# 2024 Green Infrastructure Upgrades Lincoln Avenue School, Site #250 1817 W. Lincoln Avenue Milwaukee, WI 53215

# JANUARY 25, 2024 100% CONSTRUCTION DOCUMENTS

MPS Project Number: 8319 SmithGroup Project Number: 14895

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Prepared for:



Milwaukee Public Schools 5225 W. Vliet Street Milwaukee, WI 53208 Switchboard: (414) 475-8393

# Prepared by:

# SMITHGROUP

233 NORTH WATER STREET SUITE 502 MILWAUKEE, WI 53202 414.615.9570 www.smithgroup.com



1836 W. FOND DU LAC AVE. MILWAUKEE, WI 53205 414.622.0103

#### DEDUCT ALTERNATES

DEDUCT ALTERNATE 1 - 18TH AVENUE STREET TREES

BASE BID INCLUDES THE FULL INSTALLATION OF TREES AND VEGETATION PROPOSED FOR THE EAST SIDE OF THE SCHOOL ALONG 18TH AVENUE AS INDICATED ON THE PLANS. UNDER THE DEDUCT ALTERNATE:

THIS AREA SHALL REMAIN AS EXISTING WITH NO LANDSCAPE IMPROVEMENTS.

DEDUCT ALTERNATE 2 - FRONT ENTRANCE IMPROVEMENTS

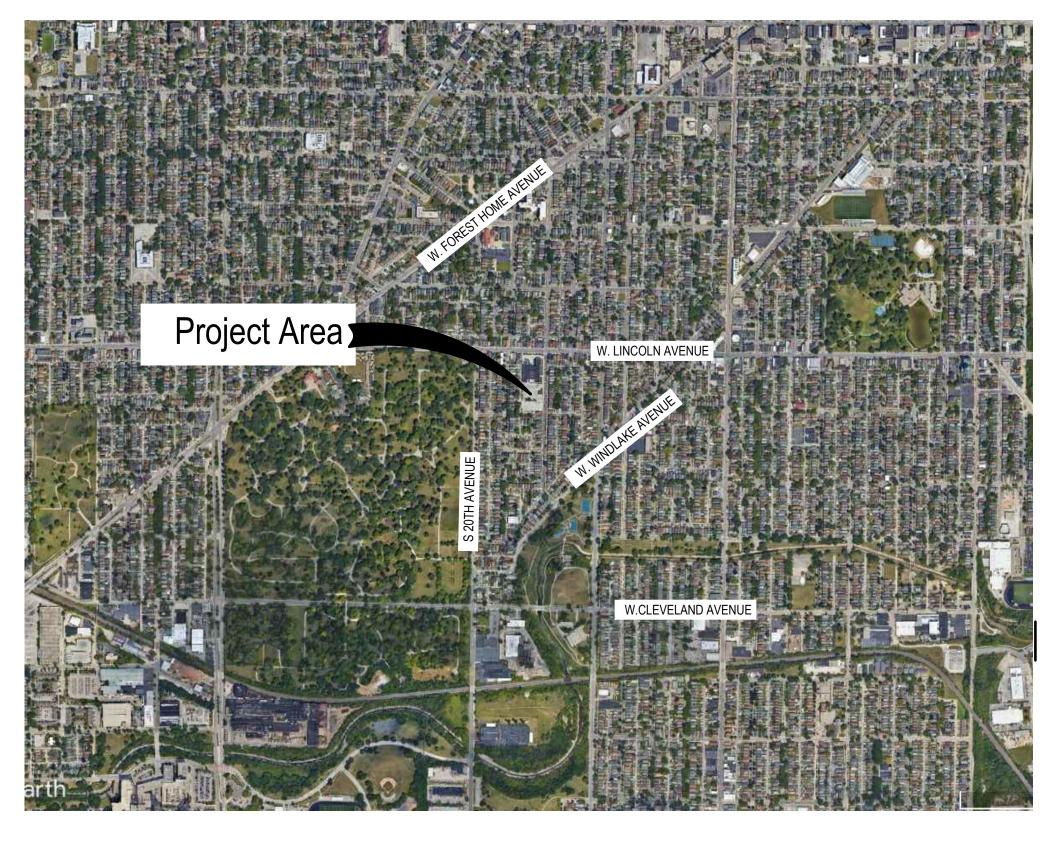
BASE BID INCLUDES ALL FEATURES OF THE FRONT ENTRANCE CLASSROOM AS INDICATED ON THE PLANS.

DEDUCT ALTERNATE INCLUDES: - FOUR-SQUARE PAVEMENT MARKINGS. ALL OTHER IMPROVEMENTS WITHIN THIS ZONE SHALL BE DELETED FROM THE BID, INCLUDING ASPHALT REMOVAL, TOPSOIL, GRADING, PICNIC TABLES, AND LANDSCAPING.

DEDUCT ALTERNATE 3 - NATURE PLAY

BASE BID INCLUDES THE FULL INSTALLATION OF NATURE PLAY AREA AS INDICATED ON THE PLANS. DEDUCT ALTERNATE INCLUDES:

- INSTALLATION OF CONCRETE CURB, ENGINEERED WOOD FIBER, ADA RAMP PRODUCT, AND UNDERDRAIN ONLY. NO INSTALLATION OF NATURE PLAYGROUND PLAY FEATURES.





PROJECT VICINITY MAP

FEET

PROJECT LOCATION MAP



100 20

A		JT	JOINT	T/F	TOP OF FOOTING
ABD	ABANDONED	L		T/S	TOP OF SWALE
ABS	ACRYLONITRILE BUTADIENE STYRENE	L	LENGTH	- T/W	TOP OF WALL
AC	ACRES	LF	LINEAR FEET	TYP.	TYPICAL
ADA	AMERICANS WITH DISABILITIES ACT	LPT	LOW POINT	U	
ANLA	AMERICAN NURSERY AND LANDSCAPE	LN	LANE	UD	UNDERDRAIN
APPRO	ASSOCIATION	LT	LIGHT	UTIL	UTILITY
X	APPROXIMATE	LTG	LIGHTING	V	
ARCH	ARCHITECT(URAL)	LVC	LENGTH OF VERTICAL CURVE	V/B:	VALVE BOX
ANSI	AMERICAN NATIONAL STANDARDS	Μ		VERT	VERTICAL
ANO	INSTITUTE	MAS	MASONRY	W	
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	MATL	MATERIAL	W	WEST
В		MAX	MAXIMUM	WSE	WATER SURFACE ELEVATION
B.M.	BENCHMARK	M.E.	MATCH EXISTING	WM	WATER MAIN
BIT	BITUMINOUS	MED	MEDIUM	W/O	WITHOUT
BLDG	BUILDING	MFR	MANUFACTURER	WWF	WELDED WIRE FABRIC
B/F	BOTTOM OF FOOTING	MH	MANHOLE	Y	
B/S	BOTTOM OF SWALE	MIN	MINIMUM	YD	YARD DRAIN
	BEGINNING OF VERTICAL CURVE	MISC	MISCELLANEOUS	SYM	
BVCE	ELEVATION	MOD	MODIFIED		
BVCS	BEGINNING OF VERTICAL CURVE	Ν		BOL	DIAMETED
B/W	STATION BOTTOM OF WALL (FINISH GRADE)	Ν	NORTH, NORTHING COORDINATE	- Ø	
C		NA	NOT APPLICABLE	± ^	PLUS/MINUS
C		NIC	NOT IN CONTRACT	Δ	DELTA
СВ	CATCH BASIN	N.T.S.	NOT TO SCALE		
CI	CURB INLET	0			
CIP	CAST IRON PIPE	0.C.	ON CENTER	-	
CL	CLASS				
CMP	CORRUGATED METAL PIPE	O.D.	OUTER DIAMETER		
CON	CONDENSATE	OFF	OFFSET		
СО	CLEANOUT	OPT	OPTIONAL		
CONC	CONCRETE	P		-	
CONTR	CONTRACTOR	PC	POINT OF CURVATURE (POC)		
CU FT	CUBIC FOOT	PED	PEDESTRIAN		
CURV	CURVATURE	PERF	PERFORATED		
CU YD	CUBIC YARD	PERP	PERPENDICULAR		
CWR	CHILLED WATER RETURN	PLMB	PLUMBING		
CWS	CHILLED WATER SUPPLY	PREFAB	PREFABRICATED		
D		PREP	PREPARATION		
DEMO	DEMOLISH	PROJ	PROJECTED		
DEPT	DEPARTMENT	PROP	PROPOSED		
DIA	DIAMETER	PSF	POUNDS PER SQUARE FOOT		
DIP	DUCTILE IRON PIPE	PSI	POUNDS PER SQUARE INCH		
DWG	DRAWING	PT	POINT, POINT OF TANGENCY (POT)		
	DIAWING	PVC	POINT OF VERTICAL CURVATURE,		
E			POLYVINYL CHLORIDE		
E	EAST, EASTING COORDINATE	PVI	POINT OF VERTICAL INTERSECTION		
EA	EACH	PVMT	PAVEMENT		
EG	EXISTING GRADE	PWR	POWER		
ELEV		Q		_	
E/P	EDGE OF PAVEMENT (EDGE OF METAL)	QTY	QUANTITY		
EQ	EQUAL	R			
	EXTRA STRENGTH VITRIFIED CLAY	RAD	RADIUS	-	
ESVCP	PIPE	RCP	REINFORCED CONCRETE PIPE		
EVCE	END OF VERTICAL CURVE ELEVATION	RCPT	RECEPTACLE		
EVCS	END OF VERTICAL CURVE STATION	RD	ROAD		
EX	EXISTING	REF	REFERENCE		
F		REINF	REINFORCED, REINFORCEMENT		
FF:	FINISH FLOOR ELEVATION	REM	REMOVE		
FG	FINISH FLOOR ELEVATION	REQD	REQUIRED		
FG FHWA	FEDERAL HIGHWAY ADMINISTRATION	RIM:	RIM ELEVATION		
FLASH	FLASHING	ROW	RIGHT OF WAY		
FM	FORCE MAIN	S			
FT	FOOT, FEET	<u>s</u>		-	
FURN	FURNISHING		SOUTH		
-		SAN	SANITARY SEWER		
G		SCH	SCHEDULE		
GALV	GALVANIZED	SECT	SECTION		
GAS	NATURAL GAS	SESC	SOIL EROSION AND SEDIMENTATION		
G/C:	GUTTER OF CURB (FLOWLINE)	SIM	SIMILAR		
GVL	GRAVEL	SP	SPACE, SPACED, SPACING		
Н		SQ FT	SQUARE FEET		
Н	HIGH	SQ YD	SQUARE YARD		
HB	HOSE BIBB	SQTD	STREET		
HCAP	ADA HANDICAP	STLT	STREET LIGHT		
HDPE	HIGH-DENSITY POLYETHYLENE	STL	STATION		
HMA	HOT MIX ASPHALT	STA	STATION STAGGER, STAGGERED		
HORZ	HORIZONTAL	STAG			
HP	HIGH POINT		STANDARD		
HT	HEIGHT	STL	STEEL		
111 1		SSL	STAINLESS STEEL		
I		STM	STORM SEWER		
I.D.	INNER DIAMETER	STRUC T	STRUCTURAL		
IN	INCH, INCHES	I SUBCO			
INCL	INCLUDE, INCLUDING	NTR	SUBCONTRACTOR		
INL	INLET	SWPPP	STORMWATER POLLUTION		
INV:	PIPE INVERT ELEVATION	300444	PREVENTION PLAN		
IRR	IRRIGATION	Т			
חחו				-	
		Т	TELECOM		
K K	K VALUE	T T/C	TELECOM TOP OF CURB		

#### PROPERTY LINE - - LIMITS OF CONSTRUC X TREE REMOVAL PROTECT X REMOVE $- \mathbf{\Lambda}$ RELOCATE ムム LAYOUT ASPHALT PAVEMENT CONCRETE PAVEMEN REINFORCED CONCRE ENGINEERED WOOD F + ] SYNTHETIC TURF + + + + PAVEMENT MARKING EXISTING BUILDING EN EQUIPMENT LOW ROPE FENCE

SITE PREPARATION SYMBOLS			GRADING SYMBOLS		
PROPERTY LINE		ASPHALT PAVEMENT REMOVAL CONCRETE PAVEMENT REMOVAL RAIN GARDEN REMOVAL PAVEMENT SAWCUT FENCE REMOVAL SEDIMENT CONTROL TUBE INLET PROTECTION CONSTRUCTION ENTRANCE	864 861.50 865 864	EXISTING MAJOR CONTOUR EXISTING MINOR CONTOUR EXISTING SPOT ELEVATION PROPOSED MAJOR CONTOUR PROPOSED MINOR CONTOUR GRADING LIMITS GRADE BREAK LINE	2.5% DRAINAGE SLOPE FLOW DIRECTION 861.50 PROPOSED SPOT ELEVATION T/C 861.50 TOP OF CURB ELEVATION HP 860.00 HIGH POINT LP 858.50 LOW POINT DRAINAGE SWALE Y SYMBOLS
LAYOUT AND MA         ASPHALT PAVEMENT         CONCRETE PAVEMENT         CONCRETE PAVEMENT         REINFORCED CONCRETE PAVEMENT         ENGINEERED WOOD FIBER         AUCH ON EXISTING COMPACTED BASE		STEPPING STONES ABOVE GROUND RAINWATER CISTERN WOOD BENCH (12) RELOCATED PLANTER BOX (10) EXPANDED METAL BENCH (6) EXPANDED METAL PICNIC TABLES (5) ADA RAMP AT ENGINEERED WOOD FIBER SURFACE (1)		EXISTING STORM STRUCTURE CLEANOUT CATCH BASIN WITH BEEHIVE GRATE DRAIN BASIN DRAIN PIPE INTO BIOSWALE COBBLE INLET TURF MAINTENANCE PORT ACCESS	STM       EXISTING STORM SEWER         STM       STORM SEWER, SIZE AS INDICATED ON THE PLAN         UD       PERFORATED UNDERDRAIN, SIZE AS INDICATED ON THE PLAN         Image: Structure       ENGINEERED SOIL         Image: Structure       R-TANK UNDERGROUND CISTERN
• CHAIN LINK FENCE PAVEMENT MARKING EXISTING BUILDING ENTRANCE APPROXIMATE EDGE OF PLAY EQUIPMENT LOW ROPE FENCE • EXPANSION JOINT ADEDUCT ALTERNATE		MUSICAL INSTRUMENT (3) 30" X 48" ADA CLEARANCE ZONE BOLLARD (4)		TREES         SHRUBS         VINES         EXISTING TREE TO REMAIN         LAWN - SOD         LAWN - SEED         BIOSWALE GREEN MULCH SEED MIX         TREE INSTALLATION & PROTECTION STAKING	SUBBOLS

### GENERAL NOTES

- PRIOR TO START OF PROJECT WORK, VERIFY ALL SITE CONDITIONS AND SUBMIT A PROJECT WORK PLAN TO THE OWNER FOR REVIEW AND COMMENT. PRESENT THE WORK PLAN AT THE OWNER'S PRE-CONSTRUCTION MEETING. DO NOT BEGIN PRIOR TO THE 'PRE-CONSTRUCTION MEETING' AND WRITTEN AUTHORIZATION TO PROCEED IS ISSUED BY THE OWNER.
- NOTIFY THE OWNER IN WRITING OF ANY IDENTIFIED DISCREPANCIES WITHIN THE CONSTRUCTION DOCUMENTS PRIOR TO THE START OF WORK. DURING PERFORMANCE OF THE WORK, VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE. CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS PRIOR TO STARTING WORK. IN ALL CASES WHERE A CONFLICT MAY OCCUR, THE OWNER SHALL BE NOTIFIED AND WILL INTERPRET THE INTENT OF THE CONTRACT DOCUMENTS.
- PRIOR TO THE COMMENCEMENT OF WORK, VERIFY LOCATIONS AND DEPTHS OF ALL UNDERGROUND UTILITIES THAT MAY BE AFFECTED BY CONSTRUCTION AND TAKE RESPONSIBILITY FOR DAMAGES TO SUCH UTILITIES CAUSED AS A RESULT OF CONSTRUCTION.
- TAKE ALL NECESSARY PRECAUTIONARY MEASURES TO PROTECT THE PUBLIC AND ADJACENT PROPERTIES FROM DAMAGE THROUGHOUT CONSTRUCTION, INCLUDING DAMAGES TO UTILITIES, WALKS, WALLS, DRIVES, CURBS, ETC.
- SECURE ALL NECESSARY PERMITS AND NOTIFY ALL UTILITY COMPANIES WITH UTILITIES ON THE SITE PRIOR TO THE CONSTRUCTION OF THE PROJECT. ADHERE TO ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS OR REGULATIONS PERTAINING TO THE PROJECT.
- ESTABLISH AND MAINTAIN SITE SECURITY UNTIL PROJECT ACCEPTANCE.
- USE DIMENSIONS SHOWN ON DRAWINGS FOR LAYOUT OF THE WORK. DO NOT USE SCALE DIMENSIONS FROM PLANS, SECTIONS OR DETAILS ON THE DRAWINGS.
- 8. REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS NOT SHOWN ON DRAWINGS.
- DETAILS NOTED AS TYPICAL SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY SHOWN OR NOTED OTHERWISE. WHERE NO SPECIFIC DETAIL IS SHOWN, THE CONSTRUCTION SHALL BE IDENTICAL OR SIMILAR TO THAT INDICATED FOR LIKE CASES OF CONSTRUCTION ON THIS PROJECT.
- 10. TAKE NOTE OF ALL GRADING AND DRAINAGE WAYS AND MAINTAIN THESE DRAIN WAYS FLOWS FREE OF OBSTRUCTIONS.
- COORDINATE CONSTRUCTION OF PENETRATIONS, SLEEVES, VARIATIONS IN THE SLAB ELEVATIONS, DEPRESSED AREAS. 12. DISPOSE ALL ELEMENTS DESIGNATED FOR REMOVAL IN A LEGAL
- MANNER. PROVIDE RECEIPTS AND LETTERS FROM DISPOSAL SITES TO OWNER AS REQUIRED BY THE OWNER. 13. PREPARE ALL SUBGRADES IN ACCORDANCE WITH THE
- SPECIFICATIONS. PROVIDE PROOF OF ALL REQUIRED SOIL COMPACTION TO THE OWNER.
- 14. ALL CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES.
- 15. COORDINATE WORK OF SUBCONTRACTORS AND ALL OTHER CONTRACTORS TO ENSURE ORDERLY AND EFFICIENT COMPLETIONS OF ALL WORK.
- 16. ALL ABBREVIATIONS, SYMBOLS, AND LEGENDS SHOWN ON THIS DRAWING ARE NOT NECESSARILY USED.

## 2024 GREEN INFRASTRUCTURE UPGRADES LINCOLN AVENUE SCHOOL

Owner:



# SMITHGROUP

233 NORTH WATER STREET SUITE 502 MILWAUKEE, WI 53202 414.615.9570 www.smithgroup.com



Milwaukee, WI 53205 414-622-0103

ISSUED FOR	REV	DATE
100% CD		01/25/2024
	_	

SEALS AND SIGNATURES

SITE ADDRESS

SITE # 250 1817 W. LINCOLN AVENUE MILWAUKEE, WI 53215

DRAWING TITLE

#### GENERAL NOTES AND LEGEND

SCALE

14895

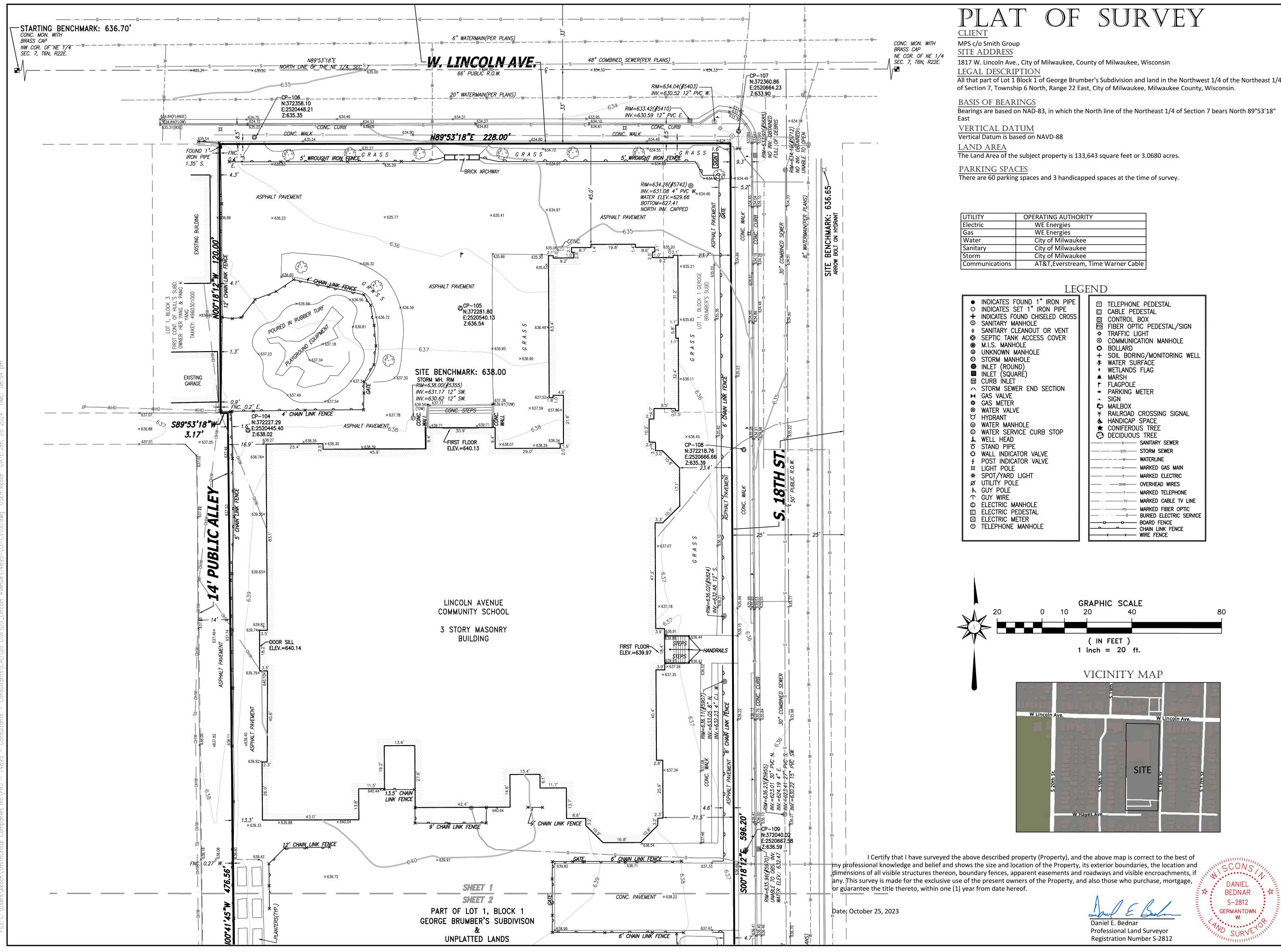
MPS PROJECT NUMBER

PROJECT NUMBER

8319, DIVISION 3

DRAWING NUMBER

G002



UPGRADES

2024 GREEN

Owner:

MPS

ISSUED FOR

SEALS AND SIGNATURES

SITE ADDRESS

DRAWING TITLE

SITE # 250 1817 W. LINCOLN AVENUE MILWAUKEE, WI 53215

100% CD

INFRASTRUCTURE

LINCOLN AVENUE SCHOOL

MILWAUKEE

PUBLIC SCHOOLS

**SMITHGROUP** 

233 NORTH WATER STREET

HELIANTHUS

1836 W. Fond Du Lac Ave.

REV DATE

01/25/2024

Milwaukee, WI 53205 414-622-0103

MILWAUKEE, WI 53202

www.smithgroup.com

SUITE 502

414.615.9570

AUTHORITY
gies
gies
ilwaukee
ilwaukee
ilwaukee

PIPE PE ROSS NT R	<ul> <li>□ TELEPHONE PEDESTAL</li> <li>□ CABLE PEDESTAL</li> <li>□ CONTROL BOX</li> <li>□ FIBER OPTIC PEDESTAL/SIGN</li> <li>◆ TRAFFIC LIGHT</li> <li>◎ COMMUNICATION MANHOLE</li> <li>□ BOLLARD</li> <li>◆ SOIL BORING/MONITORING WELL</li> <li>▼ WATER SURFACE</li> <li>• WETLANDS FLAG</li> <li>* MARSH</li> <li>▶ FLAGPOLE</li> <li>● PARKING METER</li> <li>→ SIGN</li> <li>♥ MAILBOX</li> <li>★ RAILROAD CROSSING SIGNAL</li> <li>▲ HANDICAP SPACE</li> <li>★ CONIFEROUS TREE</li> <li>○ DECIDUOUS TREE</li> <li>○ STORM SEWER</li> <li>○ STORM SEWER</li> <li>○ STORM SEWER</li> <li>○ MARKED GAS MAIN</li> <li>○ ■ MARKED ELECTRIC</li> <li>○ OHW OVERHEAD WIRES</li> <li>○ □ ■ T MARKED TELEPHONE</li> </ul>
	MARKED CABLE IV LINE
	BURIED ELECTRIC SERVICE
	×——× WIRE FENCE

DRAWING NUMBER

**CV100** 

PROJECT NUMBER

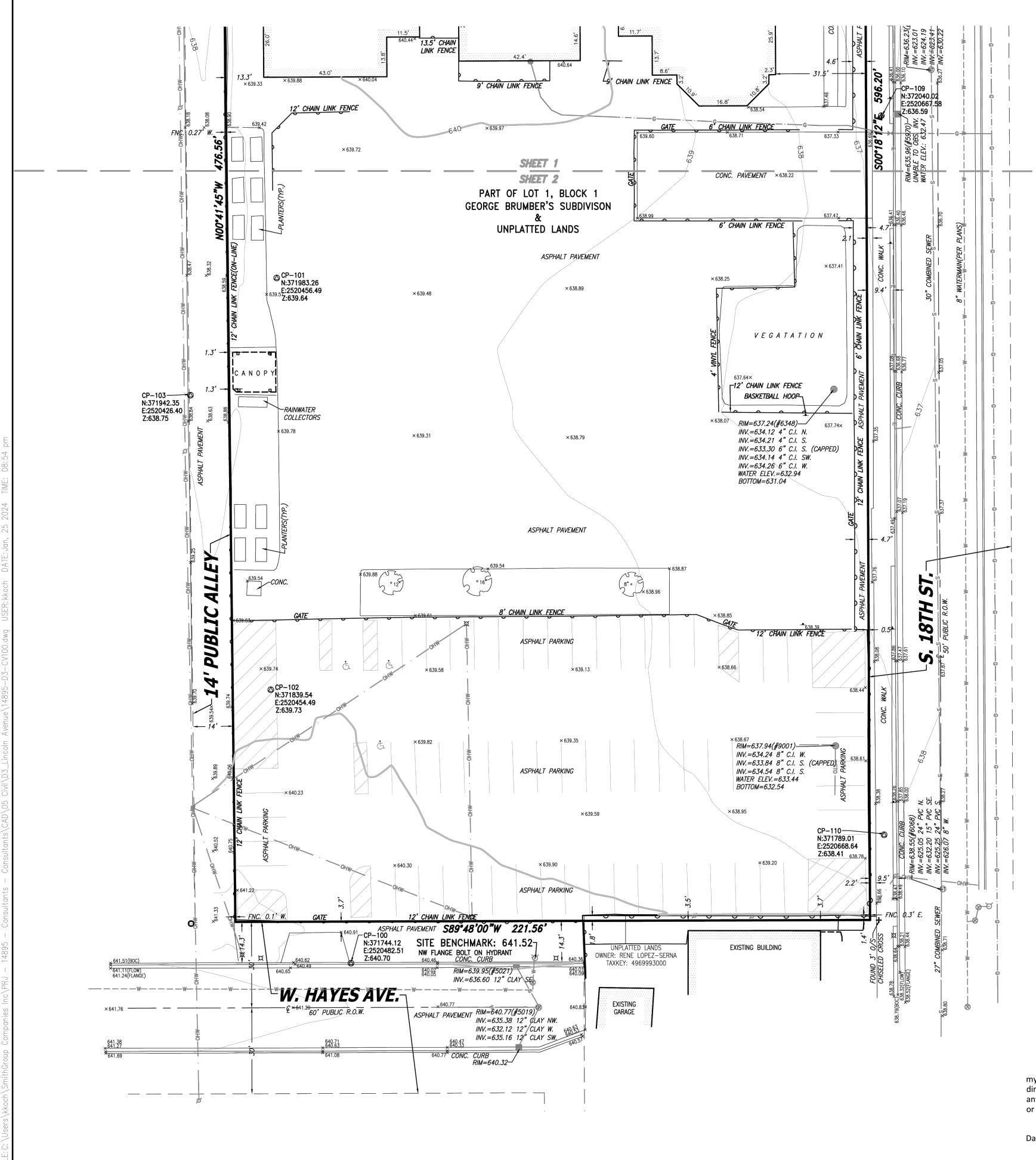
SCALE

8319, DIVISION 3

**EXISTING CONDITIONS** 

14895

MPS PROJECT NUMBER



MPS c/o Smith Group SITE ADDRESS 1817 W. Lincoln Ave., City of Milwaukee, County of Milwaukee, Wisconsin LEGAL DESCRIPTION All that part of Lot 1 Block 1 of George Brumber's Subdivision and land in the Northwest 1/4 of the Northeast 1 of Section 7, Township 6 North, Range 22 East, City of Milwaukee, Milwaukee County, Wisconsin. BASIS OF BEARINGS Bearings are based on NAD-83, in which the North line of the Northeast 1/4 of Section 7 bears North 89°53'18" East VERTICAL DATUM Vertical Datum is based on NAVD-88 LAND AREA The Land Area of the subject property is 133,643 square feet or 3.0680 acres. PARKING SPACES There are 60 parking spaces and 3 handicapped spaces at the time of survey. UTILITY OPERATING A Electric WE Energ Gas WE Energ Water City of Mi City of Mi Sanitary City of Mi torm AT&T,Everstream, Time Warner Cable Communications



I Certify that I have surveyed the above described property (Property), and the above map is correct to the best of my professional knowledge and belief and shows the size and location of the Property, its exterior boundaries, the location and dimensions of all visible structures thereon, boundary fences, apparent easements and roadways and visible encroachments, if any. This survey is made for the exclusive use of the present owners of the Property, and also those who purchase, mortgage, or guarantee the title thereto, within one (1) year from date hereof.

Date: October 25, 2023



# PLAT OF SURVEY

CLIENT

AUTHORITY
gies
jies
lwaukee
lwaukee
lwaukee

#### LEGEND

Daniel E. Bednai Professional Land Surveyor



## 2024 GREEN INFRASTRUCTURE UPGRADES LINCOLN AVENUE SCHOOL

Owner:



# **SMITHGROUP**

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1836 W. Fond Du Lac Ave. Milwaukee, WI 53205 414-622-0103

ISSUED FOR	REV	DATE
100% CD	 	01/25/2024

#### SEALS AND SIGNATURES

SITE ADDRESS

SITE # 250 1817 W. LINCOLN AVENUE MILWAUKEE, WI 53215

DRAWING TITLE

#### **EXISTING CONDITIONS**

#### SCALE

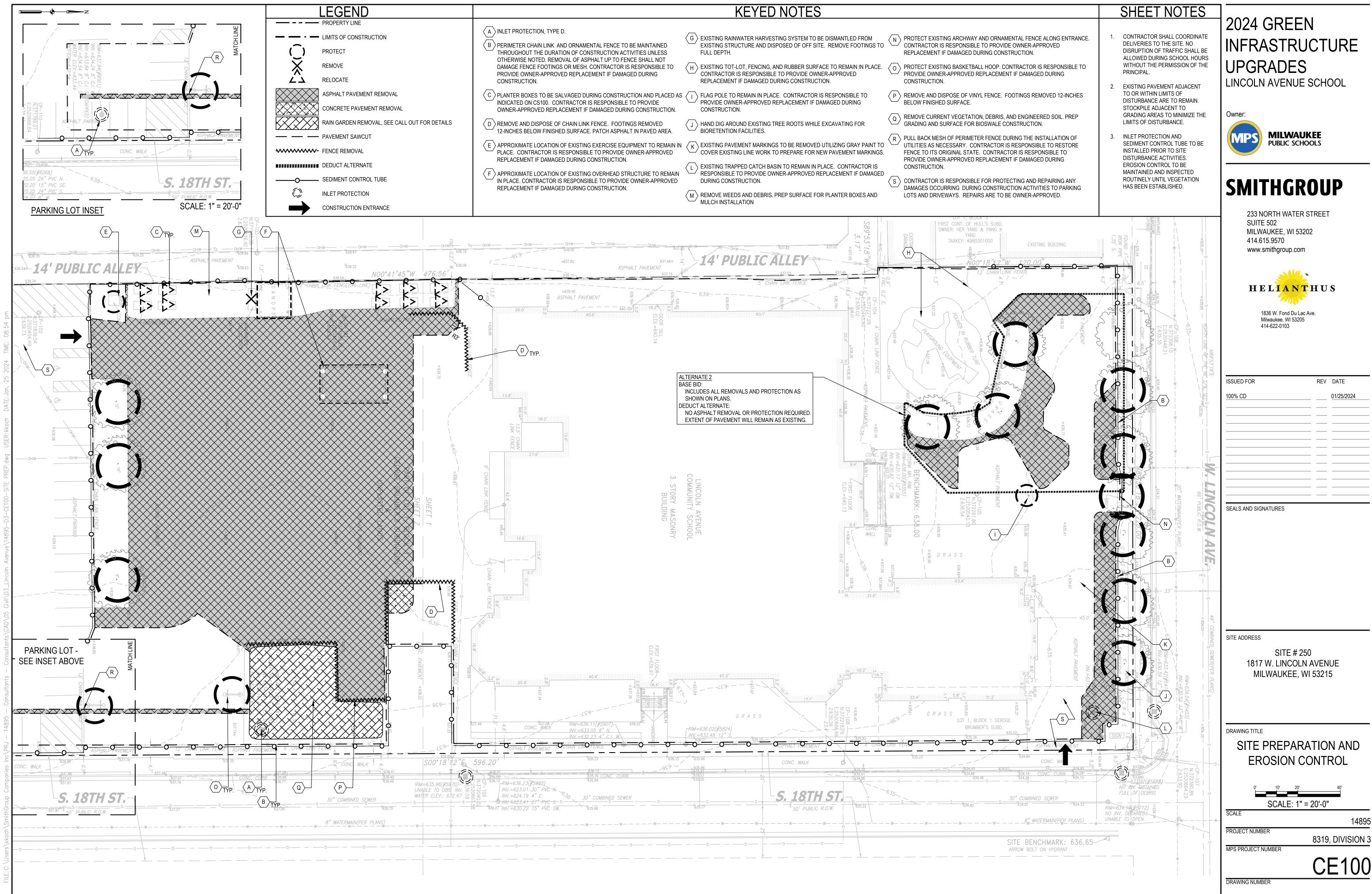
PROJECT NUMBER

8319, DIVISION 3

MPS PROJECT NUMBER

CV101

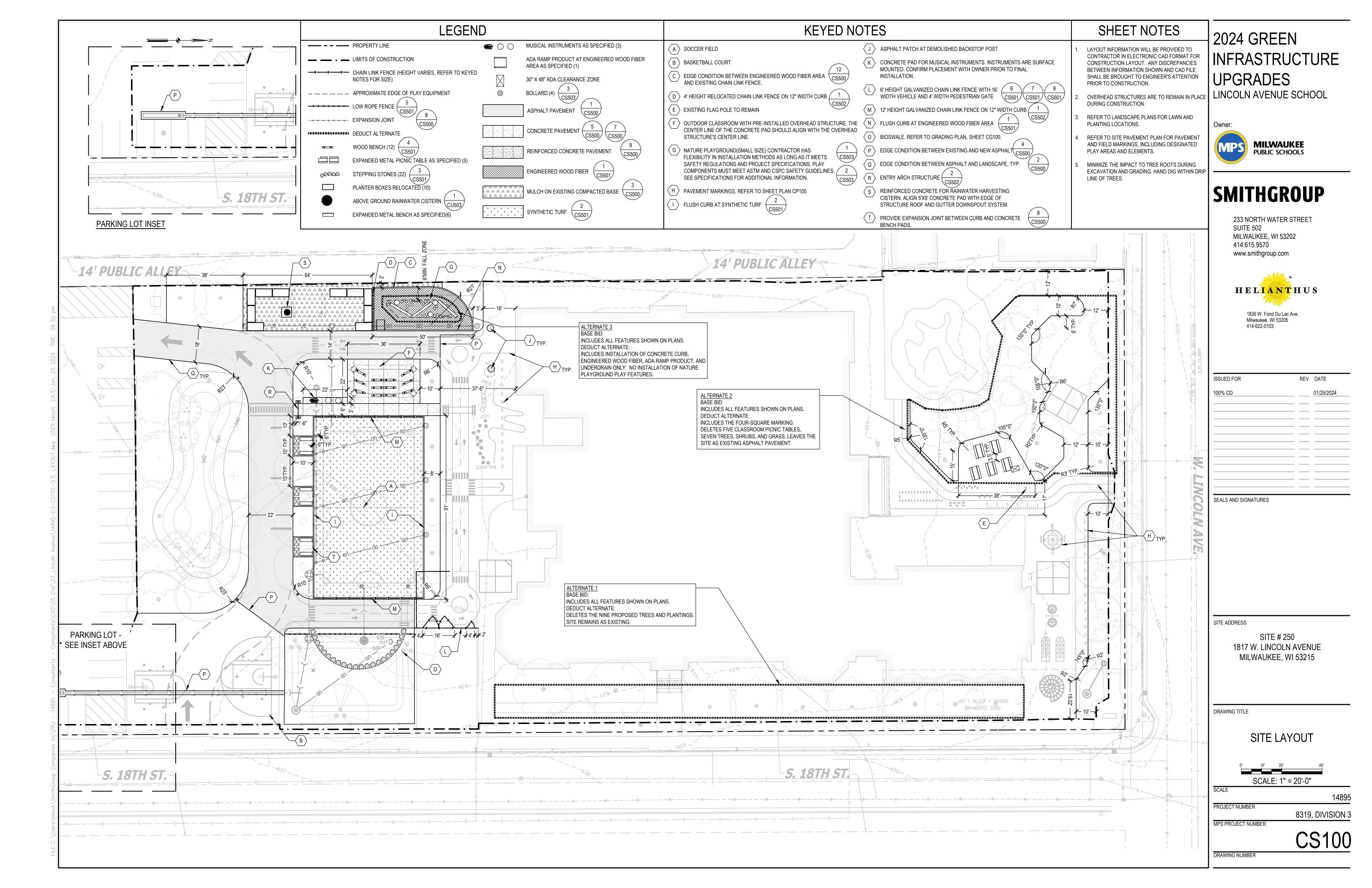
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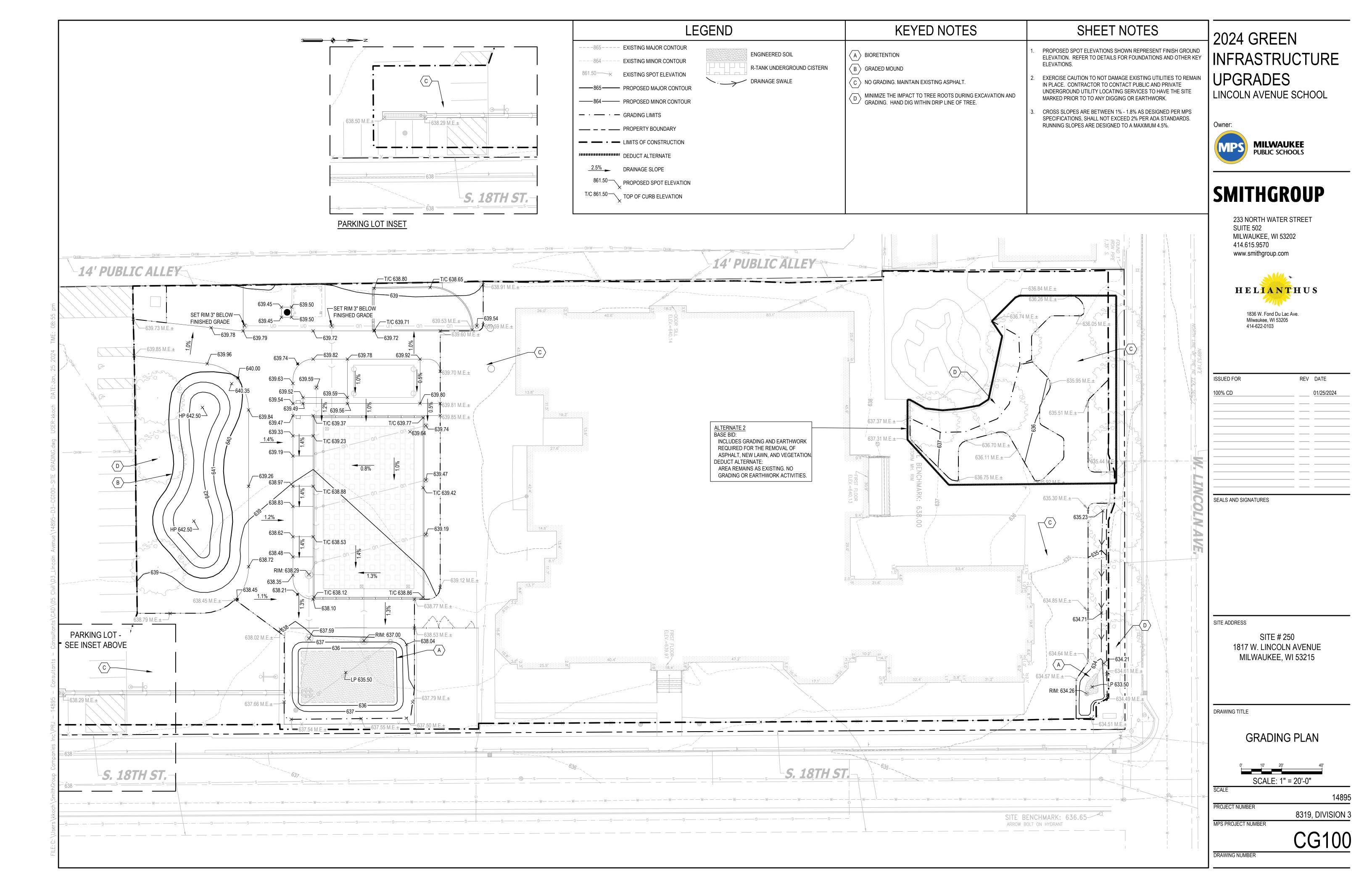


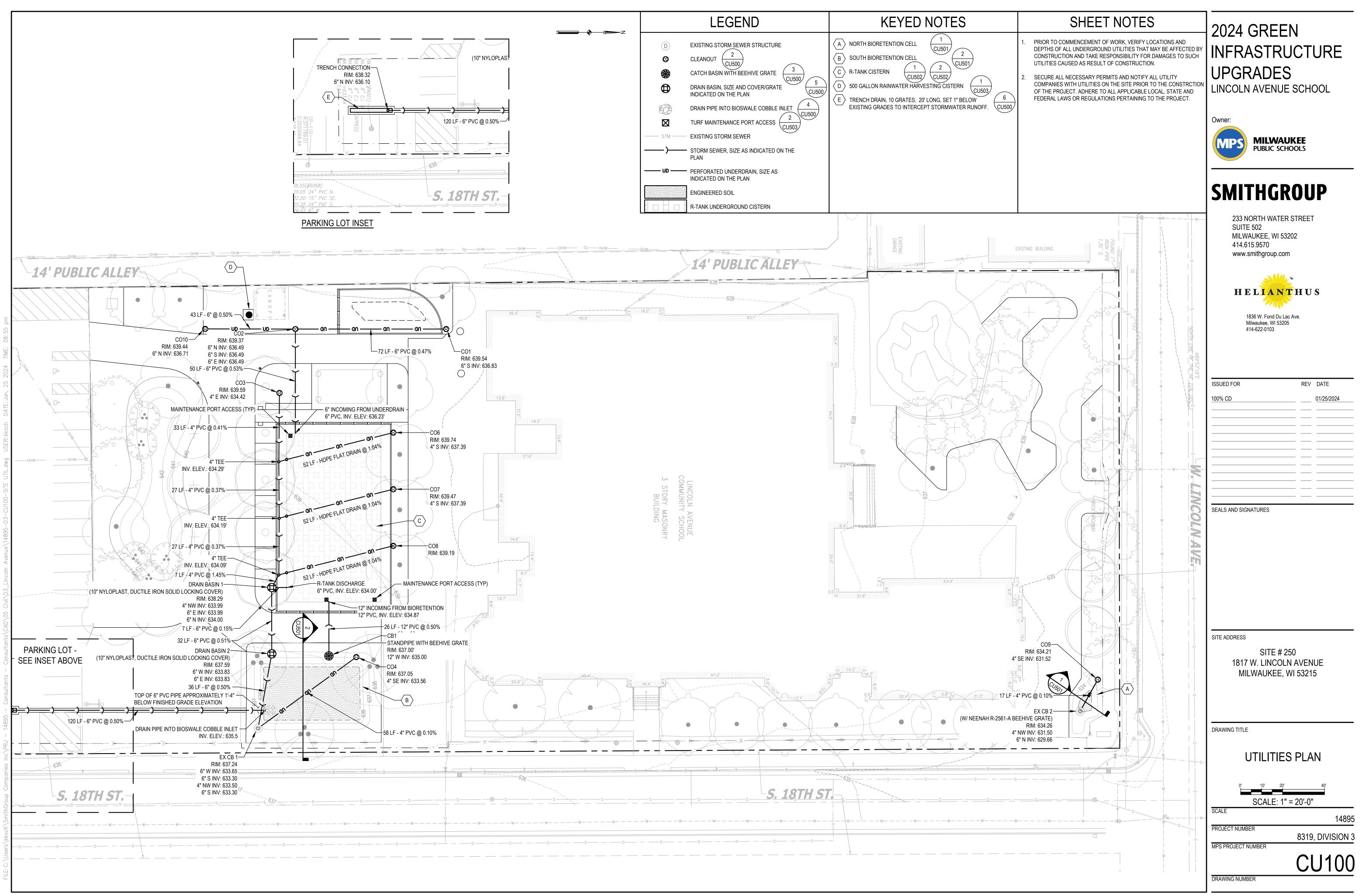
8319, DIVISION 3

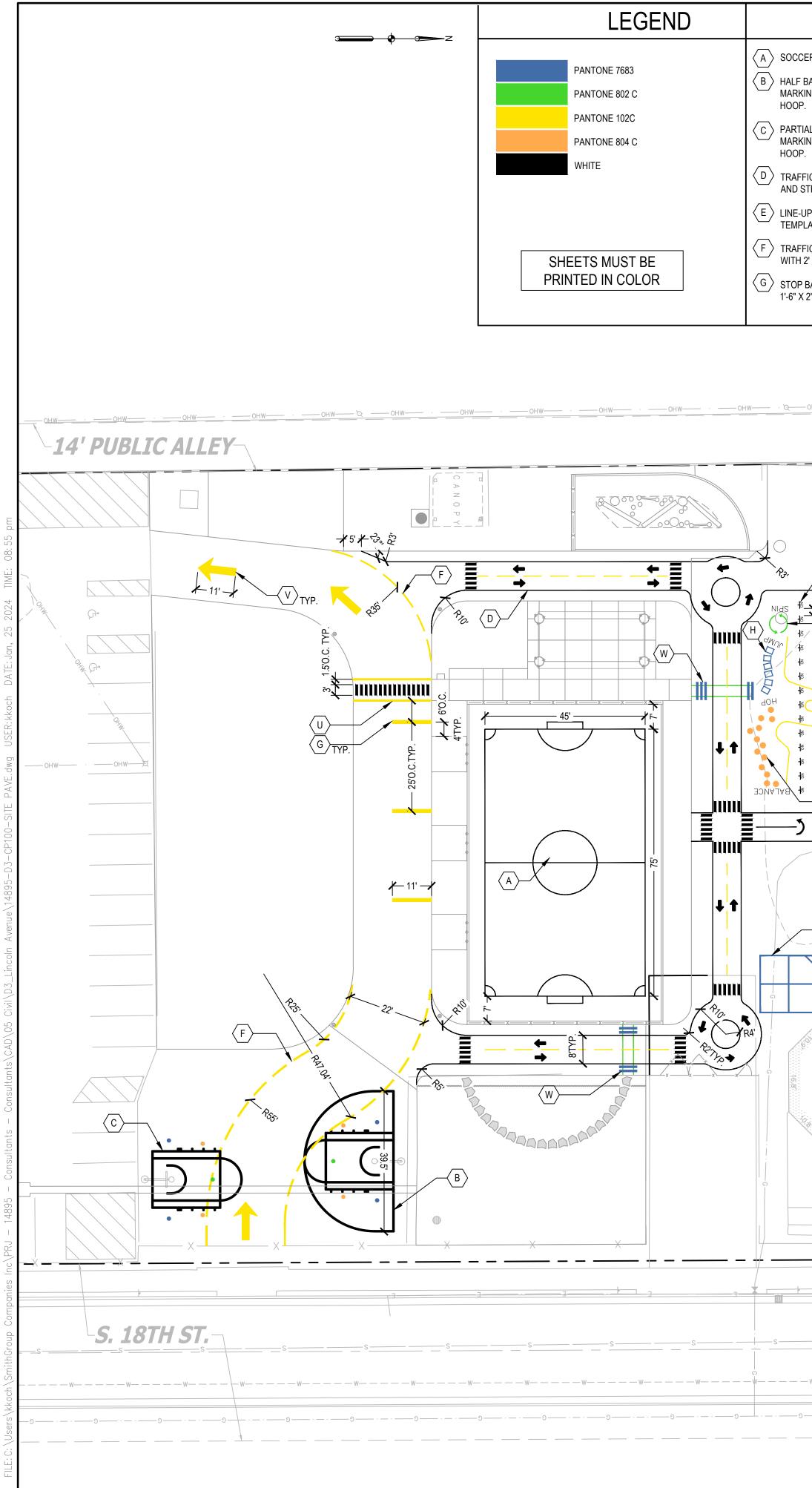
REV DATE

01/25/2024



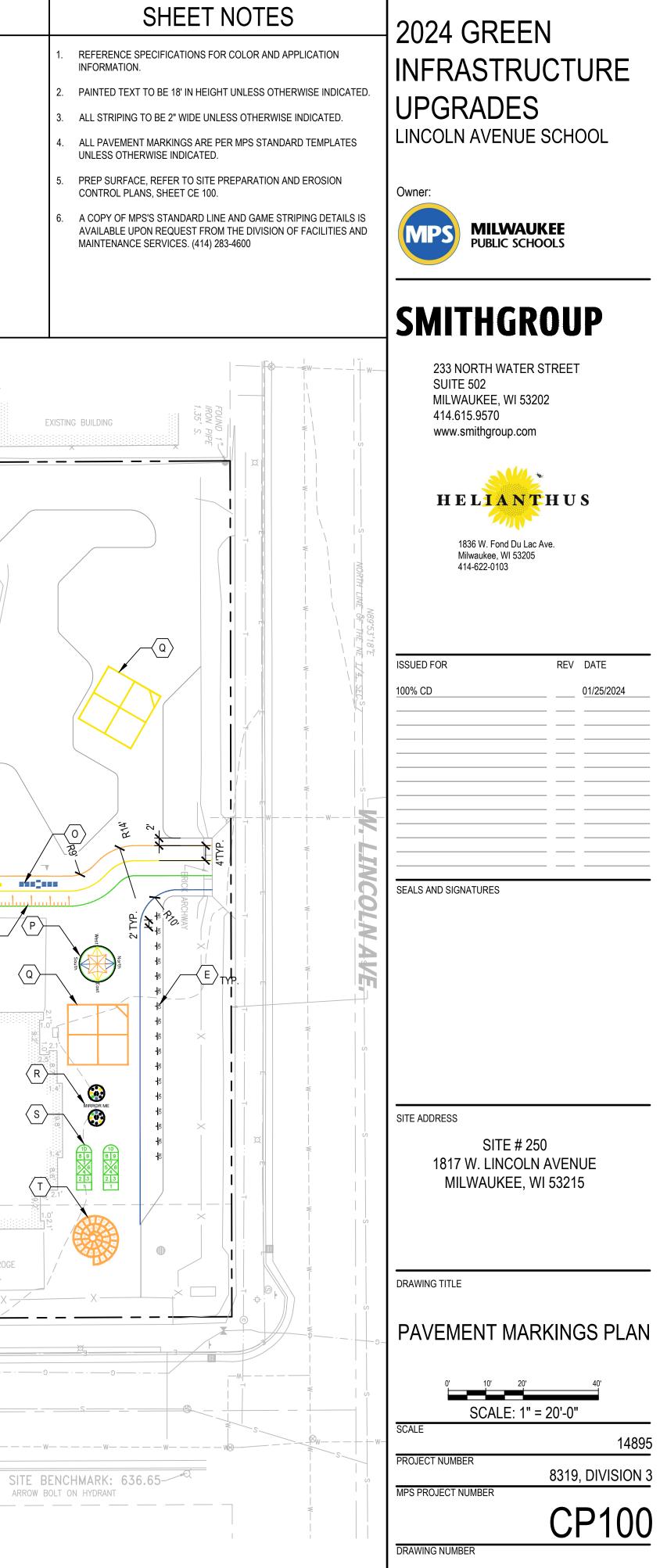


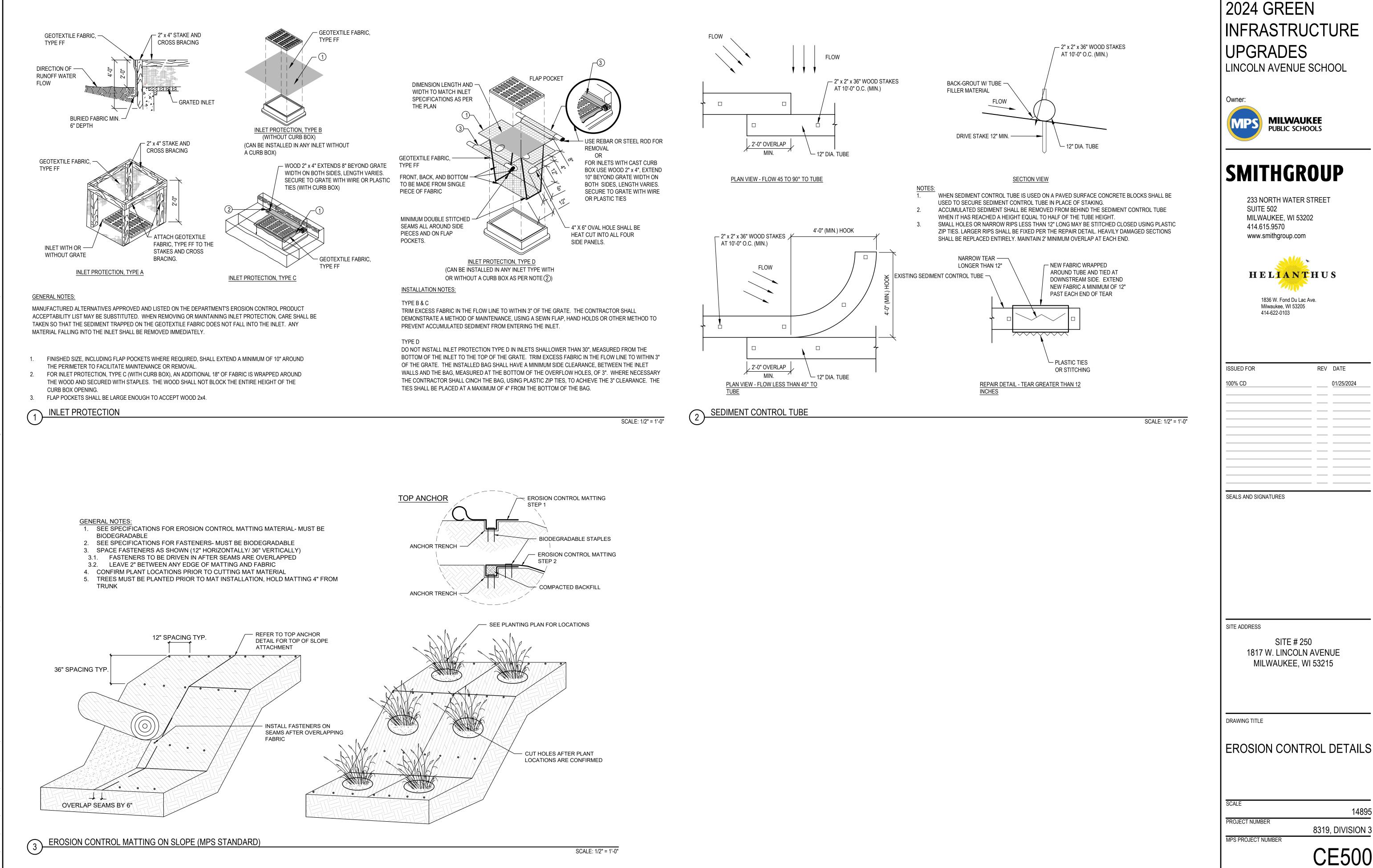




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n n	ETED NUTES	
ER FIELD 1 CP500 BASKETBALL COURT. LOCATION OF BASKETBALL 1 INGS SHOULD ALIGN WITH THE EXISTING BASKETBALL 2 AL HALF BASKETBALL COURT. LOCATION OF BASKETBALL 2 INGS SHOULD ALIGN WITH THE EXISTING BASKETBALL 2 CP501 FIC GARDEN MARKINGS ON ASPHALT, TRAFFIC SYMBOLS STRIPE WIDTH ARE STANDARD MPS TEMPLATE JP SIGN MARKINGS ON ASPHALT, STANDARD MPS LATE FIC LANES MARKINGS ON ASPHALT,4" WIDTH STRIPING 2' LENGTH LINE AT 1' INTERVAL BAR WITH 12" WIDTH STRIPING AT DROP-OFF AREA 2'-0" RECTANGLES SPACED AT APPROXIMATE 8" APART,	H       STANDARD MPS TEMPLATE.         I       1'-6" DIAMETER SOLID CIRCLES RANDOMLY SPACED AT 2'-0" TO 2'-6" APART, STANDARD MPS TEMPLATE.         J       SPIN ARROWS. DIAMETER 2.5', STANDARD MPS TEMPLATE.         K       LEAF JUMP AGILITY PATH MARKINGS         I       DIMENSION JUMP AGILITY PATH MARKINGS         M       RECTANGLE JUMP AGILITY PATH MARKINGS         N       CIRCLE JUMP AGILITY PATH MARKINGS         O       RECTANGLE CIRCULATION AGILITY PATH MARKINGS	<ul> <li>COMPASS MARKING ON ASPHALT, STANDARD MPS TEMPLATE</li> <li>FOUR SQUARE MARKINGS ON ASPHALT, STANDARD MPS TEMPLATE</li> <li>MIRROR ME MARKINGS ON ASPHALT, STANDARD MPS TEMPLATE</li> <li>HOPSCOTCH MARKINGS ON ASPHALT, STANDARD MPS TEMPLATE</li> <li>SNAIL HOPSCOTCH 1-34 MARKINGS ON ASPHALT, STANDARD MPS TEMPLATE</li> <li>SNAIL HOPSCOTCH 1-34 MARKINGS ON ASPHALT, STANDARD MPS TEMPLATE</li> <li>CROSSWALK. WHITE 8" WIDTH CROSSWALK STRIPING AT 7" INTERVAL. YELLOW 4"WIDTH CROSSWALK BORDER AT TWO SIDES.</li> <li>TRAFFIC ARROW MARKING.</li> <li>RAILROAD CROSSING MARKING ON ASPHALT. STANDARD MPS TEMPLATE.</li> </ul>
	LINCOLN AVENUE COMMUNITY SCHOOL 3 STORY MASONRY BUILDING	LT 1, BLOCK 3 FRET CONT. OF HULL'S SUBD. WHERE: HER YARG & PANG K WARG WHERE: HER YARG & PANG K WHERE: HER YARG & PANG K WHER YARG & PANG K WHERE: HER YARG & PANG K WHE
	FIRST FLOOP 	32     10:2'     32:4'     31:2'       0.0     0.0     1     1       1     LOT 1, BLOCK 1 GERO       BRUMBER'S SUBD.       X     X       X     X       X     X       ST       ST       ST       ST       ST





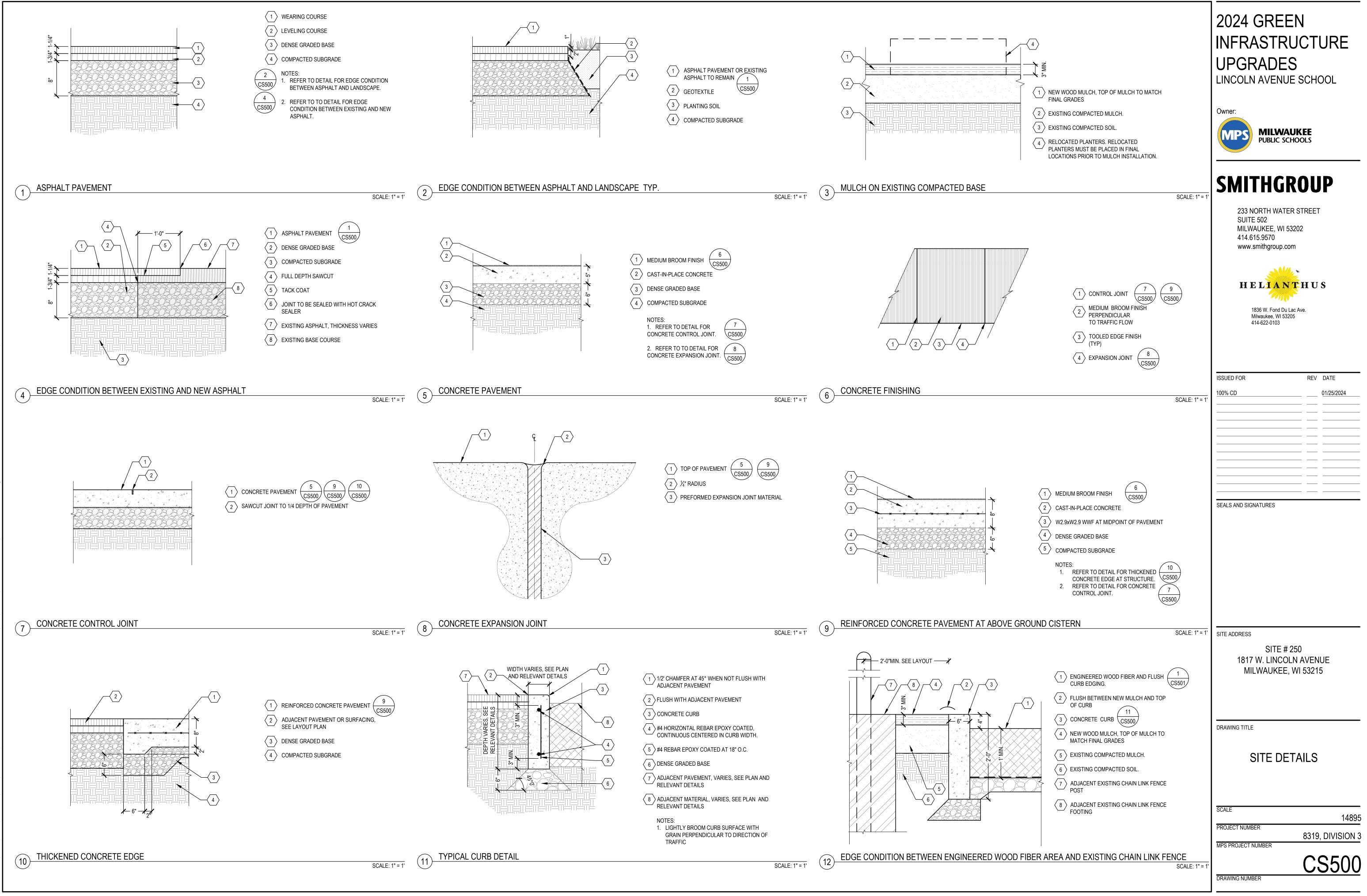
1817 W. LINCOLN AVENUE MILWAUKEE, WI 53215

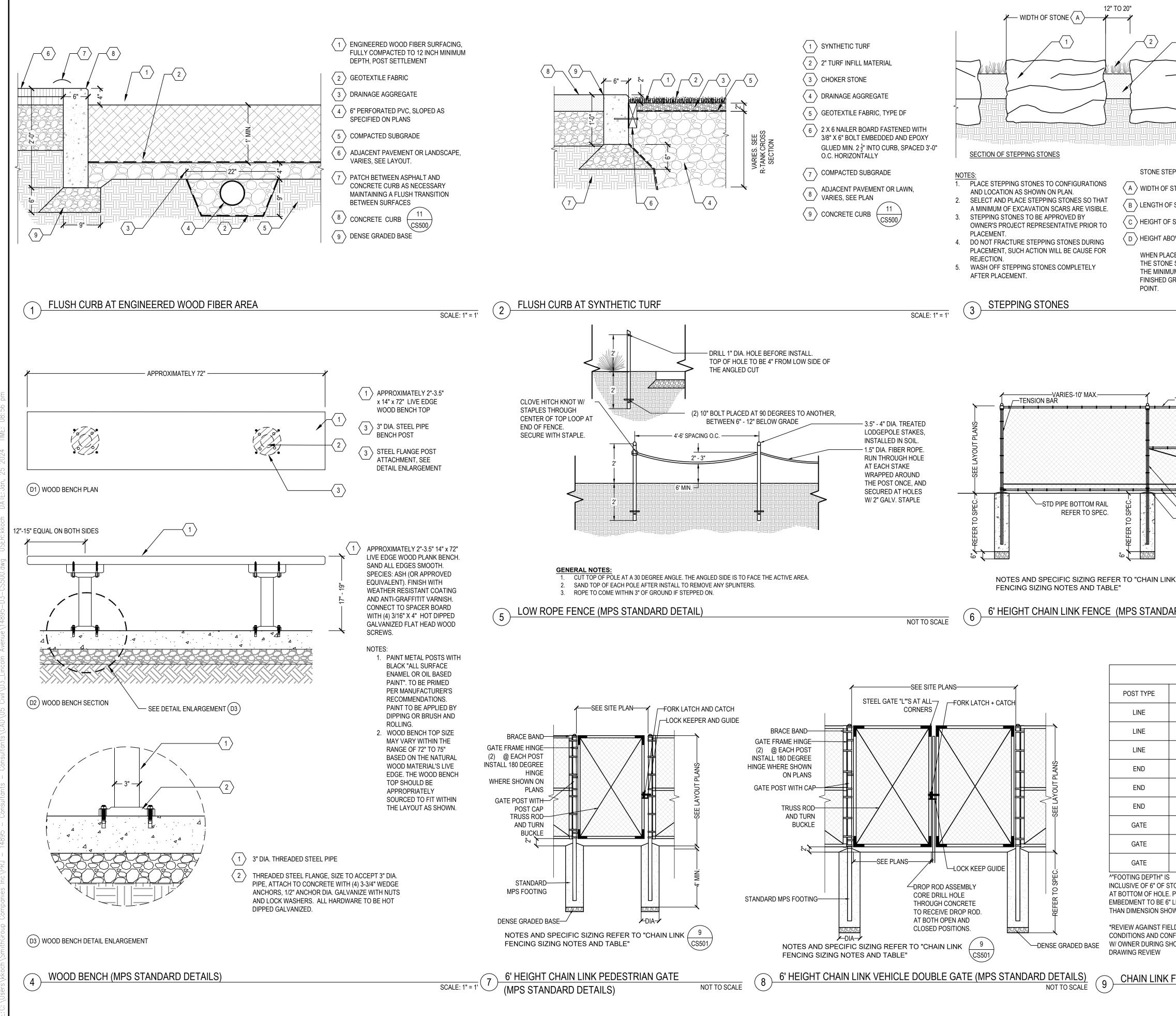
#### EROSION CONTROL DETAILS

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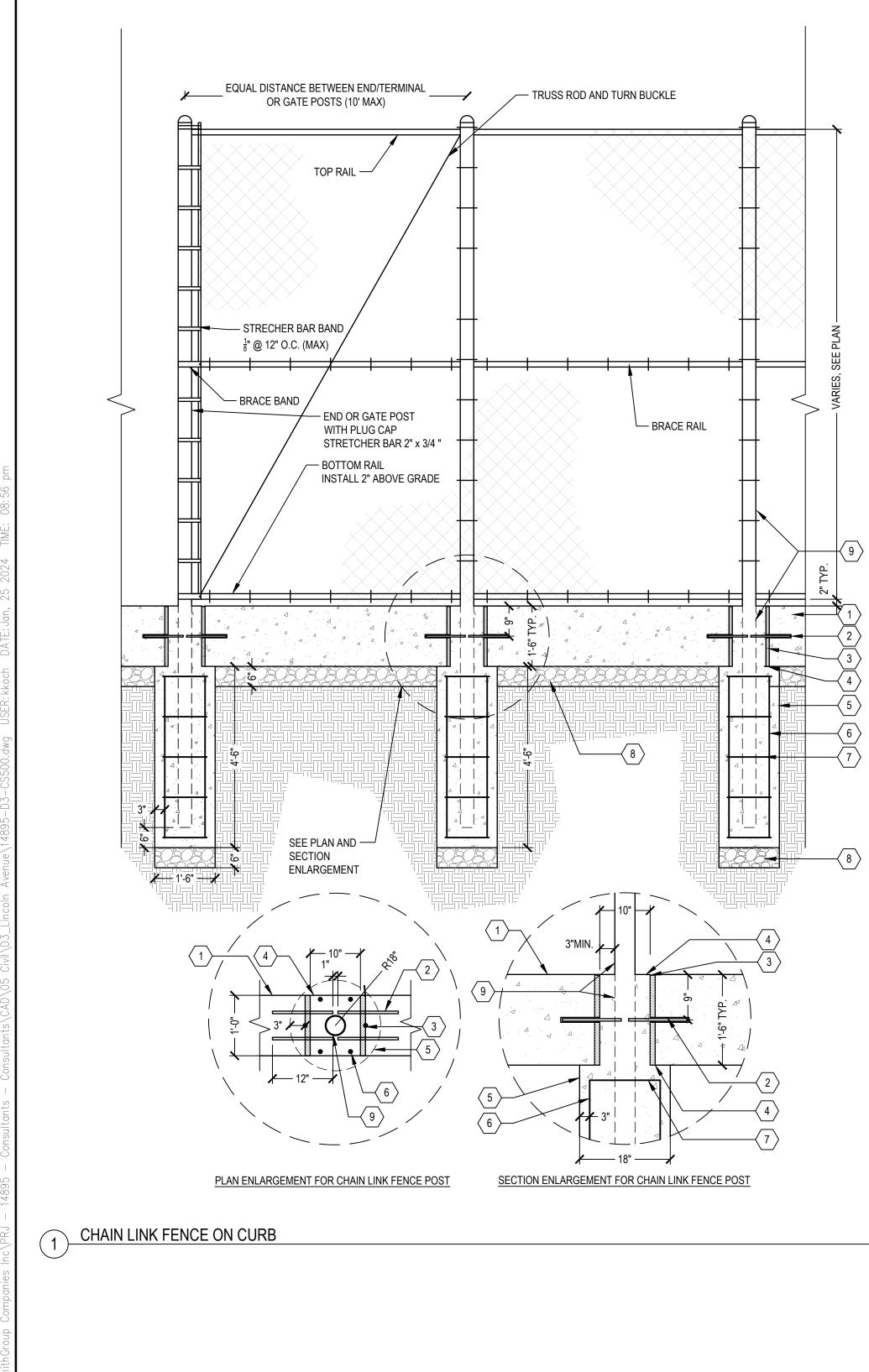
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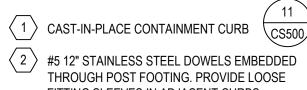
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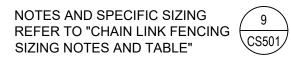


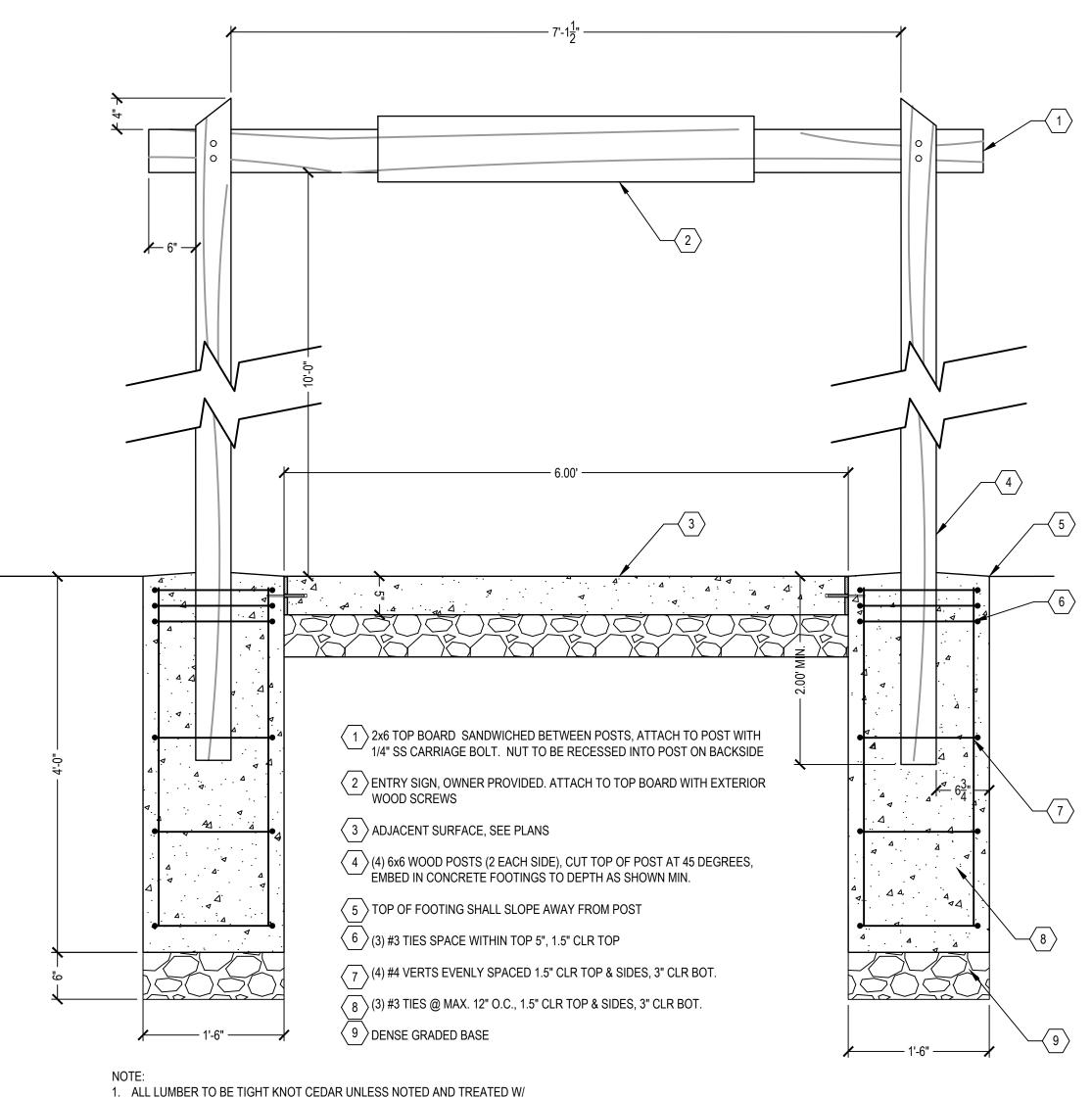
3 PPERS DIMENSIONS STONE - 18" TO 24" STONE - 18" TO 24" STONE - 18" TO 24" OVE FINISHED GRAD CED ON A SLOPE, TH	5: ~~ ~ HEIGHT DE - 2" TO 4"	WIDTH WIDTH WIDTH PLAN C 1 STEPPIN 2 ADJACEN PLANTIN 3 BIOSWAL	OF STONE - A - OF STONE - A - OF STONES OF STONES OF LANTINGS, SEE OF DETAILS.	2024 GREEI INFRASTRU UPGRADES LINCOLN AVENUE	SCHOOL KEE DOLS
E SHOULD BE LEVEL. JM HEIGHT OF 2" AB RADE AT THE STON	MAINTAIN OVE		TED SUBGRADE TEPPING STONES	MILWAUKEE, WI 532 414.615.9570	02
-TOP SELVAGE KNU	CKLED	ORNAMENTA TENSION BA STD. PIPE TO 6 GAUGE PE TENSION BA STANDARD F DIAGONAL TI BENT END-SI	DP RAIL- SEE SPEC. R STANDARD SPEC. R PIPE OR CORNER POST RUSS ROD WITH	www.smithgroup.com	HUS
		DENSE GRA	DED BASE		
К <u>9</u> СS501	ىر	DIA		SEALS AND SIGNATURES	
ARD DETAILS)			NOT TO SCALE		
CHAI	NLINK FENCE S				
HEIGHT (")	POST DIA.(")	FOOT DEPTH MIN. (") *	FOOT DIA. MIN. (") *		
< 4'	0'-2"	4'-0"	0'-10"		
4' - 14'	0'-2 1/2"	4'-0"	0'-10"	SITE ADDRESS	
> 14'	3'-0"	6'-0"	1'-0"	SITE # 25	
< 4'	0'-2 1/2"	4'-0"	0'-10"	1817 W. LINCOLN MILWAUKEE, W	
4' - 12'	0'-3"	4'-0"	1'-0"	······································	
> 12'	0'-4"	6'-0"	1'-0"		
4' - 6'	0'-3"	6'-0"	1'-0"		
7' - 12'	0'-4"	6'-0"	1'-0"	DRAWING TITLE	
> 12' GENERAL	0'-6"	8'-0"	1'-2"		
TONE 1. COOI POST LOCA LESS ON P WN. 2. SUBN 3. SEE S LD 4. FINAL	RDINATE LAYOUT ANI ATE FENCE POSTS AT LANS WHERE APPLIC MIT SHOP DRAWINGS SPECIFICATIONS FOR L DEPTH OF FOOTING	D INSTALLATION WITH CONCRETE SCORE J ABLE. FOR FENCE AS SPECI FENCE FOOTING REC NOT TO BE LESS THA 1-2% PITCHING AWAY	DINTS AS SHOWN FIED QUIREMENTS N 4' OF CONCRETE	SITE DET.	AILS
					14895
FENCE SIZING	G TABLE AND N	IOTES		PROJECT NUMBER	8319, DIVISION 3
					CS501
				DRAWING NUMBER	





- FITTING SLEEVES IN ADJACENT CURBS  $\langle 3 \rangle$  FULL DEPTH EXPANSION JOINTS, TYP.  $\langle CS500, \rangle$
- $\langle 4 \rangle$  TOP OF POST FOOTING SHALL BE FORMED 10" X 12" RECTANGLE. THE TOP OF THE POST FOOTING AND CURB SHALL BE FLUSH. THE FINISH ON TOP OF POST FOOTING SHALL MATCH CURB FINISH.
- $\left< 5 \right>$  18" Ø CONCRETE FOOTING
- $\left< 6 \right>$  6-#4 VERTICAL REBAR
- $\langle 7 \rangle$  #4 HORIZONTAL REBAR TIES 12" O.C.
- 8 DENSE GRADED BASE
- $\left< 9 \right>$  CHAIN LINK FENCE POST





INTERNAL WOOD STABILIZER

SCALE: 1/2" = 1'-0"

2 ENTRY ARCH (MPS STANDARD DETAIL)

# 2024 GREEN INFRASTRUCTURE UPGRADES LINCOLN AVENUE SCHOOL

Owner:



# SMITHGROUP

233 NORTH WATER STREET SUITE 502 MILWAUKEE, WI 53202 414.615.9570 www.smithgroup.com



1836 W. Fond Du Lac Ave. Milwaukee, WI 53205 414-622-0103

ISSUED FOR	REV	DATE
100% CD		01/25/2024

SEALS AND SIGNATURES

SITE ADDRESS

SITE # 250 1817 W. LINCOLN AVENUE MILWAUKEE, WI 53215

DRAWING TITLE

#### SITE DETAILS

SCALE

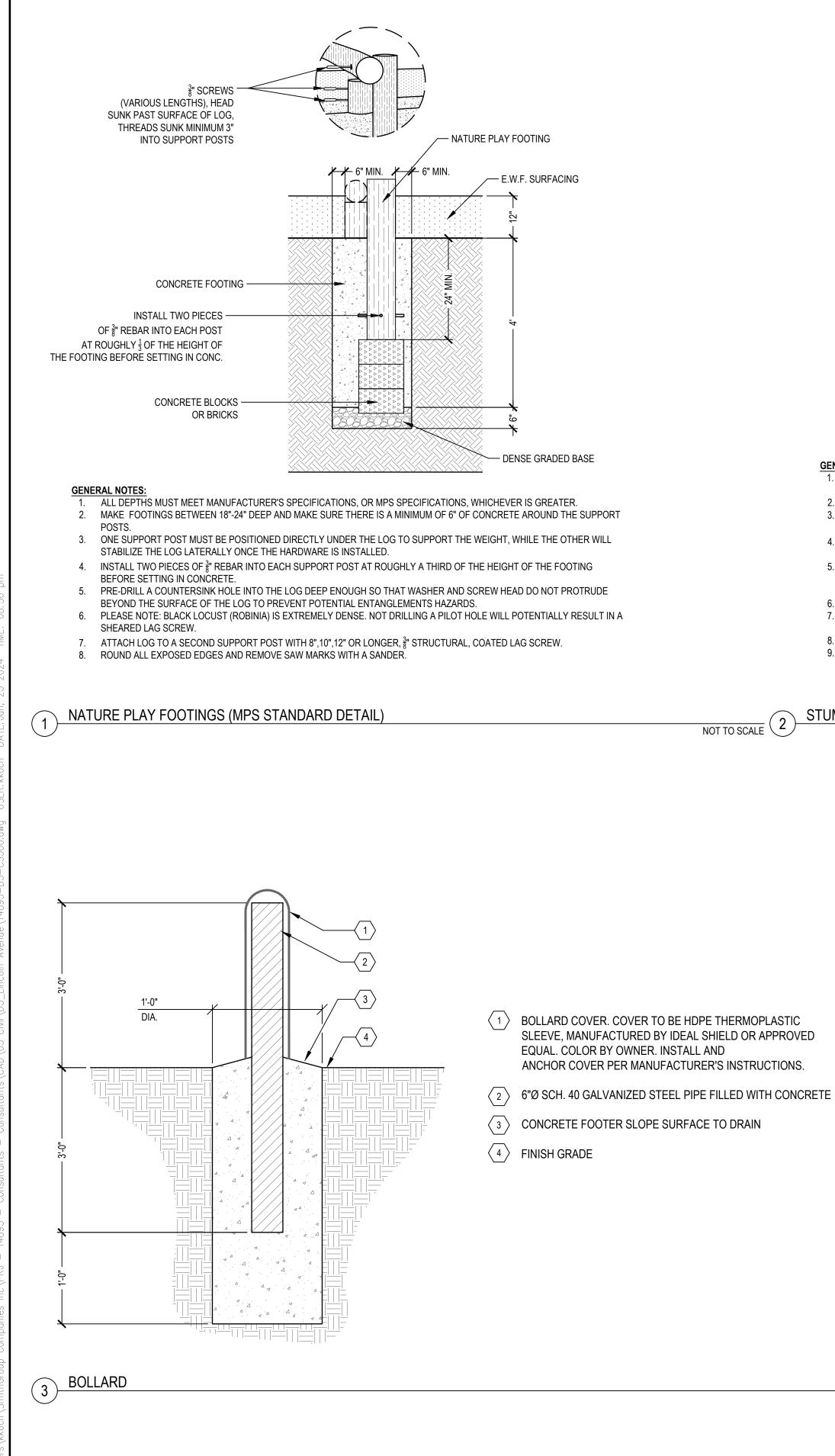
SCALE: 1" = 1'

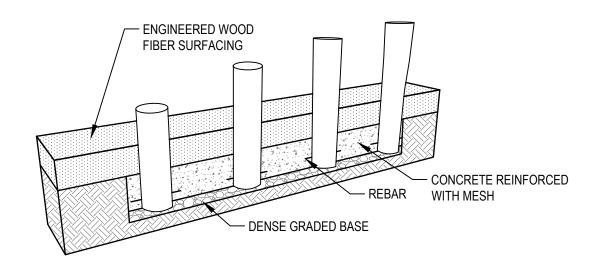
PROJECT NUMBER

14895 8319, DIVISION 3

MPS PROJECT NUMBER

**CS502** 





#### **GENERAL NOTES:**

- 1. ALL DEPTHS MUST MEET MANUFACTURER'S SPECIFICATIONS, OR MPS SPECIFICATIONS,
- WHICHEVER IS GREATER. STUMP JUMPERS TO BE INSTALLED AS A STRIP FOOTING. 2.
- 3. MAKE TRENCH 15"-16" DEEP; 12" OF CONCRETE AND 3"-4" OF COMPACTED GRAVEL, AND MAKE
- SURE THERE IS A MINIMUM OF 6" OF CONCRETE AROUND THE SIDES OF THE JUMPERS. 4. INSTALL TWO PIECES OF  $\frac{2}{8}$ " REBAR INTO EACH SUPPORT JUMPER AT ROUGHLY  $\frac{1}{3}$  OF THE HEIGHT
- OF THE FOOTING BEFORE SETTING IN CONCRETE. 5. LENGTH OF STUMP JUMPERS VARIES DEPENDING ON DESIRED HEIGHT AND AGE GROUP, 4 STANDARD LENGTHS ARE PROVIDED; 32", 42", 48", AND 52", BUT THEY CAN BE CUT TO CUSTOM HEIGHTS.
- 6. STUMP JUMPERS MUST BE A MIN. OF 10" IN DIAMETER.
- STUMP JUMPERS MUST NOT BE HIGHER THAN 20" FROM PROTECTIVE SURFACING WHEN 7 INTENDED FOR 2-5 YEAR OLDS, AND 30" FOR 5-12 YEAR OLDS.
- ROUND ALL EXPOSED EDGES AND REMOVE SAW MARKS WITH A SANDER OR GRINDER. INSTALLER TO PROVIDE PERMANENT HIGH AND LOW MARKS (AT LEAST 3 VERTICALS) FOR q ENGINEER WOOD FIBER SAFETY SURFACING.

STUMP JUMPERS FOOTING (MPS STANDARD DETAIL)

NOT TO SCALE

## 2024 GREEN INFRASTRUCTURE UPGRADES LINCOLN AVENUE SCHOOL

Owner:



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SEALS AND SIGNATURES

SITE ADDRESS

SITE # 250 1817 W. LINCOLN AVENUE MILWAUKEE, WI 53215

DRAWING TITLE

#### SITE DETAILS

SCALE

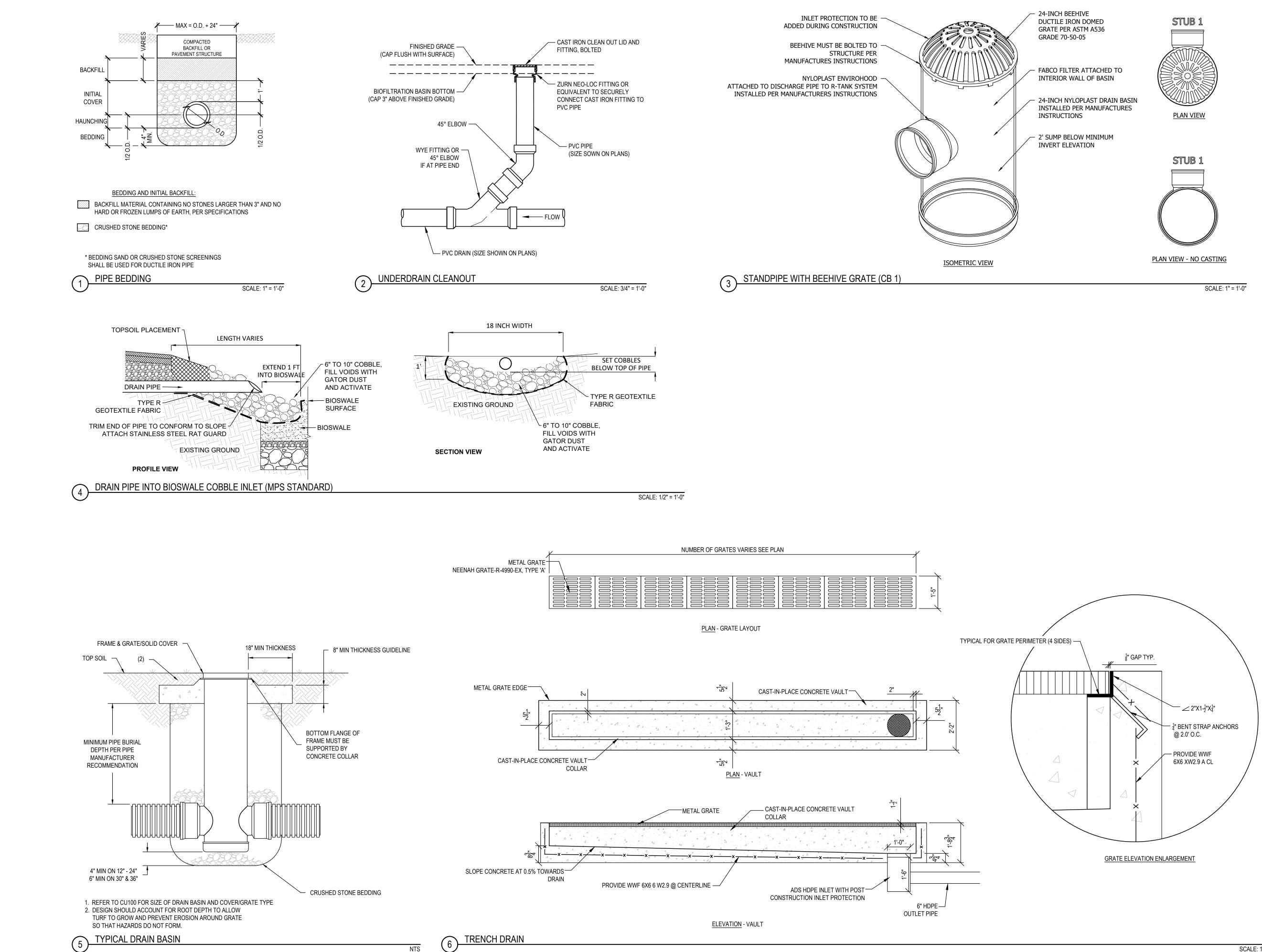
14895

PROJECT NUMBER

MPS PROJECT NUMBER

**CS503** 

8319, DIVISION 3





2024 GREEN INFRASTRUCTURE UPGRADES LINCOLN AVENUE SCHOOL

Owner:



# SMITHGROUP

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Milwaukee, WI 53205 414-622-0103

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100% CD		01/25/2024
	_	

#### SEALS AND SIGNATURES

SITE ADDRESS

SITE # 250 1817 W. LINCOLN AVENUE MILWAUKEE, WI 53215

DRAWING TITLE

#### UTILITY DETAILS

SCALE

PROJECT NUMBER

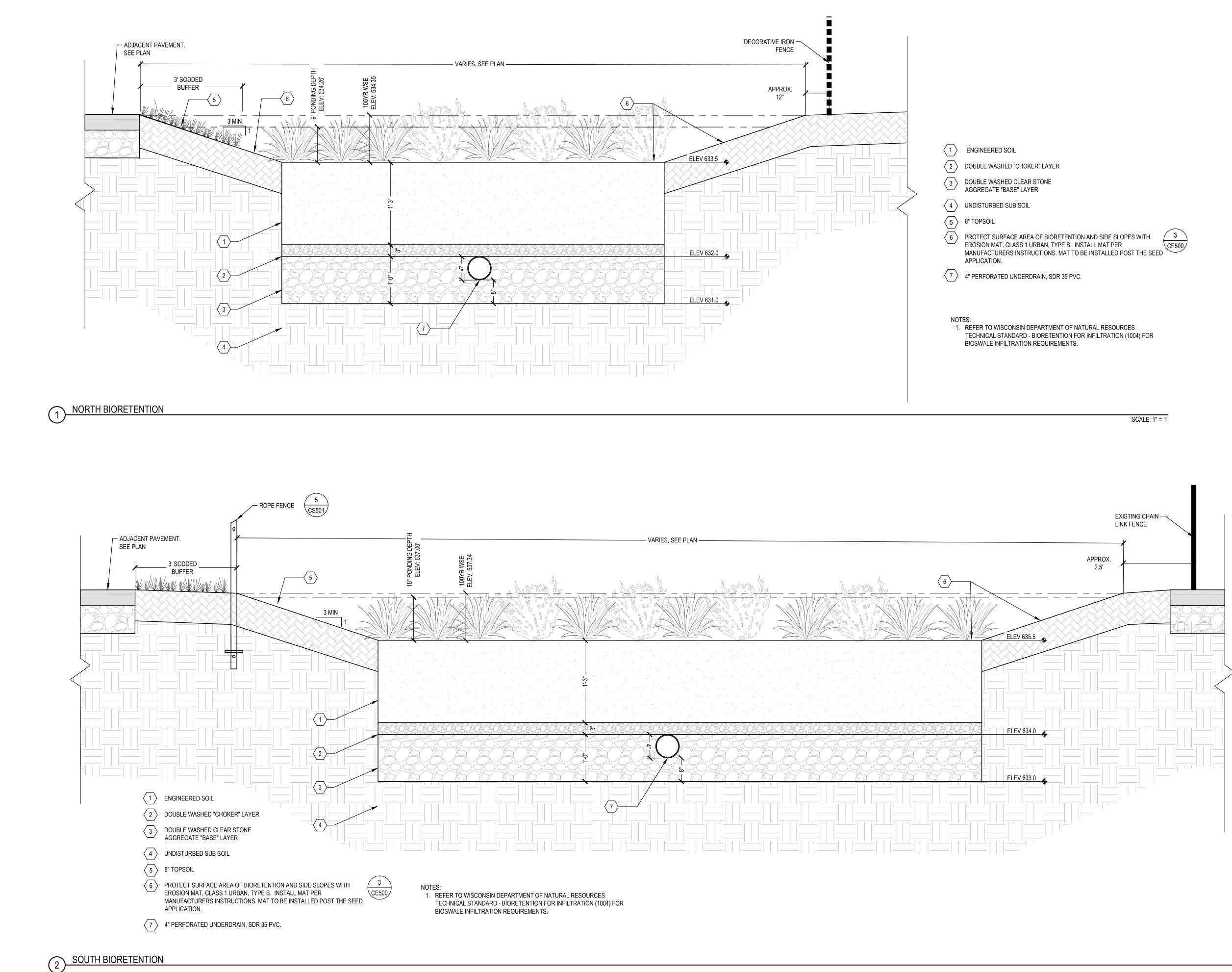
14895

MPS PROJECT NUMBER

CU500

8319, DIVISION 3

SCALE: 1:2



### 2024 GREEN INFRASTRUCTURE UPGRADES LINCOLN AVENUE SCHOOL

Owner:



# SMITHGROUP

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100% CD		01/25/2024

#### SEALS AND SIGNATURES

SITE ADDRESS

SITE # 250 1817 W. LINCOLN AVENUE MILWAUKEE, WI 53215

DRAWING TITLE

#### UTILITY DETAILS

SCALE

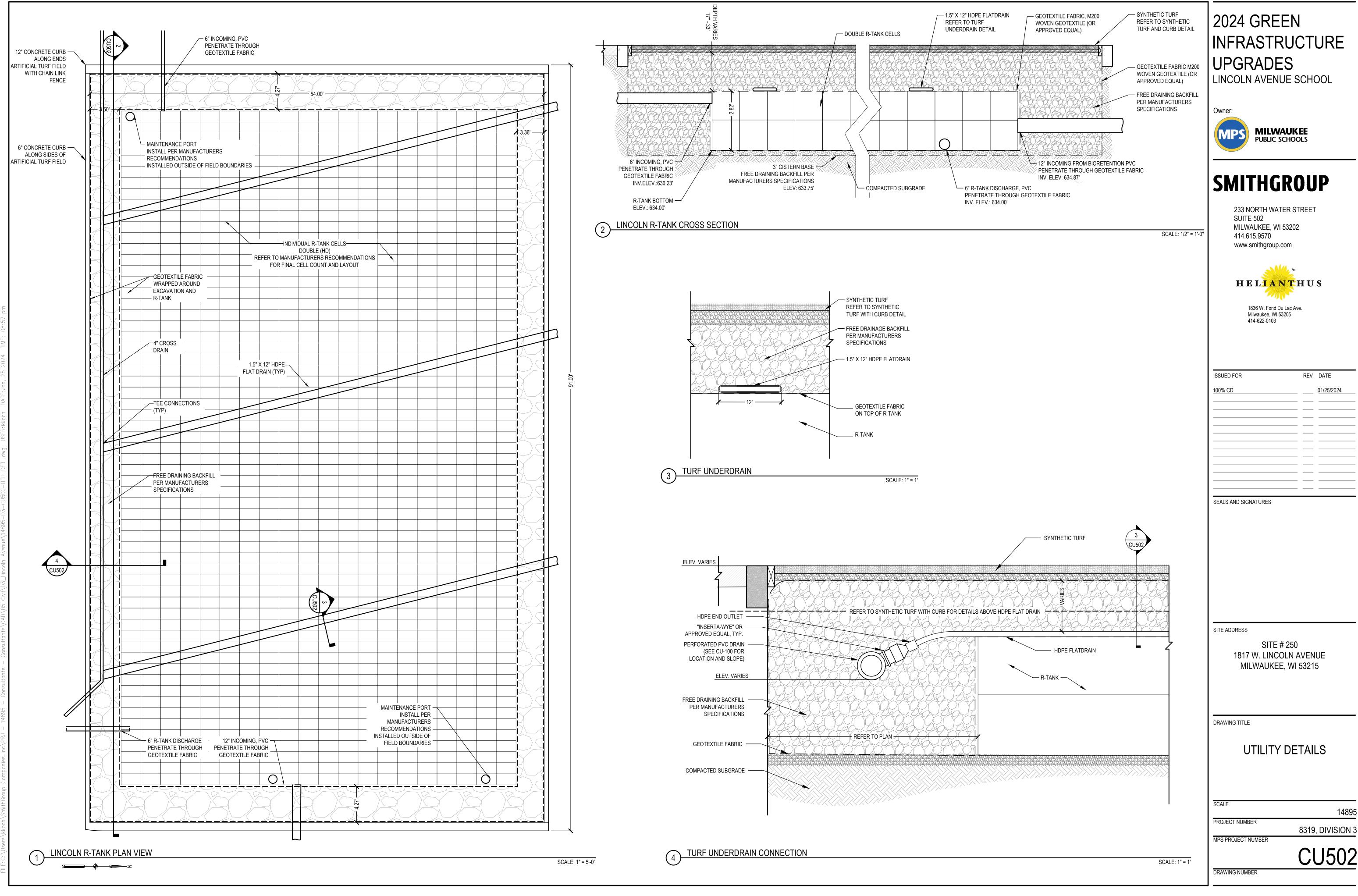
14895

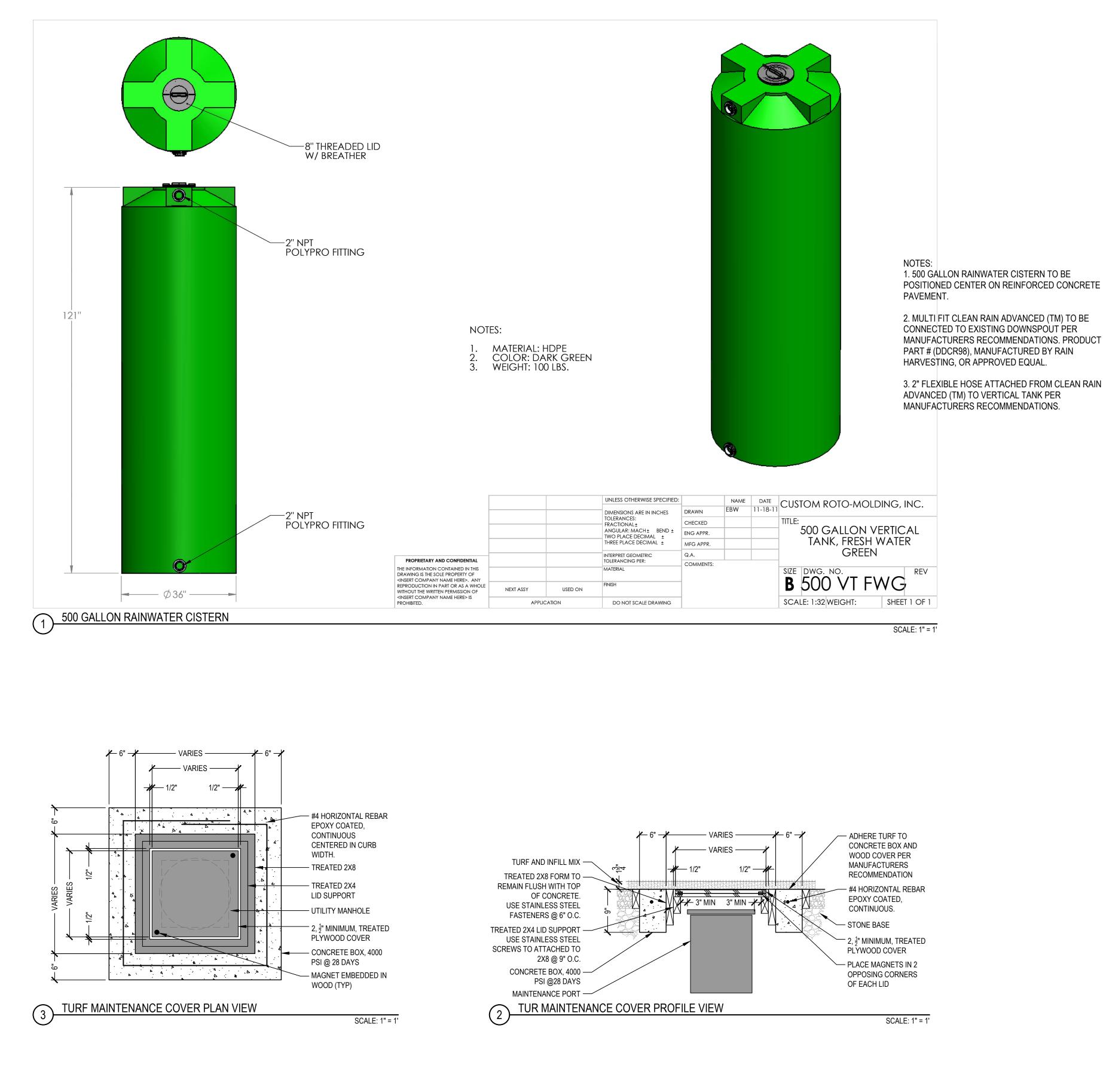
PROJECT NUMBER MPS PROJECT NUMBER

CU501

8319, DIVISION 3

SCALE: 1" = 1'





	UNLESS OTHERWISE SPECIFIED:		NAME	DATE	CUSTOM ROTO-MOLDING, IN			
	DIMENSIONS ARE IN INCHES	DRAWN	EBW	11-18-11				
TOLERANCES: FRACTIONAL ±		CHECKED			500 GALLON VERTICAL			
ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ±	ENG APPR.							
THREE PLACE DECIMAL ±		MFG APPR.			TANK, FRESH WATER		:R	
	INTERPRET GEOMETRIC	Q.A.	GREEN					
	TOLERANCING PER:	COMMENTS:						
	MATERIAL					511011101	RE	V
D ON	FINISH				В	500 VT F	WG	
	DO NOT SCALE DRAWING				SCAL	.E: 1:32 WEIGHT:	SHEET 1 OF	F 1

PAVEMENT. 2. MULTI FIT CLEAN RAIN ADVANCED (TM) TO BE CONNECTED TO EXISTING DOWNSPOUT PER

MANUFACTURERS RECOMMENDATIONS. PRODUCT PART # (DDCR98), MANUFACTURED BY RAIN HARVESTING, OR APPROVED EQUAL

3. 2" FLEXIBLE HOSE ATTACHED FROM CLEAN RAIN ADVANCED (TM) TO VERTICAL TANK PER MANUFACTURERS RECOMMENDATIONS.

### 2024 GREEN INFRASTRUCTURE UPGRADES LINCOLN AVENUE SCHOOL

Owner:



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#### SEALS AND SIGNATURES

SITE ADDRESS

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DRAWING TITLE

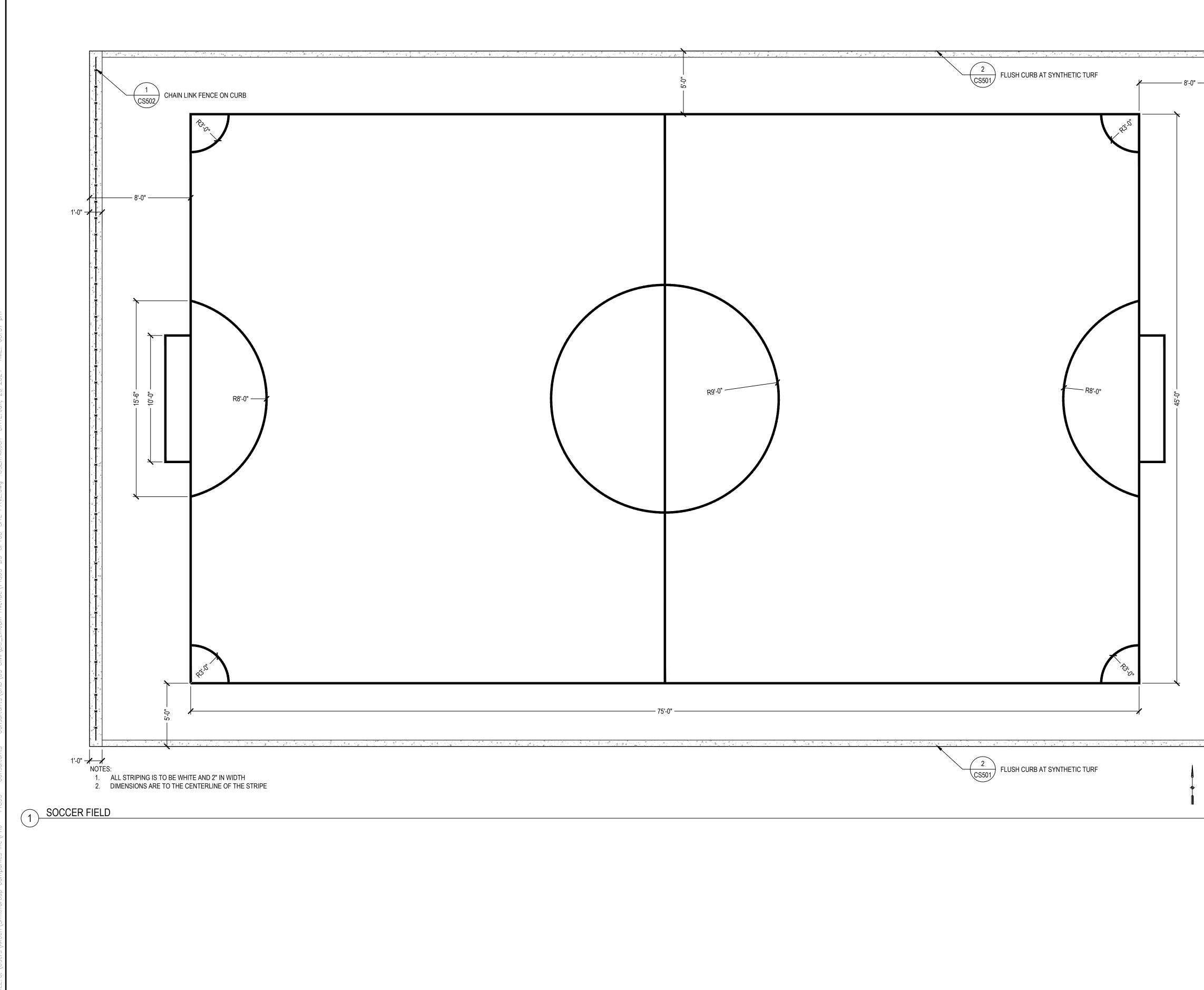
#### UTILITY DETAILS

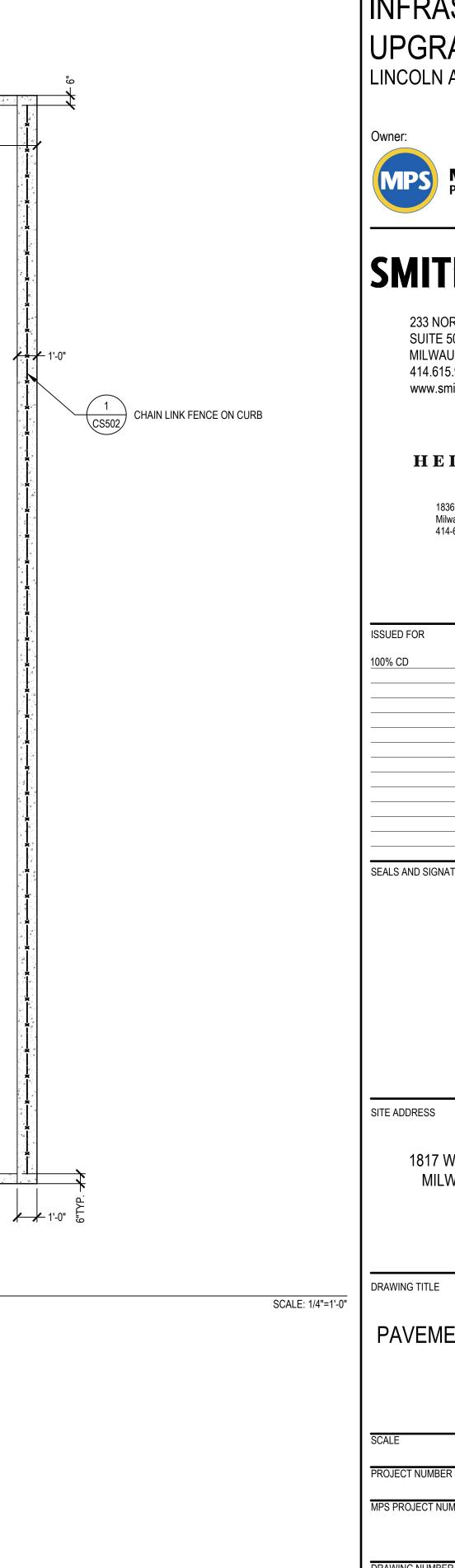
SCALE

14895

PROJECT NUMBER MPS PROJECT NUMBER

8319, DIVISION 3 CU503





# 2024 GREEN INFRASTRUCTURE UPGRADES LINCOLN AVENUE SCHOOL

Owner:



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SEALS AND SIGNATURES

SITE ADDRESS

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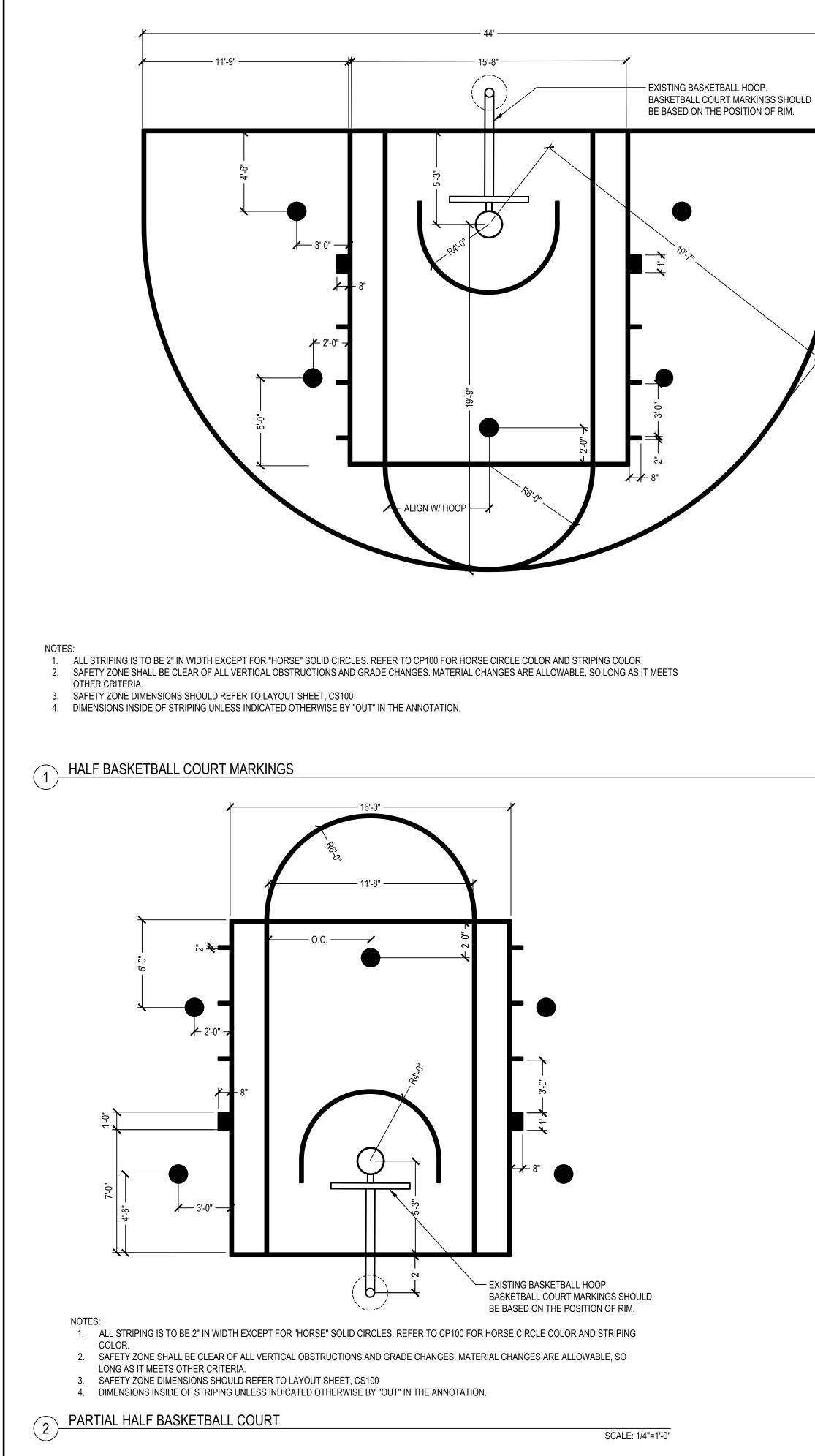
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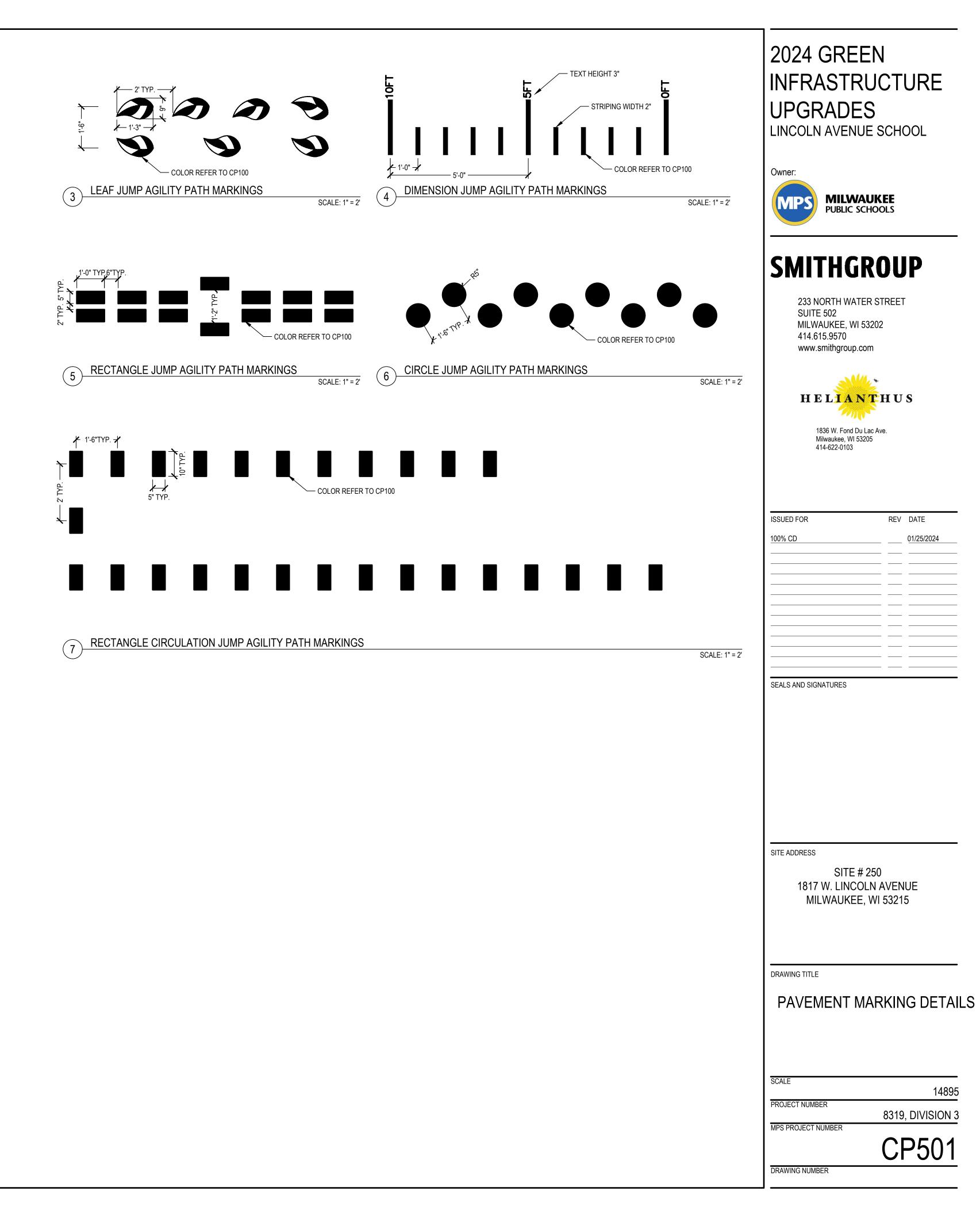
# 14895

8319, DIVISION 3

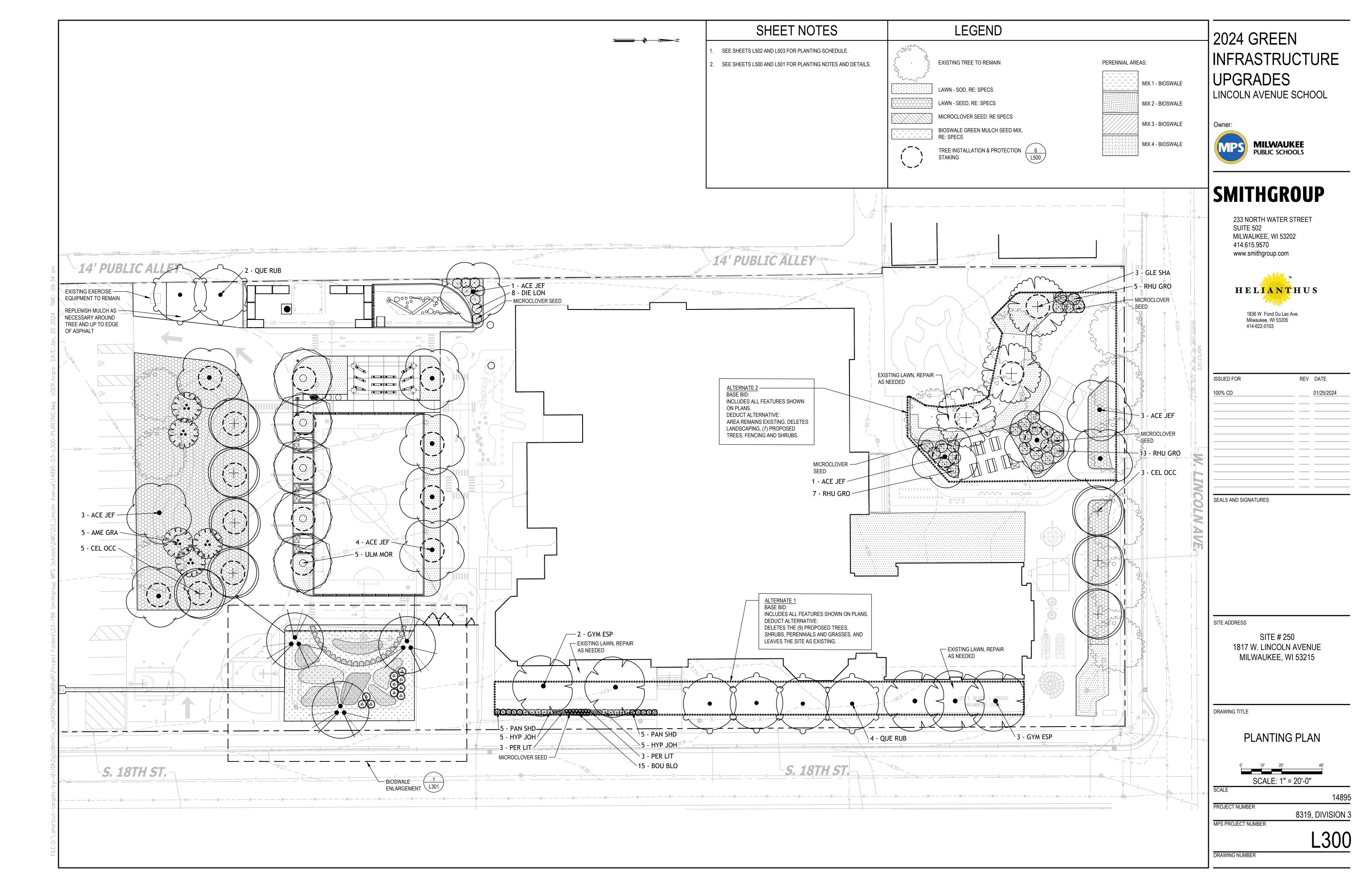
MPS PROJECT NUMBER

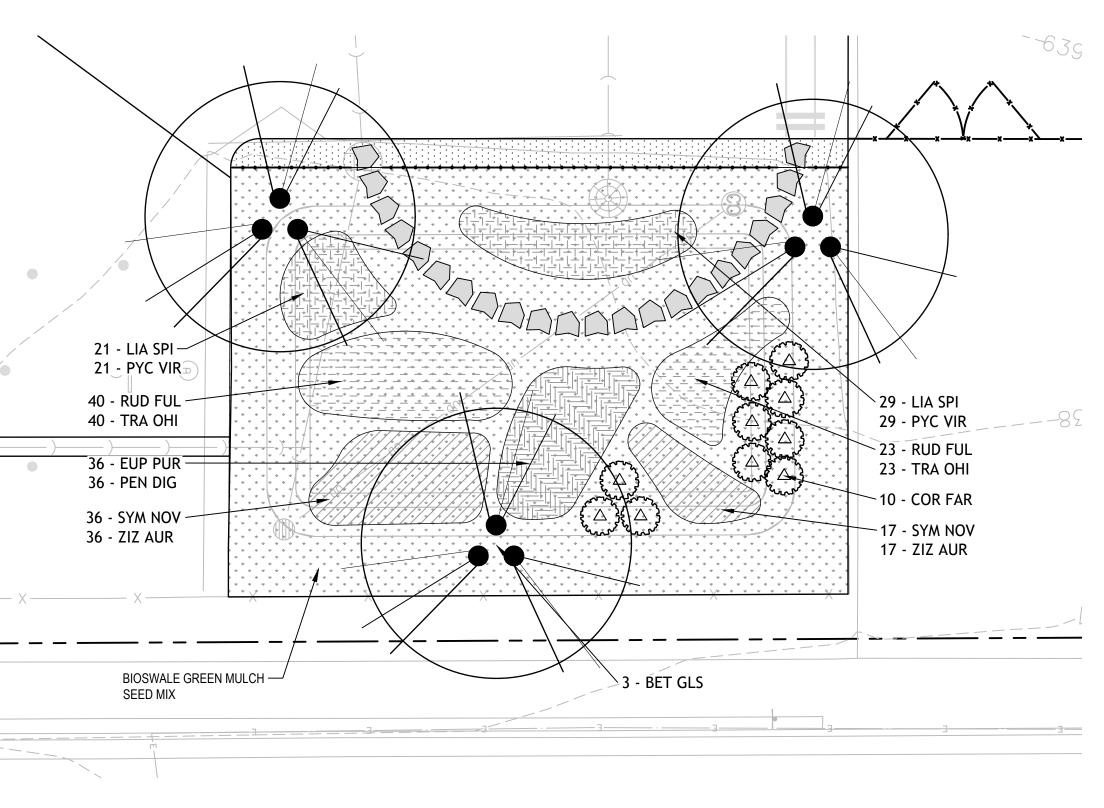
CP500





SCALE: 1/4"=1'-0"





(1) BIOSWALE ENLARGEMENT

SCALE: 1" = 10'-0"

### LEGEND

EXISTING TREE TO REMAIN

LAWN - SOD, RE: SPECS LAWN - SEED, RE: SPECS MICROCLOVER SEED: RE SPECS BIOSWALE GREEN MULCH SEED MIX, RE: SPECS

 $\left( \right)$ 

220-22

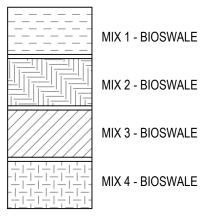
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 $\longrightarrow$ 

TREE INSTALLATION & PROTECTION 6 STAKING



PERENNIAL AREAS:



MIX 2 - BIOSWALE

MIX 3 - BIOSWALE

MIX 4 - BIOSWALE

### SHEET NOTES

SEE SHEETS L502 AND L503 FOR PLANTING SCHEDULE.

2. SEE SHEETS L500 AND L501 FOR PLANTING NOTES AND DETAILS.



# 2024 GREEN INFRASTRUCTURE UPGRADES LINCOLN AVENUE SCHOOL

Owner:

MILWAUKEE PUBLIC SCHOOLS MPS

# SMITHGROUP

233 NORTH WATER STREET SUITE 502 MILWAUKEE, WI 53202 414.615.9570 www.smithgroup.com



1836 W. Fond Du Lac Ave. Milwaukee, WI 53205 414-622-0103

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100% CD		01/25/2024

SEALS AND SIGNATURES

SITE ADDRESS

SITE # 250 1817 W. LINCOLN AVENUE MILWAUKEE, WI 53215

DRAWING TITLE



PROJECT NUMBER

MPS PROJECT NUMBER

SCALE

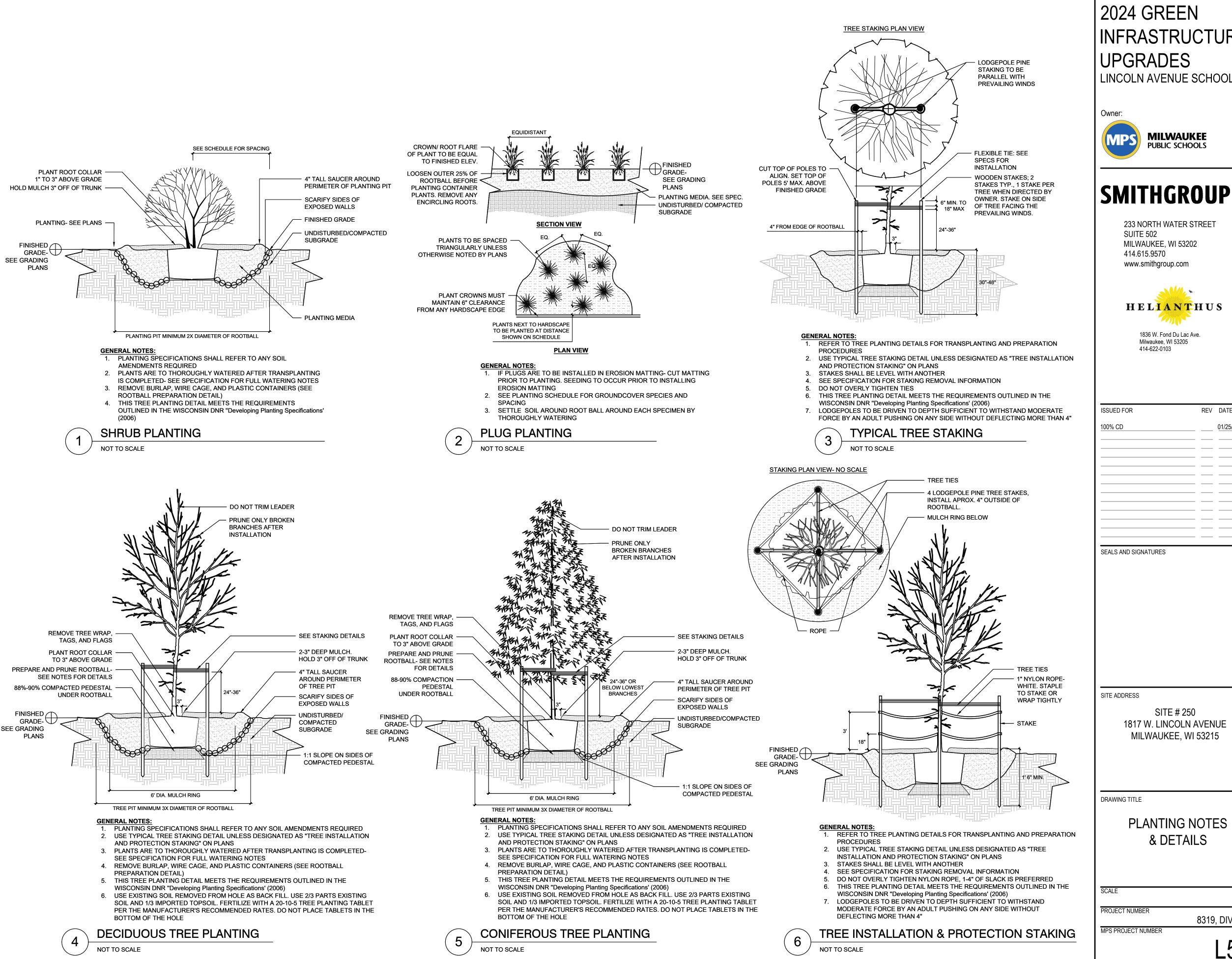
8319, DIVISION 3

L301

14895

#### PLANTING NOTES

- CONTRACTOR SHALL INSPECT THE SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS RELATED TO THE NATURE AND SCOPE OF WORK.
- 2. CONTRACTOR SHALL VERIFY LOCATION OF UNDERGROUND AND ABOVE GROUND UTILITIES AND PROVIDE THE NECESSARY PROTECTION BEFORE CONSTRUCTION BEGINS.
- 3. CONTRACTOR SHALL VERIFY PLAN LAYOUT AND DIMENSIONS SHOWN AND BRING TO THE ATTENTION OF THE PRIME CONSULTANT DISCREPANCIES WHICH MAY COMPROMISE THE DESIGN AND/OR INTENT OF THE PROJECT'S LAYOUT.
- 4. CONTRACTOR SHALL ASSURE COMPLIANCE WITH APPLICABLE CODES AND REGULATIONS GOVERNING THE WORK AND/OR MATERIALS SUPPLIED.
- CONTRACTOR SHALL PROTECT EXISTING ROADS, CURBS/GUTTERS, TRAILS, SIDEWALKS, TREES, LAWNS AND OTHER SITE ELEMENTS DURING CONSTRUCTION OPERATIONS. DAMAGE TO SAME SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR TO MAINTAIN EXISTING GRADE WITHIN THE TREE CANOPY LINE (MINIMUM) OF TREES TO BE PRESERVED AND PROTECTED UNLESS OTHERWISE INDICATED ON THE PLANS. REFERENCE SPECIFICATIONS FOR ADDITIONAL TREE PROTECTION INFORMATION.
- NO PRUNING SHALL BE PERFORMED ON TREES TO BE PRESERVED EXCEPT BY APPROVED ARBORIST.
- 8. NO EQUIPMENT SHALL OPERATE INSIDE THE DRIP LINE (AT MINIMUM) OF TREES TO BE PRESERVED.
- HAND WORK ONLY AND NO MACHINERY OR MATERIAL STORAGE WITHIN DRIP LINE OF TREES TO BE PRESERVED.
- 10. EXISTING TREES TO REMAIN SHALL BE FERTILIZED AND PRUNED TO REMOVE DEAD WOOD, DAMAGED, AND/OR RUBBING BRANCHES.
- 11. CONTRACTOR SHALL COORDINATE THE PHASES OF CONSTRUCTION AND PLANTING INSTALLATION WITH OTHER CONTRACTORS WORKING ON THE SITE.
- 12. CONTRACTOR TO COMPLETE SOIL PREPARATION PER SPECIFICATIONS.
- 13. CONTRACTOR TO SUPPLY AND INSTALL SOD, TREES, SHRUBS, PERENNIALS, GRASSES, PLUGS, AND GROUNDCOVERS.
- 14. PROPOSED PLANT MATERIAL SHALL COMPLY WITH THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1 UNLESS NOTED OTHERWISE. DECIDUOUS SHRUBS SHALL HAVE AT LEAST 5 CANES AT THE SPECIFIED HEIGHT. ORNAMENTAL TREES SHALL HAVE NO "V" CROTCHES AND SHALL BEGIN BRANCHING NO LOWER THAN 3 FEET ABOVE ROOT BALL. SHADE TREES SHALL BEGIN BRANCHING NO LOWER THAN 6' ABOVE FINISHED GRADE.
- 15. ALL PLANTS AND TREES SHALL BE PLANTED PER DETAILS AND SPECS.
- 16. ALL TREES, AS IDENTIFIED ON THE PLANS. SHALL BE STAKED AS SHOWN ON THE PLANTING DETAILS UNLESS NOTED OTHERWISE ON THE PLANS.
- 17. NO PLANTS SHALL BE INSTALLED UNTIL FINAL GRADES AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.
- 18. WHEN QUANTITIES ARE LISTED THEY ARE FOR THE CONTRACTOR'S CONVENIENCE ONLY. ALL COUNTS MUST BE VERIFIED BY THE CONTRACTOR. IN THE CASE OF A DISCREPANCY BETWEEN THE LEGEND AND THE PLAN, PLANTS INDICATED ON THE PLAN SHALL SUPERCEDE QUANTITIES LISTED IN THE LEGEND. SPECIFICATIONS AND DETAILS TAKE PRECEDENCE OVER NOTES.
- 19. NO PLANT MATERIAL SUBSTITUTIONS WILL BE ACCEPTED UNLESS APPROVAL IS REQUESTED OF THE LANDSCAPE ARCHITECT BY THE LANDSCAPE CONTRACTOR PRIOR TO THE SUBMISSION OF BID AND/OR QUOTATION.
- 20. ADJUSTMENTS IN LOCATION OF PROPOSED PLANT MATERIAL MAY BE NEEDED IN FIELD. PRIME CONSULTANT MUST BE NOTIFIED PRIOR TO THE ADJUSTMENT OF PLANTS.
- 21. CONTRACTOR SHALL VERIFY PLANT QUANTITIES SHOWN ON THE PLAN AND PROVIDE A LIST TO THE CLIENT IDENTIFYING THE SPECIES AND SIZES TO BE USED THROUGHOUT THE PROJECT. THE LANDSCAPE ARCHITECT AND THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REJECT ANY SUBSTANDARD PLANT MATERIAL. REJECTED MATERIAL SHALL BE REMOVED FROM THE PROJECT SITE IMMEDIATELY.



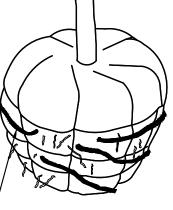
# INFRASTRUCTURE LINCOLN AVENUE SCHOOL

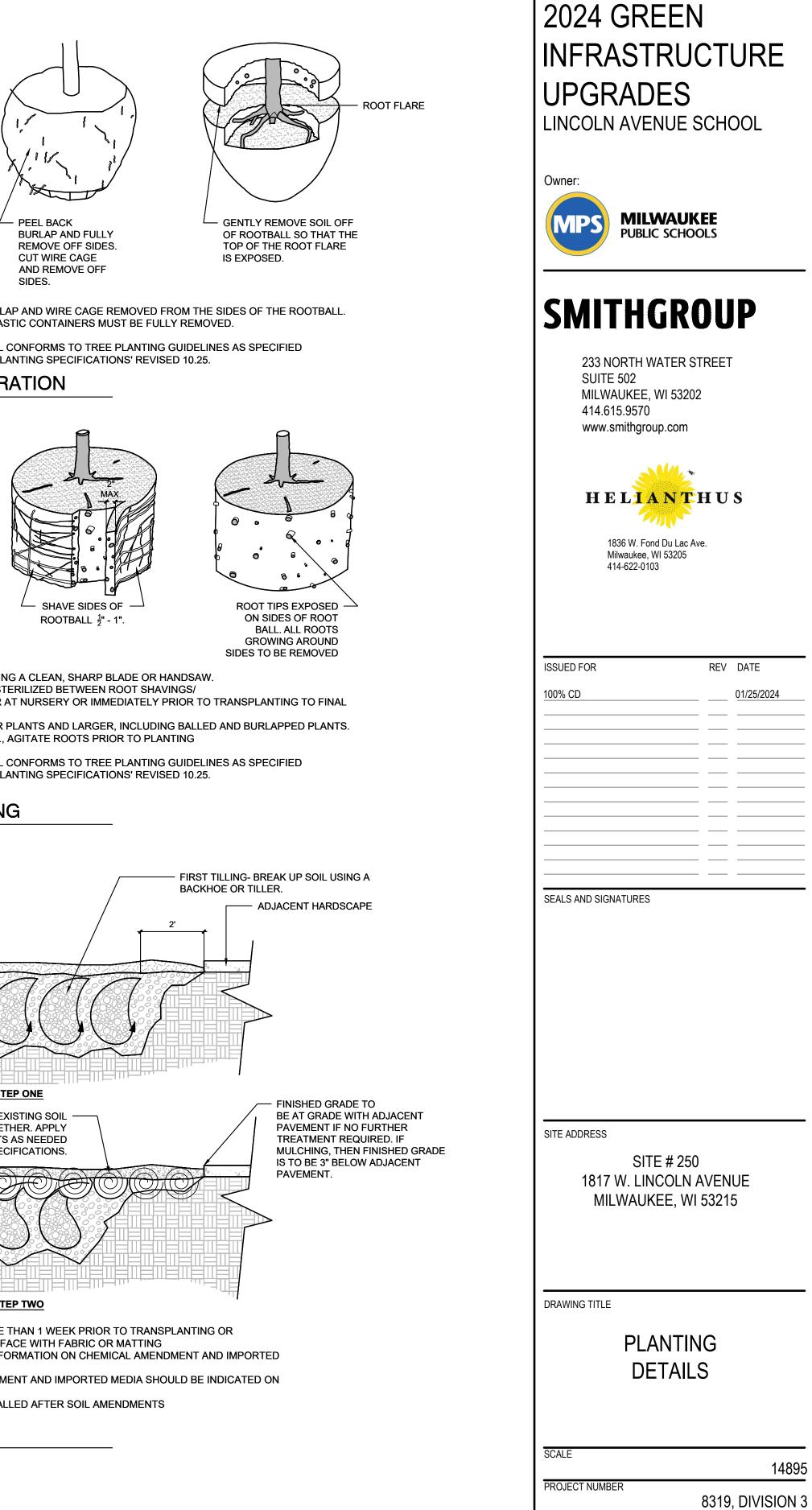
ISSUED FOR	REV	DATE
100% CD		01/25/2024

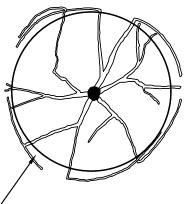
8319, **DIVISION 3** 

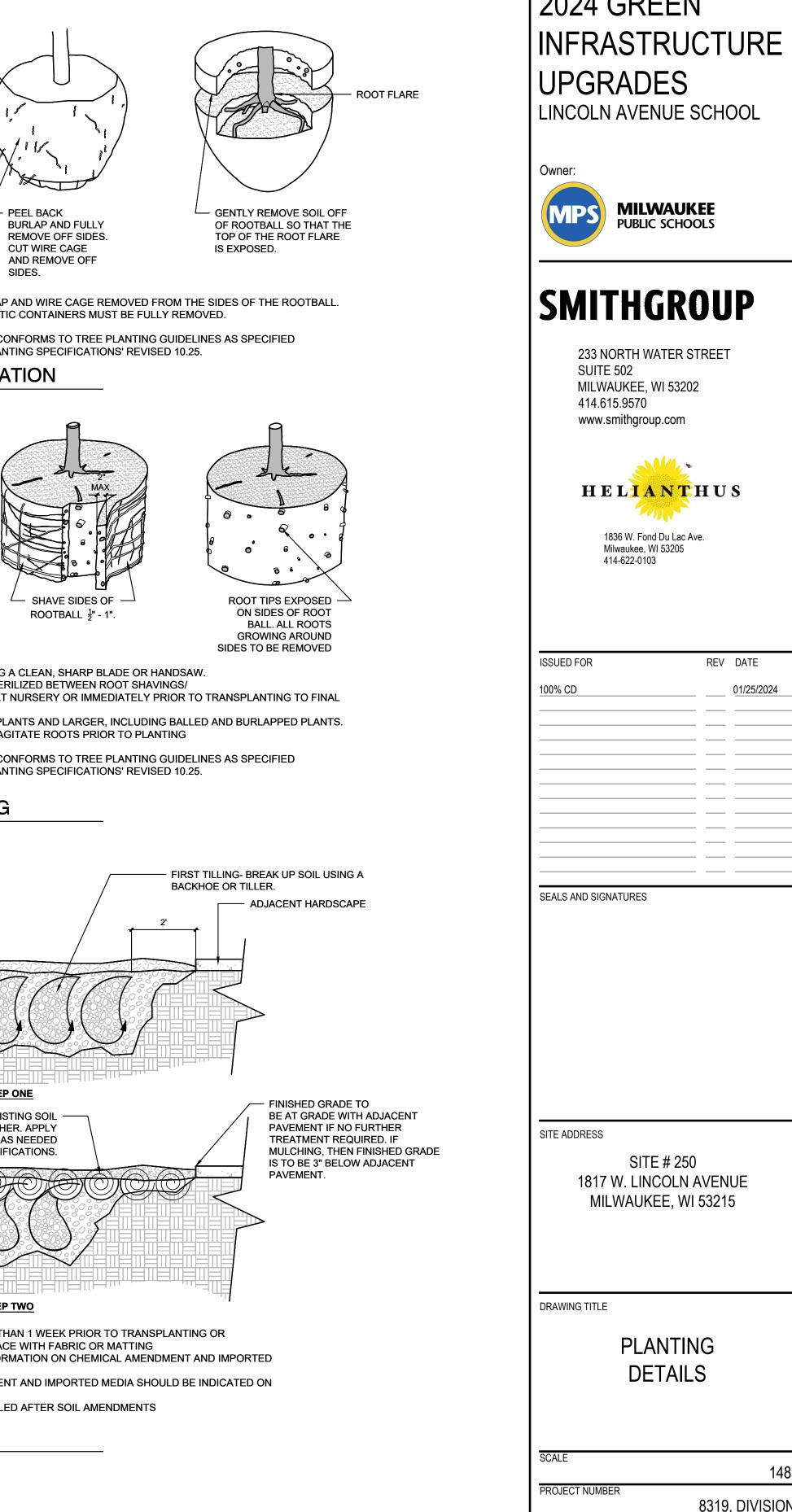
.500

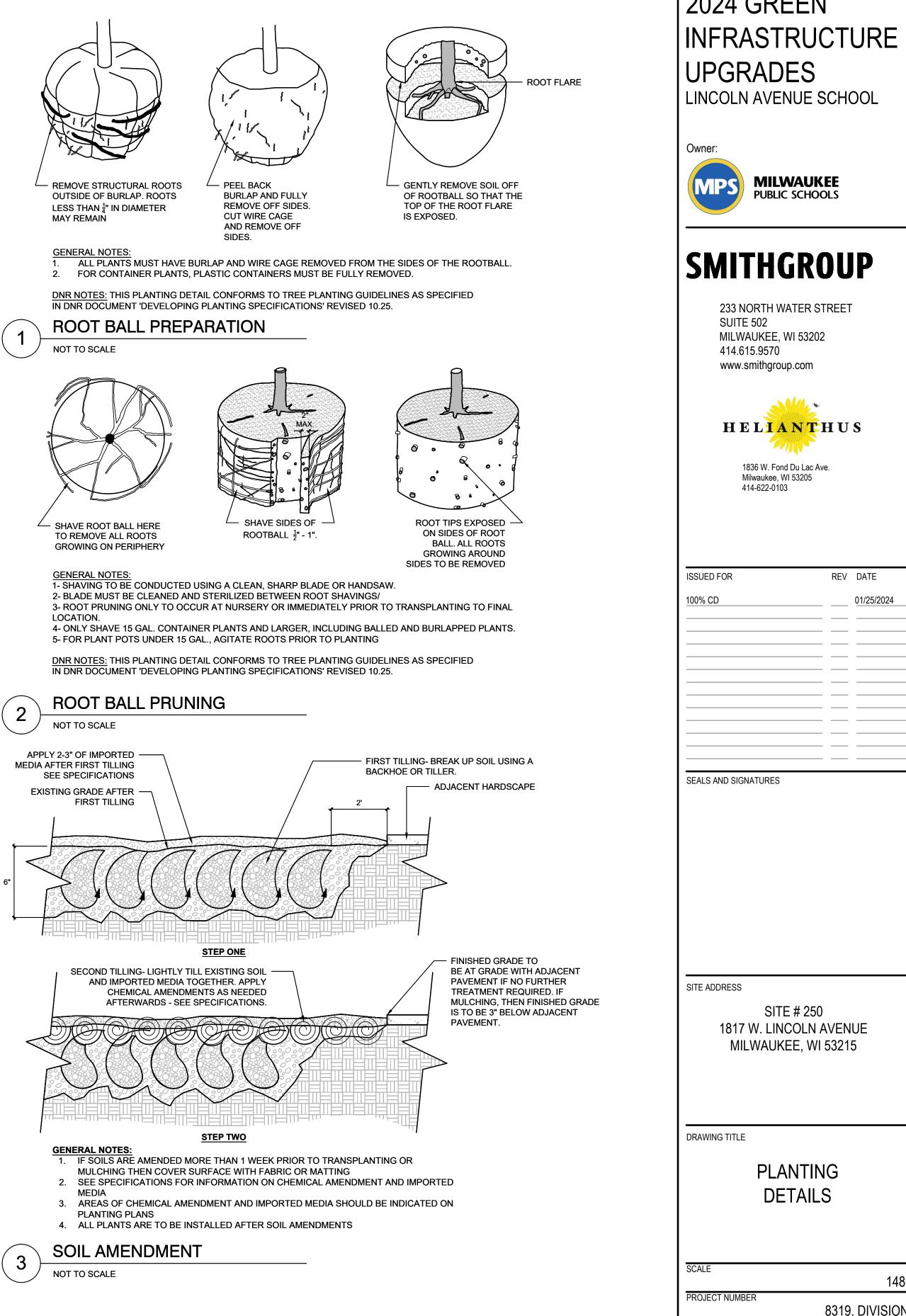
14895











MPS PROJECT NUMBER

L501

# PLANT SCHEDULE

#### **BOTANICAL / COMMON NAME** CONT SYMBOL CODE

# TREES

•

RHU GRO

	ACE JEF	Acer x freemanii `Jeffsred` / Autumn Blaze Maple	B & B
	AME GRA	Amelanchier x grandiflora `Autumn Brilliance` / `Autumn Brilliance` Serviceberry	B & B
	BET GLS	Betula nigra 'Cully Improved' / Heritage® Improved River Birch Multi-trunk	B & B
(+)	CEL OCC	Celtis occidentalis / Common Hackberry	B & B
	GLE SHA	Gleditsia triacanthos inermis 'Shademaster' / Shademaster Honey Locust	B & B
	GYM ESP	Gymnocladus dioica `Espresso` / Kentucky Coffee Tree	B & B
	QUE RUB	Quercus rubra / Red Oak	B & B
$\bigcirc$	ULM MOR	Ulmus x `Morton Accolade` / Accolade Elm	B & B
SHRUBS			
for the second s	COR FAR	Cornus sericea 'Farrow' / Arctic Fire® Red Twig Dogwood	3 gal
$\overline{ \cdot }$	DIE LON	Diervilla lonicera / Dwarf Bush Honeysuckle	3 gal
	HYP JOH	Hypericum kalmianum / Kalm's St. Johnswort	3 gal

Rhus aromatica `Gro-Low` / Gro-Low Fragrant Sumac

3 gal

PLANTING SIZE	MATURE HT	MATURE SP	<u>QTY</u>	BIOSWAL
2.5" Min. Cal.	50`	40`	12	Botanical Name Cover Crop: Regreen Grasses & Sedges:
6 FT. Tall Min. Multi-stem	30`	25`	5	Carex brevior Carex bromoides Carex vulpinoidea Penstemon digitalis Rudbeckia hirta
6 FT. Tall Min.	40`	60`	3	Sporobolus heterole
2.5" Min. Cal.	60`	60`	8	
2.5" Min. Cal.	60`	50`	3	
2.5" Min. Cal.	50`	35`	5	
2.5" Min. Cal.	75`	75`	6	
2.5" Min. Cal.	70`	70`	5	
Container	4`	4`	10	
Container	4`	5`	8	
Container	3`	3`	10	
Container	2`	6`	25	

### IOSWALE GREEN MULCH SEED MIX

		PLS
	Common Name	Ounces/Acre
	Regreen Winter Wheat	160
s:		
	Plains Oval Sedge	6
	Brome Hummock Sedge	8
a	Brown Fox Sedge	16
ılis	Foxglove Beardtongue	2
	Black-eyed Susan	3
olepis	Prairie Dropseed	36
	Total	231
	LBS	14.44

## 2024 GREEN INFRASTRUCTURE UPGRADES LINCOLN AVENUE SCHOOL

Owner:



# SMITHGROUP

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100% CD		01/25/2024

#### SEALS AND SIGNATURES

SITE ADDRESS

SITE # 250 1817 W. LINCOLN AVENUE MILWAUKEE, WI 53215

DRAWING TITLE

#### PLANTING SCHEDULE

SCALE

14895

PROJECT NUMBER MPS PROJECT NUMBER

8319, DIVISION 3

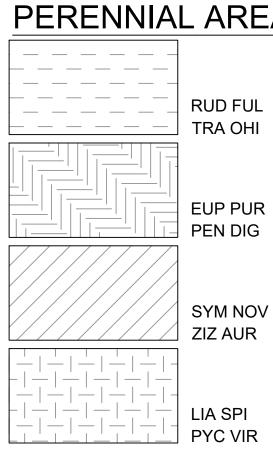
L502

### PLANT SCHEDULE

#### PERENNIALS & GRASSES

LS & GR	ASSES				
BOU BLO	Bouteloua gracilis `Blonde Ambition` / Blonde Ambition Blue Grama	#1	Container	2.5`	2`
PAN SHD	Panicum virgatum 'Shenandoah' / Shenandoah Switch Grass	#1	Container	3`	3`
PER LIT	Perovskia atriplicifolia 'Little Spire' / Little Spire Russian Sage	#1	Container	2`	2`
CODE	BOTANICAL / COMMON NAME	CONT	PLANTING SIZE	MATURE HT	MATURE SP
L AREAS	$\mathbf{\hat{b}}$				
	MIX 1 - BIOSWALE				
RUD FUL TRA OHI	Rudbeckia fulgida / Coneflower Tradescantia ohiensis / Spiderwort	PLUG PLUG	32-CELL FLAT OR EQUIVALENT 32-CELL FLAT OR EQUIVALENT	3` 2`	2` 1.5`
-	MIX 2 - BIOSWALE				
EUP PUR PEN DIG	Eupatorium purpureum / Savannah Joe-Pye Weed Penstemon digitalis / Beard-tongue	PLUG PLUG	32-CELL FLAT OR EQUIVALENT 32-CELL FLAT OR EQUIVALENT	6` 3`	2` 1.5`
	MIX 3 - BIOSWALE				
SYM NOV	Symphyotrichum novae-angliae / New England Aster	PLUG PLUG	32-CELL FLAT OR EQUIVALENT 32-CELL FLAT OR EQUIVALENT	5` 2`	3` 2`
ZIZ AUR	Zizia aurea / Golden Alexander	FLUG	52-OLLET LAT ON EQUIVALENT	2	2
	MIX 4 - BIOSWALE	FLUG	52-OLLET LAT ON EQUIVALENT	2	2
	BOU BLO PAN SHD PER LIT CODE L AREAS RUD FUL TRA OHI EUP PUR PEN DIG SYM NOV	PAN SHD       Panicum virgatum 'Shenandoah' / Shenandoah Switch Grass         PER LIT       Perovskia atriplicifolia 'Little Spire' / Little Spire Russian Sage         CODE       BOTANICAL / COMMON NAME         LAREAS       MIX 1 - BIOSWALE         RUD FUL TRA OHI       Rudbeckia fulgida / Coneflower Tradescantia ohiensis / Spiderwort         MIX 2 - BIOSWALE       MIX 2 - BIOSWALE         EUP PUR PEN DIG       Eupatorium purpureum / Savannah Joe-Pye Weed Penstemon digitalis / Beard-tongue         MIX 3 - BIOSWALE       SYM NOV         SYM NOV       Symphyotrichum novae-angliae / New England Aster	BQU BLO       Bouteloua gracilis 'Blonde Ambition' / Blonde Ambition Blue Grama       #1         PAN SHD       Panicum virgatum 'Shenandoah' / Shenandoah Switch Grass       #1         PER LIT       Perovskia atriplicifolia 'Little Spire' / Little Spire Russian Sage       #1         CODE       BOTANICAL / COMMON NAME       CONT         LAREAS       MIX 1 - BIOSWALE       CONT         RUD FUL       Rudbeckia fulgida / Coneflower       PLUG         TRA OHI       Tradescantia ohiensis / Spiderwort       PLUG         MIX 2 - BIOSWALE       EUP PUR       Eupatorium purpureum / Savannah Joe-Pye Weed       PLUG         PEN DIG       Pensternon digitalis / Beard-tongue       PLUG       PLUG         SYM NOV       Symphyotrichum novae-angliae / New England Aster       PLUG	BOU BLO       Bouteloua gracilis 'Blonde Ambition' / Blonde Ambition Blue Grama       #1       Container         PAN SHD       Panicum virgatum 'Shenandoah' / Shenandoah Switch Grass       #1       Container         PER LIT       Perovskia atriplicifolia 'Little Spire' / Little Spire Russian Sage       #1       Container         CODE       BOTANICAL / COMMON NAME       CONT       PLANTING SIZE         L AREAS       MIX 1 - BIOSWALE       CONT       PLUG 32-CELL FLAT OR EQUIVALENT PLUG 32-CELL FLAT OR EQUIVALENT MIX 2 - BIOSWALE         EUP FUR       Eupatorium purpureum / Savannah Joe-Pye Weed       PLUG 32-CELL FLAT OR EQUIVALENT PLUG 32-CELL FLAT OR EQUIVALENT MIX 3 - BIOSWALE         EVP PUR       Eupatorium purpureum / Savannah Joe-Pye Weed       PLUG 32-CELL FLAT OR EQUIVALENT MIX 3 - BIOSWALE         SYM NOV       Symphyotrichum novae-angliae / New England Aster       PLUG 32-CELL FLAT OR EQUIVALENT PLUG 32-CELL FLAT OR EQUIVALENT	BOU BLO       Bouteloua gracilis 'Blonde Ambition' / Blonde Ambition Blue Grama       #1       Container       2.5'         PAN SHD       Panicum virgatum 'Shenandoah' / Shenandoah Switch Grass       #1       Container       3'         PER LIT       Perovskia atriplicifolia Little Spire' / Little Spire Russian Sage       #1       Container       2'         CODE       BOTANICAL / COMMON NAME       CONT       PLANTING SIZE       MATURE HT         LAREAS       MIX 1 - BIOSWALE       MIX 1 - BIOSWALE       MIX 1 - BIOSWALE       PLUG       32-CELL FLAT OR EQUIVALENT       3'         RUD FUL       Rudbeckia fulgida / Coneflower       PLUG       32-CELL FLAT OR EQUIVALENT       3'         TRA OHI       Tradescantia ohiensis / Spiderwort       PLUG       32-CELL FLAT OR EQUIVALENT       2'         MIX 2 - BIOSWALE       EUP PUR       Eupatorium purpureum / Savannah Joe-Pye Weed       PLUG       32-CELL FLAT OR EQUIVALENT       3'         PEN DIG       Penstemon digitalis / Beard-tongue       PLUG       32-CELL FLAT OR EQUIVALENT       3'         MIX 3 - BIOSWALE       Symphyotrichum novae-angliae / New England Aster       PLUG       32-CELL FLAT OR EQUIVALENT       5'

### SYI



# 2024 GREEN INFRASTRUCTURE UPGRADES LINCOLN AVENUE SCHOOL

Owner:



# SMITHGROUP

233 NORTH WATER STREET SUITE 502 MILWAUKEE, WI 53202 414.615.9570 www.smithgroup.com



1836 W. Fond Du Lac Ave. Milwaukee, WI 53205 414-622-0103

ISSUED FOR	REV	DATE
100% CD		01/25/2024

#### SEALS AND SIGNATURES

SITE ADDRESS

SITE # 250 1817 W. LINCOLN AVENUE MILWAUKEE, WI 53215

DRAWING TITLE

#### PLANTING SCHEDULE

SCALE

14895

MPS PROJECT NUMBER

PROJECT NUMBER

8319, DIVISION 3 L503

DRAWING NUMBER

	15
	10
	6
<u>SPACING</u>	<u>QTY</u>
	273 sf
50% @ 18" o.c. 50% @ 18" o.c.	63 63

50% @ 18" o.c. 50% @ 18" o.c.	
50% @ 18" o.c. 50% @ 18" o.c.	
50% @ 18" o.c. 50% @ 18" o.c.	



50

50