

A	B
8" SANITARY PVC	CLASS "C" BEDDING 12" STORM CLASS "C" BEDDING CLASS IV RCP

SPECIAL PROVISIONS FOR PLAN FILE NUMBERS 231-85, 231-86, AND 231-87 ONLY.

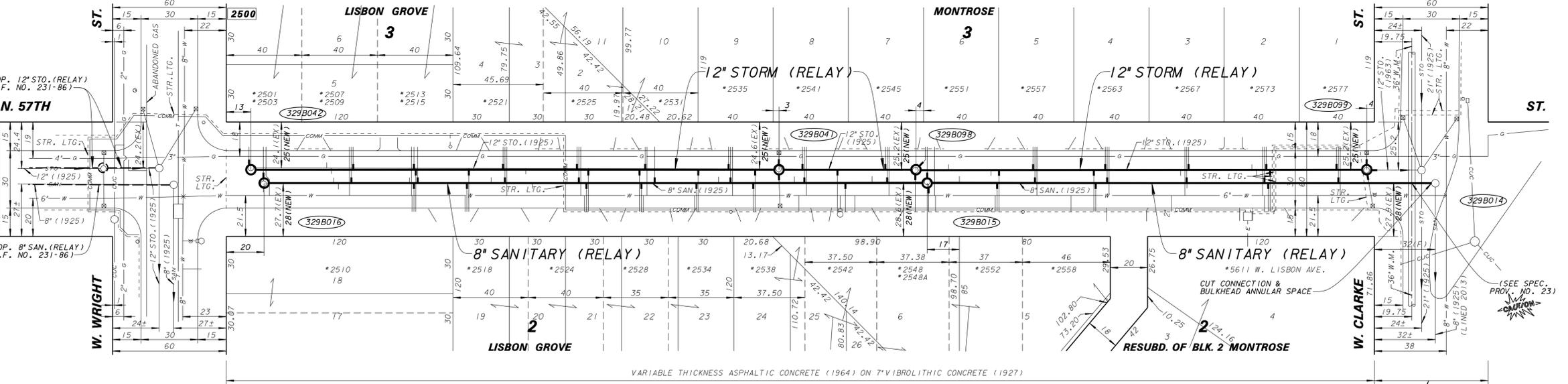
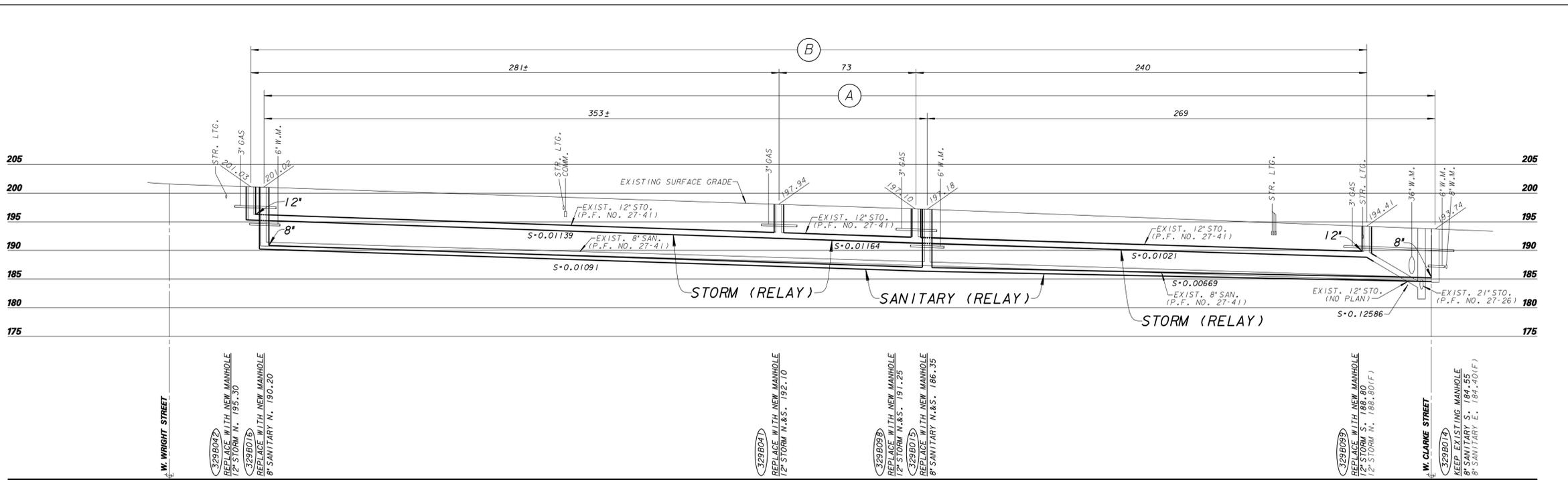
- STANDARD SPECIAL PROVISIONS, PLAN FILE NUMBER 52-4-51, DATED MAY 1, 2013 (OR LATEST REVISION THERE OF), ARE PART OF THIS CONTRACT.
- THIS PROJECT HAS BEEN SUBMITTED TO THE MILWAUKEE METROPOLITAN SEWERAGE DISTRICT (MMSD) AND THE DEPARTMENT OF NATURAL RESOURCES (DNR) FOR APPROVALS. NO WORK SHALL BE PERFORMED ON THIS CONTRACT UNTIL MMSD AND DNR APPROVALS HAVE BEEN OBTAINED. APPROVALS ARE CURRENTLY ANTICIPATED TO BE OBTAINED BY MARCH 21, 2014, HOWEVER THERE IS NO GUARANTEE OF SAME. THE CONSTRUCTION ENGINEER SHALL CONTACT MR. PATRICK COE (MMSD) AT (414) 225-2219 TO CONFIRM THAT THE APPROVALS HAVE BEEN GRANTED.
- THIS PROJECT SHALL BE COMPLETED BY SEPTEMBER 26, 2014. ALL WORK SHALL BE CONTINUOUS AND THE NUMBER OF ALLOWABLE WORKDAYS IS 40 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 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 BUSINESSSES. 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 FIELD VERIFY ALL ACTIVE LATERALS WHICH ONLY RECONNECT LATERALS WHICH ARE FOUND TO BE ACTIVE. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE RESPECTIVE DIAMETER SEWER RELAYS, CLASS "C" BEDDING.
- 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 THE 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 29 OF SECTION 8.43.1 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 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 IS NECESSARY FOR THE PROPOSED SEWER RELAY SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE RESPECTIVE DIAMETER SEWER RELAYS, CLASS "C" BEDDING.
- THE CONTRACTOR SHALL NOT RECONNECT OR REESTABLISH ANY HYDRANT DRAIN CONNECTIONS TO THE PROPOSED SEWER MAIN.
- THE CITY OF MILWAUKEE HAS STREET LIGHTING FACILITIES AND PIPE 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 SHALL BE APPROVED BY THE STREET LIGHTING DEPARTMENT. THE CONTRACTOR SHALL PAY A SERVICE FEE RANGING FROM APPROXIMATELY \$2,200 TO \$4,500 FOR EACH STREET LIGHTING POLE WHERE ALTERATIONS ARE NEEDED; 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 PRIOR TO STARTING ANY REQUIRED STREET LIGHTING AND TRAFFIC SIGNAL ALTERATIONS WORK. THE CONTRACTOR SHALL CONTACT MR. ENG-KIE LEE AT (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 NEGLIGENCE SHALL BE REPAIRED BY THE CITY'S STREET LIGHTING DIVISION AT THE CONTRACTOR'S EXPENSE. ANY DAMAGES SHALL BE REPORTED TO THE STREET LIGHTING SHOP AT (414) 286-3481.
- THE CONTRACTOR SHALL SUPPORT CITY OF MILWAUKEE UNDERGROUND CONDUIT (CUC) FACILITIES WITH WOODEN BEAMS OR EQUAL SUPPORTS. THE CONTRACTOR SHALL USE EXTREME CAUTION AND TAKE THE NECESSARY PRECAUTIONS TO AVOID DAMAGING THE CUC FACILITIES. THE CONDUIT CONTAINS VITAL COMMUNICATIONS CABLES THAT MUST REMAIN IN SERVICE THROUGHOUT THE CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO CITY OF MILWAUKEE FACILITIES. CONTACT THE CITY DISPATCHER AT (414) 286-3481 IMMEDIATELY IF DAMAGE OCCURS.
- THERE ARE VARIOUS OVERHEAD WIRES WITHIN THE PROJECT LIMITS THAT MAY REQUIRE TEMPORARY RELOCATIONS. THE COST OF ANY RELOCATION OF OVERHEAD UTILITIES SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE RESPECTIVE DIAMETER SEWER RELAY, CLASS "C" BEDDING.
- 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 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.
- ALL SIGNS USED FOR TRAFFIC CONTROL SHALL MEET THE NEW NATIONAL REQUIREMENTS FOR SIGN RETROREFLECTIVITY STANDARDS.

SURVEY:
BOOK NO. 796, PP. 139-148
BM1 HYDRANT ON NE CORNER OF N. 57TH ST. AND W. NORTH AVE. ELEV. 184.08
HYDRANT ON NE CORNER OF N. 57TH ST. AND W. MEINCKE AVE. ELEV. 201.40
*2548 N. 57TH ST. NORTH END 1ST CONC. RISER ELEV. 197.54

LINE CODE LEGEND

GAS	— G —	SANITARY SEWER	— SAN —	STREET LIGHTING	— X — X — X —
ELECTRICAL	— E —	COMBINED SEWER	— STO —	PAVING LIMITS	— S — S — S —
TELEPHONE	— T —	SEW. DISTRICT SEWER	— MMSD —	STRUCTURE/BUILDING	— B — B — B —
CABLE TELEVISION	— TV —	WATER MAIN	— W —	FENCE	— F — F — F —
FIBER OPTICS	— FO —	SEWER/WATER 24" & OVER	— W/O —	HYDRANT	— H — H — H —
CITY UNDERGROUND CONDUIT	— CUC —			ALUMINUM POLE	— A — A — A —
				CONCRETE POLE	— C — C — C —
				WOOD POLE	— W — W — W —

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.



18. 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.

19. 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.

20. THE CONTRACTOR SHALL PROVIDE THE CITY WITH TWO (2) COPIES OF A POST-INSTALLATION DVD 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 CCTV, POST-CONSTRUCTION.

21. THE PAVEMENT REPLACEMENT SHALL CONSIST OF THE 3-INCH ASPHALTIC CONCRETE PAVEMENT OVER CONCRETE BASE. ALL PAVEMENT RESTORATION SHALL BE LIMITED TO A WIDTH OF 11 FEET.

22. WEST LISBON AVENUE AND WEST NORTH AVENUE ARE MILWAUKEE COUNTY TRANSIT SYSTEM (MCTS) BUS ROUTES. 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.

23. THE PROPOSED 8-INCH DIAMETER SANITARY RELAY CROSSES BELOW A 36-INCH DIAMETER CONCRETE WATER MAIN IN THE INTERSECTION OF NORTH 57TH STREET AND WEST CLARKE STREET. EXTREME CAUTION SHALL BE USED WHEN EXCAVATING NEAR THE 36-INCH WATER MAIN. THE CONTRACTOR SHALL REQUEST THE 36-INCH WATER MAIN BE THROTTLED OR DE-ENERGIZED DURING SEWER CONSTRUCTION BY CONTACTING JAY LLOYD OF MILWAUKEE WATER WORKS (MWW) DISTRIBUTION AT (414) 708-9012. SCHEDULING OF THE THROTTLING WILL BE AT THE DISCRETION OF MWW.

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. 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.		ENT'D. BY	

ESTIMATE OF QUANTITIES

ITEM NO.	QUANTITY	DESCRIPTION
10081	622 FT.	8" DIA. SANITARY CLASS "C" BEDDING
20121	594 FT.	12" DIA. STORM CLASS "C" BEDDING
41400	2	4'-0" DIA. SANITARY MANHOLES
42400	4	WINTERMAN MANHOLE SEALS
50000	168 FT.	4'-0" DIA. STORM MANHOLES
50001	LUMP SUM	BARRICADING
50015	LUMP SUM	EROSION CONTROL
50300	850	PAVEMENT DOWELS
50301	1300 FT.	PAVEMENT SAWING
50307	780 SQ. YDS.	3" ASPHALTIC CONCRETE
50309	780 SQ. YDS.	CONCRETE BASE
60002	1650 FT.	SEWER EXAMS BY CCTV POST-CONSTRUCTION

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

SEWER MAIN PLAN
N. 57TH STREET
W. WRIGHT STREET
W. CLARKE STREET

APPROVED: *Zafar Yousof* 1/22/2014
DESIGN ENGINEER

IN CHARGE: *Timothy J. Han* 1/22/2014
ENGINEER IN CHARGE

DESIGNED BY: Z. STIRE
DRAWN BY: R. PEREZ
CHECKED BY: R.C. TALLY
SYSTEM NO. 1361,2248

EASEMENT NO. CITY ENGINEER & SPECIAL DEPUTY COMMISSIONER OF PUBLIC WORKS
CONTRACT NO. PROJECT NO. 1 C.C. FILE NO. 131377
PROJ. ID. SM495120078 OFF. NOTICE NO. 22-2014 DATE ADOPED 1/29/2014

SHEET NO. 10 OF 12 PLAN FILE NO. 231-87