

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

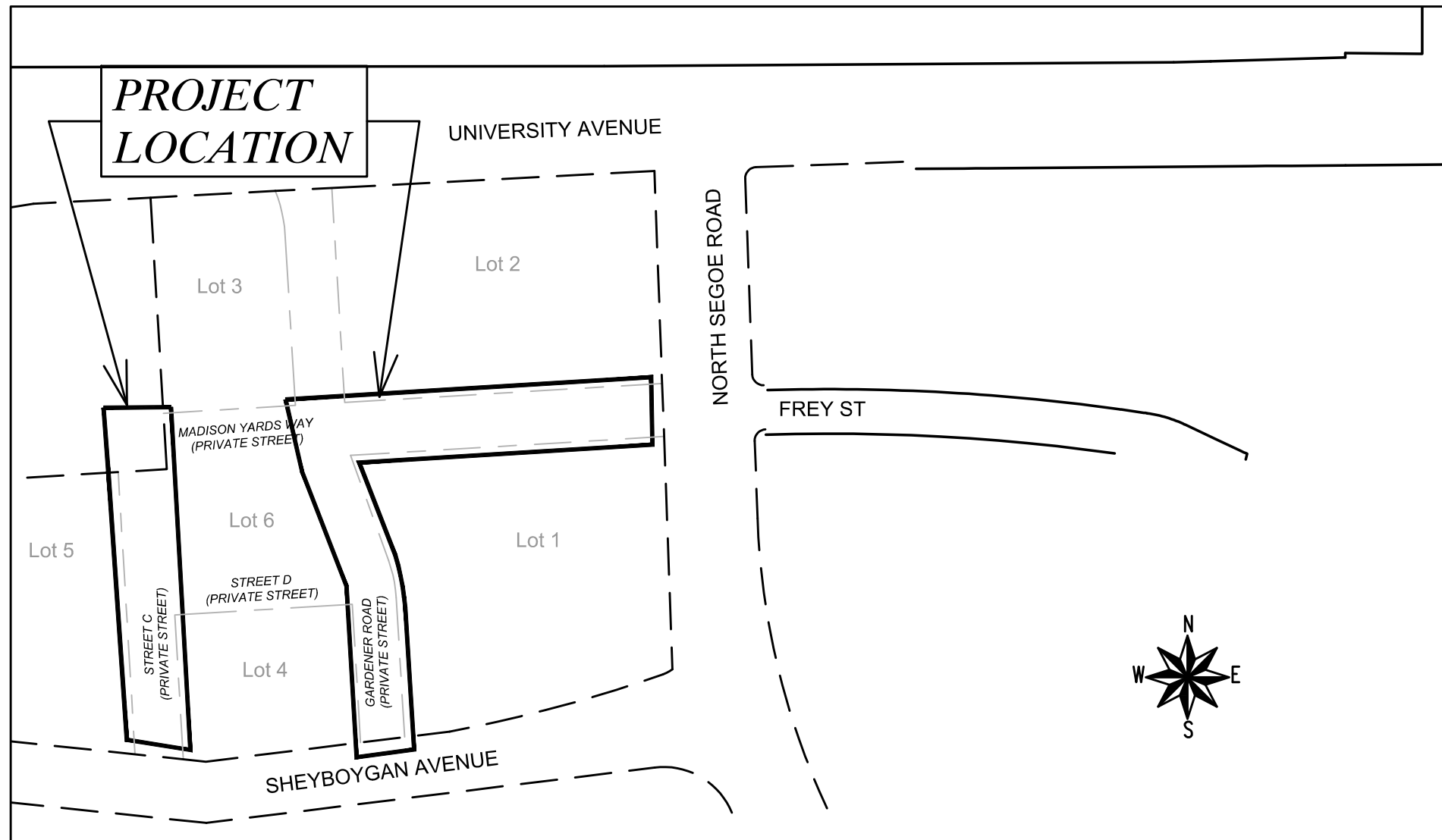
PLAN OF PROPOSED IMPROVEMENT

MADISON YARDS AT HILL FARMS : PHASE 1 (LOT 6)

CITY PROJECT NO. 13496
CONTRACT NO. 8856

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NO MAINTENANCE PLAN		



PUBLIC IMPROVEMENT PROJECT APPROVED

JULY 20, 2021

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

Greg Fries 11/1/21
City Engineer Date

WATER DESIGNED BY:



SANITARY SEWER DESIGNED BY:



PLOT SCALE: 1 IN. = 1 FT. XREF
PLOT NAME: ---
REV. DATE: 9/24/2021 8:51 AM
ORIGINATOR: CITY_OF_MADISON

GENERAL NOTES

- REFER TO THE EXISTING CONDITIONS SURVEY FOR EXISTING CONDITIONS NOTES AND LEGENDS.
- ALL WORK IN THE ROW AND/OR PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR SEWER & WATER CONSTRUCTION IN WISCONSIN AND MUNICIPAL REQUIREMENTS.
- EXISTING GRADE SPOT ELEVATIONS SHOWN FOR INFORMATIONAL PURPOSES. DURING CONSTRUCTION VERIFY AND MATCH EXISTING GRADES AT CONSTRUCTION LIMITS.
- NO SITE GRADING OUTSIDE OR DOWNSLOPE OF PROPOSED SILT FENCE LOCATION. NO LAND DISTURBANCE BEYOND PROPERTY LINES.
- JSD SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER/CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY ANY OR ALL REGULATORY AGENCIES.

UTILITY NOTES

- ALL EXISTING UTILITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND ARE NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE SIZE, TYPE, ELEVATION, AND LOCATIONS OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. CONTRACTOR/OWNER SHALL CALL "DIGGER'S HOTLINE" PRIOR TO ANY CONSTRUCTION.
- PRIOR TO CONSTRUCTION, THE PRIME CONTRACTOR IS RESPONSIBLE FOR:
 - EXAMINING ALL SITE CONDITIONS RELATIVE TO THE CONDITIONS INDICATED ON THE ENGINEERING DRAWINGS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER AND RESOLVED PRIOR TO THE START OF CONSTRUCTION.
 - OBTAINING ALL PERMITS INCLUDING PERMIT COSTS, TAP FEES, METER DEPOSITS, BONDS, AND ALL OTHER FEES REQUIRED FOR PROPOSED WORK TO OBTAIN OCCUPANCY.
 - VERIFYING ALL ELEVATIONS, LOCATIONS AND SIZES OF SANITARY, WATER AND STORM LATERALS AND CHECK ALL UTILITY CROSSINGS FOR CONFLICTS. NOTIFY ENGINEER OF ANY DISCREPANCY. NO WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS RESOLVED.
 - NOTIFYING ALL UTILITIES PRIOR TO INSTALLATION OF ANY UNDERGROUND IMPROVEMENTS.
 - NOTIFYING THE DESIGN ENGINEER AND MUNICIPALITY 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO ARRANGE FOR APPROPRIATE CONSTRUCTION OBSERVATION.
 - COORDINATING ALL CONSTRUCTION WITH OTHER CONTRACTORS INVOLVED WITH CONSTRUCTION OF THE PROPOSED DEVELOPMENT AND FOR REPORTING ANY ERRORS OR DISCREPANCIES BETWEEN THESE PLANS AND PLANS PREPARED BY OTHERS.
- ALL UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN -- AND ALL STATE AND LOCAL CODES AND SPECIFICATIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE WHICH SPECIFICATIONS AND CODES APPLY, AND TO COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE APPROPRIATE LOCAL AND STATE AUTHORITIES.
- SPECIFICATIONS SHALL COMPLY WITH THE CITY OF MADISON SPECIAL PROVISIONS.
- LENGTHS OF ALL UTILITIES ARE TO CENTER OF STRUCTURES OR FITTINGS AND MAY VARY SLIGHTLY FROM PLAN. LENGTHS SHALL BE VERIFIED IN THE FIELD DURING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY DURING THE CONSTRUCTION OF IMPROVEMENTS.
- CONTRACTOR SHALL INSTALL A PEDESTRIAN FENCE AROUND ALL EXCAVATIONS TO BE LEFT OPEN OVER NIGHT AS REQUIRED IN CONSTRUCTION SITES WHERE THE POTENTIAL FOR PEDESTRIAN INJURY EXISTS.
- CONTRACTOR SHALL ADJUST AND/OR RECONSTRUCT ALL UTILITY COVERS (SUCH AS MANHOLE COVERS, VALVE BOX COVERS, ETC.) TO MATCH THE FINISHED GRADES OF THE AREAS EFFECTED BY THE CONSTRUCTION.
- THE PRIME CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL CONSTRUCTION WITH OTHER CONTRACTORS INVOLVED WITH CONSTRUCTION OF THE PROPOSED DEVELOPMENT AND FOR REPORTING ANY ERRORS OR DISCREPANCIES BETWEEN THESE PLANS AND PLANS PREPARED BY OTHERS.
- ANY SANITARY SEWER, SANITARY SEWER SERVICES, WATER MAIN, WATER SERVICES, STORM SEWER, OR OTHER UTILITIES, WHICH ARE DAMAGED BY THE CONTRACTORS, SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE ENGINEER WITH AS-BUILT CONDITIONS OF THE DESIGNATED IMPROVEMENTS IN ORDER THAT THE APPROPRIATE DRAWINGS CAN BE PREPARED, IF REQUIRED. ANY CHANGES TO THE DRAWINGS OR ADDITIONAL ITEMS MUST BE REPORTED TO THE ENGINEER AS WORK PROGRESSES.
- WATER MAIN SPECIFICATIONS --

PIPE -- DUCTILE IRON PIPE SHALL BE CLASS 52 CONFORMING TO AWWA C151 AND CHAPTER 8.18.0 OF THE "STANDARD SPECIFICATIONS". POLYVINYL CHLORIDE (PVC) PIPE SHALL MEET THE REQUIREMENTS OF AWWA STANDARD C-900, CLASS 150, DR-18, WITH CAST IRON O.D. AND INTEGRAL ELASTOMERIC BELL AND SPIGOT JOINTS. NON-METALLIC WATER MAINS SHALL BE INSTALLED WITH BLUE INSULATION TRACER WIRE AND CONFORM WITH SPS 382.30(11)(h).

VALVES AND VALVE BOXES -- GATE VALVES SHALL BE AWWA GATE VALVES MEETING THE REQUIREMENTS OF AWWA C-500 AND CHAPTER 8.27.0 OF THE "STANDARD SPECIFICATIONS". GATE VALVES AND VALVE BOXES SHALL CONFORM TO LOCAL PLUMBING ORDINANCES.

HYDRANTS -- HYDRANTS SHALL CONFORM TO THE SPECIFICATIONS OF THE CITY OF MADISON. THE DISTANCE FROM THE GROUND LINE TO THE CENTERLINE OF THE LOWEST NOZZLE AND THE LOWEST CONNECTION OF THE FIRE DEPARTMENT SHALL BE NO LESS THAN 18-INCHES AND NO GREATER THAN 23-INCHES (SEE DETAIL).

BEDDING AND COVER MATERIAL -- PIPE BEDDING AND COVER MATERIAL SHALL BE WASHED GRAVEL, CLEAR STONE, LIMESTONE SCREENINGS, OR SAND CONFORMING TO SECTION 502.1(d) OF THE CITY OF MADISON "STANDARD SPECIFICATIONS". CRUSHED STONE IS NOT ACCEPTABLE BEDDING MATERIAL FOR WATER PIPES UNLESS AUTHORIZED BY THE ENGINEER.

BACKFILL -- BACKFILL MATERIAL AND INSTALLATION SHALL BE IN ACCORDANCE WITH SECTION 703.6.2 OF THE CIT OF MADISON "STANDARD SPECIFICATIONS". GRAVEL BACKFILL IS REQUIRED IN ALL PAVED AREAS AND TO A POINT 5 FEET BEYOND THE EDGE OF PAVEMENT. TRENCHES RUNNING PARALLEL TO AND LESS THAN 5 FEET FROM THE EDGE OF PAVEMENT SHALL ALSO REQUIRE GRAVEL BACKFILL. LANDSCAPED AREAS MAY BE BACKFILLED WITH EXCAVATED MATERIAL IN CONFORMANCE WITH SECTION 8.43.5 OF THE "STANDARD SPECIFICATIONS".
- SANITARY SEWER SPECIFICATIONS --

PIPE -- SANITARY SEWER PIPE MATERIAL SHALL BE POLYVINYL CHLORIDE (PVC) MEETING REQUIREMENTS OF ASTM D 3034, SDR-35, WITH INTEGRAL BELL TYPE FLEXIBLE ELASTOMERIC JOINTS, MEETING THE REQUIREMENTS OF ASTM D-3212.

BEDDING AND COVER MATERIAL -- BEDDING AND COVER MATERIAL SHALL CONFORM TO THE APPROPRIATE SECTIONS OF THE "STANDARD SPECIFICATION" WITH THE FOLLOWING MODIFICATION: "COVER MATERIAL SHALL BE THE SAME AS USED FOR BEDDING AND SHALL CONFORM TO SECTION 8.43.2 (A). BEDDING AND COVER MATERIAL SHALL BE PLACED IN A MINIMUM OF THREE SEPARATE LIFTS, OR AS REQUIRED TO INSURE ADEQUATE COMPACTING OF THESE MATERIALS, WITH ONE LIFT OF BEDDING MATERIAL ENDING AT OR NEAR THE SPRINGLINE OF THE PIPE. THE CONTRACTOR SHALL TAKE CARE TO COMPLETELY WORK BEDDING MATERIAL UNDER THE HAUNCH OF THE PIPE TO PROVIDE ADEQUATE SIDE SUPPORT." REFER TO CITY OF MADISON STANDARD DETAIL "PIPE BEDDING AND BACKFILL" FOR MORE INFORMATION.

BACKFILL -- BACKFILL MATERIAL AND INSTALLATION SHALL BE IN ACCORDANCE CHAPTER 2.6.0 OF THE "STANDARD SPECIFICATIONS." GRAVEL BACKFILL IS REQUIRED IN ALL PAVED AREAS AND TO A POINT 5 FEET BEYOND THE EDGE OF PAVEMENT. TRENCHES RUNNING PARALLEL TO AND LESS THAN 5 FEET FROM THE EDGE OF PAVEMENT SHALL ALSO REQUIRE GRAVEL BACKFILL. LANDSCAPED AREAS MAY BE BACKFILLED WITH EXCAVATED MATERIAL IN CONFORMANCE WITH SECTION 8.43.5 OF THE "STANDARD SPECIFICATIONS." REFER TO CITY OF MADISON STANDARD DETAIL "PIPE BEDDING AND BACKFILL" FOR MORE INFORMATION.

MANHOLES -- MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH FILE NOS. 12, 13 AND 15 OF THE "STANDARD SPECIFICATIONS" AND ALL SPECIAL PROVISIONS OF THE CITY OF MADISON.

MANHOLE FRAMES AND COVERS -- MANHOLE FRAMES AND COVERS SHALL BE NEENAH R-1550 WITH SELF SEALING LIDS, NON-ROCKING OR EQUAL.
- WATERMAIN AND SANITARY SEWER SHALL BE INSULATED WHEREVER THE DEPTH OF COVER IS LESS THAN 6 FEET. INSULATION AND INSTALLATION OF INSULATION SHALL BE CONFORMING WITH CHAPTER 4.17.0 "INSULATION" OF THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN 6TH EDITION UPDATED WITH ITS LATEST ADDENDUM (TYP.).
- THESE UTILITY NOTES SHALL BE SUPERSEDED BY ALL CITY OF MADISON STANDARD SPECIFICATION, CURRENT EDITION.

PROJECT DESCRIPTION

- CONTRACTOR RESPONSIBILITIES
 - THE PUBLIC SANITARY SEWER AND WATER MAIN IMPROVEMENT ARE THE RESPONSIBILITY OF THE CONTRACTOR AND ARE GENERALLY DESCRIBED AS FOLLOWS
 - INSTALLATION OF PUBLIC WATERMAIN AND WATER SERVICES WITH ALL APPARATUSES AS SHOWN IN THE PLANS
 - TESTING AND SAFE SAMPLING OF WATERMAIN PER CITY OF MADISON SPECIFICATIONS
 - INSTALLATION OF PUBLIC SANITARY SEWER AND SEWER SERVICES
 - TESTING AND TELEVISING PER CITY OF MADISON SPECIFICATIONS
 - UTILITY TRENCH, RESTORATION OF PAVEMENT, CURB AND GUTTER, AND TURF TO CONDITIONS IN-KIND
 - INSTALLATION AND MAINTENANCE OF EROSION CONTROL AND PERIMETER CONTROLS
 - PREPARE, INSTALL, AND MAINTENANCE OF TRAFFIC CONTROL FOR ALL PEDESTRIAN AND ROADWAY INTERRUPTIONS DUE TO IMPROVEMENT SHOWN HEREIN PER CITY OF MADISON STANDARD SPECIFICATIONS
 - MAINTENANCE OF SITE CONDITIONS TO MAINTAIN POSITIVE DRAINAGE, INSTALLING TEMPORARY DRAINAGE MEASURES AND GENERAL UPKEEP TO KEEP SITE AND SURROUNDING AREAS CLEAR OF ALL DEBRIS AND CONSTRUCTION MATERIALS
- CONTRACTOR SHALL COORDINATE WITH ALL ON-SITE AND ADJACENT CONTRACTORS ON THEIR SEQUENCE OF WORK AND COORDINATION THERE OF.
- IT IS UNDERSTOOD THAT SITE CONDITIONS OF THE PUBLIC SANITARY SEWER AND WATER MAIN IMPROVEMENTS WILL BE SUCH THAT; WITH THE EXCEPTION OF UTILITY TRENCH PATCHES SHOWN; WILL BE DEMOLISHED. EXISTING UTILITIES WILL BE REMOVED AND/OR ABANDONED BY SEPARATE CONTRACT AND STREET C, GARDNER ROAD, AND MADISON YARDS WAY WILL BE GRADED TO FINAL SUBGRADE ±1'-2".
- CONTRACTOR WILL BE RESPONSIBLE FOR RETURNING THE ROAD SUBGRADE BACK TO PRE-PROJECT CONDITIONS.
- CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING ALL CASTINGS AND VALVE STEMS TO ALLOW FOR INSTALLATION TO FINISH FINAL GRADE WHICH MAY INCLUDE NECESSARY ADJUSTING RIMS FOR MANHOLE CASTINGS
- CONTRACTORS SHALL LEAVE ALL VALVES AND MANHOLE CASTINGS AT AN ELEVATION TO PREVENT DAMAGE, WHICH INCLUDES PROVIDING PROTECTIVE MEASURES SUCH AS TRAFFIC BARRELS, CONES OR LIKE ITEMS.
- DEVELOPER MUST SUBMITT A TRAFFIC CONTROL PLAN TO CITY TRAFFIC ENGINEERING AT LEAST 14 DAYS PRIOR TO THE START OF WORK. WORK SHALL NOT PROCEED UNTIL AN APPROVED TRAFFIC CONTROL PLAN IS IN PLACE.

LEGEND

- PROPERTY LINE
- RIGHT-OF-WAY
- ===== BUILDING OUTLINE
- ===== STANDARD CURB AND GUTTER
- ===== ASPHALT PAVEMENT
- SAWCUT ASPHALT/CURB
- EDGE OF PAVEMENT (NOT IN CONTRACT)
- STANDARD CURB AND GUTTER (NOT IN CONTRACT)
- REJECT CURB AND GUTTER (NOT IN CONTRACT)
- MOUNTABLE CURB AND GUTTER (NOT IN CONTRACT)
- ===== 12" CONCRETE RIBBON CURB (NOT IN CONTRACT)
- SANITARY SEWER
- WATERMAIN
- STORM SEWER (BY OTHERS)
- 8'x4'x4" INSULATION (PLAN VIEW)
- 8'x4'x4" INSULATION (PROFILE VIEW)
- INLET PROTECTION



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COEUR D'ALENE

MADISON REGIONAL OFFICE
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VERONA, WISCONSIN 53593
P. 608.848.5060



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

CITY PROJECT NO.: 13496
CITY CONTRACT NO.: 8856

PROJECT:
**MADISON YARDS AT
HILL FARMS
PUBLIC SANITARY SEWER
& WATER MAIN**

PROJECT LOCATION:
**4728 SHEBOYGAN AVENUE
MADISON, WI**

PLAN MODIFICATIONS:

#	Date:	Description:
1	02.28.2020	GMP SET
2	02.02.2021	BID SET
3	03.03.2021	CITY SUBMITTAL
4	06.18.2021	CITY RE-SUBMITTAL
5	07.01.2021	CITY RE-SUBMITTAL
6	07.12.2021	CITY RE-SUBMITTAL
7	09.07.2021	CONSTRUCTION DRAWINGS
8		
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Design/Drawn: **MSS**
Approved: **MRH**

SHEET TITLE:
NOTES & LEGEND

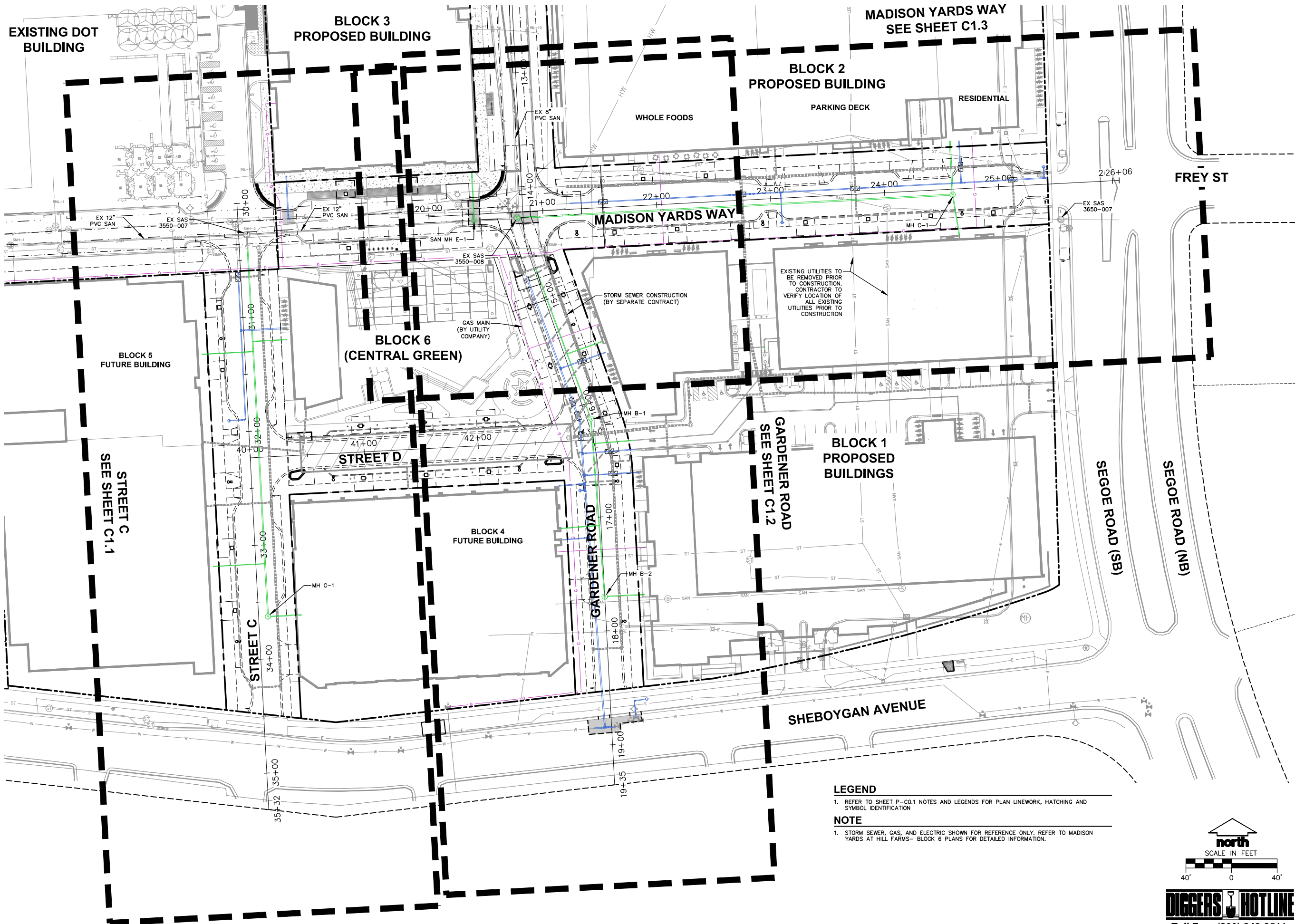
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P-C0.1

JSD PROJECT NO: 19-9366

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CLIENT:
SMITH Gilbane

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

CITY PROJECT NO.: 13496
CITY CONTRACT NO.: 8856

PROJECT:
**MADISON YARDS AT HILL FARMS
PUBLIC SANITARY SEWER & WATER MAIN**

PROJECT LOCATION:
4728 SHEBOYGAN AVENUE
MADISON, WI

PLAN MODIFICATIONS:

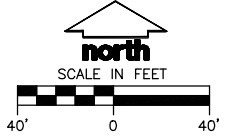
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Design/Drawn: MSS
Approved: MRH

SHEET TITLE:
**PUBLIC UTILITIES
OVERALL PLAN &
PROFILE SHEET LAYOUT**

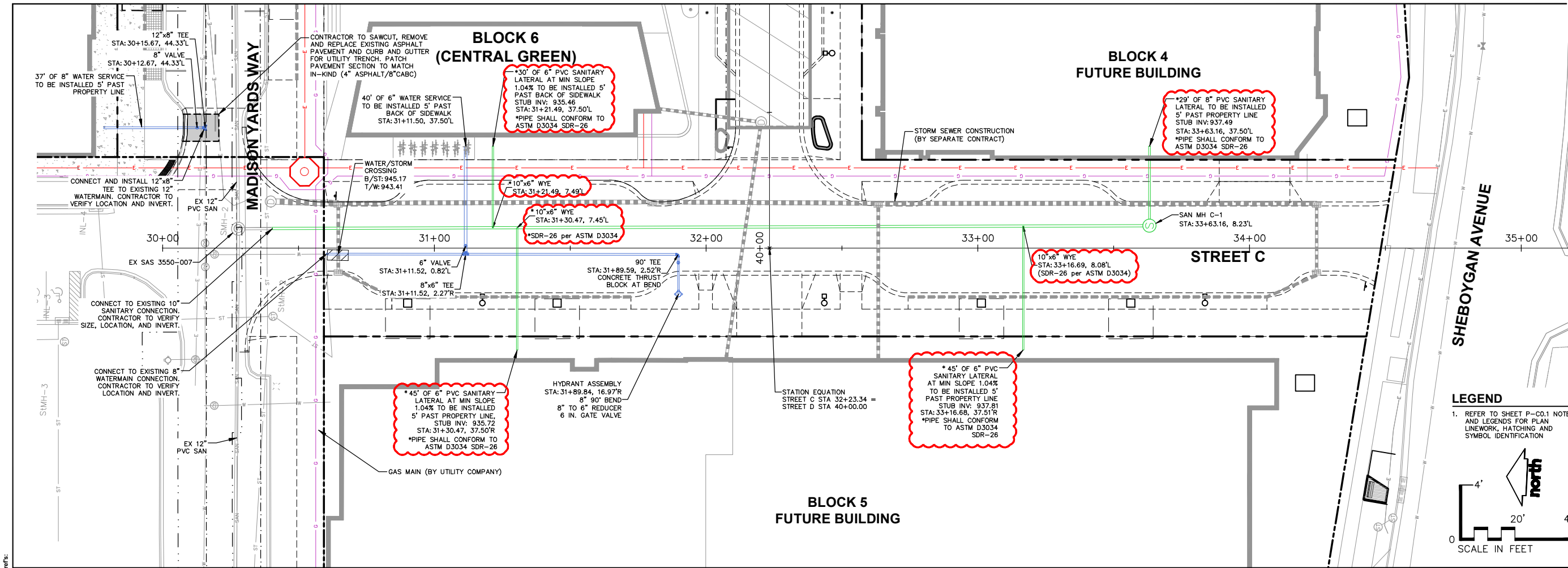
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P-C1.0

JSD PROJECT NO.: 19-9366



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8	12.2.2021	CONST. BULLETIN No. 1
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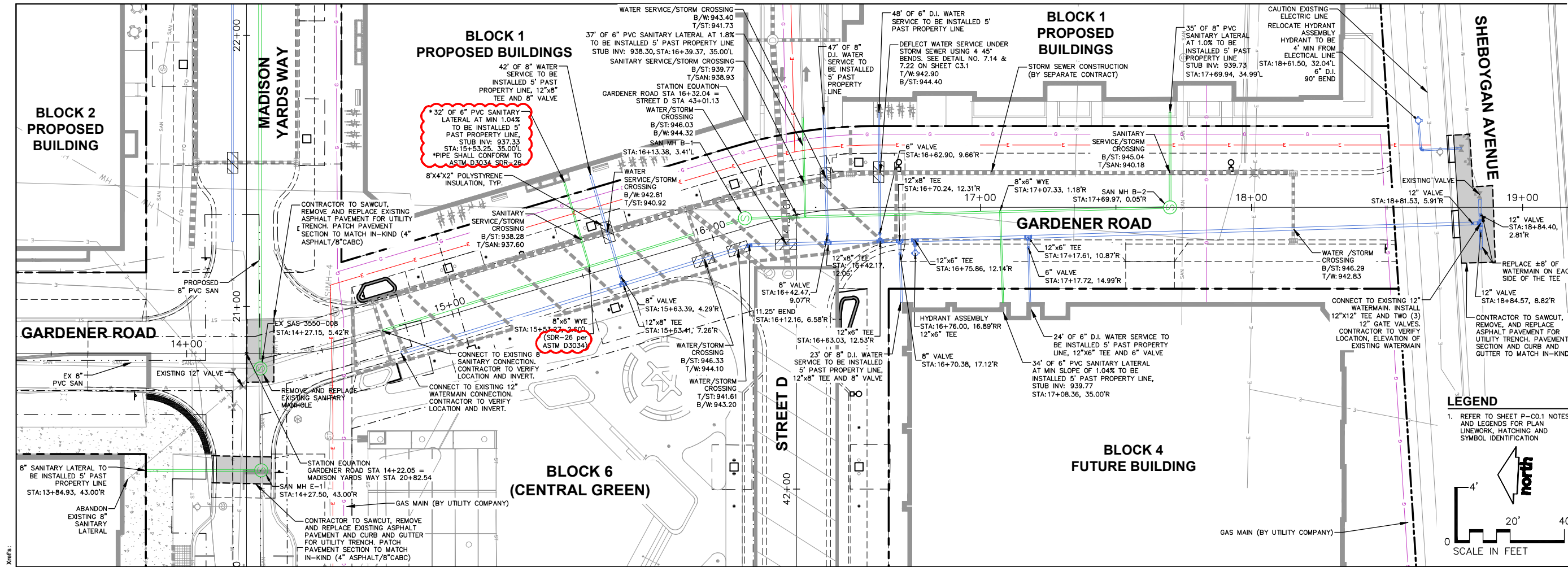
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Approved: MRH

SHEET TITLE:
**SANITARY & WATER
PLAN & PROFILE -
STREET C - STA: 30+00 TO
STA: 35+32**

SHEET NUMBER:
P-C1.1

JSD PROJECT NO.: 19-9366

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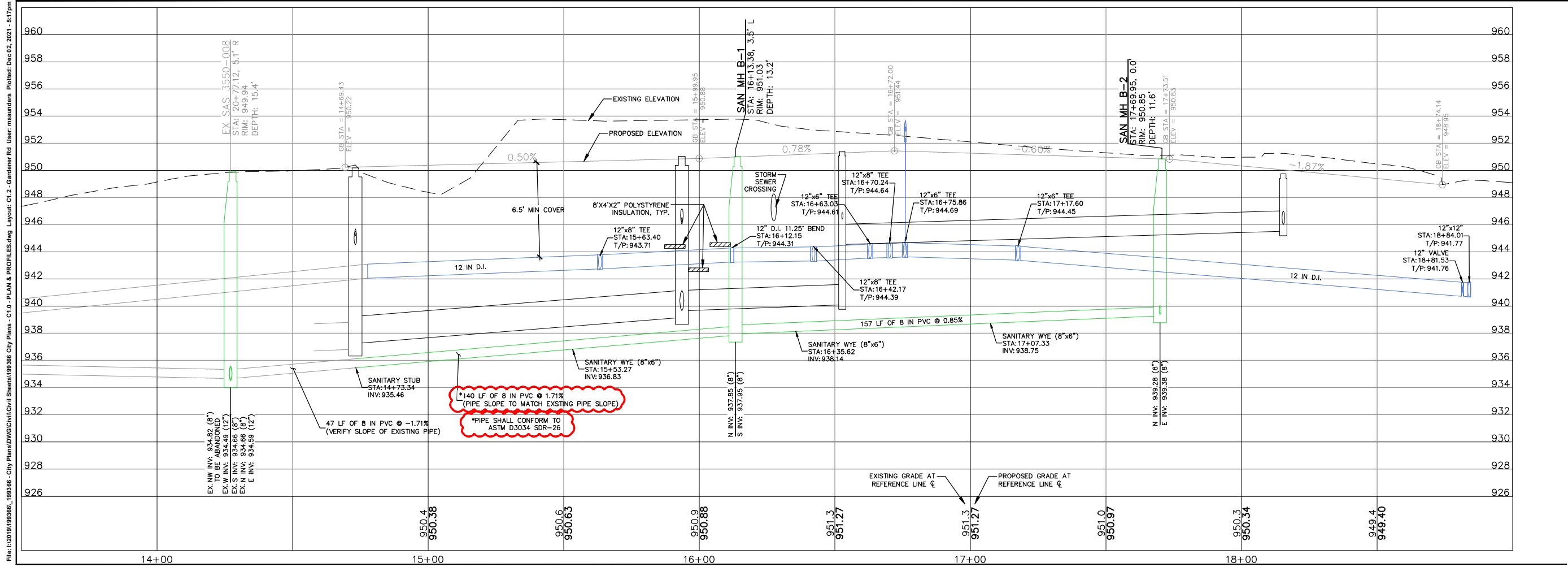
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Design/Drawn: MSS
Approved: MRH

SHEET TITLE:
**SANITARY AND WATER
PLAN & PROFILE -
GARDENER ROAD - STA:
14+00 TO STA: 19+35**

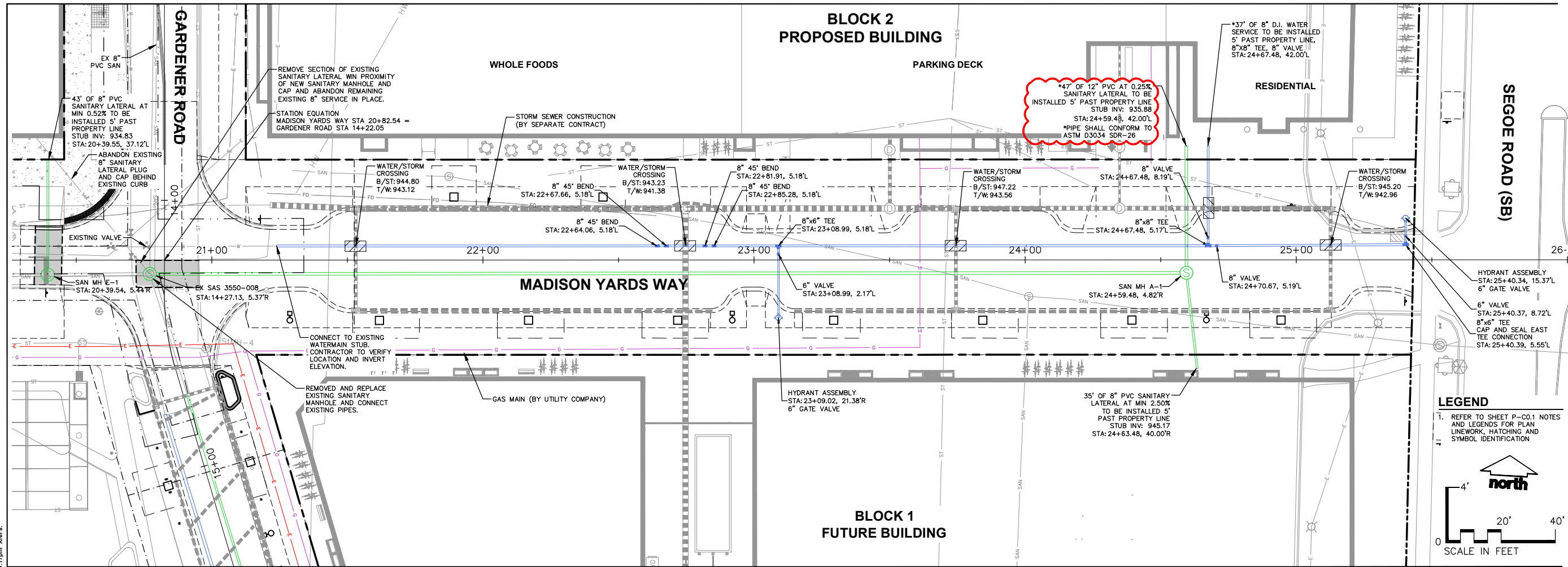
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P-C1.2

JSD PROJECT NO: 19-9366



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Professional Services, Inc.
Engineers • Surveyors • Planners

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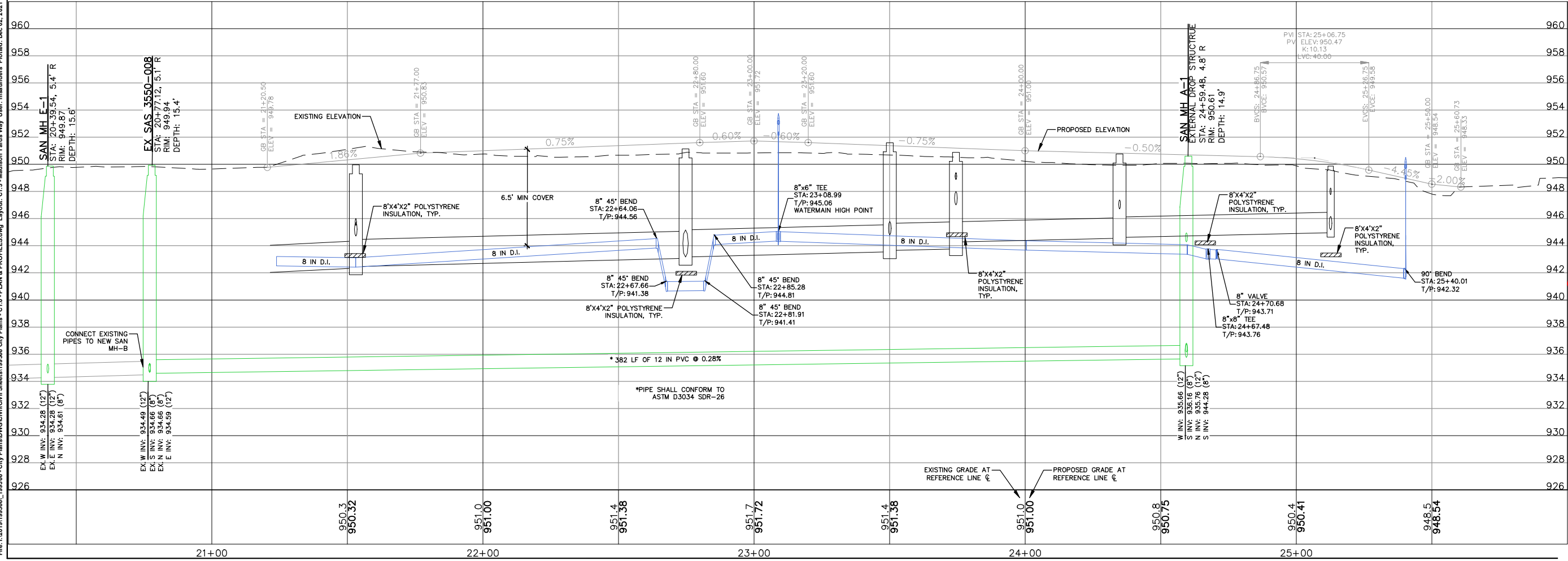
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**MADISON YARDS AT
HILL FARMS
PUBLIC SANITARY SEWER
& WATER MAIN**

PROJECT LOCATION:
4728 SHEBOYGAN AVENUE
MADISON, WI

LEGEND
1. REFER TO SHEET P-C0.1 NOTES
AND LEGENDS FOR PLAN
LINEWORK, HATCHING AND
SYMBOL IDENTIFICATION

SCALE IN FEET
0 4' 20' 40'

LEGEND
1. REFER TO SHEET P-C0.1 NOTES
AND LEGENDS FOR PLAN
LINEWORK, HATCHING AND
SYMBOL IDENTIFICATION



PLAN MODIFICATIONS:

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Design/Drawn: MSS
Approved: MRH

SHEET TITLE:
**SANITARY & WATER
PLAN & PROFILE -
MADISON YARDS WAY -
STA: 20+00 TO STA: 26+00**

SHEET NUMBER:
P-C1.3

JSD PROJECT NO: 19-9366

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PROPOSED SANITARY STRUCTURES TABLE							
LABEL	ALIGNMENT	STATION	RIM EL. (FT)	INVERT EL. (FT)	DEPTH (FT)	STRUCTURE DESC.	FRAME & GRATE
EX SAS 3550-008	MADISON YARDS WAY	20+77.12	949.94	W INV: 934.49 (12") S INV: 934.66 (8") N INV: 934.66 (8") E INV: 934.59 (12")	15.4	48 IN MH	R-1550 SOLID LID
SAN MH A-1*	MADISON YARDS WAY	24+59.48	950.61	W INV: 935.66 (12") S INV: 936.16 (8") N INV: 935.76 (12") S INV: 944.28 (8")	14.9	48 IN MH	R-1550 SOLID LID
SAN MH B-1	GARDENER ROAD	16+13.38	951.03	N INV: 937.85 (8") S INV: 937.95 (8")	13.2	48 IN MH	R-1550 SOLID LID
SAN MH B-2	GARDENER ROAD	17+69.95	950.85	N INV: 939.28 (8") E INV: 939.38 (8")	11.6	48 IN MH	R-1550 SOLID LID
SAN MH C-1	STREET C	33+63.16	948.24	N INV: 937.03 (10") E INV: 937.19 (8")	11.2	48 IN MH	R-1550 SOLID LID
SAN MH E-1	MADISON YARDS WAY	20+39.54	949.87	W INV: 934.28 (12") E INV: 934.28 (12") N INV: 934.81 (8")	15.6	48 IN MH	R-1550 SOLID LID

*EXTERNAL DROP STRUCTURE

NOTE:
ALL CASTINGS TO BE PER CITY OF
MADISON STANDARD SPECIFICATIONS

PROPOSED SANITARY MAIN PIPE TABLE							
STREET	FROM	TO	LENGTH	DISCHARGE EL. (FT)	INVERT EL. (FT)	SLOPE	SIZE & MATERIAL
MADISON YARDS WAY	SAN MH A-1	EX SAS 3550-008	382'	934.59	935.66	0.28%	12 IN PVC*
GARDENER ROAD	SAN MH B-1	EXISTING SAN B STUB	140'	935.46	937.85	1.71%	8 IN PVC*
GARDENER ROAD	SAN MH B-2	SAN MH B-1	157'	937.95	939.28	0.85%	8 IN PVC
STREET C	SAN MH C-1	EXISTING SAN C STUB	323'	933.41	937.03	1.12%	10 IN PVC*

*SDR-26 PIPE PER ASTM D3034

PROPOSED SANITARY LATERAL PIPE TABLE							
STREET	FROM	TO	LENGTH	DISCHARGE EL. (FT)	INVERT EL. (FT)	SLOPE	SIZE & MATERIAL
MADISON YARDS WAY	BLOCK 2 BUILDING	SAN MH A-1	47'	935.76	935.88	0.25%	12 IN PVC*
MADISON YARDS WAY	BLOCK 1 BUILDING	SAN MH A-1	35'	944.28	945.17	2.50%	8 IN PVC
GARDENER ROAD	BLOCK 1 NW BUILDING	SAN B-1 WYE	32'	936.99	937.33	1.04%	6 IN PVC*
GARDENER ROAD	BLOCK 1 STUB	SAN B-2 WYE 1	36'	938.30	938.96	1.80%	6 IN PVC
GARDENER ROAD	BLOCK 4	SAN B-2 WYE 2	34'	939.42	939.77	1.04%	6 IN PVC
GARDENER ROAD	BLOCK 1 BUILDING	SAN MH B-2	35'	939.38	939.73	1.00%	8 IN PVC*
STREET C	CENTRAL GREEN	SAN C-1 WYE 1	30'	935.15	935.46	1.04%	6 IN PVC*
STREET C	BLOCK 5 NORTH	SAN C-1 WYE 2	45'	935.25	935.72	1.04%	6 IN PVC*
STREET C	BLOCK 5 SOUTH	SAN C-1 WYE 3	46'	937.34	937.81	1.04%	6 IN PVC*
STREET C	BLOCK 4 BUILDING	SAN MH C-1	29'	937.19	937.49	1.00%	8 IN PVC*
MADISON YARDS WAY	BLOCK 3 BUILDING	SAN MH E-1	43'	934.61	934.83	0.52%	8 IN PVC

*SDR-26 PIPE PER ASTM D3034



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CLIENT:



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

CITY PROJECT NO.: 13496
CITY CONTRACT NO.: 8856

PROJECT:
MADISON YARDS AT
HILL FARMS
PUBLIC SANITARY SEWER
& WATER MAIN

PROJECT LOCATION:
4728 SHEBOYGAN AVENUE
MADISON, WI

PLAN MODIFICATIONS:

#	Date:	Description:
1	02.28.2020	GMP SET
2	02.02.2021	BID SET
3	03.03.2021	CITY SUBMITTAL
4	06.18.2021	CITY RE-SUBMITTAL
5	07.01.2021	CITY RE-SUBMITTAL
6	07.12.2021	CITY RE-SUBMITTAL
7	09.07.2021	CONSTRUCTION DRAWINGS
8	12.2.2021	CONST. BULLETIN No. 1
9		
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Design/Drawn: MSS
Approved: MRH

SHEET TITLE:
SANITARY SEWER
STRUCTURE & PIPE
TABLE

SHEET NUMBER:
P-C2.0

JSD PROJECT NO: 19-9366



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CLIENT:
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4728 SHEBOYGAN AVENUE
MADISON, WI

PLAN MODIFICATIONS:

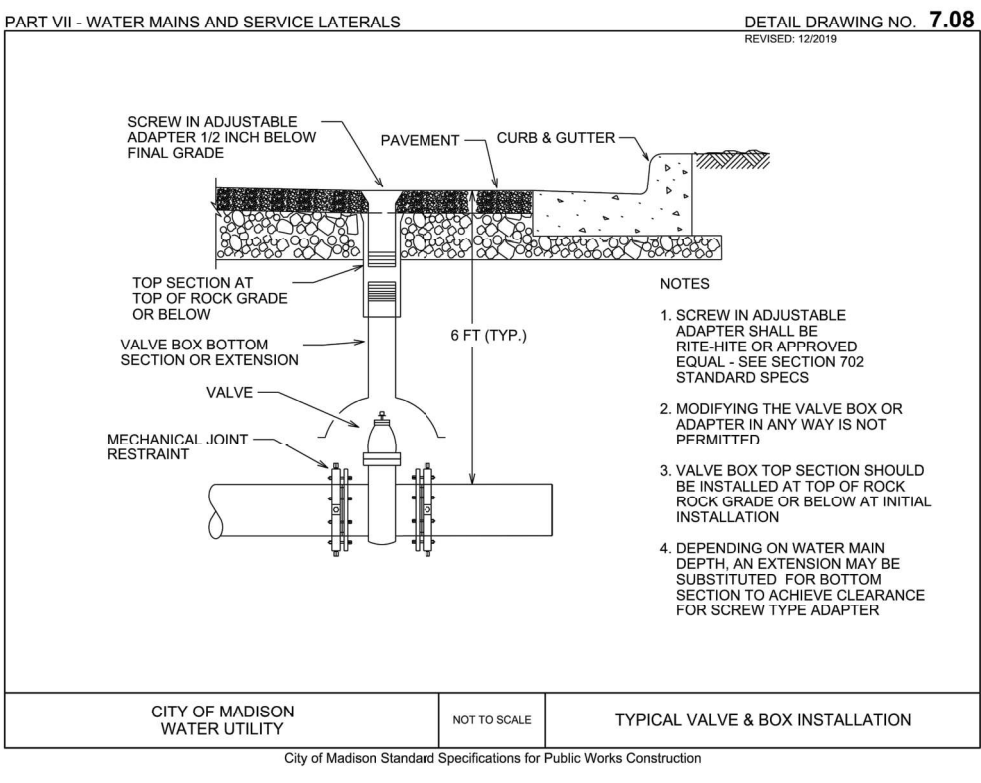
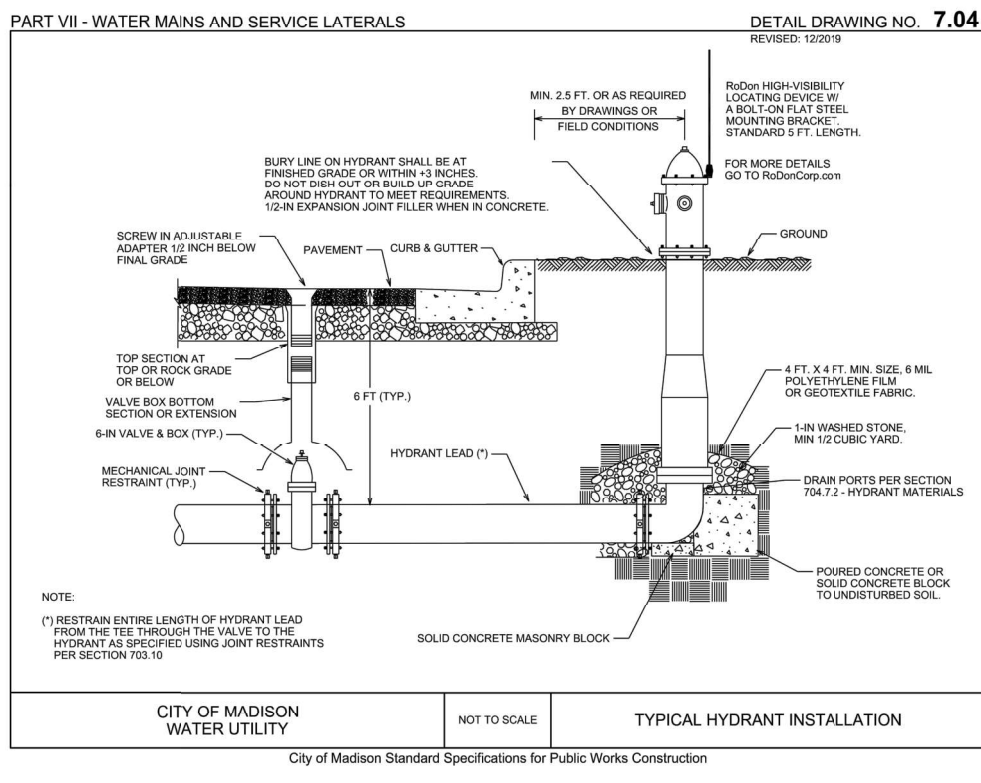
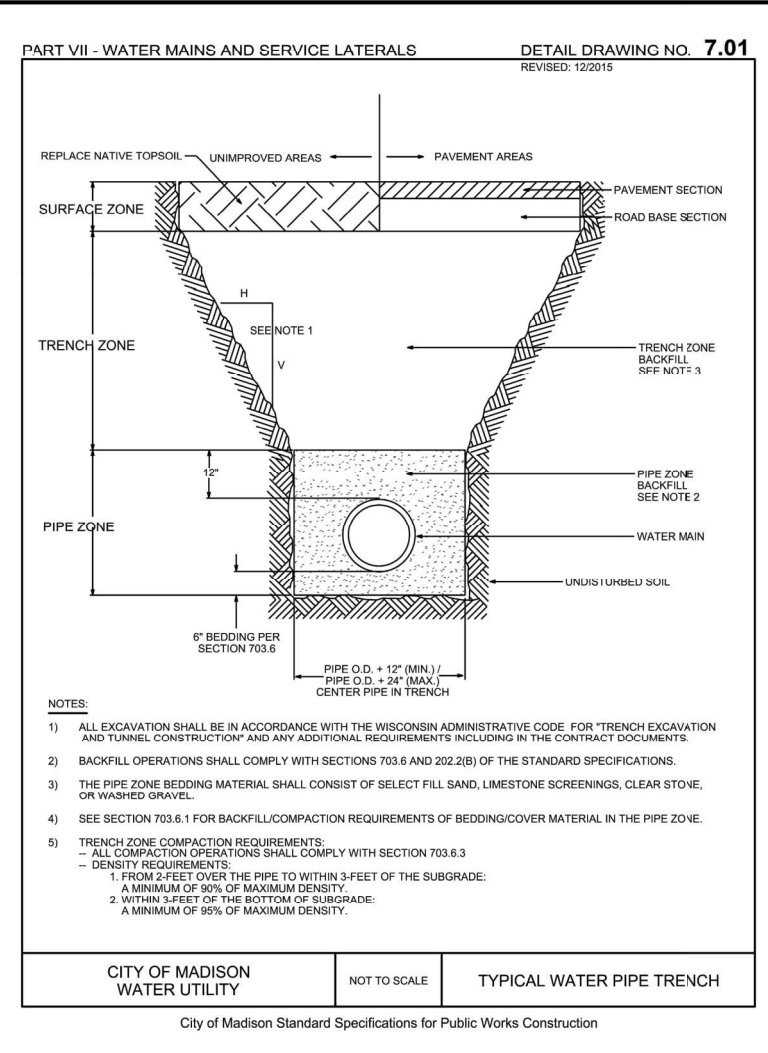
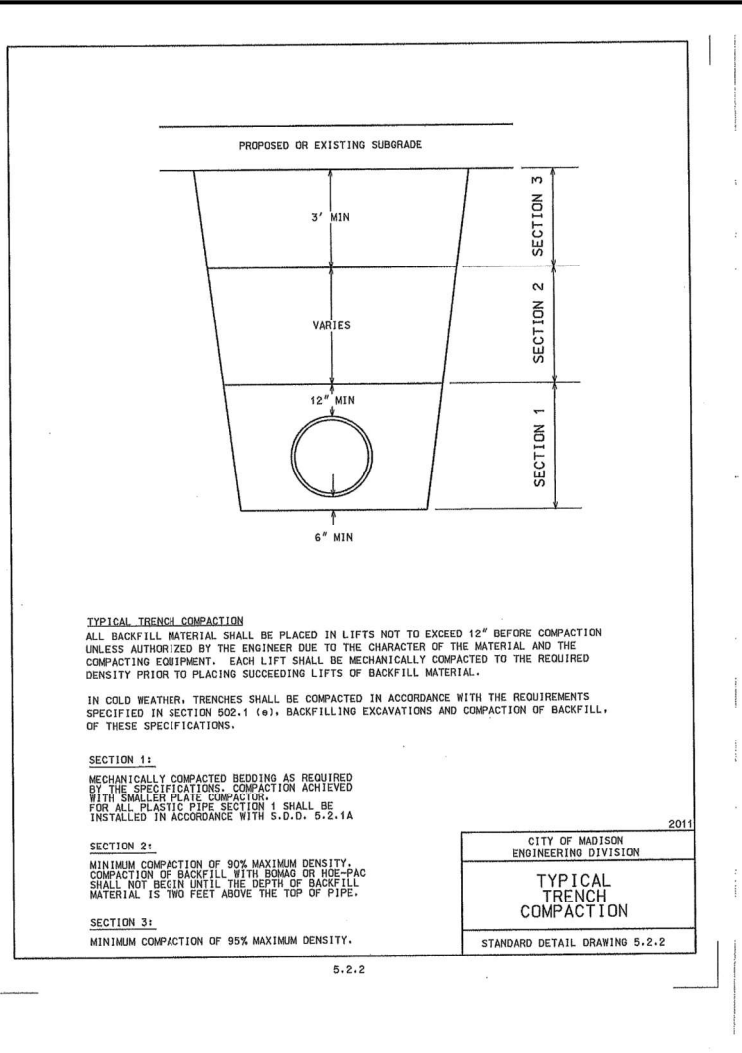
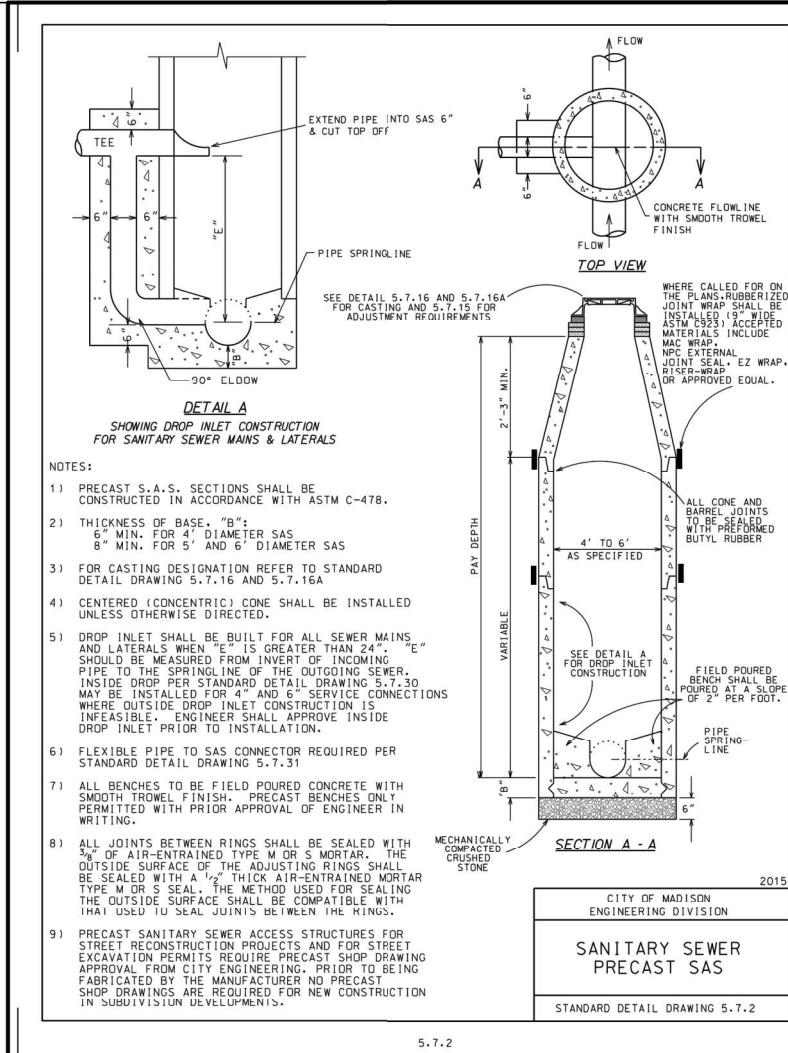
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Design/Drawn: MSS
Approved: MRH

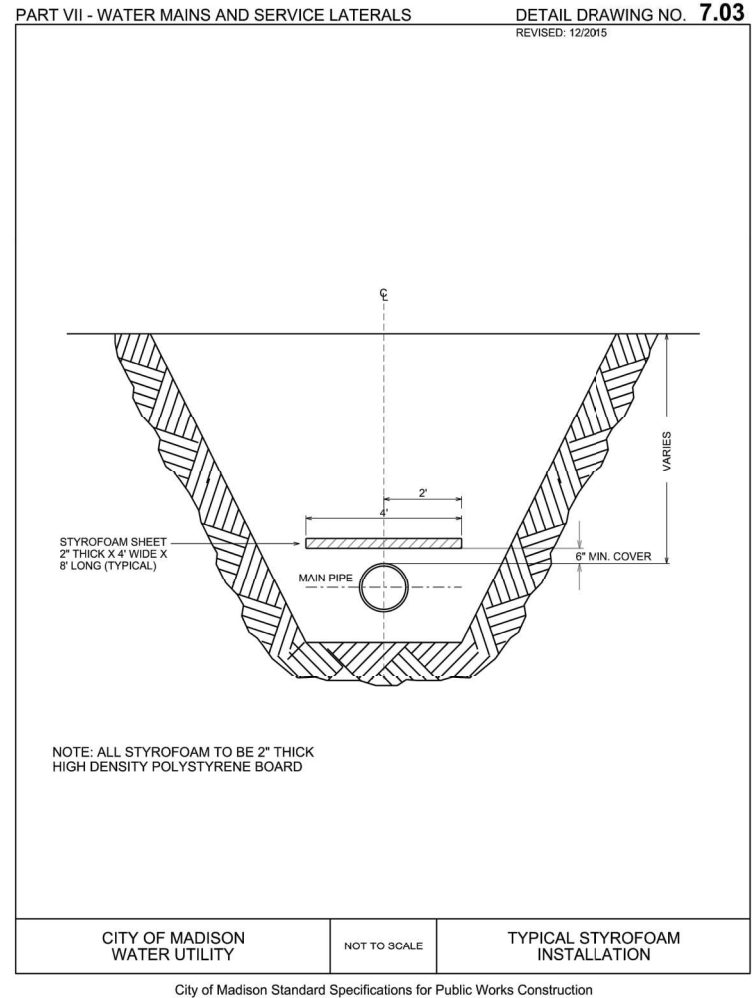
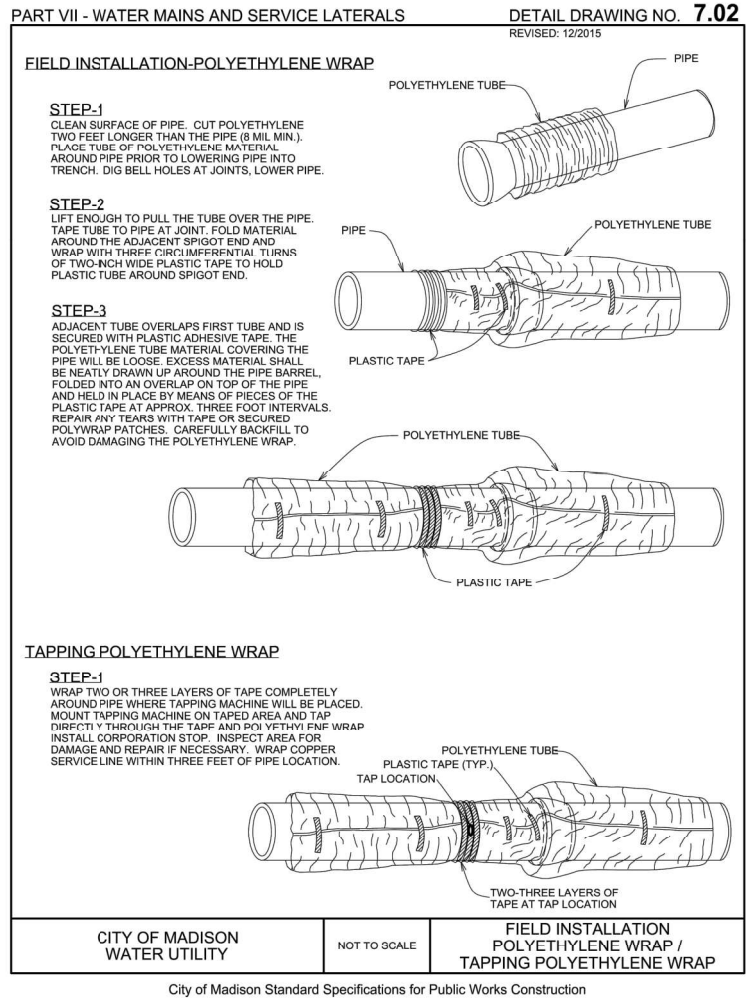
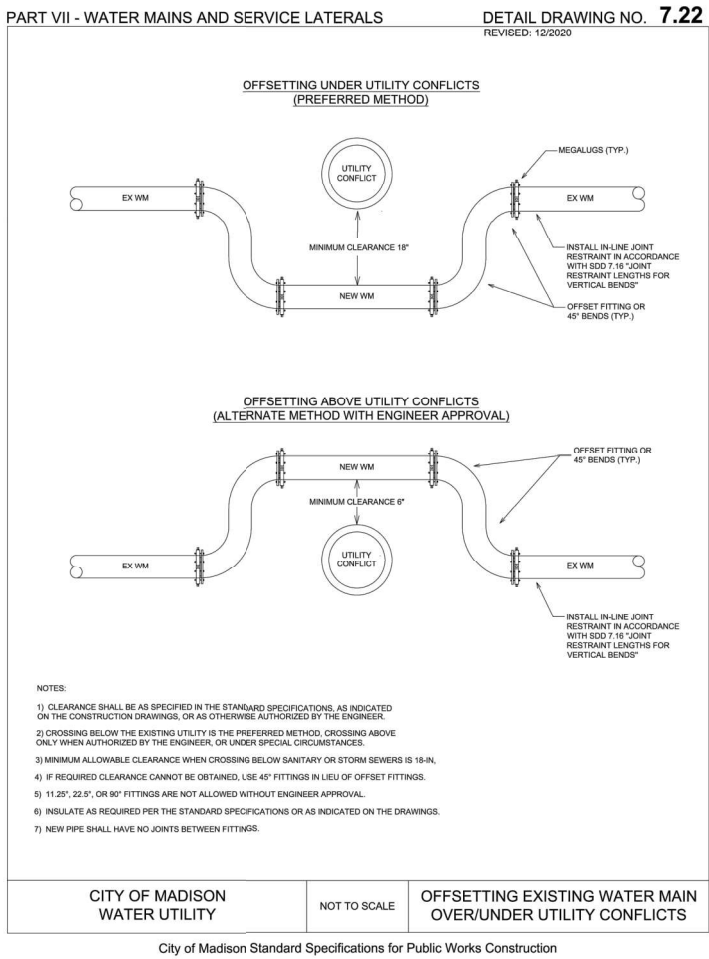
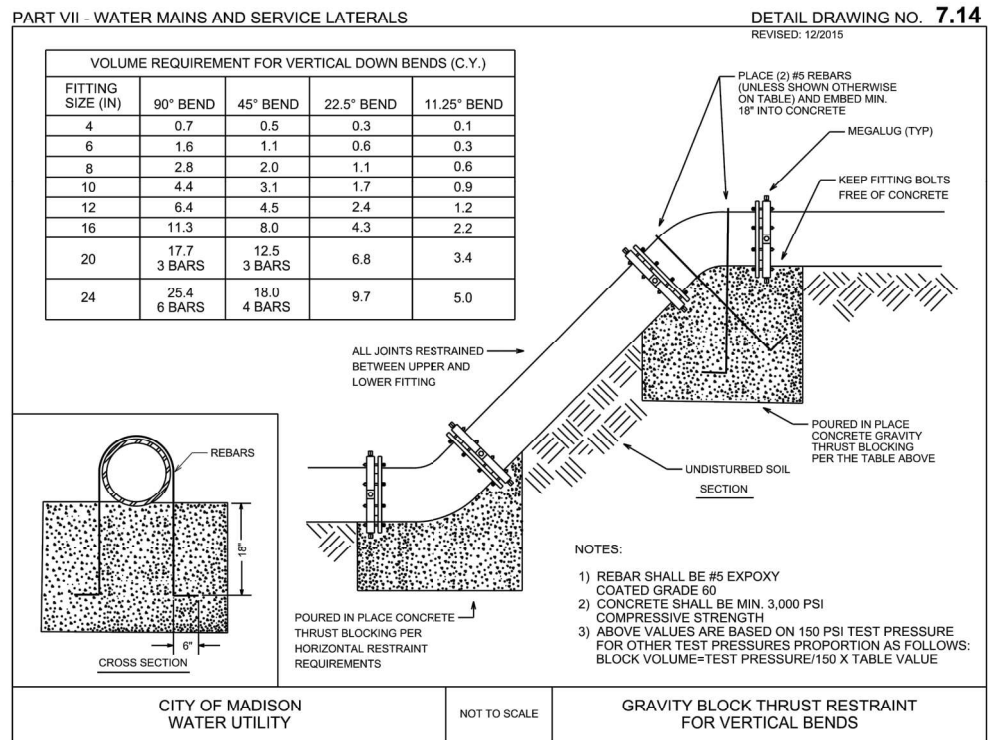
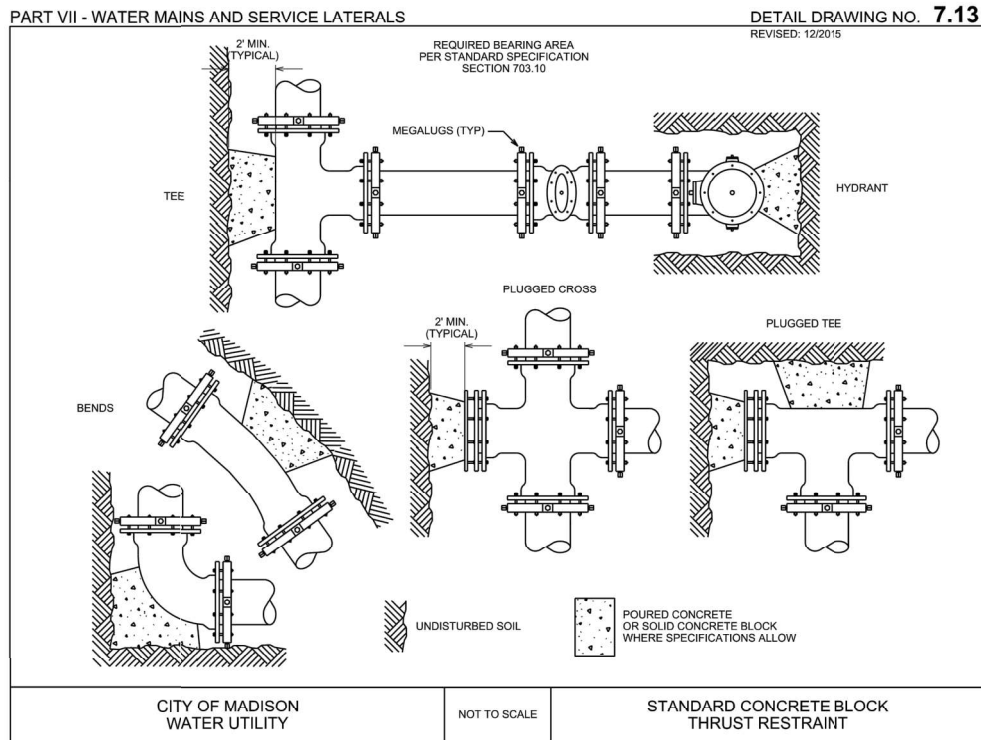
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SANITARY & WATER
STANDARD DETAILS

SHEET NUMBER:
P-C3.0

JSD PROJECT NO: 19-9366



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CLIENT:
SMITH Gilbane

CLIENT ADDRESS:
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MILWAUKEE, WI 53202**

CITY PROJECT NO.: 13496
CITY CONTRACT NO.: 8856

PROJECT:
**MADISON YARDS AT
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PUBLIC SANITARY SEWER
& WATER MAIN**

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Design/Drawn: **MSS**
Approved: **MRH**

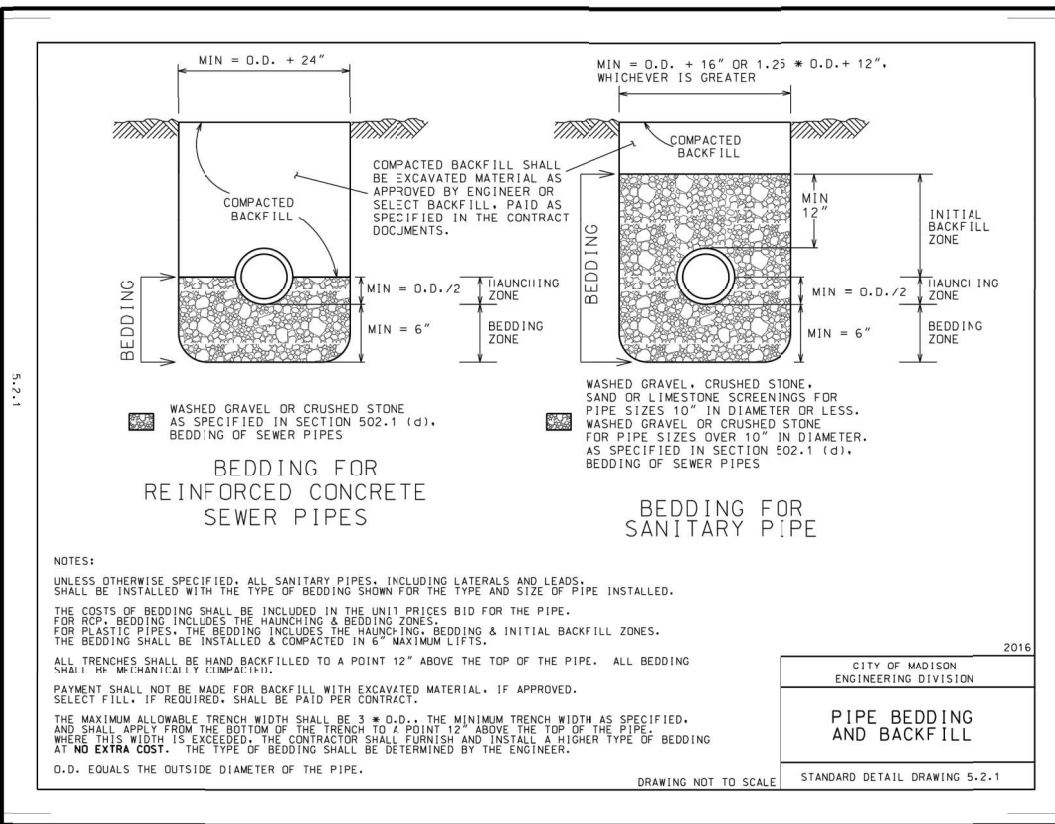
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STANDARD DETAILS**

SHEET NUMBER:
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Design/Drawn: MSS
Approved: MRH

SHEET TITLE:
**SANITARY & WATER
STANDARD DETAILS**

SHEET NUMBER:
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