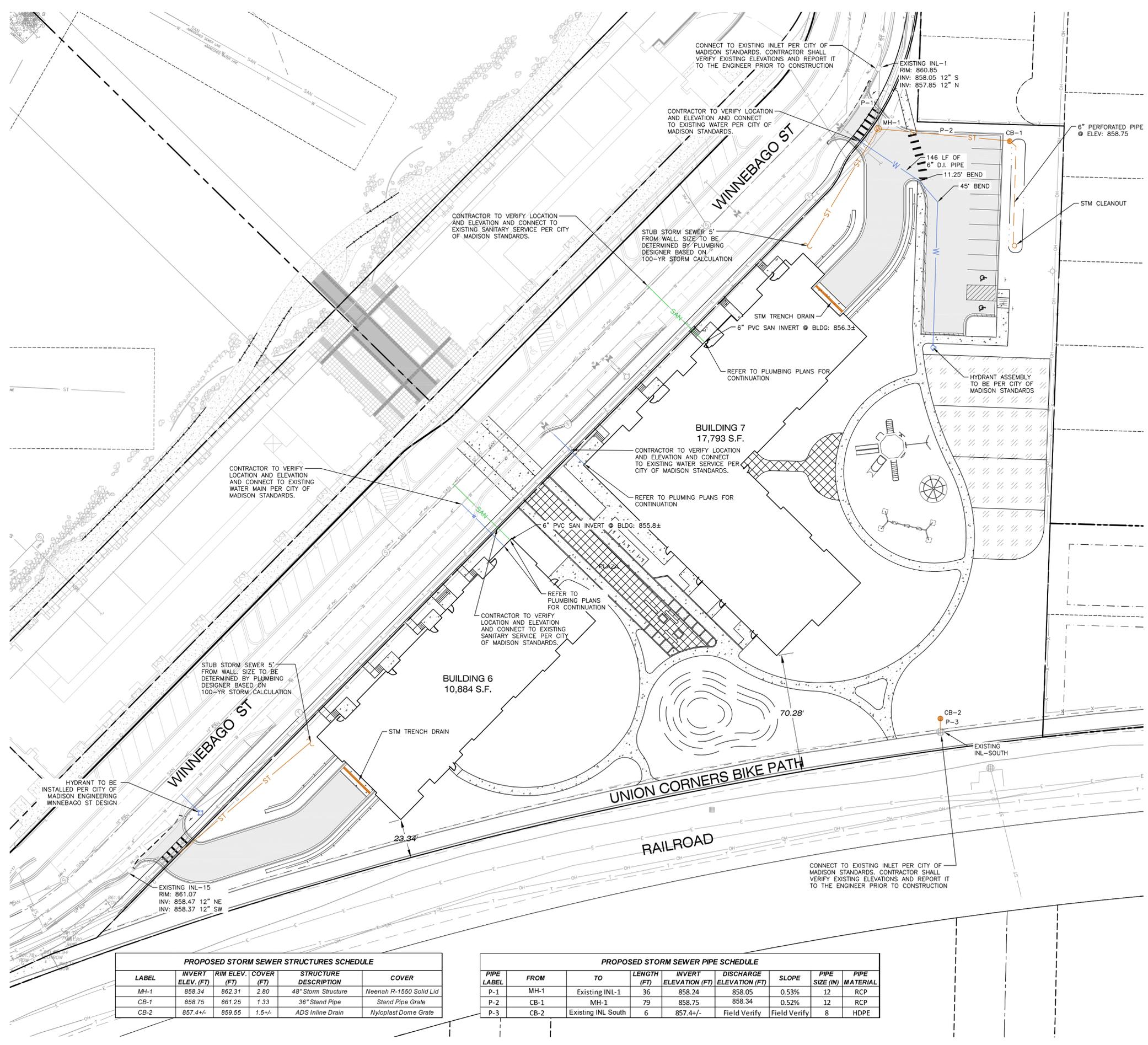




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**LEGEND (UTILITY PLAN)**

- PROPERTY LINE
- RIGHT-OF-WAY
- EASEMENT LINE
- BUILDING OUTLINE
- EDGE OF PAVEMENT
- STANDARD CURB AND GUTTER
- REJECT CURB AND GUTTER
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- STORMWATER MANAGEMENT AREA
- BOULDER RETAINING WALL
- MODULAR BLOCK RETAINING WALL
- LIGHT POLE (REFER TO PHOTOMETRIC PLAN)
- ADA PARKING BOLLARDS/SIGNS
- SANITARY SEWER
- WATERMAIN
- STORM SEWER

- UTILITY NOTES:**
- 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.
  - 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, WOSPS, AND WDRN.
  - 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 CONTACT THE CITIES PUBLIC WORKS DEPARTMENT A MINIMUM OF 48 HOURS BEFORE CONNECTING TO PUBLIC UTILITIES. CONTRACTOR TO VERIFY SIZE AND DEPTH OF EXISTING UTILITY SERVICES AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONNECTING.
  - CONTRACTOR MUST CONTACT AND IS REQUIRED TO NOTIFY THE CITIES WATER UTILITY 48 HOURS IN ADVANCE OF CONNECTING TO THE PUBLIC UTILITY.
  - ALL PRIVATE SANITARY BUILDING PIPE AND TUBING SHALL CONFORM TO SPS 384.30-2.
  - ALL PRIVATE STORM BUILDING PIPE AND TUBING SHALL CONFORM TO SPS 384.30-3.
  - ALL PRIVATE PIPE AND TUBING FOR WATER SERVICE SHALL CONFORM TO SPS 384.30-4.
  - ALL PRIVATE STORM PIPE SHALL CONFORM TO SPS 382.40(8)(4).
  - ALL PRIVATE PIPE SHALL BE INSTALLED PER SPS 382.40-8 INCLUDING AT LEAST 8' OF HORIZONTAL DISTANCE BETWEEN WATER PIPING AND SANITARY SEWER FROM CENTER OF PIPE TO CENTER OF PIPE AND 6' OF SEPARATION BETWEEN STORM SEWER AND WATER PIPING.
  - ALL LOCATIONS WHERE STORM SEWER AND WATER MAIN ARE CROSSING AND LESS THAN 3 FEET OF VERTICAL/HORIZONTAL SEPARATION IS PROVIDED, WATER MAIN SHALL BE INSULATED PER STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN LATEST EDITION. INSULATION SHALL CREATE A "BOX" ENCLOSED THE TOP AND SIDES OF WATER MAIN.



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



CLIENT ADDRESS:  
**200 NORTH MAIN STREET  
OREGON, WI, 53575**

PROJECT:  
**UNION CORNERS  
LOT 1 GRANDFAMILY**

PROJECT LOCATION:  
**CITY OF MADISON, WI  
DANE COUNTY**

PLAN MODIFICATIONS #	Date	Description
1	12.20.17	LAND USE SUBMITTAL
2	06.06.18	SITE PLAN VERIFICATION SUBMITTAL
3		
4		
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15		

Design/Drawn: MSS 12-14-2017  
Approved: MSS 12-14-2017

SHEET TITLE:  
**UTILITY PLAN**

SHEET NUMBER:  
**C300**

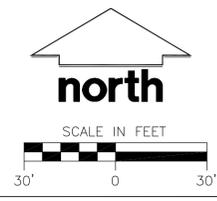
JSD PROJECT NO: 17-8095

**PROPOSED STORM SEWER STRUCTURES SCHEDULE**

LABEL	INVERT ELEV. (FT)	RIM ELEV. (FT)	COVER (FT)	STRUCTURE DESCRIPTION	COVER
MH-1	858.34	862.31	2.80	48" Storm Structure	Neevah R-1550 Solid Lid
CB-1	858.75	861.25	1.33	36" Stand Pipe	Stand Pipe Grate
CB-2	857.4+/-	859.55	1.5+/-	ADS Inline Drain	Nyloplast Dome Grate

**PROPOSED STORM SEWER PIPE SCHEDULE**

PIPE LABEL	FROM	TO	LENGTH (FT)	INVERT ELEVATION (FT)	DISCHARGE ELEVATION (FT)	SLOPE	PIPE SIZE (IN)	PIPE MATERIAL
P-1	MH-1	Existing INL-1	36	858.24	858.05	0.53%	12	RCP
P-2	CB-1	MH-1	79	858.75	858.34	0.52%	12	RCP
P-3	CB-2	Existing INL South	6	857.4+/-	Field Verify	Field Verify	8	HDPE



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Toll Free (800) 242-8511

**PRELIMINARY  
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