

A		B	
12" COMBINED CLASS 'C' BEDDING	15" COMBINED CLASS 'C' BEDDING	12" COMBINED CLASS 'C' BEDDING	15" COMBINED CLASS 'C' BEDDING
CLASS IV RCP OR PVC			

SPECIAL PROVISIONS FOR PLAN FILE NUMBER 231-80 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 JANUARY 10, 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 25 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 BUSINESSES. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL NOTICES ARE CONVEYED TO THE PUBLIC REGARDING THE 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 OF RECORD HAVE BEEN SHOWN ON THE PLAN. ALL ACTIVE BUILDING SEWERS 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.
- 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 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 HOLLING, OR TUNNELING UNDER THE EXISTING UTILITIES NECESSARY FOR THE PROPOSED SEWER RELAY SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE RESPECTIVE DIAMETER COMBINED SEWER RELAY, CLASS 'C' BEDDING.
- THE CONTRACTOR SHALL NOT RECONNECT OR REESTABLISH ANY HYDRANT DRAIN CONNECTIONS TO THE PROPOSED SEWER MAIN.
- WEST LLOYD STREET IS A TRACK ZONE AREA. RAILS AND TIES WHICH INTERFERE WITH NORMAL SEWER CONSTRUCTION SHALL BE REMOVED AND WILL BECOME THE PROPERTY OF THE CONTRACTOR. ANY COST ASSOCIATED WITH THE RAILS AND TIES REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE RESPECTIVE DIAMETER COMBINED SEWER RELAY, CLASS 'C' BEDDING.
- THE CITY OF MILWAUKEE HAS STREET LIGHTING FACILITIES AND POWER 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 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 DEPARTMENT AT THE CONTRACTOR'S EXPENSE. ANY DAMAGES SHALL BE REPORTED TO THE STREET LIGHTING SHOP AT (414) 286-3481.

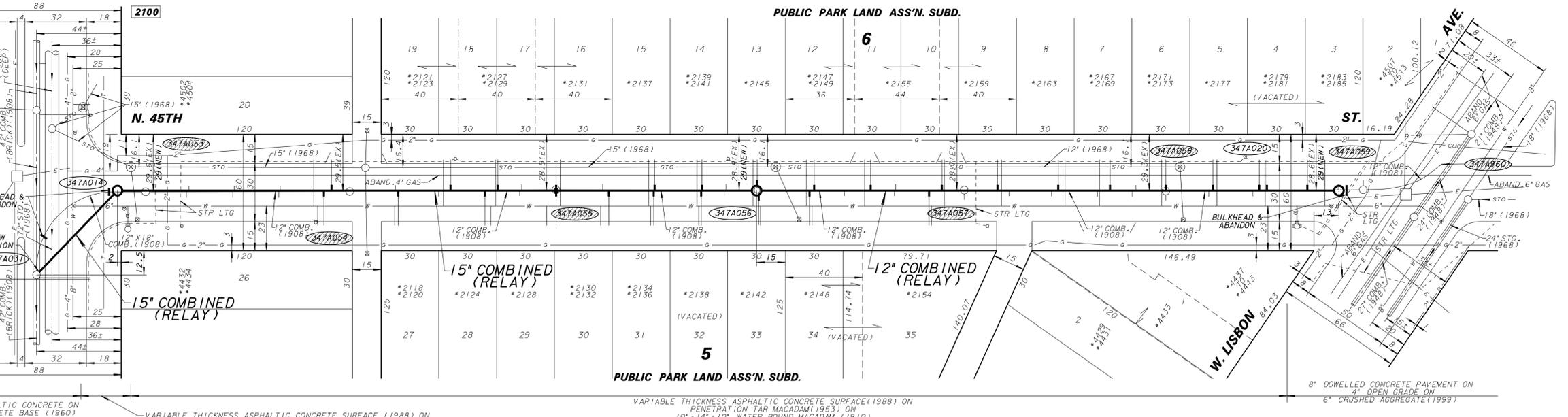
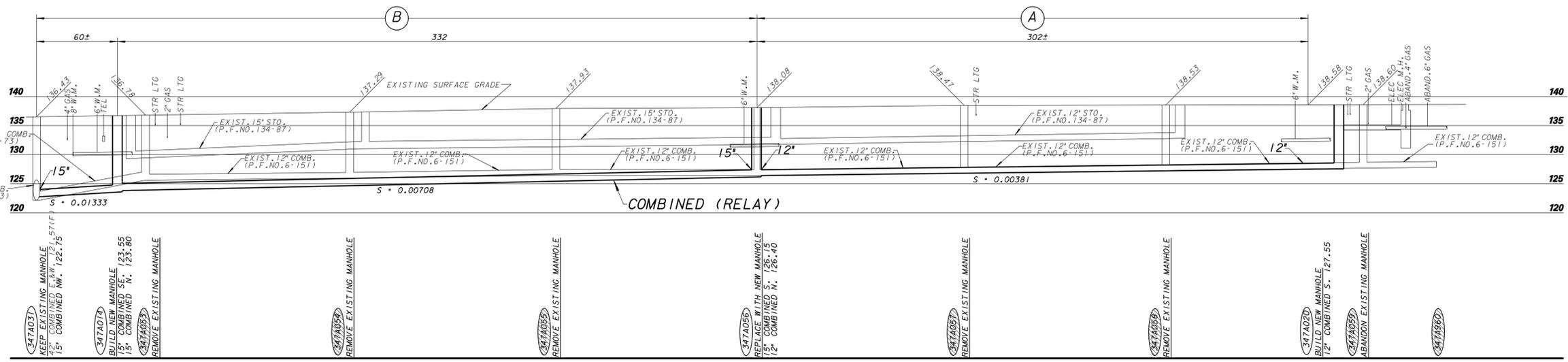
- THERE ARE VARIOUS OVERHEAD WIRES WITHIN THE PROJECT LIMITS THAT MAY REQUIRE TEMPORARY RELOCATIONS. THE COST OF ANY RELOCATION OF OVERHEAD UTILITIES SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE RESPECTIVE DIAMETER COMBINED SEWER RELAY, CLASS 'C' BEDDING.
- NORTH 45TH STREET IS A ONE WAY STREET WITH SOUTHBOUND TRAFFIC. THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE 11-FOOT LANE OF TRAFFIC IN NORTH 45TH STREET AT ALL TIMES DURING BOTH WORKING AND NON-WORKING HOURS THROUGHOUT THE PROJECT LIMITS. 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.
- 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.

SURVEY:  
BOOK NO. 796, PP. 107-111  
BM# HYDRANT ON NE. CORNER OF N. 45TH ST. AND W. LLOYD ST. ELEV. 137.68  
\*2155 N. 45TH ST. SOUTH END 1ST CONC. RISER ELEV. 138.84

LINE CODE LEGEND		
GAS	SANITARY SEWER	STREET LIGHTING
ELECTRIC	STORM SEWER	PAVING LIMITS
TELEPHONE	COMBINED SEWER	STRUCTURE/BUILDING
CABLE TELEVISION	SEW. DISTRICT SEWER	FENCE
FIBER OPTICS	WATER MAIN	HYDRANT
CITY UNDERGROUND CONDUIT	SEWER/WATER 24" & OVER	ALUMINUM POLE
		CONCRETE POLE
		WOOD POLE

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.

- 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 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.
- 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 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 THIS STREET. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE ANY TRAFFIC DISRUPTIONS CAUSED BY PROPOSED SEWER WORK ON THIS CONTRACT. THE CONTRACTOR SHALL NOT IMPEDE TRAFFIC ON WEST LISBON AVENUE AT ANY TIME.



ESTIMATE OF QUANTITIES		ENVIRONMENTAL ENGINEERING SECTION	
ITEM NO.	QUANTITY	DESCRIPTION	INFRAStructure SERVICES DIVISION
30121	302 FT.	12" DIA. COMBINED CLASS 'C' BEDDING	DEPARTMENT OF PUBLIC WORKS MILWAUKEE, WISCONSIN
30151	392 FT.	15" DIA. COMBINED CLASS 'C' BEDDING	
43400	3	4'-0" DIA. COMBINED MANHOLES	SEWER MAIN PLAN
50000	84 FT.	BUILDING SEWERS AND DRAINS	
50001	LUMP SUM	BARRICADING	IN FROM TO
50015	LUMP SUM	EROSION CONTROL	
50018	30 CU.YDS.	SLURRY BACKFILL	N. 45TH STREET W. LLOYD STREET W. LISBON AVENUE
50200	LUMP SUM	BULKHEAD & ABANDON 110"± OF 12" DIA. COMBINED SEWER & 1 COMBINED MANHOLE	
50300	894	PAVEMENT DOWELS	APPROVED DATE
50301	1405 FT.	PAVEMENT SAWING	
50307	435 SQ.YDS.	3" ASPHALTIC CONCRETE	DESIGNED BY K DRISCOLL DRAWN BY A GLATZEL
50309	435 SQ.YDS.	CONCRETE BASE	
50310	20 SQ.YDS.	CONCRETE PAVEMENT	CHECKED BY F LAVAL
50312	25 SQ.YDS.	3" BITUMINOUS TEMPORARY SURFACE	
60002	952 FT.	SEWER EXAMS BY CCTV-POST CONSTRUCTION	CONTRACT NO. PROJECT NO. 1 C.C. FILE NO. 120702
			PROJ. ID. SM495120063 OFF. NOTICE NO. 22-2014 DATE ADOPED 9/25/12

SHEET NO. 1 OF 12 IS PLAN FILE NO. 231-80  
SHEET NO. 2 OF 12 IS PLAN FILE NO. 231-80  
SHEET NO. 3 OF 12 IS PLAN FILE NO. 231-80  
SHEET NO. 4 OF 12 IS PLAN FILE NO. 231-80  
SHEET NO. 5 OF 12 IS PLAN FILE NO. 231-80  
SHEET NO. 6 OF 12 IS PLAN FILE NO. 231-80  
SHEET NO. 7 OF 12 IS PLAN FILE NO. 231-80  
SHEET NO. 8 OF 12 IS PLAN FILE NO. 231-80  
SHEET NO. 9 OF 12 IS PLAN FILE NO. 231-80  
SHEET NO. 10 OF 12 IS PLAN FILE NO. 231-80  
SHEET NO. 11 OF 12 IS PLAN FILE NO. 231-80  
SHEET NO. 12 OF 12 IS PLAN FILE NO. 231-80



CALL DIGGERS HOTLINE 1-800-242-8511  
TOLL FREE TO OBTAIN LOCATION OF UNDERGROUND BEFORE YOU DIG. WISCONSIN STATUTE 182.015 REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.

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