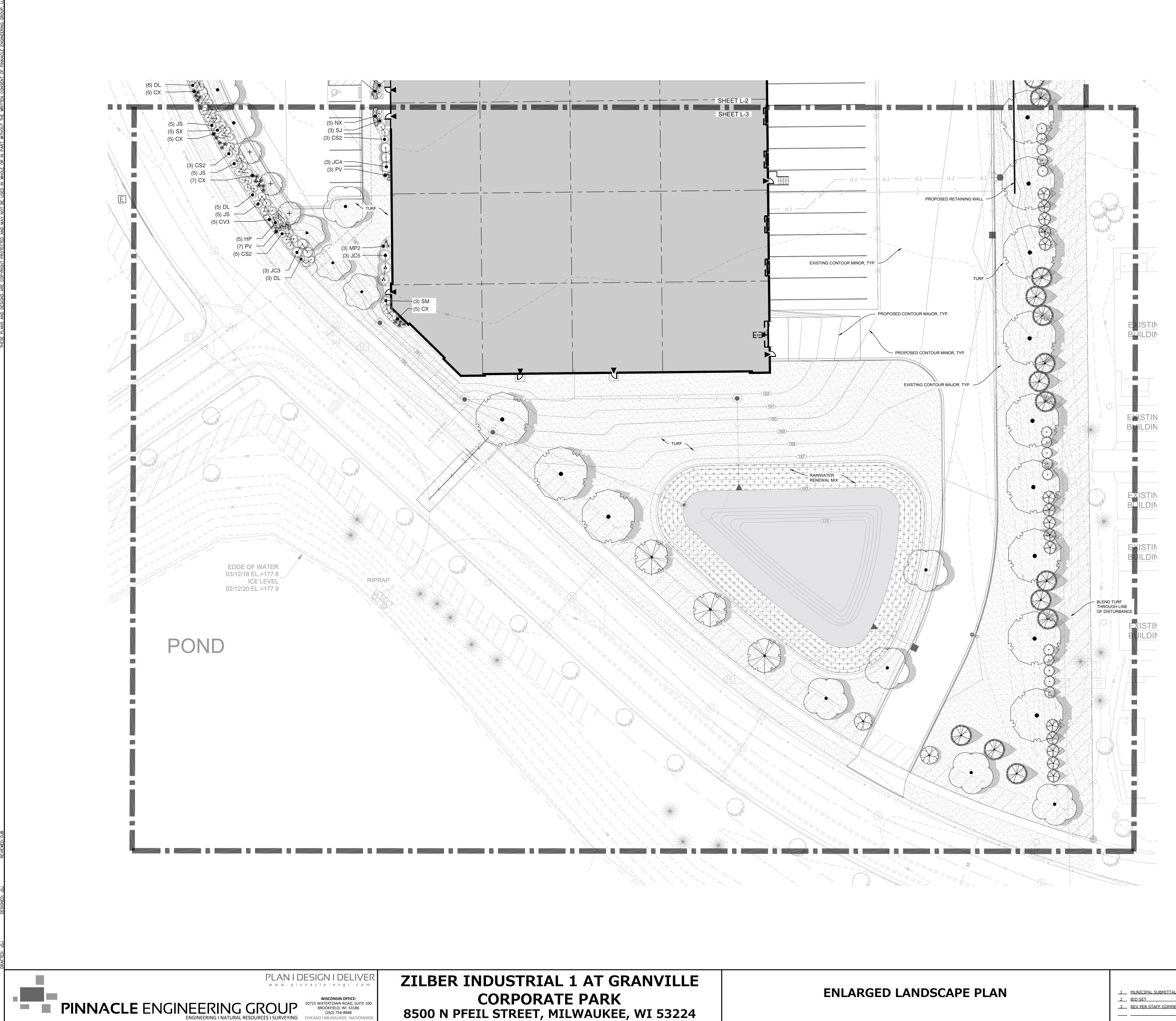
Goatsbeard Hemerocallis x `Stella de Oro` Stella de Oro Daylily Nepeta x faassenii `Novanepjun` Junior Walker Catmint

BOTANICAL / COMMON NAME

Rain Garden AGRECOL RAINWATER RENEWAL MIX

Turf Hydroseed Drought Tolerant Fescue Blend





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<u>TREES</u> AF3
AX2
CV
GD
МА
QX
TT
EVERGREEN TREES
PG2
PS
<u>SHRUBS</u> AM
СОВ
CS2
CA
DL
HPG
SJ
SX
SM
SVP
VLN
WF2
EVERGREEN SHRUBS
JC3
JC3
JC3 JC2
JC3 JC2 JC4
JC3 JC2 JC4 JC5
JC3 JC2 JC4 JC5 JS
JC3 JC2 JC4 JC5 JS
JC3 JC2 JC4 JC5 JS JX
JC3 JC2 JC4 JC5 JS JX PA2 TX2
JC3 JC2 JC4 JC5 JS JX PA2
JC3 JC2 JC4 JC5 JS JX PA2 TX2 ORNAMENTAL GRASSES
JC3 JC2 JC4 JC5 JS JX PA2 TX2 ORNAMENTAL GRASSES CX
JC3 JC2 JC4 JC5 JS JX PA2 TX2 ORNAMENTAL GRASSES CX MP2
JC3 JC2 JC4 JC5 JS JX PA2 TX2 ORNAMENTAL GRASSES CX MP2 PV
JC3 JC2 JC4 JC5 JS JX PA2 TX2 ORNAMENTAL GRASSES CX MP2 PV SS2 PERENNIALS
JC3 JC2 JC4 JC5 JS JS JX PA2 TX2 PA2 TX2 ORNAMENTAL GRASSES CX MP2 PV SS2 PERENNIALS AD
JC3 JC2 JC4 JC5 JS JS JX PA2 TX2 PA2 TX2 ORNAMENTAL GRASSES CX MP2 PV SS2 PERENNIALS AD HX3
JC3 JC2 JC4 JC5 JS JS JX PA2 TX2 PA2 TX2 ORNAMENTAL GRASSES CX MP2 PV SS2 PERENNIALS AD HX3
JC3         JC2         JC4         JC5         JS         JX         PA2         TX2         ORNAMENTAL GRASSES         CX         MP2         PV         SS2         PERENNIALS         AD         HX3         NX

GROUND COVER	٢S
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		NEVISIONS		
_1	MUNICIPAL SUBMITTAL	03-16-20		
2	BID SET	03-18-20		
_3	REV PER STAFF COMMENTS	08-06-20		

# REVISIONS

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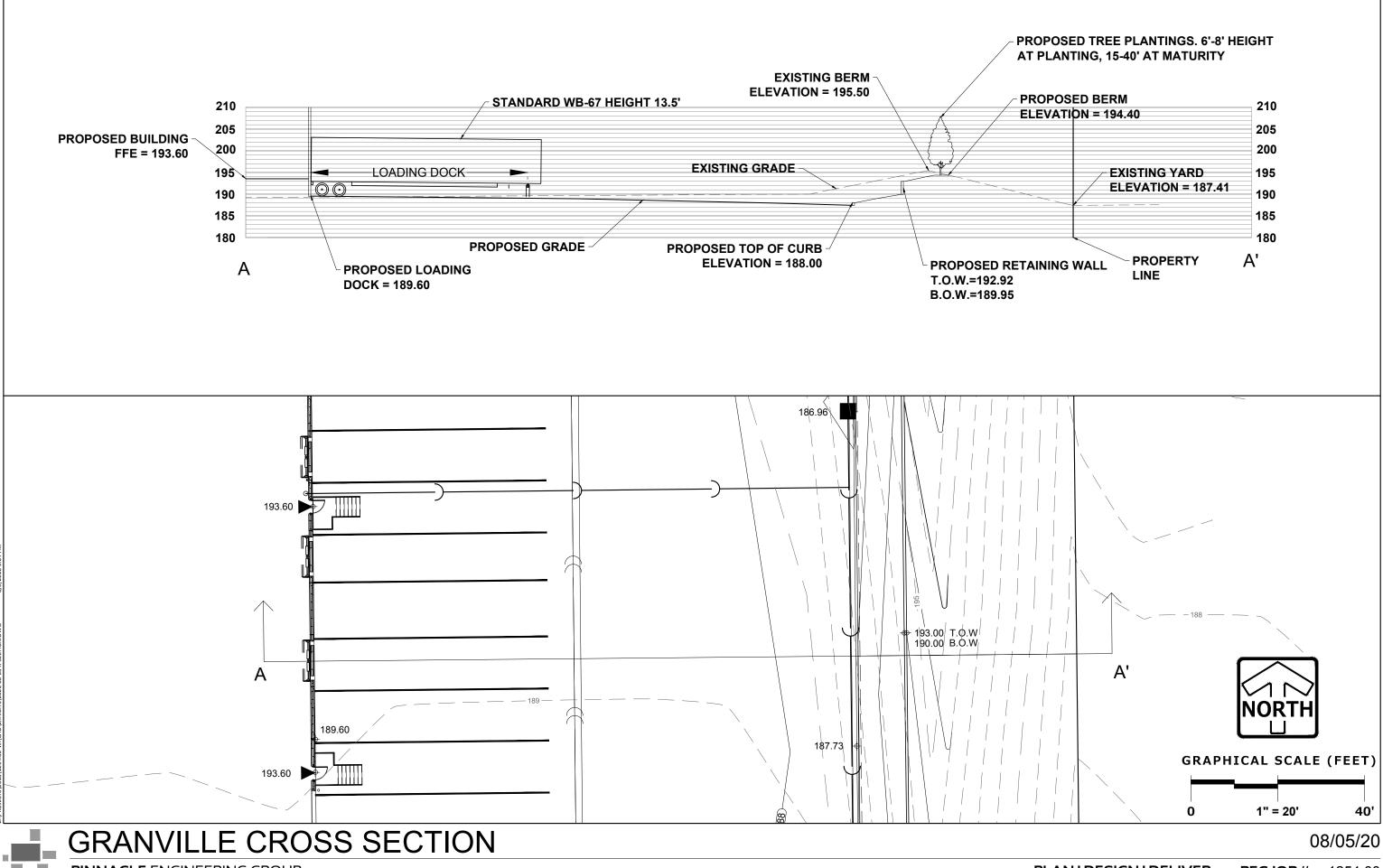


40'

SHEET

L-3

L-4



**PINNACLE** ENGINEERING GROUP

20725 WATERTOWN ROAD | SUITE 100 | BROOKFIELD, WI 53186 | WWW.PINNACLE-ENGR.COM |









