



Madison, Wisconsin

# CITY OF MADISON

## CITY ENGINEERING DIVISION

### DEPARTMENT OF PUBLIC WORKS

# PLAN OF PROPOSED IMPROVEMENT

PUBLIC IMPROVEMENT PROJECT APPROVED

JUNE 7, 2022

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

*James Wolfe*  
City Engineer

9/29/2023

Date

#### INDEX OF SHEETS

SHEET NO. C2-C3	SITE PLAN
SHEET NO. C4-C5	PLAN & PROFILE
SHEET NO. C6-C7	UTILITY PLAN
SHEET NO. L8	LANDSCAPE PLAN

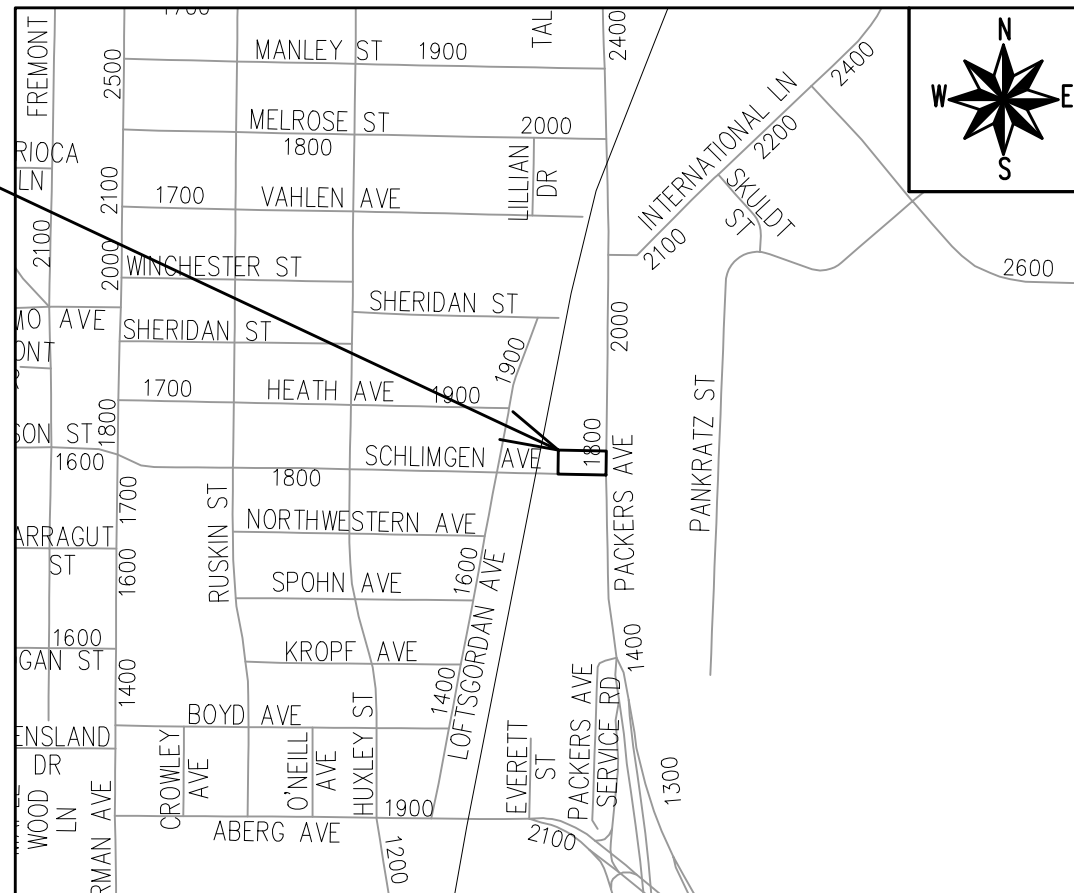
NO MAINTENANCE PLAN REQUIRED

**REVISION**  
6/21/23- SHEET C7 - SANITARY UPDATED  
9/7/23- SHEET C7 - SANITARY UPDATED

## 2110 SCHLINGEN AVENUE

CITY PROJECT NO. 14242  
CONTRACT NO. 9194

### PROJECT LOCATION



STREET DESIGNED BY:

SEE INDIVIDUAL SHEET

SANITARY SEWER DESIGNED BY:

SEE INDIVIDUAL SHEET

WATER DESIGNED BY:

SEE INDIVIDUAL SHEET

STORM SEWER DESIGNED BY:

SEE INDIVIDUAL SHEET

PLOT SCALE: 1:1\_XREF

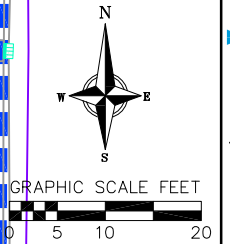
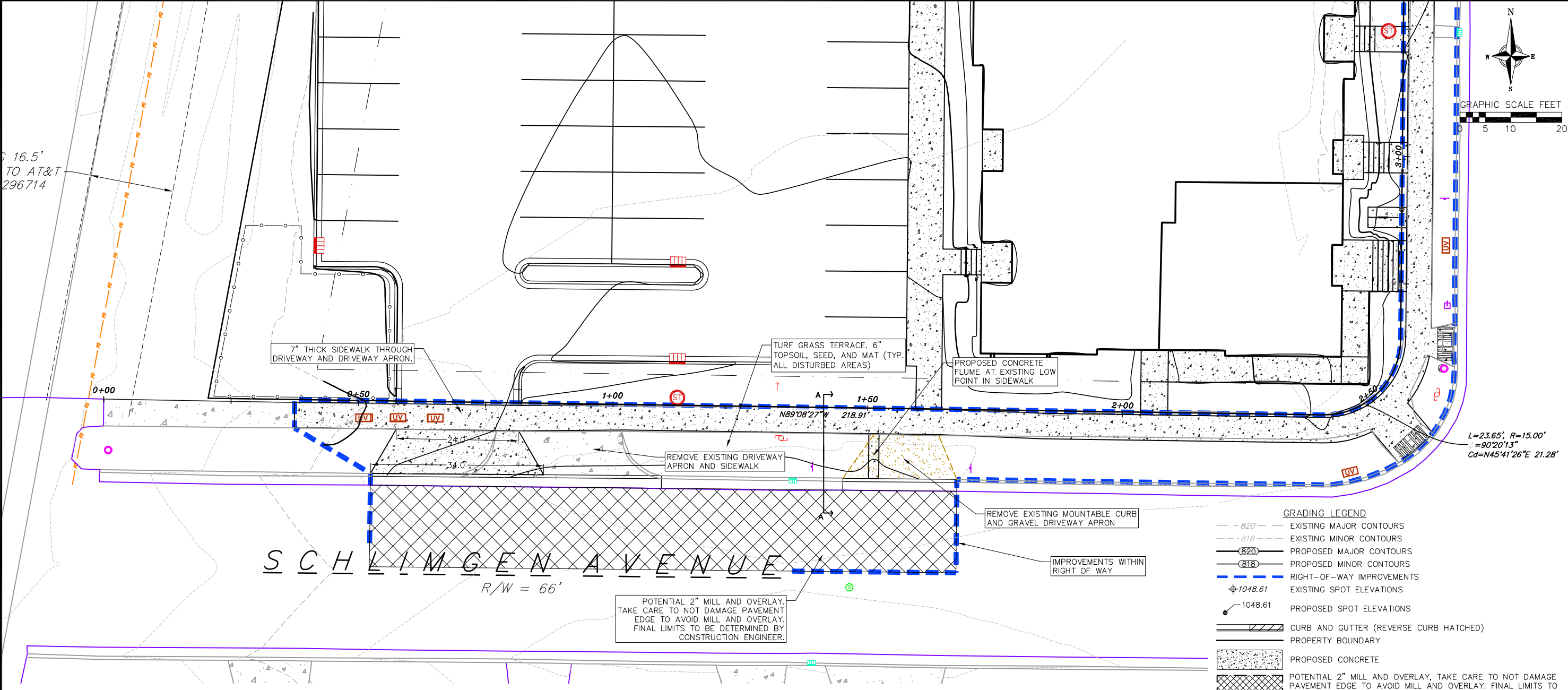
PLOT NAME: ---

REV. DATE: 10/31/2022 1:23 PM

ORIGINATOR: CITY\_OF\_MADISON

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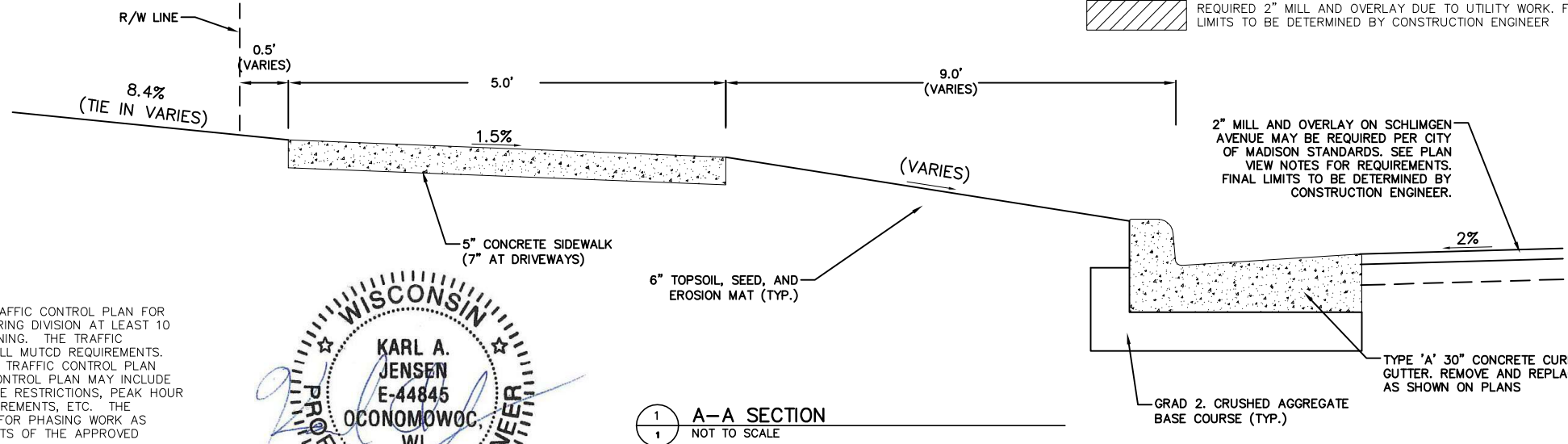
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**GRADING LEGEND**

--- 820 ---	EXISTING MAJOR CONTOURS
--- 818 ---	EXISTING MINOR CONTOURS
--- 820 ---	PROPOSED MAJOR CONTOURS
--- 818 ---	PROPOSED MINOR CONTOURS
---	RIGHT-OF-WAY IMPROVEMENTS
+	EXISTING SPOT ELEVATIONS
●	PROPOSED SPOT ELEVATIONS
---	CURB AND GUTTER (REVERSE CURB HATCHED)
---	PROPERTY BOUNDARY
---	PROPOSED CONCRETE
---	POTENTIAL 2" MILL AND OVERLAY, TAKE CARE TO NOT DAMAGE PAVEMENT EDGE TO AVOID MILL AND OVERLAY. FINAL LIMITS TO BE DETERMINED CONSTRUCTION ENGINEER.
---	REQUIRED 2" MILL AND OVERLAY DUE TO UTILITY WORK. FINAL LIMITS TO BE DETERMINED BY CONSTRUCTION ENGINEER

- SITE NOTES:**
- THE THE DEVELOPER SHALL REPLACE ALL CURB & GUTTER AND SIDEWALK THAT IS DAMAGED OR DETERMINED TO BE IN UNSATISFACTORY CONDITION.
  - ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADES OF 0.5% TOWARD STORM SEWER INLETS.
  - ALL DISTURBED TERRACE AREAS SHALL BE RESTORED WITH 6-INCHES OF TOP SOIL AND SEED UNLESS DIRECTED OTHERWISE ON THE PLAN OR BY THE CITY CONSTRUCTION ENGINEER.
  - TYPICAL PAVEMENT CROSS SLOPES SHALL BE 2% AND TERRACES SHALL SLOPE AT A 4% GRADE TOWARD THE GUTTER.
  - THE CROSS SLOPE OF SIDEWALKS SHALL BE 1.5%. THE LONGITUDINAL GRADE OF SIDEWALKS SHALL NOT EXCEED 5.0 % OR THE ADJACENT STREET GRADE WHICHEVER IS GREATER NOR BE LESS THAN 0.5% AND SHALL DRAIN TOWARD STORM SEWER INLETS. CONCRETE TERRACE SHALL BE INSTALLED BETWEEN THE SIDEWALK AND THE BACK OF CURB AT SIDEWALK LOW POINTS WHICH CANNOT OTHERWISE BE DRAINED DIRECTLY TO THE GUTTER. SIDE SLOPES WITHIN TEN FEET OF A PUBLIC SIDEWALK SHALL NOT EXCEED 4.00:1.
  - OBTAIN A PRINT OUT OF THE ALIGNMENT FROM THE CITY ENGINEER PRIOR TO STAKING THIS PROJECT.
  - ANY INFORMATION SHOWN ON THIS PLAN, WHICH IS NOT PART OF THIS RIGHT-OF-WAY PROJECT, IS PRELIMINARY AND NOT FOR CONSTRUCTION.
  - THERE MAY BE EXISTING UTILITIES OR OTHER FEATURES WHICH ARE EITHER NOT SHOWN OR SHOWN INCORRECTLY ON THIS PLAN. IT IS THE RESPONSIBILITY OF THE DEVELOPER TO LOCATE AND IDENTIFY ALL UTILITIES AND TOPOGRAPHY WHICH MAY AFFECT THE CONSTRUCTION OF THESE IMPROVEMENTS.
  - ALL PERMANENT SIGNING AND POSTING WILL BE DETERMINED AND PROVIDED BY THE TRAFFIC ENGINEERING DIVISION, FOLLOWING CONSTRUCTION OF THESE IMPROVEMENTS.
  - THE DEVELOPER SHALL PROVIDE, INSTALL AND MAINTAIN ALL STREET END BARRICADES, SIGNING AND TRAFFIC CONTROL, AS REQUIRED BY THE CITY TRAFFIC ENGINEER.
  - THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR REVIEW TO THE CITY TRAFFIC ENGINEERING DIVISION AT LEAST 10 WORKING DAYS PRIOR TO WORK BEGINNING. THE TRAFFIC CONTROL PLAN SHALL COMPLY WITH ALL MUTCD REQUIREMENTS. WORK SHALL NOT PROCEED UNTIL THE TRAFFIC CONTROL PLAN HAS BEEN APPROVED. THE TRAFFIC CONTROL PLAN MAY INCLUDE BUT IS NOT LIMITED TO: LANE CLOSURE RESTRICTIONS, PEAK HOUR WORKING RESTRICTIONS, ACCESS REQUIREMENTS, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PHASING WORK AS NECESSARY TO MEET THE REQUIREMENTS OF THE APPROVED TRAFFIC CONTROL PLAN.
  - PAVEMENT SAWCUTS AND FINAL PAVEMENT PATCHING LIMITS SHALL BE AS DIRECTED BY THE CITY CONSTRUCTION ENGINEER. SAWCUTS AND LIMITS SHOWN ON THE PLAN ARE BASED ON ANTICIPATED DISTURBANCE AND THE PATCHING CRITERIA BUT SHALL BE CONSIDERED APPROXIMATE. ALL PAVEMENT PATCHING SHALL BE PER THE CITY'S PATCHING CRITERIA.

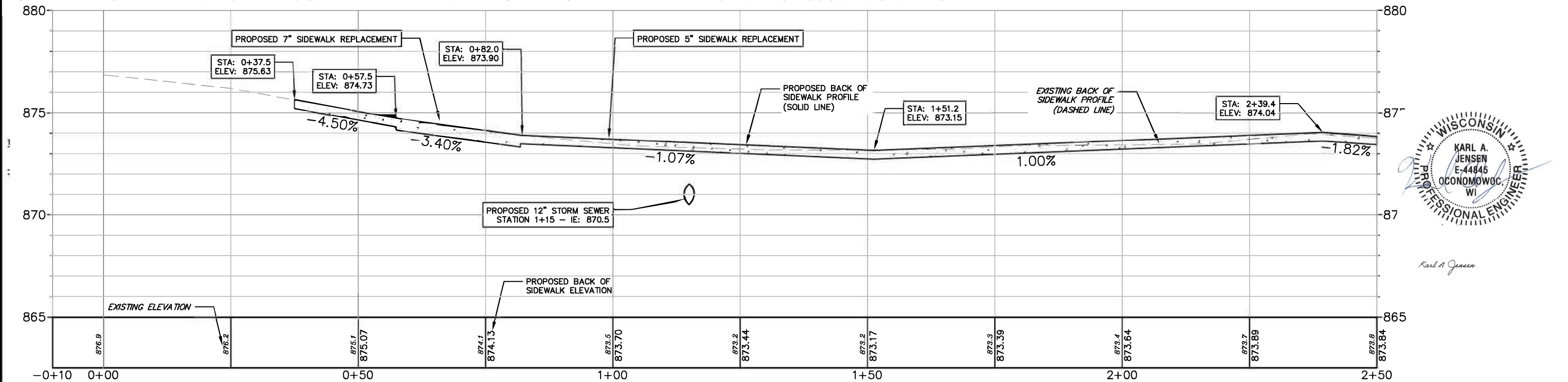
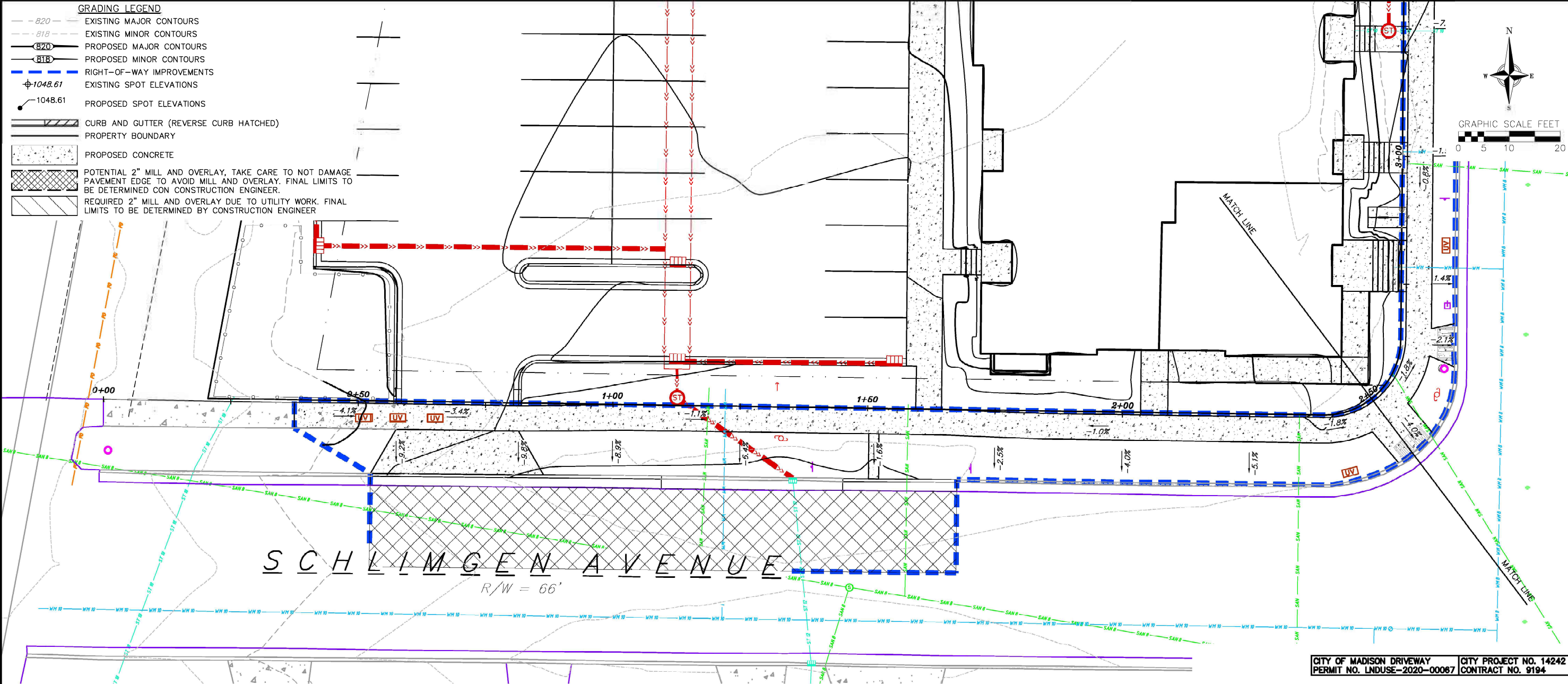


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CITY OF MADISON DRIVEWAY PERMIT NO. LNDUSE-2020-00067  
 CITY PROJECT NO. 14242 CONTRACT NO. 9194



Karl A. Jensen

**vierbicher**  
 planners | engineers | advisors  
 Phone: (800) 261-3898

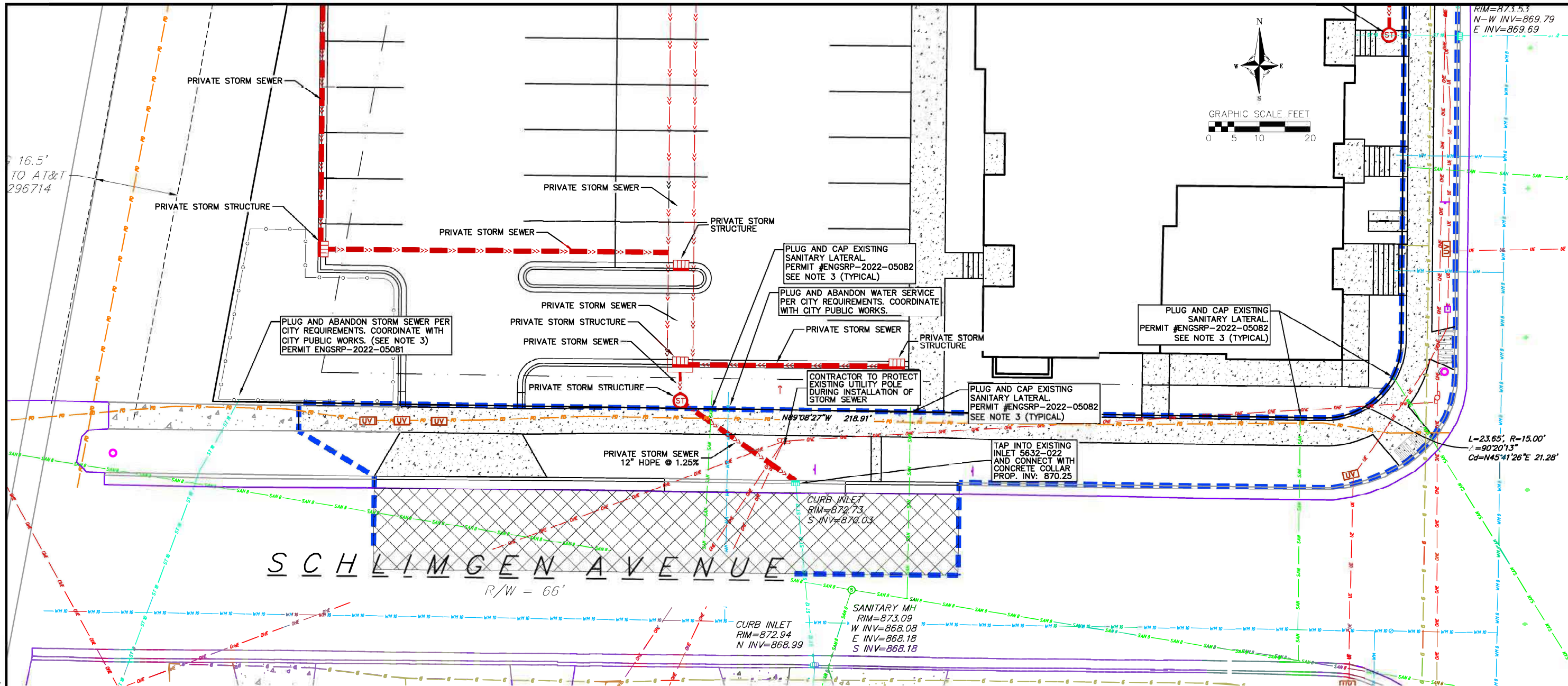
**PLAN & PROFILE - SCHLIMGEN AVENUE**  
 AVENUE SQUARE APARTMENTS - 2110 SCHLIMGEN AVENUE  
 CITY OF MADISON  
 DANE COUNTY, WISCONSIN

NO.	DATE	REVISIONS	REMARKS

DATE: 11/28/2022  
 DRAFTER: KJEN  
 CHECKED: JKAS  
 PROJECT NO.: 14242

C-4





**UTILITY NOTES:**

- CONTRACTOR SHALL INVESTIGATE ALL UTILITY CROSSINGS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL UTILITY STRUCTURES TO FINISHED GRADE (MANHOLE RIMS, WATER VALVES, AND CURB STOPS), IF NECESSARY.
- PLUG AND CAP EXISTING SANITARY AND STORM LATERALS (AT PROPERTY LINE) BY APPLICANT.
- INSTALL ELECTRONIC MARKER BALL ABOVE LATERAL AT PROPERTY LINE, CITY TO SUPPLY.
- FOR ALL SEWER AND WATER MAIN CROSSINGS: PROVIDE MINIMUM 18" SEPARATION WHEN WATER MAIN CROSSES BELOW SEWER AND MINIMUM 6" SEPARATION WHEN WATER MAIN CROSSES ABOVE SEWER.
- IF DEWATERING OPERATIONS EXCEED 70 GALLONS PER MINUTE OF PUMPING CAPACITY, A DEWATERING WELL PERMIT SHALL BE OBTAINED PRIOR TO STARTING ANY DEWATERING ACTIVITIES.
- A COPY OF THE APPROVED UTILITY PLANS, SPECIFICATIONS AND PLUMBING PERMIT APPROVAL LETTER SHALL BE ON-SITE DURING CONSTRUCTION AND OPEN TO INSPECTION BY AUTHORIZED REPRESENTATIVES OF THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES AND OTHER LOCAL INSPECTORS.
- STORM BUILDING SEWER PIPE SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-6 OF SPS 384.30(3)(c).
- PRIVATE WATER SERVICES AND PRIVATE WATER MAINS SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-7 OF SPS 384.30(4)(d).
- PRIVATE SANITARY SEWER AND LATERALS SHALL BE POLYVINYL CHLORIDE (PVC) ASTM D3034 - SDR 35 OR APPROVED EQUAL MATERIAL THAT CONFORMS TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-3 OF SPS 384.30(2)(c).
- A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NON METALLIC SEWERS/MAINS AND WATER SERVICES/MAINS MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED PER SPS 382.10(11)(h) AND SPS 382.40(8)(k).
- EXTERIOR WATER SUPPLY PIPING SETBACKS AND CROSSINGS SHALL BE IN ACCORDANCE WITH SPS 382.40(8)(b).
- NO PERSON MAY ENGAGE IN PLUMBING WORK IN THE STATE UNLESS LICENSED TO DO SO BY THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES PER S.145.06.
- SITE CONTRACTOR SHALL LEAVE SANITARY AND WATER LATERALS FIVE (5) FEET SHORT (HORIZONTALLY) FROM THE BUILDING. BUILDING PLUMBER SHALL VERIFY SIZE, LOCATION, AND INVERT ELEVATION OF PROPOSED SANITARY AND WATER LATERALS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THE EXISTING VALVES WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. THE CITY IS NOT RESPONSIBLE FOR ANY COSTS INCURRED DUE TO THE CONTRACTOR NOT VERIFYING THAT THE EXISTING VALVE WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. IF A NEW VALVE IS REQUIRED, THE APPLICANT WILL BE REQUIRED TO INSTALL ONE AT THEIR EXPENSE, AT THE POINT OF CONNECTION.
- CONTRACTOR TO CHLORINATE AND BACTERIA TEST BEFORE DOMESTIC SUPPLY PURPOSES.
- CLEAN OUT ALL EXISTING AND PROPOSED STORM INLETS AND CATCH BASINS AT THE COMPLETION OF CONSTRUCTION.
- CONTRACTOR SHALL COORDINATE WITH DRY UTILITY COMPANY'S REGARDING ANY POTENTIAL CONFLICTS AND COORDINATE RELOCATIONS AS MAY BE REQUIRED. CONTRACTOR SHALL ALSO COORDINATE THE PROPOSED INSTALLATION OF NEW FACILITIES AS REQUIRED.
- INSTALL WATER MAIN AT ADEQUATE DEPTH (MIN 6.5' OF COVER) TO AVOID CONFLICT WITH PROPOSED SANITARY SEWER AND STORM SEWER PER DNR STANDARDS EXCEPT WHERE NOTED ON THE PLANS. MAINTAIN MINIMUM 1.5' CLEAR SEPARATION IF WATER CROSSES BELOW SEWER AND MINIMUM 0.5' IF WATER CROSSES ABOVE.
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- SECTION 107.13(G) OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ADDRESSES SOIL COMPACTION NEAR STREET TREES AND SHALL BE FOLLOWED BY CONTRACTOR. THE STORAGE OF PARKED VEHICLES, CONSTRUCTION EQUIPMENT, BUILDING MATERIALS, REFUSE, EXCAVATED SPOILS OR DUMPING OF POISONOUS MATERIALS ON OR AROUND TREES AND ROOTS WITHIN FIVE (5) FEET OF THE TREE OR WITHIN THE PROTECTION ZONE IS PROHIBITED.
- ALL UTILITY VERIFICATIONS AND ACCURACY OF THESE DRAWINGS ARE THE RESPONSIBILITY OF THE DEVELOPER. ANY CONFLICTS THAT ARISE FROM MISSING OR ERRONEOUS INFORMATION WILL BE AT THEIR EXPENSE.

**PROPOSED UTILITY LEGEND**

- >--->---> STORM SEWER PIPE
- SANITARY SEWER LATERAL PIPE
- SANITARY SEWER MANHOLE
- WATER SERVICE LATERAL PIPE
- WATER VALVE

**TOPOGRAPHIC LINEWORK LEGEND**

- EXISTING FIBER OPTIC LINE
- EXISTING UNDERGROUND TELEPHONE
- EXISTING GAS LINE
- EXISTING OVERHEAD GENERAL UTILITIES
- EXISTING SANITARY SEWER LINE (SIZE NOTED)
- EXISTING WATER MAIN (SIZE NOTED)

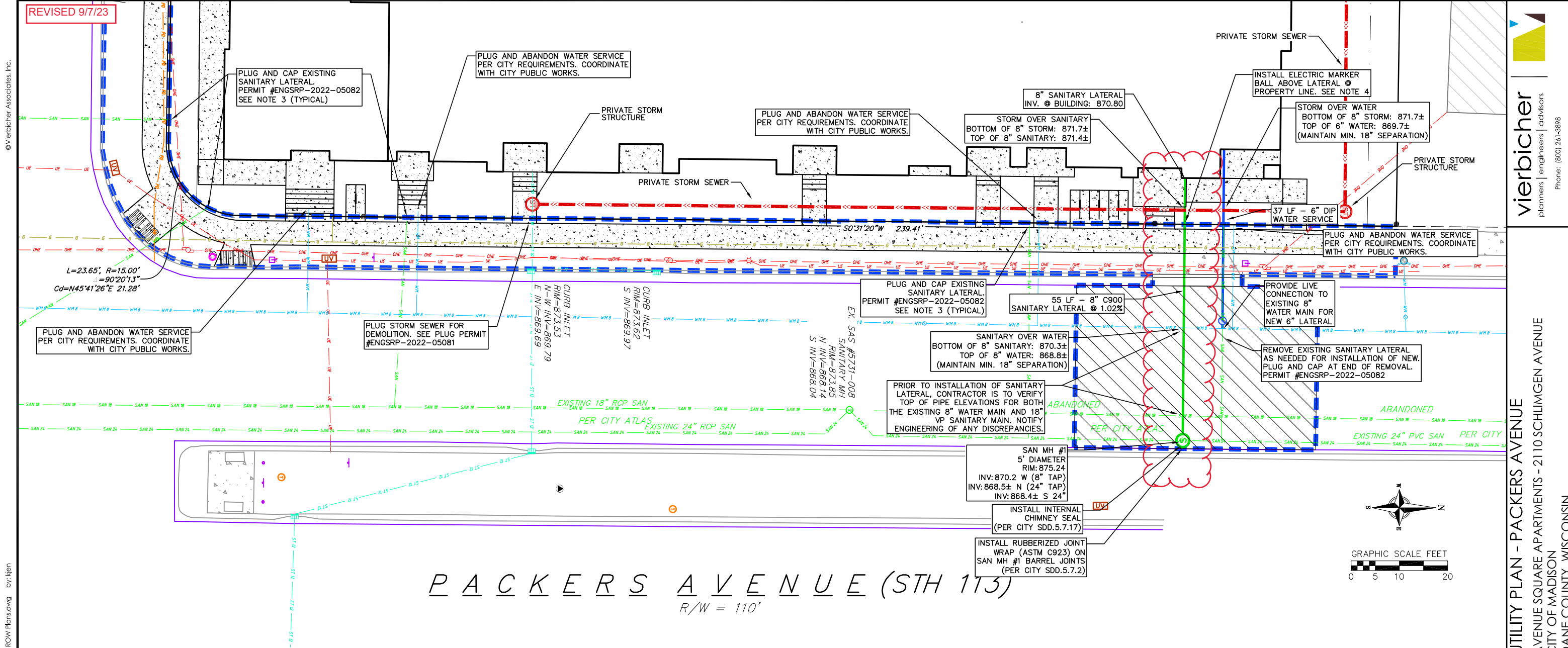


Karl A. Jensen

REVISIONS		REVISIONS	
NO.	DATE	NO.	DATE

DATE	11/28/2022
DRAFTER	KJEN
CHECKED	JKAS
PROJECT NO.	14242



# PACKERS AVENUE (STH 113)

R/W = 110'

**UTILITY NOTES:**

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- SECTION 107.13(G) OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ADDRESSES SOIL COMPACTION NEAR STREET TREES AND SHALL BE FOLLOWED BY CONTRACTOR. THE STORAGE OF PARKED VEHICLES, CONSTRUCTION EQUIPMENT, BUILDING MATERIALS, REFUSE, EXCAVATED SPOILS OR DUMPING OF POISONOUS MATERIALS ON OR AROUND TREES AND ROOTS WITHIN FIVE (5) FEET OF THE TREE OR WITHIN THE PROTECTION ZONE IS PROHIBITED.
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**PROPOSED UTILITY LEGEND**

- STORM SEWER PIPE
- SANITARY SEWER LATERAL PIPE
- SANITARY SEWER MANHOLE
- WATER SERVICE LATERAL PIPE
- WATER VALVE

**TOPOGRAPHIC LINEWORK LEGEND**

- EXISTING FIBER OPTIC LINE
- EXISTING UNDERGROUND TELEPHONE
- EXISTING GAS LINE
- EXISTING OVERHEAD GENERAL UTILITIES
- EXISTING SANITARY SEWER LINE (SIZE NOTED)
- EXISTING WATER MAIN (SIZE NOTED)

CITY PROJECT NO. 14242  
CONTRACT NO. 9194

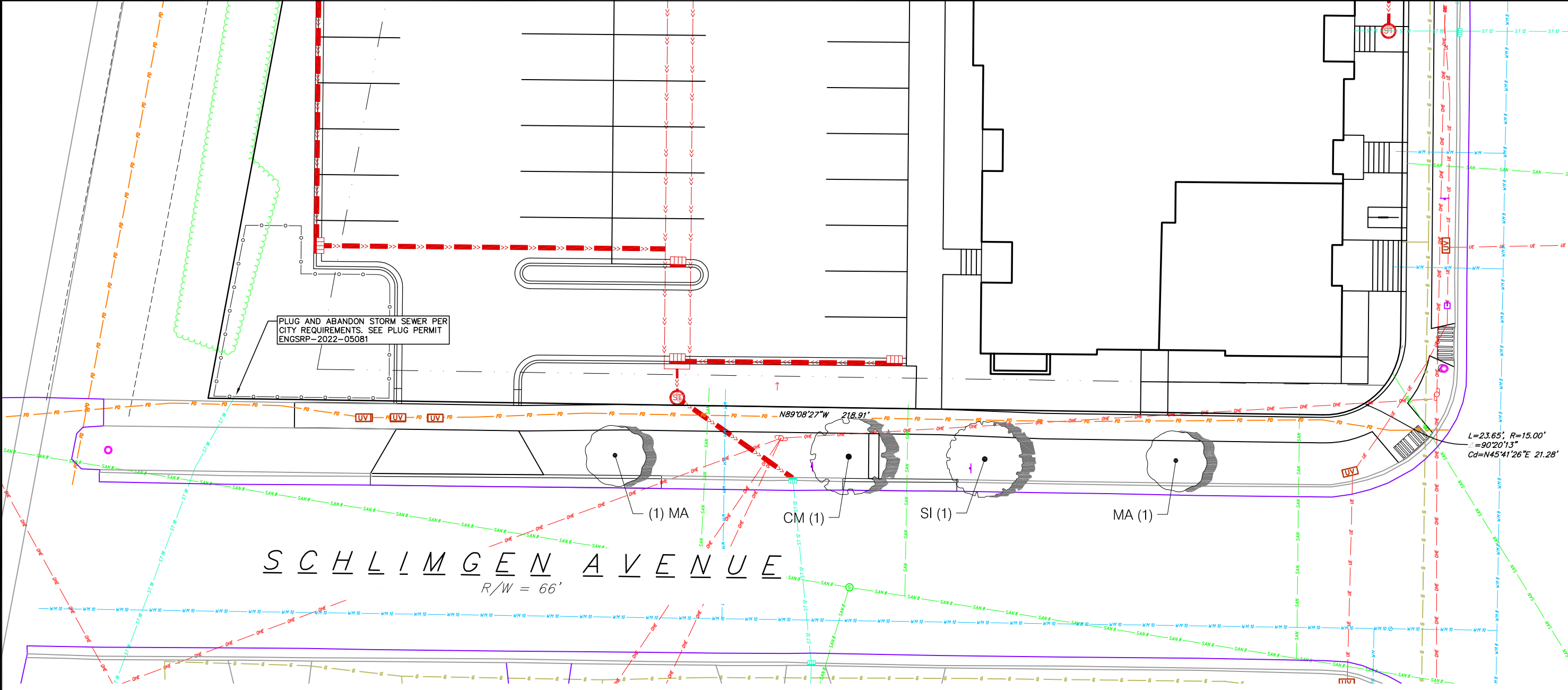
**vierbicher**  
planners | engineers | advisors  
Phone: (800) 261-8998

UTILITY PLAN - PACKERS AVENUE  
AVENUE SQUARE APARTMENTS - 2110 SCHLIMGEN AVENUE  
CITY OF MADISON  
DANE COUNTY, WISCONSIN

REVISIONS		NO.	DATE	REMARKS

DATE	11/28/2022
DRAFTER	KJEN
CHECKED	JKAS
PROJECT NO.	14242

C-7



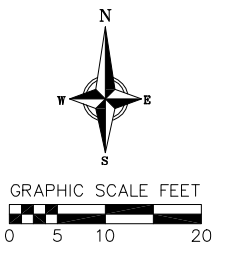
**SCHLIMGEN AVENUE**  
R/W = 66'

**PLANT SCHEDULE**

NEW STREET TREES	BOTANICAL / COMMON NAME	ROOT COND.	SIZE	NOTES	QTY
CM	Cornus mas 'Golden Glory' / Golden Glory Cornelian Cherry	B & B	1.5" Cal		1
MA	Malus x 'Adirondack' / Adirondack Crabapple	B & B	1.5" Cal		2
SI	Syringa reticulata reticulata 'Willamette' TM / Ivory Pillar Japanese Tree Lilac	B & B	1.5" Cal		1

**GENERAL NOTES:**

- All plantings shall conform to quality requirements as per ANSI Z60.1.
- All plant material shall be true to the species, variety and size specified, nursery grown in accordance with good horticultural practices, and under climactic conditions similar to those of the project site.
- Contact Landscape Architect, in writing, to request and plant material substitutions due to availability issues.
- All disturbed areas, unless otherwise noted, to be seeded with Madison Parks Mx by LaCrosse Seed Company or equivalent, per manufacturer's specified application rates. All seeded areas are to be watered daily to maintain adequate soil moisture for proper germination. After vigorous growth is established, apply 1/2" water twice weekly until final acceptance.
- All plants shall be guaranteed to be in healthy and flourishing condition during the growing season following installation. All plant material shall be guaranteed for one year from the time of installation.
- Contractor shall provide a suitable amended topsoil blend for all planting areas where soil conditions are unsuitable for plant growth. Topsoil shall conform to quality requirements as per Section 625.2(1) of the Standard Specifications for Highway Construction. Provide a minimum of 12" of topsoil in all planting areas and 6" of topsoil in areas to be seeded/sodded.
- Landscape beds to be mulched with undyed shredded hardwood bark mulch to 3" depth min. and edged with commercial grade aluminum landscape edging, Permaloc CleanLine 3/8" x 4" or equal, color black anodized.
- At least one week prior to street tree planting, Contractor shall contact Jeff Heinecke with City Forestry at (608) 266-4816 to schedule inspection and approval of nursery tree stock, review planting specifications with the landscaper, and to determine the final planting locations.



Karl A. Jensen

REVISIONS		REVISIONS	REVISIONS
NO.	DATE	NO.	DATE

DATE: 11/28/2022  
DRAFTER: KJEN  
CHECKED: SVIN  
PROJECT NO.: 14242