

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS
PLAN OF PROPOSED IMPROVEMENT

PUBLIC IMPROVEMENT PROJECT
APPROVED

APRIL 30, 2019

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

Ch. Phillips 8/9/19
City Engineer Robert Phillips Date

STORM PROJECT
DESIGNED BY:



INDEX OF SHEETS

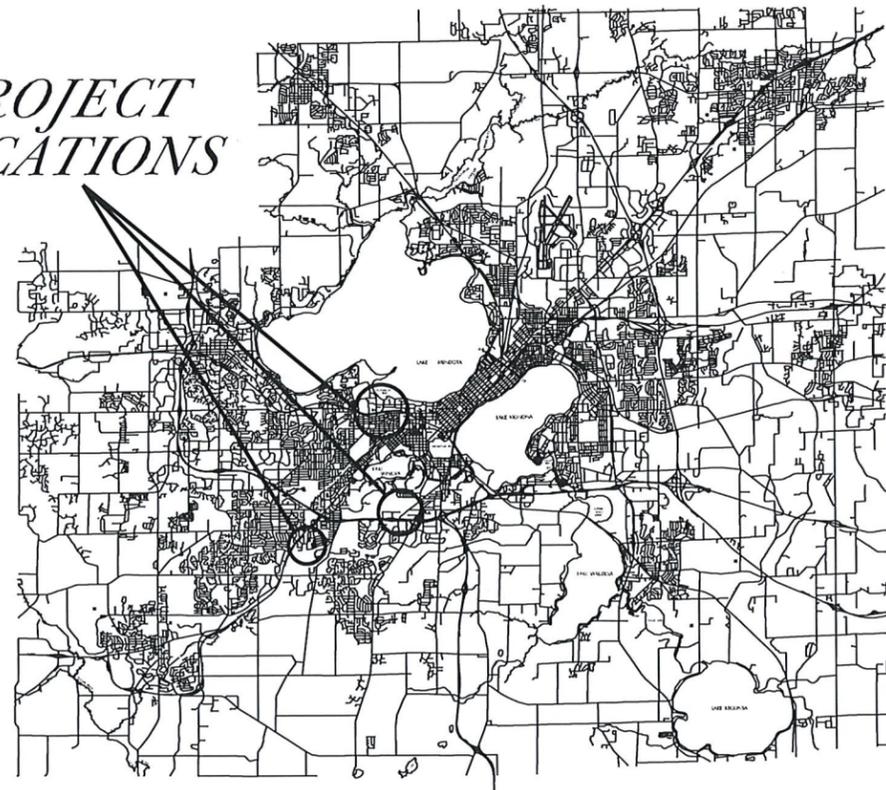
SHEET NO.	TITLE
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STORM STRUCTURAL REPAIRS 2019

CITY PROJECT NO. 11845
CONTRACT NO. 8468

CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SAN —
WATER	— W —
OVERHEAD ELECTRIC	— OH —
POWER POLE	□
HANDICAP RAMP	♿
COMBUSTIBLE FLUIDS	☠

PROJECT LOCATIONS



PLANNED EARTHWORK QUANTITIES
ESTIMATED UNDISTRIBUTED UNDERCUT.....20 CY
TOTAL UNCLASSIFIED EXCAVATION CUT.....20 CY

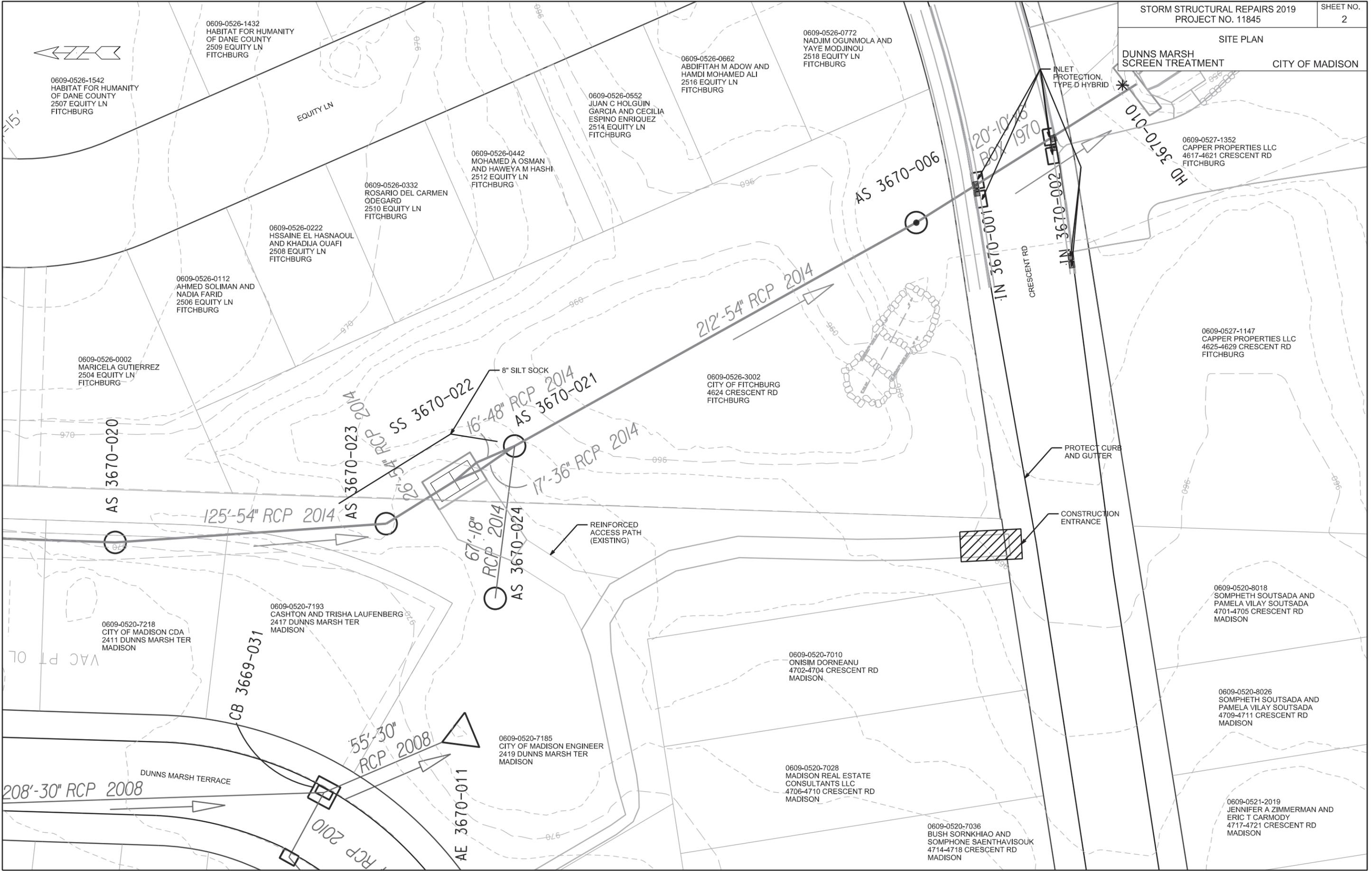
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

SITE PLAN
DUNNS MARSH
SCREEN TREATMENT CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

STORM SEWER SCHEDULE

STORM STRUCTURAL REPAIRS 2019	SHEET NO.
PROJECT NO. 11845	4
STORM SEWER SCHEDULE CITY OF MADISON	

STORM STRUCTURE TAP

STRUC ID NO. NO.	STATION	LOCATION (OFFSET)	TYPE	E.I.	NOTES
T-1	EX. SS 3670-022	10+87.87	LT-3.49		
T-2	EX. AS 3670-023	10+65.15	LT-0.34		
			SPECIAL STRUCTURE	959.17	
			5X5 SAS	959.28	

PROPOSED STORM PIPES

PIPE NO.	FROM SAS (DWNSTRM)	TO SAS (UPSTREAM)	EI # (DWNSTRM)	EI # (UPSTRM)	PIPE LENGTH (FT)	PLAN LENGTH (FT)	SLOPE (%)	SIZE (DIA)	TYPE	NOTES
P-1	T-1	T-2	959.17	959.28	23	25	0.48%	42"	RCP	

STORM STRUCTURE ADJUSTMENT

STRUC ID NO. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	NOTES
ADJ-1	EX. SS 3670-023	10+62.67	RT-0.00			
			5X5 SAS	965.10	950.75	SEE SPEC. NOTE 1

NOTE: PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

SPECIAL NOTES:

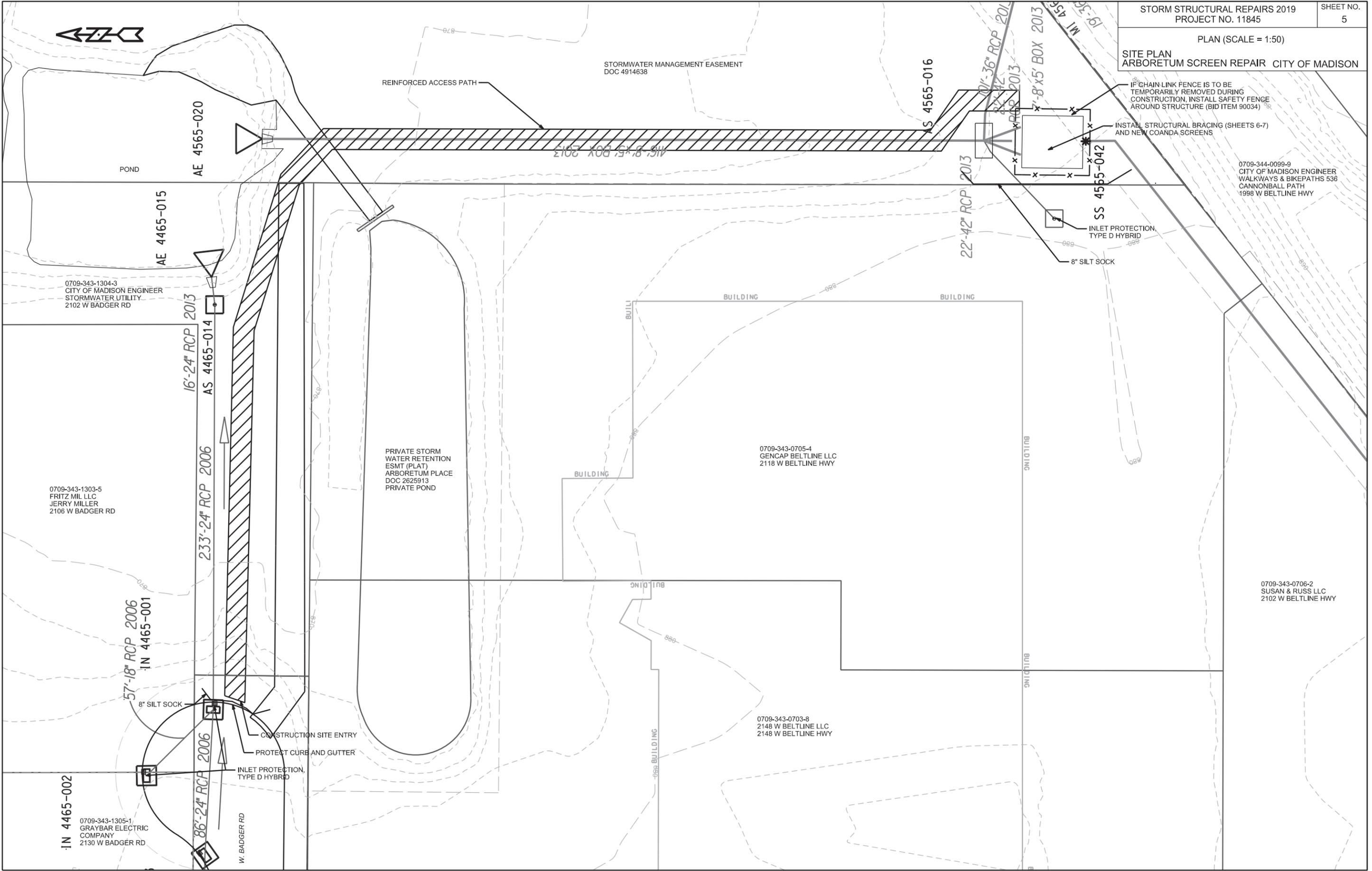
(1) INSTALL HYDROVENT CASTING R-1550. HYDROVENT CASTING TO BE ALIGNED TO DISCHARGE TO RIP RAP PAD EAST OF STRUCTURE.

STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN
 - APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
 - TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS'S.
 - TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
 - ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
 - SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
 - ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT LAUREN STRIEGL OF CITY ENGINEERING AT (608) 266-4094, LSTRIEGL@CITYOFMADISON.COM, FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608) 264-9275.

PLAN (SCALE = 1:50)

SITE PLAN
ARBORETUM SCREEN REPAIR CITY OF MADISON



IF CHAIN LINK FENCE IS TO BE TEMPORARILY REMOVED DURING CONSTRUCTION, INSTALL SAFETY FENCE AROUND STRUCTURE (BJD ITEM 90034)

INSTALL STRUCTURAL BRACING (SHEETS 6-7) AND NEW COANDA SCREENS

0709-344-0099-9
CITY OF MADISON ENGINEER
WALKWAYS & BIKEPATHS 536
CANNONBALL PATH
1998 W BELTLINE HWY

INLET PROTECTION,
TYPE D HYBRID

8" SILT SOCK

PRIVATE STORM
WATER RETENTION
ESMT (PLAT)
ARBORETUM PLACE
DOC 2625913
PRIVATE POND

0709-343-0705-4
GENCAP BELTLINE LLC
2118 W BELTLINE HWY

0709-343-0706-2
SUSAN & RUSS LLC
2102 W BELTLINE HWY

0709-343-0703-8
2148 W BELTLINE LLC
2148 W BELTLINE HWY

0709-343-1303-5
FRITZ MIL LLC
JERRY MILLER
2106 W BADGER RD

0709-343-1305-1
GRAYBAR ELECTRIC
COMPANY
2130 W BADGER RD

0709-343-1304-3
CITY OF MADISON ENGINEER
STORMWATER UTILITY
2102 W BADGER RD

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