

Madison, Wisconsin

INDEX OF SHEETS

SHEET NO.	B6-C6.5	UNIVERSITY AVE STORM SEWER
SHEET NO.	P6-C6.6	UNIVERSITY AVE STORM SEWER STRUCTURE AND PIPE TABLE
NO MAINTENANCE PLAN		

CITY OF MADISON

CITY ENGINEERING DIVISION

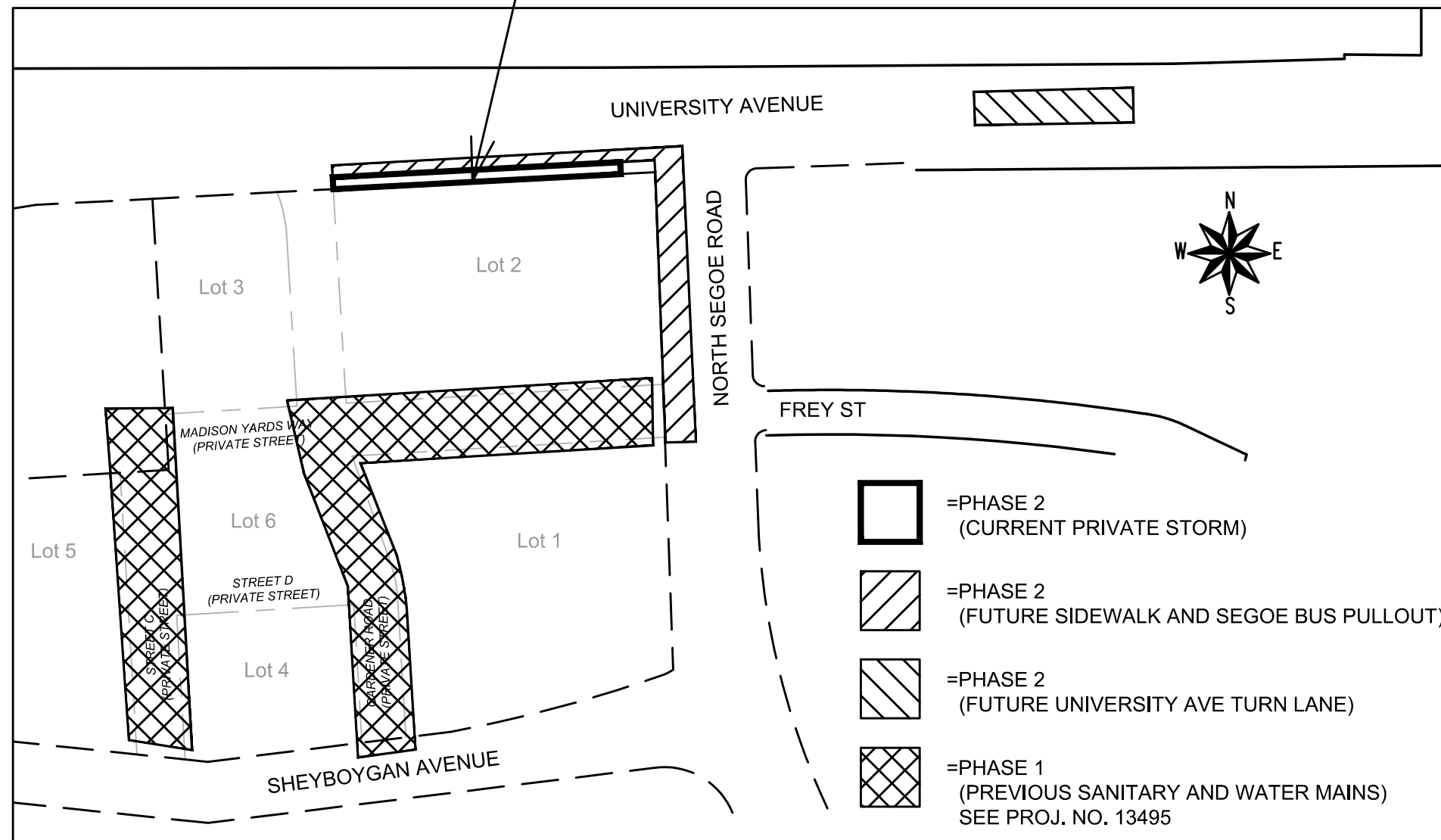
DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

MADISON YARDS AT HILL FARMS : PHASE 2 (LOT 2) STORM SEWER-ONLY

CITY PROJECT NO. 13495
CONTRACT NO. 9048

PHASE 2: (CURRENT PRIVATE STORM)



PUBLIC IMPROVEMENT PROJECT APPROVED

AUGUST 3, 2021

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

Greg Fries

Nov 23, 2021

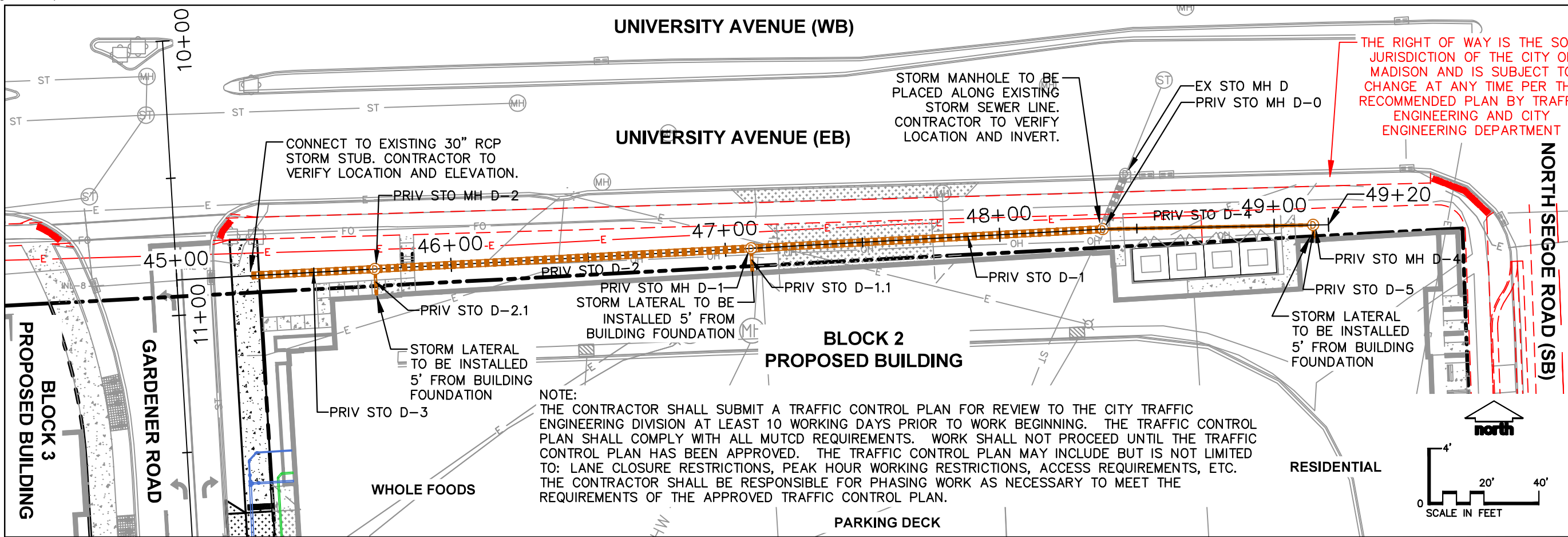
City Engineer

Date

STORM SEWER DESIGNED BY:



PLOT SCALE: 1"=1'-0" XREF
 PLOT NAME: ---
 REV. DATE: 10/5/2021 7:33 AM
 ORIGINATOR: CITY_OF_MADISON



948										948										
946										946										
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	935.1	938.8	936.90	940.7	936.26	940.1	935.56	938.9	934.85	938.0	932.99	937.7	932.93	937.0	932.51	936.4	932.33			
	45+00			46+00				47+00		48+00				49+00						

137 LF OF 30 IN RCP @ -1.31%

128 LF OF 30 IN RCP @ -1.30%

77 LF OF 10 IN HDPE @ -1.50%

45 LF OF 30 IN RCP @ -1.30% PIPE SLOPE TO MATCH EXISTING PIPE STUB SLOPE

PRIV STO MH D-2
 STA: 45+72.24, 0.0
 RIM: 937.01
 DEPTH: 8.7'

PRIV STO MH D-1
 STA: 47+09.38, 0.0
 RIM: 934.49
 DEPTH: 8.0'

PRIV STO MH D-0
 STA: 48+37.58, 0.0
 RIM: 932.64
 DEPTH: 8.0'

PRIV STO MH D-4
 STA: 49+14.13, 0.0
 RIM: 932.18
 DEPTH: 4.6'

S INV: 930.17 (30")
 W INV: 928.40 (30")
 E INV: 928.30 (30")

W INV: 926.51 (30")
 S INV: 928.34 (10")
 E INV: 926.41 (30")

W INV: 924.74 (30")
 E INV: 926.41 (10")
 N INV: 924.64 (30")

S INV: 927.66 (10")
 W INV: 927.56 (10")

JSD
 Professional Services, Inc.
 Engineers • Surveyors • Planners

CREATE THE VISION TELL THE STORY

MADISON | MILWAUKEE | WAUSAU
 APPLETON | KENOSHA | CHICAGO
 COEUR D'ALENE

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

CLIENT:
SMITH GILBANE

CITY PROJECT NO.: 13495
 CITY CONTRACT NO.: 9048
 CITY PROJECT NAME:
MADISON YARDS AT HILL FARMS: PHASE 2

PROJECT:
MADISON YARDS AT HILL FARMS BLOCK 6

PROJECT LOCATION:
 MADISON, WI
 DANE COUNTY

PLAN MODIFICATIONS:

#	Date	Description
1	08.21.2021	CITY SUBMITTAL
2		
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13		
14		
15		

Designed By:
 Reviewed By:
 Approved By:

SHEET TITLE:
**BLOCK 6
 PLAN & PROFILE -
 GARDENER ROAD TO
 UNIVERSITY AVENUE
 STORM SEWER**

SHEET NUMBER:
B6-C6.5

JSD PROJECT NO: 19-0366

File: I:\2019\193461\DWG\Civil\City\Plan\B6-C6.5.dwg Layout: 11x17 SHEET (P&P) User: cdumond Pkdate: Oct 08, 2021 - 11:59am Xrefs:



CREATE THE VISION TELL THE STORY

MADISON | MILWAUKEE | WAUSAU
APPLETON | KENOSHA | CHICAGO
COEUR D'ALENE

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

CLIENT:
SMITH GILBANE

CLIENT ADDRESS:
241 N. BROADWAY, SUITE 400
MILWAUKEE, WI 53202

CITY PROJECT NO.: 13495
CITY CONTRACT NO.: 9048
CITY PROJECT NAME:
MADISON YARDS AT HILL
FARMS: PHASE 2

PROJECT:
MADISON YARDS AT
HILL FARMS
BLOCK 6

PROJECT LOCATION:
MADISON, WI
DANE COUNTY

PLAN MODIFICATIONS:

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1	08.21.2021	CITY SUBMITTAL
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Designed By:
Reviewed By:
Approved By:

SHEET TITLE:
**BLOCK 6 - GARDENER
ROAD TO UNIVERSITY
AVENUE STORM SEWER
STRUCTURE AND PIPE
TABLE**

SHEET NUMBER:

B6-C6.6

JSD PROJECT NO: 19-0366

PROPOSED STORM SEWER STRUCTURES TABLE					
LABEL	RIM EL. (FT)	INVERT EL. (FT)	DEPTH (FT)	STRUCTURE DESC.	FRAME & GRATE
STO MH D-0	932.64	N INV: 924.64 (30") W INV: 924.74 (30") E INV: 926.41 (10")	8.0	72 IN MH (FLAT)	R-1550 SOLID LID
STO MH D-1	934.49	E INV: 926.41 (30") W INV: 926.51 (30") S INV: 928.34 (10")	8.0	60 IN MH (FLAT)	R-1550 SOLID LID
STO MH D-2	937.01	E INV: 928.30 (30") S INV: 930.17 (10") W INV: 928.40 (30")	8.7	60 IN MH (FLAT)	R-1550 SOLID LID
STO MH D-4	932.18	W INV: 927.56 (10") S INV: 927.66 (10")	4.6	48 IN MH (FLAT)	R-1550 SOLID LID

PROPOSED STORM SEWER PIPE TABLE							
LABEL	FROM	TO	LENGTH	INVERT EL. (FT)	DISCHARGE EL. (FT)	SLOPE	SIZE & MATERIAL
STO D-1	STO MH D-1	STO MH D-0	128'	926.41	924.74	1.30%	30 IN RCP
STO D-1.1	BUILDING	STO MH D-1	8'	928.43	928.34	1.08%	10 IN HDPE
STO D-2	STO MH D-2	STO MH D-1	137'	928.30	926.51	1.31%	30 IN RCP
STO D-2.1	BUILDING	STO MH D-2	9'	930.26	930.17	1.00%	10 IN HDPE
STO D-3	EXISTING STUB	STO MH D-2	45'	928.98	928.40	1.30%	30 IN RCP
STO D-4	STO MH D-4	STO MH D-0	77'	927.56	926.41	1.50%	10 IN HDPE
STO D-5	BUILDING	STO MH D-4	5'	927.75	927.66	2.00%	10 IN HDPE