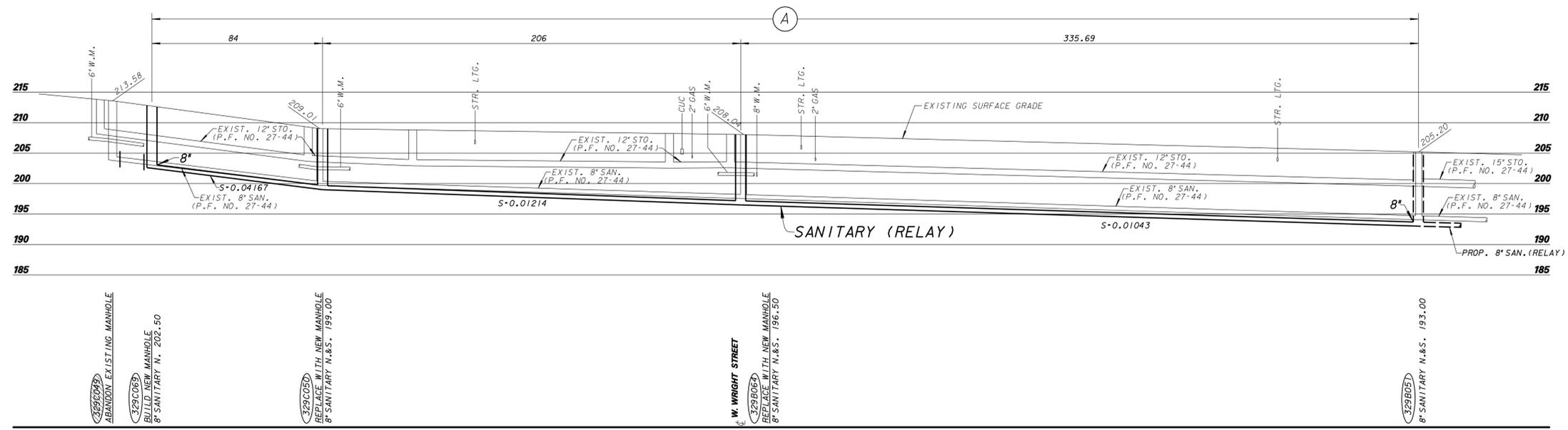


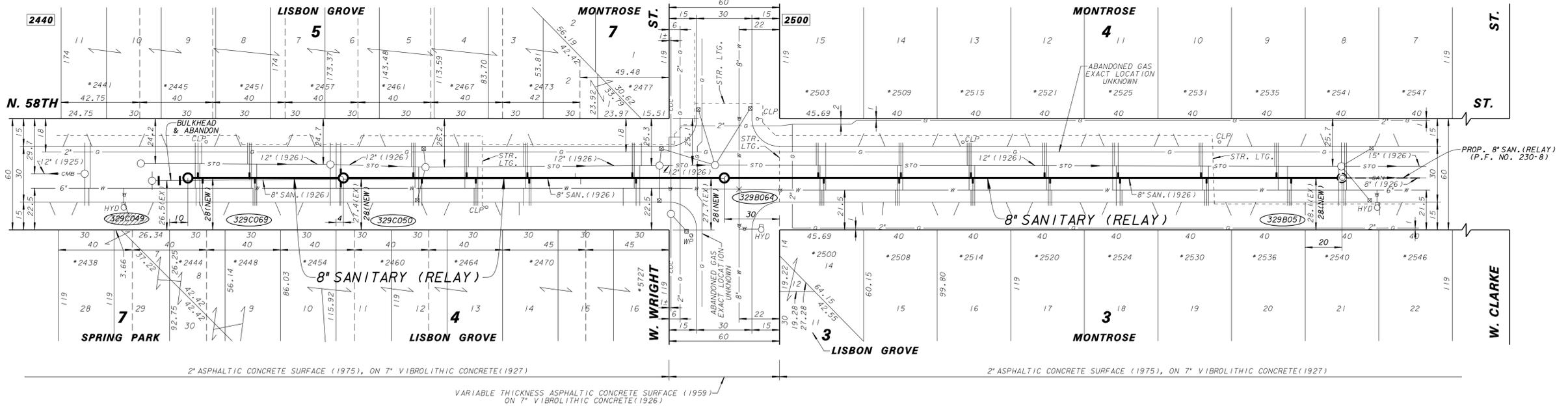
A
 8" SANITARY CLASS "C" BEDDING
 ESCLP OR PVC

SPECIAL PROVISIONS FOR PLAN FILE NUMBER 230-7 AND 230-8 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 WAS APPROVED BY THE MILWAUKEE METROPOLITAN SEWERAGE DISTRICT (MMSD) AND THE DEPARTMENT OF NATURAL RESOURCES (DNR) ON AUGUST 19, 2013.
- THIS PROJECT SHALL BE COMPLETED BY SEPTEMBER 26, 2014. ALL WORK SHALL BE CONTINUOUS AND THE NUMBER OF ALLOWABLE WORKDAYS IS 20 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.
- 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 AT 841 NORTH BROADWAY, ROOM 8110, 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.
- ALL CONNECTIONS FOR BUILDING SEWERS AND DRAINS OF RECORD HAVE BEEN SHOWN ON THE PLAN. ALL ACTIVE BUILDING SEWERS AND DRAINS SHALL BE RECONNECTED TO THE NEW SEWER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT NO ACTIVE BUILDING SEWERS ARE CONNECTED TO THE MAIN SEWERS OR MANHOLES TO BE ABANDONED PRIOR TO THEIR ABANDONMENT. THE CONTRACTOR SHALL CONTACT THE CONSTRUCTION ENGINEER IF ACTIVE BUILDING SEWERS ARE CONNECTED TO ANY PROPOSED SEWER ABANDONMENT.
- ALL BUILDING SEWERS CONNECTIONS INTO AN 8-INCH DIAMETER PVC MAINLINE SEWER SHALL BE MADE WITH A PROPER WYE OR A TEE FITTING. THE CONTRACTOR SHALL NOT BE ALLOWED TO CORE CONNECT ANY BUILDING SEWERS INTO A PVC MAINLINE SEWER OF THE 8-INCH DIAMETER SIZE.
- 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 WEIGHTS IN 2012 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 HOLING, OR TUNNELING UNDER THE EXISTING UTILITIES NECESSARY FOR THE PROPOSED SEWER RELAY SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE 8-INCH DIAMETER SANITARY SEWER RELAY, CLASS "C" BEDDING.
- THE CONTRACTOR SHALL NOT RECONNECT OR REESTABLISH ANY HYDRANT DRAIN CONNECTIONS TO THE PROPOSED SEWER MAIN.



- 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 PRIOR TO STARTING ANY REQUIRED STREET LIGHTING AND TRAFFIC SIGNAL ALTERATIONS WORK. THE CONTRACTOR SHALL PAY THE CITY OF MILWAUKEE (414) 286-2174 FOR ALL NECESSARY STREET LIGHTING ALTERATIONS. THE CONTRACTOR SHALL CONTACT MR. JOSEPH BONDOWSKI AT (414) 286-5162 FOR ALL NECESSARY TRAFFIC SIGNAL ALTERATIONS.
- ANY DAMAGE TO THE CITY-OWNED STREET LIGHTING FACILITIES DUE TO THE CONTRACTOR'S WORK SHALL BE REPAIRED BY THE CITY'S STREET LIGHTING DEPARTMENT AT THE CONTRACTOR'S EXPENSE. ANY DAMAGES SHALL BE REPORTED TO THE STREET LIGHTING SHOP AT (414) 286-3481.
- THE CONTRACTOR SHALL CONTACT MR. JAMES BROWN AT (414) 286-3276 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 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 TO ARRANGE FOR THE REMOVAL OF SIGNS IN THE PROJECT LIMITS AFTER CONSTRUCTION WORK IS COMPLETED.
- THERE ARE EXISTING CITY OF MILWAUKEE TREES WITHIN THE PROJECT LIMITS. NO TREE PRUNING/TRIMMING WORK SHALL BE DONE BY THE SEWER CONTRACTOR. ANY REQUIRED TREE PRUNING OR OTHER FORESTRY WORK ON THIS PROJECT BY ANY COMPANIES MUST BE FIRST APPROVED BY THE FORESTRY DEPARTMENT PRIOR TO ANY FORESTRY WORK TAKING PLACE. THE CONTRACTOR SHALL BE A LICENSED, INSURED, AND CERTIFIED TREE CARE PROFESSIONAL. THIS WORK MUST BE SCHEDULED AT LEAST TEN (10) WORKING DAYS PRIOR TO THE START OF THE SEWER CONSTRUCTION WORK SO THAT TREE PRUNING WORK CAN BE ARRANGED. THE CONTRACTOR SHALL CONTACT MR. MIKE MUNSON, FORESTRY SECTION INSPECTOR, AT (414) 286-3042 REGARDING ALL FORESTRY WORK. THE COST OF ANY POSSIBLE FORESTRY WORK SHALL BE INCLUDED IN THE UNIT PRICE BID OF THE RESPECTIVE SEWER WORK UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL PROVIDE THE CITY WITH TWO (2) COPIES OF A POST-INSTALLATION D/V EXAMINATION AND REPORT OF THE SEWER. 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 CITY, POST-CONSTRUCTION.



- THE CONTRACTOR SHALL MAINTAIN LOCAL TRAFFIC AND ACCESS TO ALL ADJOINING PROPERTIES AT ALL TIMES. ONE (1) ELEVEN (11) FOOT LANE OF TRAFFIC IN EACH SIDE OF WEST LISBON AVENUE SHALL BE MAINTAINED AT ALL TIMES.
- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SUPPLY A TRAFFIC CONTROL PLAN OUTLINE, TRAFFIC FLOW PATTERNS AROUND THE WORK ZONE AND ACCESS TO BUSINESSES AND RESIDENCES TO MR. JAMES BROWN OF THE CITY OF MILWAUKEE TRAFFIC OPERATIONS SECTION, MUNICIPAL BUILDING, ROOM 920, CONTACT MR. JAMES BROWN AT (414) 286-3276 WITH QUESTIONS REGARDING THE TRAFFIC CONTROL PLAN SUBMITTAL.
- PAVEMENT REPLACEMENT NORTH OF WEST CLARKE STREET SHALL CONSIST OF CONCRETE PAVEMENT. PAVEMENT REPLACEMENT WITHIN THE REST OF THE PROJECT LIMITS SHALL CONSIST OF 3-INCH ASPHALTIC CONCRETE PAVEMENT OVER CONCRETE BASE. CONCRETE PAVEMENT REPLACEMENT WITHIN THE INTERSECTION OF WEST LISBON AVENUE AND NORTH 58TH STREET SHALL BE FROM JOINT TO JOINT WHILE ALL PAVEMENT RESTORATION WITHIN THE REST OF THE PROJECT LIMITS SHALL BE LIMITED TO A WIDTH OF THE OUTSIDE DIAMETER OF THE PIPE PLUS FOUR FEET, CENTERED ON THE PROPOSED PIPE.
- WEST LISBON AVENUE IS A MILWAUKEE COUNTY TRANSIT SYSTEM (MCTS) BUS ROUTE. NO CONSTRUCTION EQUIPMENT SHALL BE STORED IN THESE STREETS. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE ANY TRAFFIC DISRUPTIONS CAUSED BY PROPOSED SEWER WORK ON THIS CONTRACT.
- THE CONTRACTOR SHALL PROTECT AND SUPPORT THE EXISTING WATER MAIN. THE CONTRACTOR SHALL PROTECT AND SUPPORT THE EXISTING 36-INCH DIAMETER WATER MAIN WITHIN THE PROJECT LIMITS WITH A TRENCH SHIELD, RAT HOLING, INCLUDING TUNNELING, AND TIGHT SHEETING AND BRACING. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE 8-INCH DIAMETER SANITARY SEWER, CLASS "C" BEDDING.

SURVEY:
 BOOK NO. 794, PP. 92-100
 BM: HYDRANT NE. SIDE OF W. LISBON AVE. AT N. 58TH ST. ELEV. 202.089
 HYDRANT NE. CORNER OF N. 58TH ST. AND W. CLARKE ST. ELEV. 203.729
 HYDRANT N/L #2450 N. 58TH ST. ELEV. 206.427
 HYDRANT NE. CORNER OF N. 58TH ST. AND W. WRIGHT ST. ELEV. 208.369
 HYDRANT N/L #2438 N. 58TH ST. ELEV. 216.045

LINE CODE LEGEND		
GAS	-G-	SANITARY SEWER
ELECTRIC	-E-	STORM SEWER
TELEPHONE	-T-	COMBINED SEWER
CABLE TELEVISION	-TV-	SEW. DISTRICT SEWER
FIBER OPTICS	-FO-	WATER MAIN
CITY UNDERGROUND CONDUIT	-CUC-	SEWER/WATER 24" & OVER

- PAVEMENT REPLACEMENT NORTH OF WEST CLARKE STREET SHALL CONSIST OF CONCRETE PAVEMENT. PAVEMENT REPLACEMENT WITHIN THE REST OF THE PROJECT LIMITS SHALL CONSIST OF 3-INCH ASPHALTIC CONCRETE PAVEMENT OVER CONCRETE BASE. CONCRETE PAVEMENT REPLACEMENT WITHIN THE INTERSECTION OF WEST LISBON AVENUE AND NORTH 58TH STREET SHALL BE FROM JOINT TO JOINT WHILE ALL PAVEMENT RESTORATION WITHIN THE REST OF THE PROJECT LIMITS SHALL BE LIMITED TO A WIDTH OF THE OUTSIDE DIAMETER OF THE PIPE PLUS FOUR FEET, CENTERED ON THE PROPOSED PIPE.
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SHEET NO. 1 OF 12 IS PLAN FILE NO. 234-97
 SHEET NO. 2 OF 12 IS PLAN FILE NO. 231-80
 SHEET NO. 3 OF 12 IS PLAN FILE NO. 234-55
 SHEET NO. 4 OF 12 IS PLAN FILE NO. 232-79
 SHEET NO. 5 OF 12 IS PLAN FILE NO. 232-80
 SHEET NO. 6 OF 12 IS PLAN FILE NO. 232-81
 SHEET NO. 7 OF 12 IS PLAN FILE NO. 234-80
 SHEET NO. 8 OF 12 IS PLAN FILE NO. 231-85
 SHEET NO. 9 OF 12 IS PLAN FILE NO. 231-86
 SHEET NO. 10 OF 12 IS PLAN FILE NO. 231-87
 SHEET NO. 11 OF 12 IS PLAN FILE NO. 230-7
 SHEET NO. 12 OF 12 IS PLAN FILE NO. 230-8



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

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

ESTIMATE OF QUANTITIES		
ITEM NO.	QUANTITY	DESCRIPTION
10081	626 FT.	8" DIA. SANITARY CLASS "C" BEDDING
41400	3	4'-0" DIA. SANITARY MANHOLES WITH INTERNAL MANHOLE SEALS
50001	LUMP SUM	BARRICADING
50015	LUMP SUM	EROSION CONTROL
50020	84 FT.	BUILDING SEWERS
50204	LUMP SUM	BULKHEAD & ABANDON 10"± OF 8" DIA. SANITARY SEWER & 1 SANITARY MANHOLE
50300	840	PAVEMENT DOWELS
50301	1283 FT.	PAVEMENT SAWING
50307	360 SQ. YDS.	3" ASPHALTIC CONCRETE
50309	360 SQ. YDS.	CONCRETE BASE
60002	626 FT.	SEWER EXAMS BY CCTV-POST CONSTRUCTION

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

SEWER MAIN PLAN
N. 58TH STREET
 280'± S. OF W. WRIGHT STREET
 305'± N. OF W. WRIGHT STREET

APPROVED: *Zafar Yousof* 7/22/2013
 DESIGN ENGINEER

IN CHARGE: *Timothy J. Han* 7/22/2013
 ENGINEER IN CHARGE

DESIGNED BY: B. HEARD
 DRAWN BY: R. PEREZ
 CHECKED BY: F. LAVAL

SYSTEM NO. 1361
 EASEMENT NO. CITY ENGINEER & SPECIAL DEPUTY COMMISSIONER OF PUBLIC WORKS
 CONTRACT NO. 1 C.C. FILE NO. 131377
 PROJ. ID. SM495110088 OFF. NOTICE NO. 22-2014 DATE ADDED 2/11/2014

SHEET NO. 11 OF 12 PLAN FILE NO. 230-7