

JSD Professional Services, Inc.
 Engineers • Surveyors • Planners

"BUILDING RELATIONSHIPS WITH A COMMITMENT TO CLIENT SATISFACTION THROUGH TRUST, QUALITY AND EXPERIENCE"

- CIVIL ENGINEERING
- SURVEYING & MAPPING
- CONSTRUCTION SERVICES
- WATER RESOURCES
- PLANNING & DEVELOPMENT
- TRANSPORTATION ENGINEERING
- STRUCTURAL ENGINEERING
- LANDSCAPE ARCHITECTURE

MADISON REGIONAL OFFICE
 161 HORIZON DRIVE, SUITE 101
 VERONA, WISCONSIN 53593
 608.545.5000 PHONE | 608.545.2255 FAX

MADISON | MILWAUKEE
 KENOSHA | APPLETON
 www.jsdinc.com

SERVICES PROVIDED TO:
GORMAN & COMPANY

200 N. MAIN STREET
 OREGON, WI 53575

PROJECT:
**UNION CORNERS
 LOTS 3&4**

PROJECT LOCATION:
 CITY OF MADISON
 DANE COUNTY, WI

JSD PROJECT NO.: 14-6534

SCALE/SIGNATURE:

ALTHOUGH EVERY EFFORT HAS BEEN MADE IN PREPARING THESE PLANS AND CHECKING THEM FOR ACCURACY, THE CONTRACTOR AND SUBCONTRACTORS MUST CHECK ALL DETAIL AND DIMENSIONS OF THEIR TRADE AND BE RESPONSIBLE FOR THE SAME.

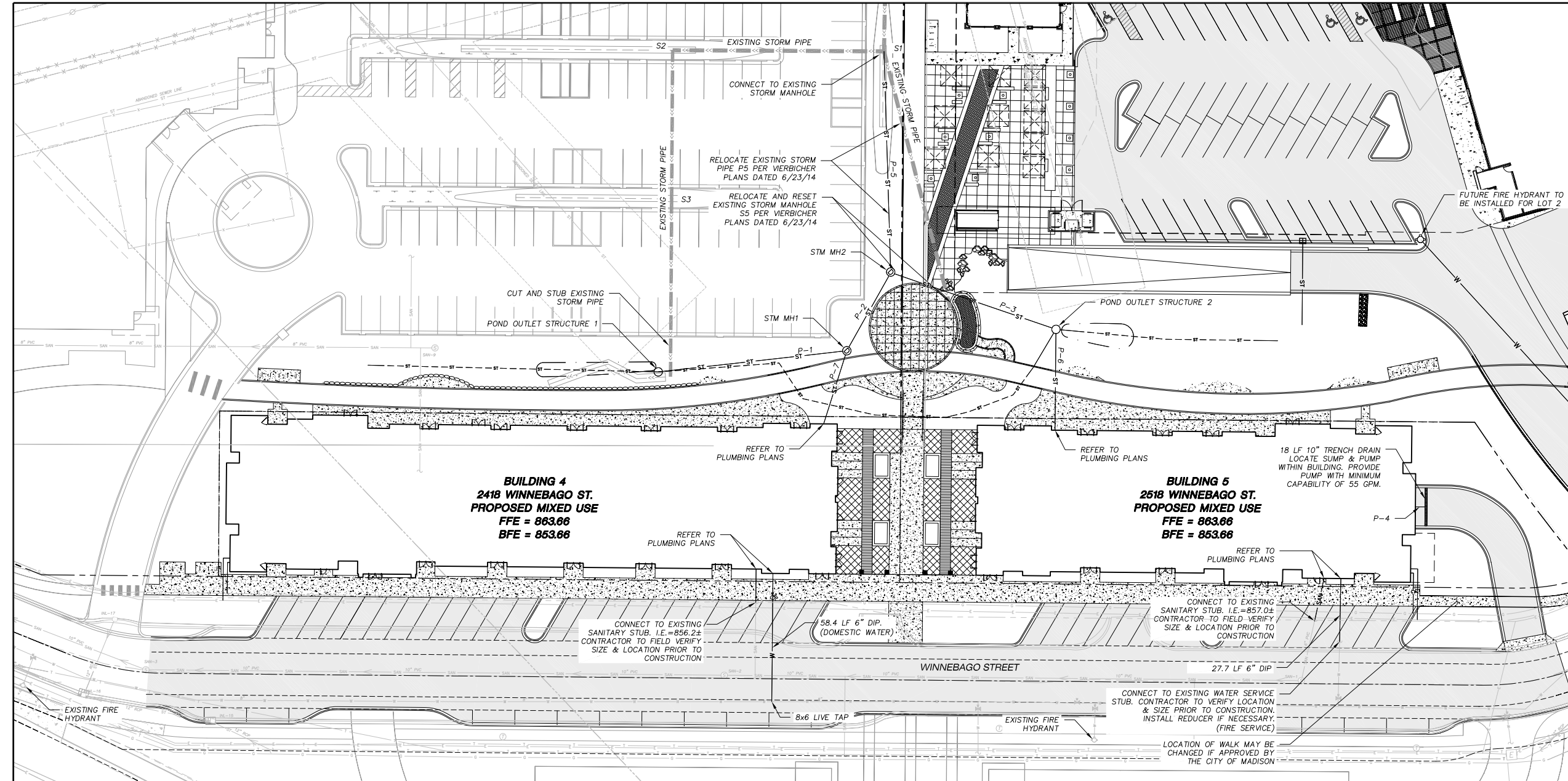
DESIGN: _____
 DRAWN: _____
 APPROVED: _____

PLAN MODIFICATIONS:	DATE
CON	08/04/14
SEP	11/26/14
LOG/PC/RESUBMITTAL	01/04/15
LOG/PC/FINAL	06/26/15
SITE PLAN APPROVAL	10/20/15

DIGGERS & HOTLINE
 Toll Free (800) 242-8511
 Milwaukee Area (414) 253-1151
 Heavy Equipment TDD (800) 942-2289
 www.DiggersandHotline.com

SHEET TITLE:
UTILITY PLAN

SHEET NUMBER:
C400



PROPOSED STORM SEWER STRUCTURES SCHEDULE					
LABEL	INVERT ELEV. (FT)	ROW ELEV. (FT)	DEPTH (FT)	STRUCTURE DESCRIPTION	GRATE
POND OUTLET STRUCTURE 1	855.45	860.00	4.55	36" DIA. CONCRETE INLET	TYPE C GRATE
STM MH1	854.92	862.50	7.58	36" DIA. CONCRETE INLET	TYPE C GRATE
POND OUTLET STRUCTURE 2	854.92	860.00	5.08	24" X 24" PRECAST BOX	TYPE C GRATE
STM MH2	855.35	862.50	6.07	36" DIA. CONCRETE INLET	TYPE C GRATE
TRENCH DRAIN	851.81	853.51	1.02	10" CONCRETE TRENCH DRAIN	R-4990-CX TYPE C COVER

PROPOSED STORM SEWER PIPE SCHEDULE							
PIPE LABEL	FROM	TO	LENGTH (FT)	INVERT ELEVATION (FT)	DISCHARGE ELEVATION (FT)	SLOPE (%)	PIPE SIZE & TYPE
P-1	POND OUTLET STRUCTURE 1	STM MH1	90	855.34	854.46	1.00%	12" HDPE
P-2	STM MH1	STM MH2	43	855.35	854.92	1.00%	12" HDPE
P-3	POND OUTLET STRUCTURE 2	STM MH2	83	855.33	854.92	0.50%	18" HDPE
P-4	TRENCH DRAIN	BUILDING	20.00	851.81	851.71	1.00%	8" PVC
P-5	STM MH2	EX STM MH1	104.25	854.92	854.80	0.50%	24" RCP
P-6	BUILDING	POND OUTLET STRUCTURE 2	47.00	855.80	855.33	1.00%	10" PVC
P-7	BUILDING	POND OUTLET STRUCTURE 1	34.43	856.68	856.34	1.00%	10" PVC

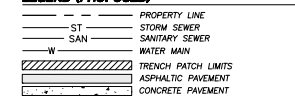
GENERAL NOTES

- REFER TO THE TOPOGRAPHIC AND UTILITY SURVEY FOR EXISTING CONDITIONS NOTES AND LEGEND.
- EXISTING CONDITIONS SURVEY DATED 11-18-2013. ANY DISCREPANCIES TO BE REPORTED TO JSD IMMEDIATELY UPON DISCOVERY.
- ALL WORK IN THE ROW SHALL BE IN ACCORDANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- 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.
- DRAWING FOR REVIEW - NOT FOR CONSTRUCTION UNLESS OTHERWISE NOTED IN THE TITLE BLOCK.

UTILITY NOTES

- DIMENSIONS TAKE PRECEDENCE OVER SCALE. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD.
- IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
- 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.
- ALL CONSTRUCTION SIGNING TO BE IN ACCORDANCE WITH THE CITY OF MADISON AND WISCONSIN DEPARTMENT OF TRANSPORTATION REQUIREMENTS.
- THE CONTRACTOR SHALL INSTALL A PEDESTRIAN FENCE AROUND ALL EXCAVATIONS TO BE LEFT OPEN OVER NIGHT AS REQUIRED.
- THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH ENGINEERING PLANS DESIGNED TO MEET ORDINANCES AND REQUIREMENTS OF THE MUNICIPALITY AND WISDOT, MDCOM, AND WDMR.
- PRIOR TO CONSTRUCTION, THE 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 UTILITY ELEVATIONS AND NOTIFYING ENGINEER OF ANY DISCREPANCY. NO WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS RESOLVED.
 - NOTIFYING ALL UTILITIES PRIOR TO THE 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.
- 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.
- 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.
- CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY DURING THE CONSTRUCTION OF IMPROVEMENTS.
- CONTRACTOR SHALL NOTIFY THE CITY OF MADISON PUBLIC WORKS DEPARTMENT A MINIMUM OF 48 HOURS BEFORE CONNECTING TO PUBLIC UTILITIES.
- ALL PRIVATE STORM BUILDING PIPE AND TUBING SHALL CONFORM TO S&B 384.30, TABLE 384.30-6.
- WATER SERVICE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. CONTRACTOR TO FIELD VERIFY LOCATION AND SIZE. REPORT DISCREPANCIES TO ENGINEER PRIOR TO CONSTRUCTION. CONSTRUCTION TO BE IN ACCORDANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION PART VI. CONTACT CITY OF MADISON DEPARTMENT OF PUBLIC WORKS 48 HOURS PRIOR TO CONSTRUCTION.
- ALL WORK WITHIN THE RIGHT-OF-WAY SHALL BE INSTALLED PER CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. PRE-CONSTRUCTION MEETING WITH THE CITY OF MADISON IS REQUIRED PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL DETERMINE LOCATION, DEPTH AND SIZE OF EXISTING SANITARY AND WATER SERVICES AND NOTIFY ENGINEER PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL OBTAIN A CONNECTION PERMIT AND EXCAVATION PERMIT PRIOR TO COMMENCING STORM SEWER CONSTRUCTION.

LEGEND (PROPOSED)



File: J:\2014\146534\DWG\14-6534_Construction Drawings.dwg Layout: C400 - Utility Plan User: mprzakosk Printed: Nov 18, 2015 9:12am xrefc