

A	B	C
8" SANITARY PVC	CLASS "C" BEDDING 18" STORM CLASS IV RCP	CLASS "C" BEDDING 24" STORM CLASS IV RCP

SPECIAL PROVISIONS FOR PLAN FILE NUMBER 244-9 ONLY.

- STANDARD SPECIAL PROVISIONS, PLAN FILE NUMBER 52-4-51, DATED MAY 1, 2013 (OR LATEST REVISION THERE OF), ARE PART OF THIS CONTRACT.
- THIS PROJECT HAS BEEN SUBMITTED TO THE MILWAUKEE METROPOLITAN SEWERAGE DISTRICT (MMSD) AND THE DEPARTMENT OF NATURAL RESOURCES (DNR) FOR APPROVALS. NO WORK SHALL BE PERFORMED ON THIS CONTRACT UNTIL MMSD AND DNR APPROVALS HAVE BEEN OBTAINED. APPROVALS ARE CURRENTLY ANTICIPATED TO BE OBTAINED BY SEPTEMBER 16, 2016; HOWEVER, THERE IS NO GUARANTEE OF SAME. THE CONSTRUCTION ENGINEER SHALL CONTACT MR. ANDY KAMINSKI (MMSD) AT (414) 225-2219 TO CONFIRM THAT THE APPROVALS HAVE BEEN GRANTED.
- NO WORK SHALL BEGIN PRIOR TO JULY 5, 2017. THIS PROJECT SHALL BE COMPLETED BY AUGUST 15, 2017. ALL WORK SHALL BE CONTINUOUS AND THE NUMBER OF ALLOWABLE WORKDAYS IS 30 DAYS. A PROJECT WORKING DAY IS DEFINED AS ANY DAY THE CONTRACTOR IS ABLE TO WORK A MINIMUM OF FOUR HOURS TOWARDS COMPLETION OF THE PROJECT.
- NORTH 5TH STREET IS ON THE 2017 CITY PAVING PROGRAM FOR CONCRETE RECONSTRUCTION. THE LET DATE FOR THIS PAVING PROJECT IS SCHEDULED TO BE IN THE SPRING OF 2017.
- WITHIN TEN (10) BUSINESS DAYS OF THE AWARD OF THIS CONTRACT, THE CONTRACTOR SHALL MAIL A NOTICE OF THE PROJECT TO THE CITY OF MILWAUKEE CONSTRUCTION SECTION 401 NORTH BROADWAY, ROOM 710, MILWAUKEE, WI 53202 FOR REVIEW AND APPROVAL. WITHIN FIVE (5) BUSINESS DAYS OF APPROVAL, THE CONTRACTOR SHALL MAIL THE PROJECT NOTICE TO ALL AFFECTED AREA RESIDENTS AND BUSINESSES. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL NOTICES ARE CONVEYED TO THE PUBLIC REGARDING THIS PROJECT. A SAMPLE NOTICE IS INCLUDED IN THE CONTRACT DOCUMENTS. CONTRACT WORK SHALL NOT START PRIOR TO COMPLETING THE NOTICE REQUIREMENT. ANY DELAY IN CONTRACT COMPLETION AS A RESULT OF NON-COMPLIANCE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL POST CITY OF MILWAUKEE PROJECT IDENTIFICATION ("BLUE") SIGNS AS DIRECTED ON EACH PROJECT IN THIS CONTRACT. THE CITY WILL PROVIDE BLANK SIGNS FOR THE CONTRACTOR TO FILL IN CONTACT INFORMATION AND POST.
- IN ADDITION TO THE ALLOWABLE 1-1/2 INCH GRADED AGGREGATE, AS PER TABLE 39 OF SECTION 8.43.7 OF THE STANDARD SPECIFICATIONS, THE CONTRACTOR IS ALSO ALLOWED TO USE 1-1/4 INCH GRADED AGGREGATE. THE 1-1/4 INCH GRADED AGGREGATE SHALL MEET THE WISCONSIN DEPARTMENT OF TRANSPORTATION (WISDOT) STANDARDS, AS PER SECTION 305 DENSE GRADED BASE, CONFORMING TO THE TABLE LISTED AS "PERCENT PASSING BY WEIGHT" IN 2016 WISDOT STANDARD SPECIFICATIONS, SUBSECTION 305.2.2.1 GENERAL.
- THE CONTRACTOR SHALL PROTECT AND SUPPORT ALL THE EXISTING UTILITIES WHILE RELAYING THE RESPECTIVE DIAMETER SEWERS. ALL UTILITIES SHALL BE SUPPORTED. THE COST OF SUPPORTING, RAT HOLLING, OR TUNNELING UNDER THE EXISTING UTILITIES NECESSARY FOR THE PROPOSED SEWER SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE RESPECTIVE DIAMETER SEWER, CLASS "C" BEDDING.
- THE CONTRACTOR SHALL NOT CONNECT OR ESTABLISH ANY HYDRANT DRAIN CONNECTIONS TO THE PROPOSED SANITARY SEWER MAIN.
- THE CITY OF MILWAUKEE HAS STREET LIGHTING FACILITIES AND PIPE AND CABLE CROSSINGS AT VARIOUS LOCATIONS THROUGHOUT THE PROJECT. DURING OPEN CUT TRENCHING, THE CONTRACTOR SHALL SUPPORT THESE CROSSINGS. ANY ALTERATIONS NEEDED TO THE CITY OF MILWAUKEE STREET LIGHTING FACILITIES MUST BE APPROVED BY THE STREET LIGHTING DEPARTMENT. THE CONTRACTOR SHALL PAY A SERVICE FEE OF APPROXIMATELY \$2,200 TO \$4,500 FOR EACH STREET LIGHTING ALTERATION; HOWEVER, IF ANY ADDITIONAL WORK IS REQUIRED FOR THE ALTERATION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST.

- THE SUCCESSFUL CONTRACTOR MUST PAY THE NECESSARY SERVICE FEE PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE PROOF OF THE PAYMENT TO THE CONSTRUCTION ENGINEER BEFORE ANY STREET LIGHTING OR TRAFFIC SIGNAL ALTERATION WORK IS SCHEDULED. THE CONTRACTOR SHALL CONTACT MR. ENG-KIE LEE AT (414) 286-2174 FOR ANY NECESSARY STREET LIGHTING ALTERATIONS. THE CONTRACTOR SHALL CONTACT MR. JOSEPH BONDOWSKI AT (414) 286-5162 FOR ANY NECESSARY TRAFFIC SIGNAL ALTERATIONS.
- ANY DAMAGE TO THE CITY-OWNED STREET LIGHTING FACILITIES DUE TO THE CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. ANY DAMAGES SHALL BE REPORTED TO THE STREET LIGHTING SHOP AT (414) 286-5944.
- THE CONTRACTOR SHALL MAINTAIN LOCAL TRAFFIC AND ACCESS TO ALL ADJOINING PROPERTIES AT ALL TIMES.
- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SUPPLY A TRAFFIC CONTROL PLAN OUTLINING TRAFFIC FLOW PATTERNS AROUND THE WORK ZONE AND ACCESS TO BUSINESSES AND RESIDENCES TO MR. JAMES BROWN OR MS. SHARON BETTHAUER AT OF THE CITY OF MILWAUKEE TRAFFIC OPERATIONS SECTION, MUNICIPAL BUILDING, ROOM 920 CONTACT MR. JAMES BROWN AT (414) 286-3276 OR MS. SHARON BETTHAUER AT (414) 286-3632 WITH QUESTIONS REGARDING THE TRAFFIC CONTROL PLAN SUBMITTAL.
- ALL SIGNS USED FOR TRAFFIC CONTROL SHALL MEET THE NEW NATIONAL REQUIREMENTS FOR SIGN RETROREFLECTIVITY STANDARDS.
- THE CONTRACTOR SHALL CONTACT MR. JAMES BROWN AT (414) 286-3276 OR MS. SHARON BETTHAUER AT (414) 286-3632 OF THE CITY OF MILWAUKEE TRANSPORTATION SECTION AT LEAST THREE (3) DAYS PRIOR TO THE START OF THE PROJECT REGARDING THE INSTALLATION OF TEMPORARY "NO PARKING" SIGNS. THE CONTRACTOR SHALL ALSO CONTACT MR. BROWN OR MS. BETTHAUER TO ARRANGE FOR THE REMOVAL OF SIGNS IN THE PROJECT LIMITS AFTER CONSTRUCTION WORK IS COMPLETED.
- THE CONTRACTOR SHALL PROVIDE THE CITY WITH TWO (2) COPIES OF A POST-INSTALLATION DVD EXAMINATION AND REPORT OF THE SEWERS. THESE VIDEO EXAMS WILL BECOME THE PROPERTY OF THE CITY OF MILWAUKEE. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE SEWER EXAMS BY CCTV, POST-CONSTRUCTION.
- THE CONTRACTOR SHALL CONTACT MR. MIKE CHANESKE AT (414) 286-5965 OF THE CITY OF MILWAUKEE TRAFFIC SECTION IF STREET SIGNS OR STOP SIGNS ARE TAKEN DOWN OR DISTURBED DURING CONSTRUCTION. THE CONTRACTOR IS DIRECTED TO CALL FOR ANY REINSTALLATION OF THE SIGNS. A CITY CREW WILL REINSTALL THE SIGNS.
- THE SURFACE RESTORATION IN NORTH 5TH STREET SHALL CONSIST OF 12-INCHES OF CRUSHED STONE OR GRAVEL. ALL SURFACE RESTORATION SHALL BE LIMITED TO A WIDTH OF THE OUTSIDE DIAMETER OF THE PIPE PLUS FOUR FEET, CENTERED ON THE PROPOSED PIPE. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR SURFACE RESTORATION.
- THE PAVEMENT REPLACEMENT IN WEST JUNEAU AVENUE SHALL CONSIST OF 4-INCH ASPHALTIC CONCRETE. ALL PAVEMENT REPLACEMENT SHALL BE LIMITED TO A WIDTH OF THE OUTSIDE DIAMETER OF THE PIPE PLUS FOUR FEET, CENTERED ON THE PROPOSED PIPE. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR 4-INCH ASPHALTIC CONCRETE.
- ALL BUILDING SEWERS CONNECTIONS INTO AN 8 OR 10-INCHES DIAMETER PVC MAINLINE SEWER SHALL BE MADE WITH A PROPER WYE OR A TEE FITTING. THE CONTRACTOR SHALL NOT BE ALLOWED TO CORE CONTACT ANY BUILDING SEWERS INTO A PVC MAINLINE SEWER OF THE 8 AND 10-INCHES DIAMETER SIZE.
- THE CONTRACTOR SHALL CONTACT MIKE ABRAMS AND CHRISTOPHER MILLER, OF THE JON VENU GROUP AT (303) 210-7860 AND (704) 909-4445 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE BEGINNING OF SEWER WORK ON THIS PROJECT. THE CONTRACTOR SHALL COORDINATE ALL SEWER WORK WITH THE PLANNED DEVELOPMENT AND PARKING STRUCTURE.
- THE CONTRACTOR SHALL CONTACT MR. DEWEY HAMBA, OF GRAEF AT (414) 266-9136 AND MS. KAREN DETTMER, PUBLIC WORKS COORDINATION MANAGER AT (414) 286-3304 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE BEGINNING OF SEWER WORK ON THIS PROJECT. THE CONTRACTOR SHALL COORDINATE ALL SEWER WORK WITH THE PLANNED DEVELOPMENT AND BUILDING SEWER CONNECTIONS.
- THE CONTRACTOR SHALL PROTECT AND SUPPORT THE EXISTING WATER MAIN. THE CONTRACTOR SHALL PROTECT AND SUPPORT THE EXISTING 12-INCH DIAMETER WATER MAIN WITHIN THE PROJECT LIMITS WITH A TRENCH SHIELD, RAT HOLLING, INCLUDING TUNNELING, AND TIGHT SHEETING AND BRACING. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE RESPECTIVE DIAMETER SEWER, CLASS "C" BEDDING.
- THERE ARE ACTIVE WE ENERGIES FACILITIES IN NORTH 5TH STREET AND WEST JUNEAU AVENUE. THE CONTRACTOR SHALL CONTACT MR. KEN FRANECKI AT WE ENERGIES, 414-944-5531, AND PATTY FLYNN AT 944-5760, AT LEAST 5 WORKING DAYS PRIOR TO START OF SEWER CONSTRUCTION WORK. THE CONTRACTOR SHALL REQUEST A WE ENERGIES INSPECTOR TO PROVIDE PROPER PROCEDURES TO PROTECT AND SUPPORT THE WE ENERGIES ELECTRIC FACILITIES, AS NEEDED.

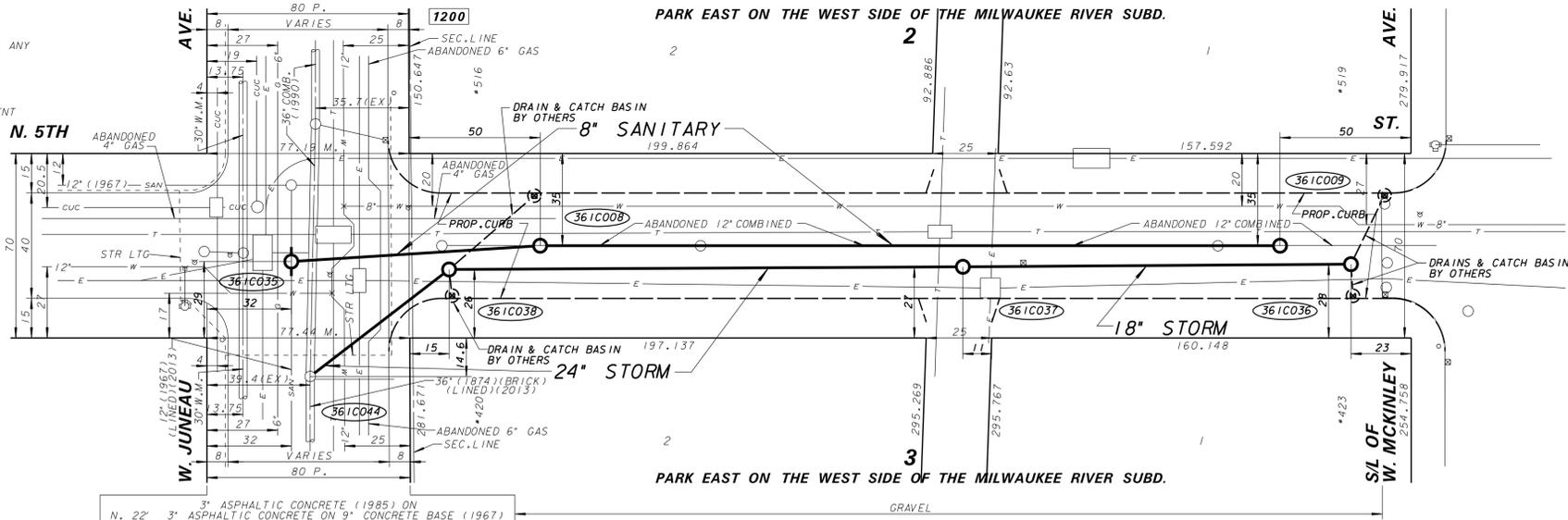
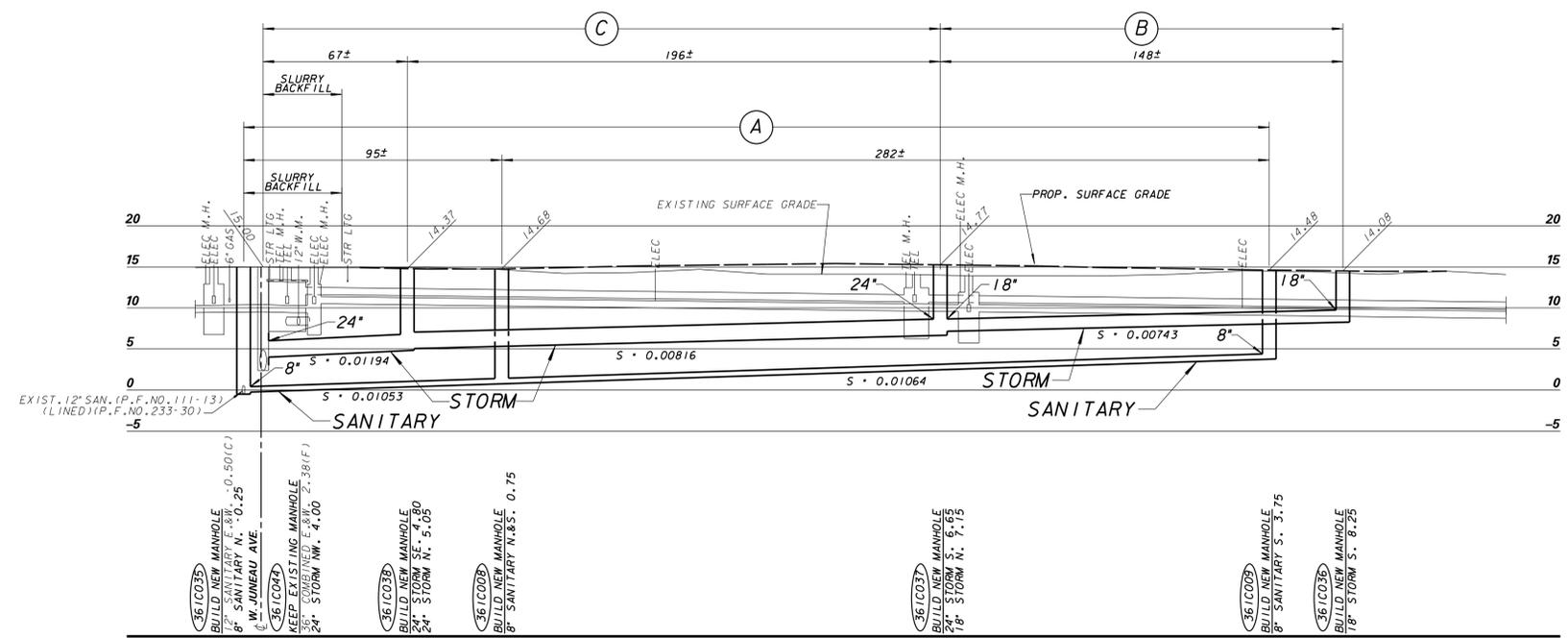
THE CONTRACTOR SHALL COORDINATE SEWER CONSTRUCTION WORK WITH WE ENERGIES DURING CONSTRUCTION. ANY ALTERATION OR MODIFICATION OF THE WE ENERGIES FACILITIES REQUIRED DURING SEWER CONSTRUCTION WORK, WITHIN THE PROJECT LIMITS, SHALL BE PERFORMED BY THE WE ENERGIES CREW AT THEIR EXPENSE.

ANY DAMAGE TO THE WE ENERGIES FACILITIES DUE TO THE CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE RESPECTIVE DIAMETER SEWER, CLASS "C" BEDDING.

THERE ARE ACTIVE AT&T FACILITIES IN NORTH 5TH STREET AND WEST JUNEAU AVENUE. THE CONTRACTOR SHALL CONTACT MR. TONY EHANEY AT AT&T, 414-535-7437, AND JAY BULANEK 414-491-2855, AT LEAST 5 WORKING DAYS PRIOR TO START OF SEWER CONSTRUCTION WORK. THE CONTRACTOR SHALL REQUEST AN AT&T INSPECTOR TO PROVIDE PROPER PROCEDURES TO PROTECT AND SUPPORT THE AT&T FACILITIES, AS NEEDED.

THE CONTRACTOR SHALL COORDINATE SEWER CONSTRUCTION WORK WITH AT&T DURING CONSTRUCTION. ANY ALTERATION OR MODIFICATION OF THE AT&T FACILITIES REQUIRED DURING SEWER CONSTRUCTION WORK, WITHIN THE PROJECT LIMITS, SHALL BE PERFORMED BY THE AT&T CREW AT THEIR EXPENSE.

ANY DAMAGE TO THE AT&T FACILITIES DUE TO THE CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE RESPECTIVE DIAMETER SEWER, CLASS "C" BEDDING.



SURVEY: BOOK NO. 809, PP. 79  
 BM: HYDRANT ON SE. CORNER OF N. 5TH ST. AND W. JUNEAU AVE. ELEV. 16.92  
 HYDRANT ON SW. CORNER OF N. 5TH ST. AND W. MCKINLEY AVE. ELEV. 17.00

**LINE CODE LEGEND**

LINE CODE	DESCRIPTION	STREET LIGHTING
GAS	SANITARY SEWER	SAN
ELECTRIC	STORM SEWER	STO
TELEPHONE	COMBINED SEWER	CMB
CABLE TELEVISION	SEW. DISTRICT SEWER	MMSD
FIBER OPTICS	WATER MAIN	W
CITY UNDERGROUND CONDUIT	SEWER/WATER 24" & OVER	SEWER

BE ADVISED THAT THIS INFORMATION HEREBY GIVEN TO YOU IS BASED UPON THE BEST AVAILABLE RECORDS. THE EXACT LOCATION IS UNKNOWN FOR ALL UTILITIES SHOWN WITHOUT DIMENSIONS. HOWEVER WE CANNOT GUARANTEE THE CORRECTNESS OR ACCURACY OF THE SAME.

3" ASPHALTIC CONCRETE (1985) ON N. 22' 3" ASPHALTIC CONCRETE ON 9" CONCRETE BASE (1967) VARIABLE THICKNESS ASPHALTIC CONCRETE (1960) ON 3" SHEET ASPHALT (1927) ON N. 1/2 7" SANDSTONE BLOCK ON 6" CONCRETE BASE (1918) 5" 1/2 7" GRANITE BLOCK (1904) ON 5" BRICK ON 7" CONCRETE BASE (1889) TRACK ZONE ACQUIRED BY CITY IN 1956 TRACK ZONE VARIABLE THICKNESS ASPHALTIC CONCRETE (1960) ON CONCRETE PAVEMENT (1927) RAILS AND TIES IN PLACE

SHEET 1 OF 7 IS PLAN FILE NO. 244-9  
 SHEET 2 OF 7 IS PLAN FILE NO. 244-9B  
 SHEET 3 OF 7 IS PLAN FILE NO. 245-86  
 SHEET 4 OF 7 IS PLAN FILE NO. 244-99  
 SHEET 5 OF 7 IS PLAN FILE NO. 244-95  
 SHEET 6 OF 7 IS PLAN FILE NO. 245-31  
 SHEET 7 OF 7 IS PLAN FILE NO. 244-100



CALL DIGGERS HOTLINE 1-800-242-8511  
 TOLL FREE TO OBTAIN LOCATION OF UNDERGROUND BEFORE YOU DIG. WISCONSIN STATUTE 182.0715 REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.

NO.	BY	REVISION	DATE
AS BUILT		CONTRACT NO.	
		DATE ENT'D.	

**ESTIMATE OF QUANTITIES**

ITEM NO.	QUANTITY	DESCRIPTION
10081	377 FT.	8" DIA. SANITARY CLASS "C" BEDDING
20181	148 FT.	18" DIA. STORM CLASS "C" BEDDING
20241	263 FT.	24" DIA. STORM CLASS "C" BEDDING
41400	3	4'-0" DIA. SANITARY MANHOLES
42400	3	4'-0" DIA. STORM MANHOLES
50001	LUMP SUM	BARRICADING
50015	LUMP SUM	EROSION CONTROL
50016	LUMP SUM	SURFACE RESTORATION
50018	40 CU.YDS.	SLURRY BACKFILL
50308	50 SQ.YDS.	4" ASPHALTIC CONCRETE
50316	30 FT.	CONCRETE CURB & GUTTER
50328	100 SQ.FT.	CONCRETE WALK
60002	1115 FT.	SEWER EXAMS BY CCTV-POST CONSTRUCTION

**ENVIRONMENTAL ENGINEERING SECTION**  
**INFRASTRUCTURE SERVICES DIVISION**  
**DEPARTMENT OF PUBLIC WORKS**  
 MILWAUKEE, WISCONSIN

**SEWER MAIN PLAN**

IN FROM TO

**N. 5TH STREET**  
**W. JUNEAU AVENUE**  
**W. MCKINLEY AVENUE**

APPROVED DATE

SCALE HORIZONTAL 1" = 30'  
 VERTICAL 1" = 10'

1/4 SEC. NO. 361,392  
 PLAN DATE 04-12-16  
 DESIGN ENGINEER

DESIGNED BY K.R. DRISCOLL  
 DRAWN BY J.A. WISE  
 CHECKED BY J.J. RADOMSKI  
 SYSTEM NO. 1411.3017  
 ENGINEER IN CHARGE

EASEMENT NO. CITY ENGINEER & SPECIAL DEPUTY COMMISSIONER OF PUBLIC WORKS  
 CONTRACT NO. PROJECT NO. 1 C.C. FILE NO. 151747  
 PROJ. ID. SM495160037 OFF. NOTICE NO. 04-2017 DATE ADOPTED 04-15-16

**SHEET NO. 1 OF 7 PLAN FILE NO. 244-9**