



**Time:** 2/26/2018 9:38:48 AM

**Session:** C:\GTViewer\_Sessions\Deming & Fourier SW.gts

**City of Madison, WI - GIS/Mapping data**

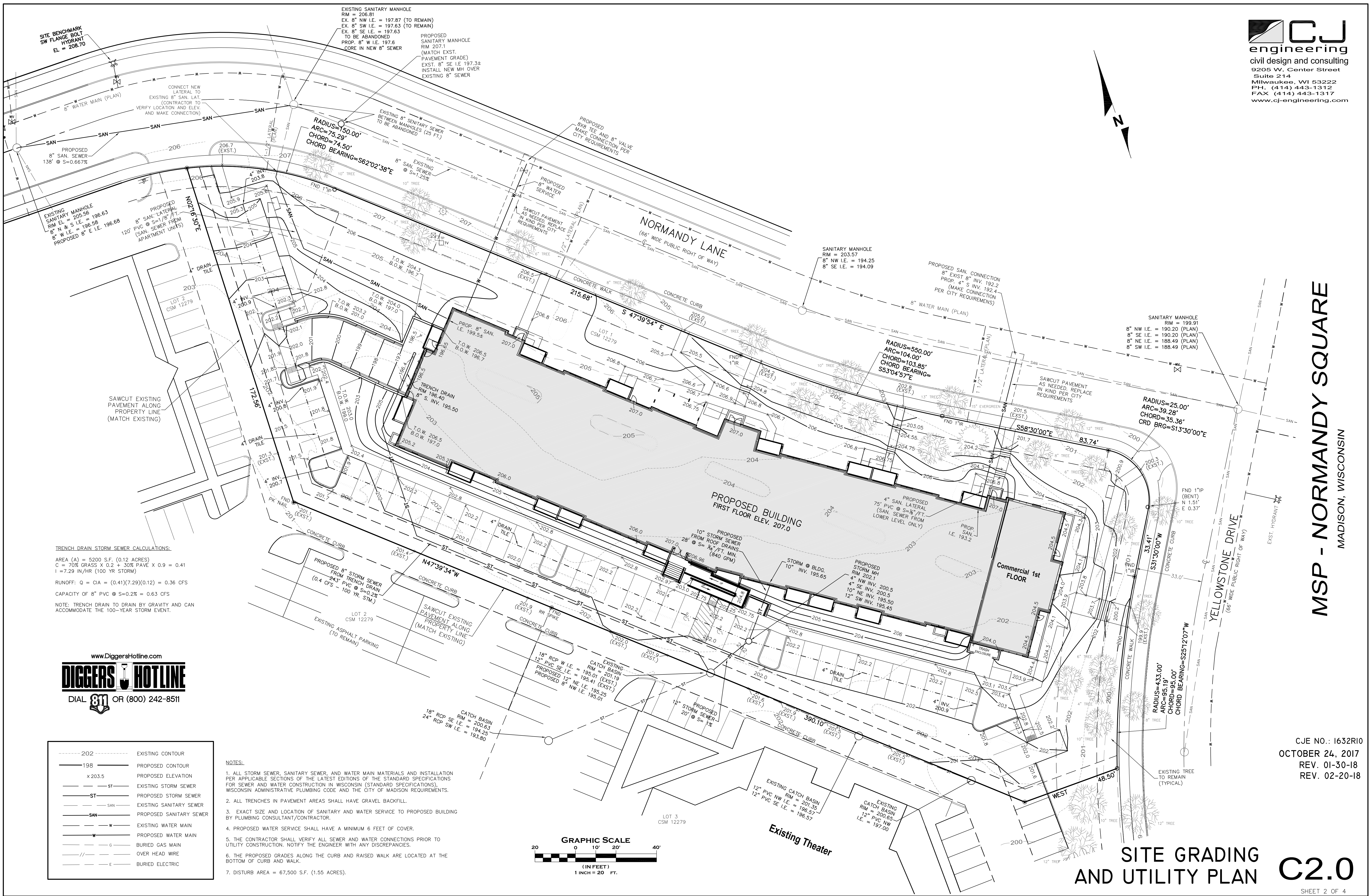
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Disclaimer: The City makes no representation about the accuracy of these records and shall not be liable for any damages

**MSP - NORMANDY SQUARE**  
 MADISON, WISCONSIN

**SITE GRADING AND UTILITY PLAN C2.0**

CJE NO.: I632R10  
 OCTOBER 24, 2017  
 REV. 01-30-18  
 REV. 02-20-18

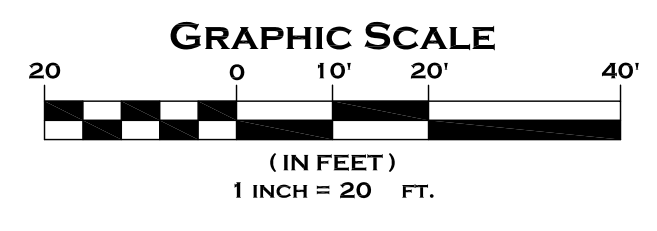


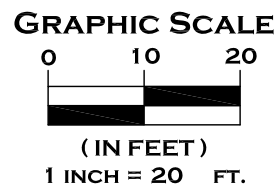
**TRENCH DRAIN STORM SEWER CALCULATIONS:**  
 AREA (A) = 5200 S.F. (0.12 ACRES)  
 C = 70% GRASS X 0.2 + 30% PAVE X 0.9 = 0.41  
 I = 7.29 IN./HR (100 YR STORM)  
 RUNOFF: Q = CIA = (0.41)(7.29)(0.12) = 0.36 CFS  
 CAPACITY OF 8" PVC @ S=0.2% = 0.63 CFS  
 NOTE: TRENCH DRAIN TO DRAIN BY GRAVITY AND CAN ACCOMMODATE THE 100-YEAR STORM EVENT.

www.DiggersHotline.com  
**DIGGERS HOTLINE**  
 DIAL 811 OR (800) 242-8511

--- 202 ---	EXISTING CONTOUR
--- 198 ---	PROPOSED CONTOUR
x 203.5	PROPOSED ELEVATION
--- ST ---	EXISTING STORM SEWER
--- ST ---	PROPOSED STORM SEWER
--- SAN ---	EXISTING SANITARY SEWER
--- SAN ---	PROPOSED SANITARY SEWER
--- W ---	EXISTING WATER MAIN
--- W ---	PROPOSED WATER MAIN
--- G ---	BURIED GAS MAIN
--- // ---	OVER HEAD WIRE
--- E ---	BURIED ELECTRIC

- NOTES:**
1. ALL STORM SEWER, SANITARY SEWER, AND WATER MAIN MATERIALS AND INSTALLATION PER APPLICABLE SECTIONS OF THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN (STANDARD SPECIFICATIONS), WISCONSIN ADMINISTRATIVE PLUMBING CODE AND THE CITY OF MADISON REQUIREMENTS.
  2. ALL TRENCHES IN PAVEMENT AREAS SHALL HAVE GRAVEL BACKFILL.
  3. EXACT SIZE AND LOCATION OF SANITARY AND WATER SERVICE TO PROPOSED BUILDING BY PLUMBING CONSULTANT/CONTRACTOR.
  4. PROPOSED WATER SERVICE SHALL HAVE A MINIMUM 6 FEET OF COVER.
  5. THE CONTRACTOR SHALL VERIFY ALL SEWER AND WATER CONNECTIONS PRIOR TO UTILITY CONSTRUCTION. NOTIFY THE ENGINEER WITH ANY DISCREPANCIES.
  6. THE PROPOSED GRADES ALONG THE CURB AND RAISED WALK ARE LOCATED AT THE BOTTOM OF CURB AND WALK.
  7. DISTURB AREA = 67,500 S.F. (1.55 ACRES).



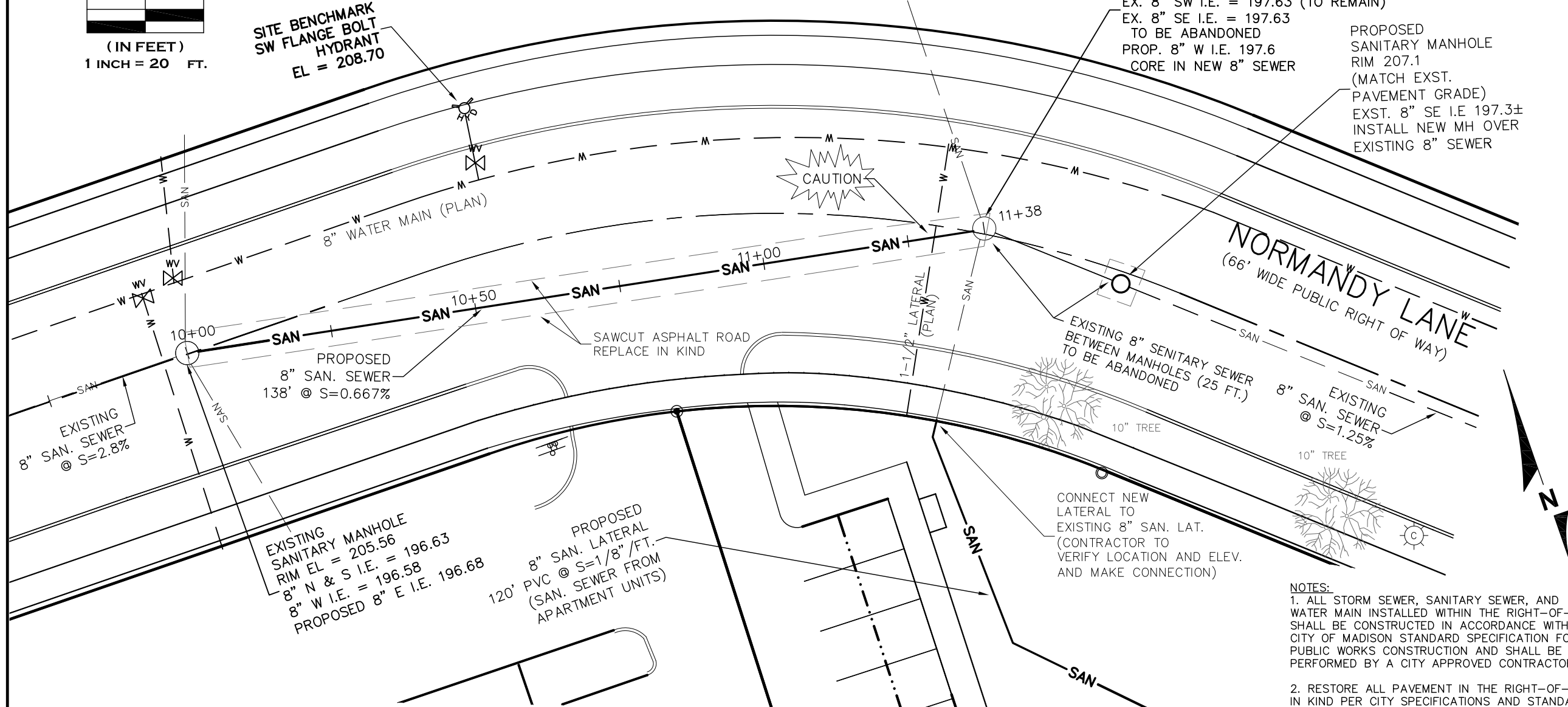


SITE BENCHMARK  
SW FLANGE BOLT  
HYDRANT  
EL = 208.70

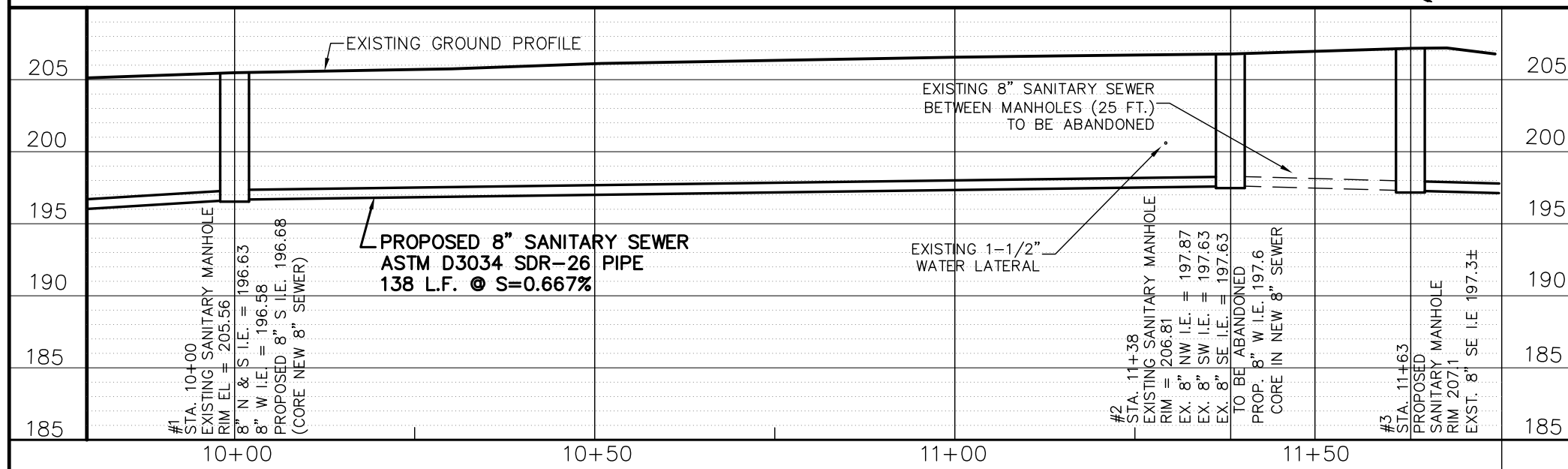
EXISTING SANITARY MANHOLE  
RIM = 206.81  
EX. 8" NW I.E. = 197.87 (TO REMAIN)  
EX. 8" SW I.E. = 197.63 (TO REMAIN)  
EX. 8" SE I.E. = 197.63  
TO BE ABANDONED  
PROP. 8" W I.E. 197.6  
CORE IN NEW 8" SEWER

PROPOSED  
SANITARY MANHOLE  
RIM 207.1  
(MATCH EXST.  
PAVEMENT GRADE)  
EXST. 8" SE I.E 197.3±  
INSTALL NEW MH OVER  
EXISTING 8" SEWER

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**NOTES:**  
1. ALL STORM SEWER, SANITARY SEWER, AND WATER MAIN INSTALLED WITHIN THE RIGHT-OF-WAY SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF MADISON STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION AND SHALL BE PERFORMED BY A CITY APPROVED CONTRACTOR.  
2. RESTORE ALL PAVEMENT IN THE RIGHT-OF-WAY IN KIND PER CITY SPECIFICATIONS AND STANDARDS.  
3. ABANDON EXISTING 8" SEWER BETWEEN EXISTING MH #2 AND PROPOSED MH #3 PER CITY REQUIREMENTS AND SPECIFICATIONS.  
4. STATION IS ALONG THE CENTERLINE OF THE SEWER



**LEGEND**

- ST --- EXISTING STORM SEWER
- ST — PROPOSED STORM SEWER
- SAN --- EXISTING SANITARY SEWER
- SAN — PROPOSED SANITARY SEWER
- W --- EXISTING WATER MAIN
- W — PROPOSED WATER MAIN
- G --- BURIED GAS MAIN
- // --- OVER HEAD WIRE
- E --- BURIED ELECTRIC

**MSP - NORMANDY SQUARE**  
MADISON, WISCONSIN

**SANITARY SEWER  
PLAN AND PROFILE**

CJE NO.: 1632R10  
FEBRUARY 20, 2018

**C2.1**