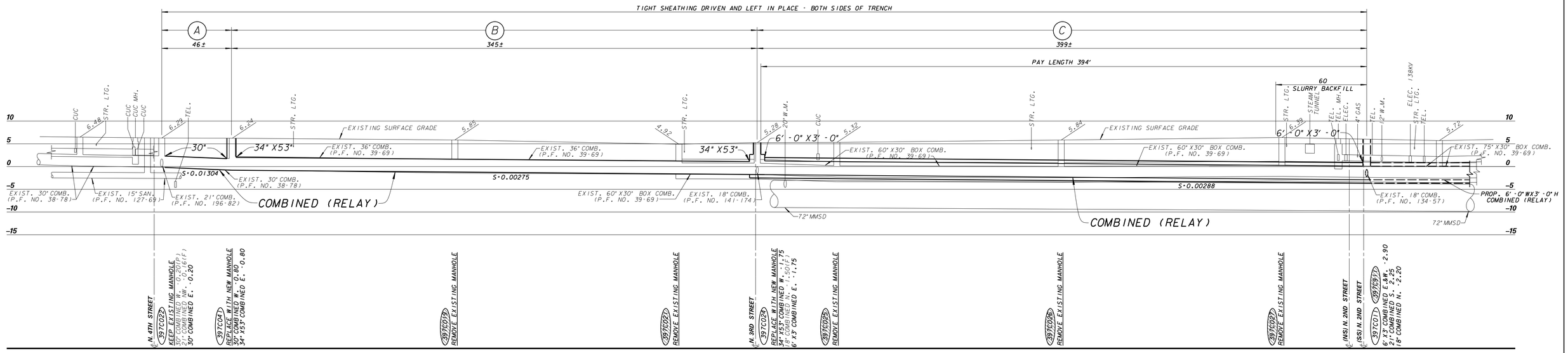
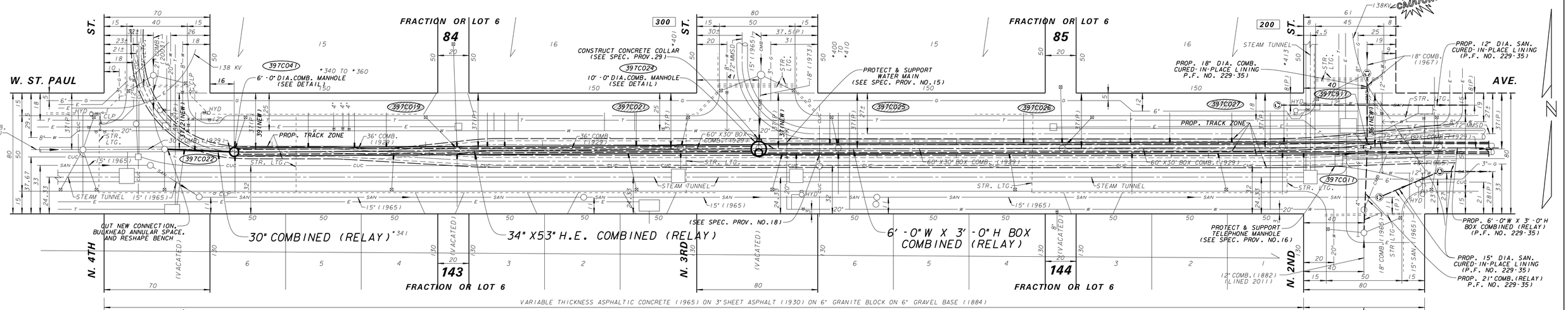
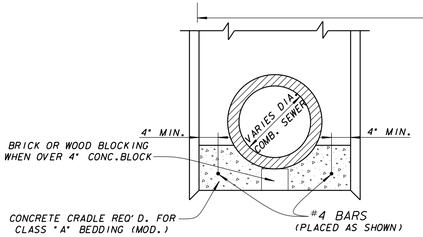
A	B	C
30" COMBINED CLASS V RCP — CLASS "A" BEDDING (MODIFIED)	34"X53" H.E. COMBINED H.E. II — CLASS "A" BEDDING (MODIFIED)	6'-0" X 3'-0" PRECAST BOX COMBINED — CLASS "C" BEDDING





S. (EXCEPT E.-W.) VARIABLE THICKNESS ASPHALTIC CONCRETE (1987) ON N. 17' 9" REINFORCED CONCRETE (1968) VARIABLE THICKNESS ASPHALTIC CONCRETE (1965) ON 3" SHEET ASPHALT (1930) ON 6" GRANITE BLOCK ON 6" CONCRETE BASE (1893)

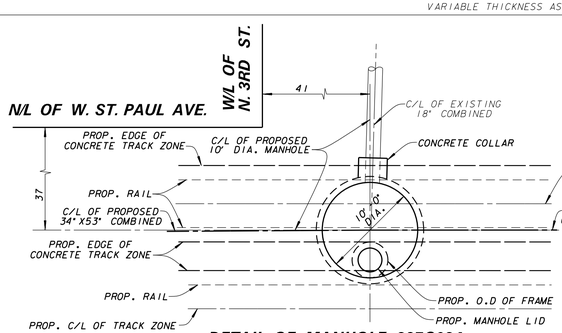
FOR SPECIAL PROVISIONS SEE PLAN FILE NO. 243-74
SHEET 1 OF 4 IS PLAN FILE NO. 229-34
SHEET 2 OF 4 IS PLAN FILE NO. 229-35
SHEET 3 OF 4 IS PLAN FILE NO. 229-36
SHEET 4 OF 4 IS PLAN FILE NO. 243-74



TYPICAL SECTION CLASS "A" BEDDING (MODIFIED)

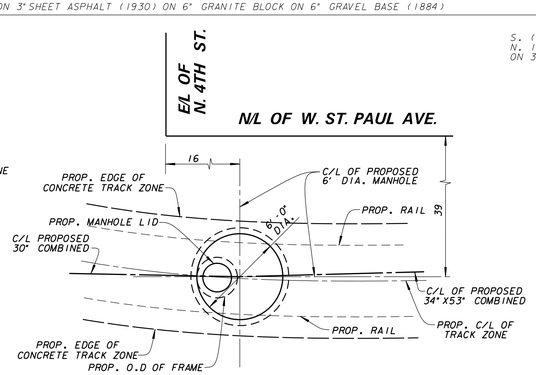
SCALE: N.T.S.

(APPLIES TO BOTH BELL AND SPIGOT AND TONGUE AND GROOVE TYPE OF PIPE)



DETAIL OF MANHOLE 397C024

NOT TO SCALE



DETAIL OF MANHOLE 397C041

NOT TO SCALE

SURVEY:
BOOK NO. 794, PP. 2-4
BM.: SEE CONSULTANT'S PLAN FOR BENCHMARK (V:\pwelib\sewer\trolly.dgn)

LINE CODE LEGEND

GAS — G	SANITARY SEWER — SAN	STREET LIGHTING
ELECTRIC — E	STORM SEWER — STO	PAVING LIMITS
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.

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

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

ESTIMATE OF QUANTITIES

ITEM NO.	QUANTITY	DESCRIPTION
30306	46 FT.	30" DIA. COMBINED CL. "A" BEDDING (MOD.)
31090	394 FT.	6'-0" X3'-0" COMBINED PRECAST BOX SEWER CLASS "C" BEDDING
35423	345 FT.	34" X53" H.E. COMBINED CLASS "A" BEDDING (MODIFIED)
43600	1	6'-0" DIA. COMBINED MANHOLE
43807	1	10'-0" DIA. COMBINED MANHOLE
50000	108 FT.	BUILDING SEWERS & DRAINS
50001	LUMP SUM	BARRICADING
50015	LUMP SUM	EROSION CONTROL
50018	160 CU. YDS.	SLURRY BACKFILL
50076	1	CONCRETE COLLAR
50116	790 FT.	TIGHT SHEATHING DRIVEN & LEFT IN PLACE - BOTH SIDES OF TRENCH
50300	810	PAVEMENT DOWELS
50301	1620 FT.	PAVEMENT SAWING
50307	1050 SQ. YDS	3" ASPHALTIC CONCRETE
50309	1050 SQ. YDS	CONCRETE BASE
50312	500 SQ. YDS.	3" BITUMINOUS TEMPORARY SURFACE
60002	845 FT.	SEWER EXAMS BY CCTV-POST CONSTRUCTION

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

SEWER MAIN PLAN

IN **W. ST. PAUL AVENUE**
FROM N. 2ND STREET
TO N. 4TH STREET

SCALE HORIZONTAL 1" = 30' VERTICAL 1" = 10'	APPROVED Zafar Yousuf	DATE 02-29-2016 DESIGN ENGINEER	
1/4 SEC. NO. 397	Timothy J. Thur	02-29-2016 ENGINEER IN CHARGE	
PLAN DATE 2/9/2016			
DESIGNED BY J. BARMAN			
DRAWN BY R. PEREZ			
CHECKED BY J. RADOMSKI		02-29-2016 CITY ENGINEER & SPECIAL DEPUTY COMMISSIONER OF PUBLIC WORKS	
SYSTEM NO. 3049			
EASEMENT NO.			
CONTRACT NO.	PROJECT NO. 1	C.C. FILE NO. 151522	
PROJ. ID. SM495110305	OFF. NOTICE NO. 35-2016	DATE ADOPTED 3-1-2016	

SHEET NO. 3 OF 4 PLAN FILE NO. 229-36

MMSD _____ SCANNED _____ MICROFILMED _____