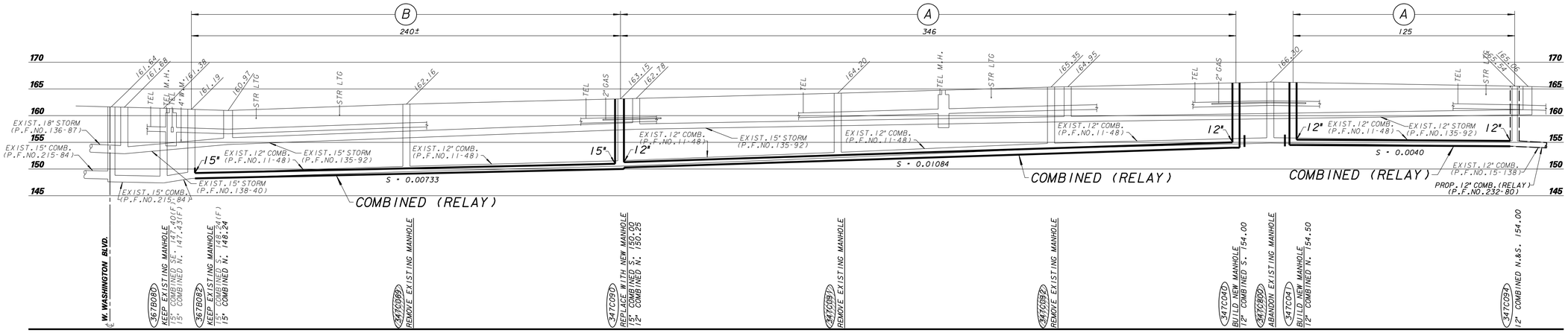
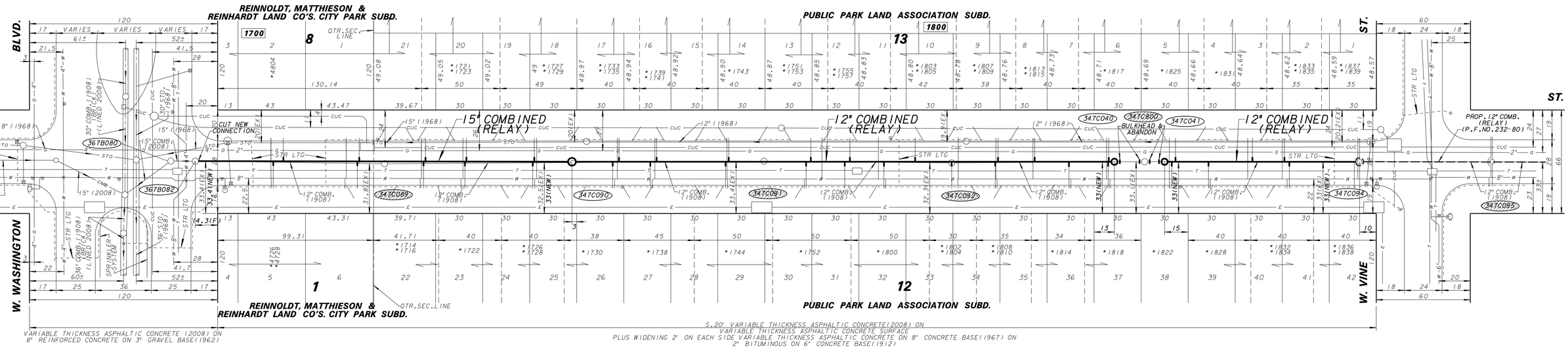
A	B
12" COMBINED CLASS "C" BEDDING CLASS IV RCP OR PVCP	15" COMBINED CLASS "C" BEDDING CLASS IV RCP OR PVCP





SURVEY:
BOOK NO. 797, PP. 177-188

BM: HYDRANT ON NE. CORNER OF N. 48TH ST. AND W. WASHINGTON BLVD. - WNW BOLT	ELEV.	162.57
HYDRANT ON NE. CORNER OF N. 48TH ST. AND W. VINE ST. - WNW BOLT	ELEV.	167.31
HYDRANT ON NE. CORNER OF N. 48TH ST. AND W. LLOYD ST. - WNW BOLT	ELEV.	148.79
HYDRANT ON NE. CORNER OF N. 48TH ST. AND W. GARFIELD AVE. - WNW BOLT	ELEV.	152.63

FOR SPECIAL PROVISIONS SEE PLAN FILE NO. 232-80
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

WISCONSIN
ZAFAR S. YOUSUF
E-30840
MILWAUKEE, WI
PROFESSIONAL ENGINEER

ESTIMATE OF QUANTITIES

ITEM NO.	QUANTITY	DESCRIPTION
30121	471 FT.	12" DIA. COMBINED CLASS "C" BEDDING
30151	240 FT.	15" DIA. COMBINED CLASS "C" BEDDING
43400	3	4'-0" DIA. COMBINED MANHOLES
50000	105 FT.	BUILDING SEWERS AND DRAINS
50001	LUMP SUM	BARRICADING
50015	LUMP SUM	EROSION CONTROL
50202	LUMP SUM	BULKHEAD & ABANDON 28'± OF 12" DIA. COMBINED SEWER & 1 COMBINED MANHOLE
50300	34	PAVEMENT DOWELS
50301	1478 FT.	PAVEMENT SAWING
50303	8 SQ.YDS.	ASPHALTIC PAVEMENT REMOVAL (MILLING)
50304	28 SQ.YDS.	1-1/2" ASPHALTIC CONCRETE - SURFACE
50306	20 SQ.YDS.	1-1/2" ASPHALTIC CONCRETE - BINDER
50308	420 SQ.YDS.	4" ASPHALTIC CONCRETE
50309	20 SQ.YDS.	CONCRETE BASE
60002	726 FT.	SEWER EXAM BY CCTV-POST CONSTRUCTION

LINE CODE LEGEND

GAS	G	SANITARY SEWER	SAN	STREET LIGHTING	
ELECTRIC	E	STORM SEWER	STO	PAVING LIMITS	X X X X
TELEPHONE	T	COMBINED SEWER	CMB	STRUCTURE / BUILDING	
CABLE TELEVISION	TV	SEW.DISTRICT SEWER	MMSD	FENCE	
FIBER OPTICS	FO	WATER MAIN	W	HYDRANT / TRAFFIC SIGNAL	
CITY UNDERGROUND CONDUIT	CUC	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.

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE TO OBTAIN LOCATION OF UNDERGROUND BEFORE YOU DIG. WISCONSIN STATUTE 182.0175 REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

NO.	BY	REVISION	DATE

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

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

SEWER MAIN PLAN

IN **N. 48TH STREET**
FROM **W. WASHINGTON BOULEVARD**
TO **W. VINE STREET**

SCALE	HORIZONTAL 1" = 30' / VERTICAL 1" = 10'	APPROVED	DATE
1/4 SEC. NO.	347,367	Zafar Yousuf	1/17/2014 DESIGN ENGINEER
PLAN DATE	01/07/2014	Timothy J. Thur	1/17/2014 ENGINEER IN CHARGE
DESIGNED BY	B.K.HEARD		
DRAWN BY	A GLATZEL		
CHECKED BY	R.C.TALLY		
SYSTEM NO.	3016		1/17/2014 CITY ENGINEER & SPECIAL DEPUTY COMMISSIONER OF PUBLIC WORKS
EASEMENT NO.			
CONTRACT NO.		PROJECT NO. 1	C.C. FILE NO. 131377
PROJ. ID.	SM495120102	OFF. NOTICE NO. 22-2014	DATE ADOPTED 2-11-14

SHEET NO. 4 OF 12 PLAN FILE NO. 232-79

MMSD _____ SCANNED _____ MICROFILMED _____