ESTIMATE OF QUANTITIES

FOR BIDDING

FURNISH PIPE AND INSTALL

(DUCTILE IRON PUSH-ON RUBBER GASKET JOINT)

447 FT. - 8" WATER MAIN
11 FT. - 6" HYDRANT BRANCH

INSTALL

1 - HYDRANT

REMOVE

1 - HYDRANT / MINOR

SERVICES

14 - CONNECT ORIGINAL SERVICE (C.O.S.)
(TAPS BY CONTRACTOR - SEE C.O.S. NOTE)

PERMANENT PAVEMENT

240 SQ. YDS. - 8" CONCRETE

CURB AND GUTTER

6 LIN. FT. - CONCRETE

FURNISH AND INSTALL DOWEL BARS

460 BARS

BARRICADES AND TRAFFIC CONTROL

LUMP SUM

SAWCUTTING

920 LIN. FT. - IN CONCRETE (FULL DEPTH)

FINISHING OF ROADWAY

LUMP SUM

FURNISH, INSTALL, AND MAINTAIN EROSION CONTROL

LUMP SUM

305 CU. YDS. EXCESS EXCAVATED MATERIAL

FOLLOWING IS A LIST OF THE FITTINGS SHOWN ON THIS CONSTRUCTION PLAN THAT WILL BE PROVIDED BY THE CITY.

1 - AT 8x6
2 - BB-45
1 - V8
1 - V6
2 - VB-D
1 - H (6.5)
1 - SL8

14 - 1" CORPORATION STOP

PAVEMENT TYPE

EXISTING PAVEMENT IN S. 78TH ST., INCLUDING W. VERONA CT., IS 7" (1962) CONCRETE - PLAIN

S. 78TH ST. IS ON THE 2012 PAVING PROGRAM.

ABANDONMENT OF WATER MAINS, VALVES, AND HYDRANT BRANCHES

446' - 8"-1956-L WATER MAIN

FOR START OF PLAN NOTES SEE W. BRANTING LN., PLAN FILE NO. 2012001.

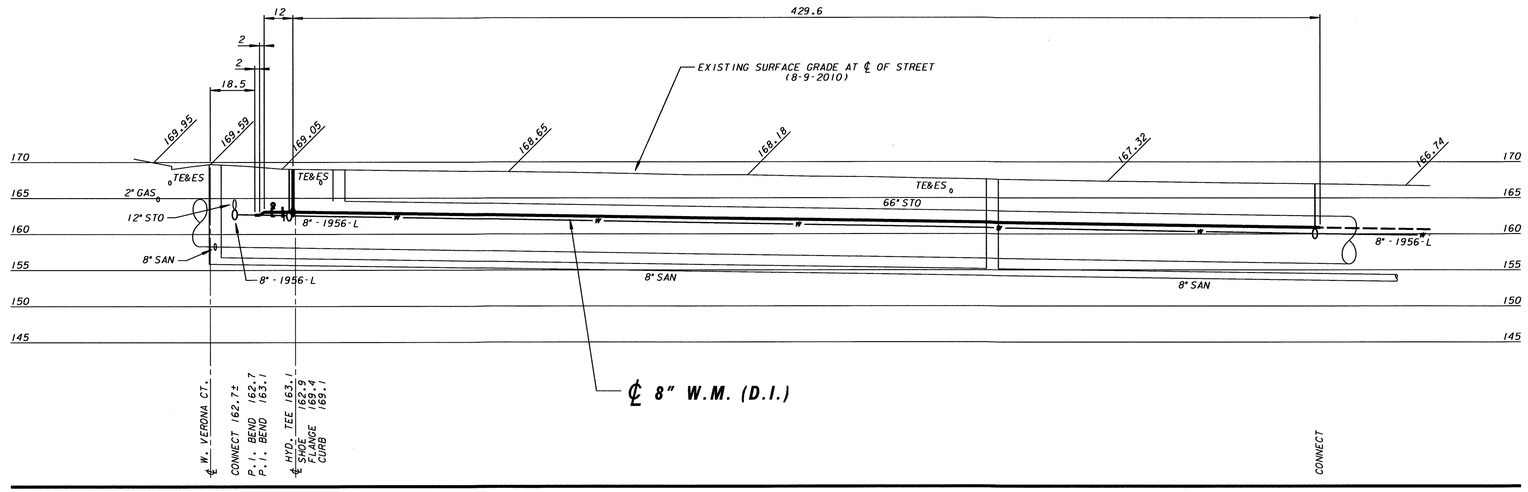
C.O.S. NOTE

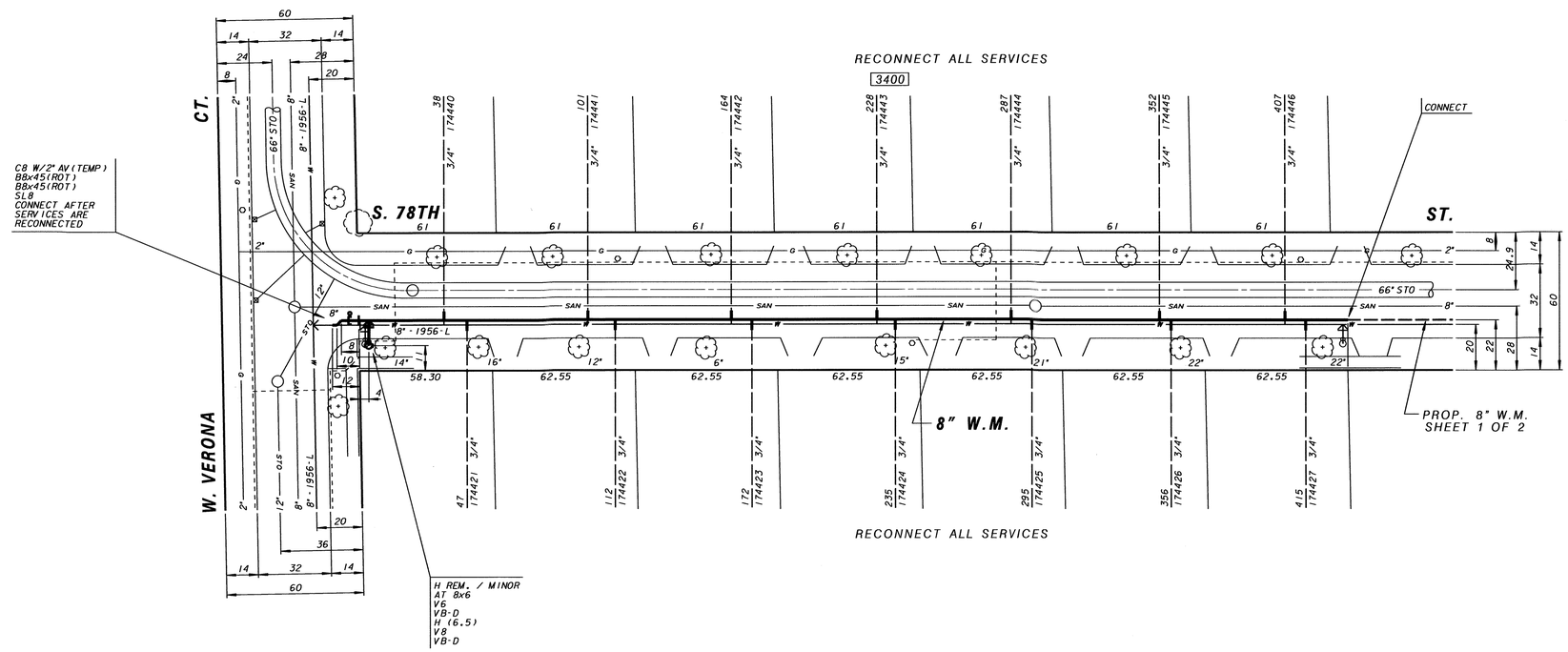
TAPS REQUIRED FOR RE-CONNECTING SERVICES SHALL BE MADE BY THE CONTRACTOR. ALL COSTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CONNECT ORIGINAL SERVICE.

BENCHMARKS

S.W CORNER OF FIRST CONCRETE RISER AT STOOP @ 3376 S. 78TH ST.
ELEVATION 169.266

N.E. CORNER OF CONCRETE STOOP @ 3345 S. 78TH ST.
ELEVATION 168.77





MARK J. SCHLLER
E-22034
MILWAUKEE, WI
WISCONSIN PROFESSIONAL ENGINEER

PLAN LINE & UTILITY LEGEND

GAS	G	SANITARY SEWER	SAN	STREET LIGHTING	
ELECTRIC	E	STORM SEWER	STO	CITY UNDERGROUND CONDUIT	CUC
TELEPHONE	T	COMBINED SEWER	CMB	PROPOSED CURB / PVMT	
CABLE TELEVISION	TV	WATER MAIN	W	PAVING LIMITS	X X X X
FIBER OPTICS	FO	WATER SERVICE		STRUCTURE / BUILDING	
PROPOSED UTILITY		PRESSURE DISTRICT		FENCE	x

POWER POLES ○-CONCRETE ○-ALUMINUM ○-WOOD WATER MAIN VALVES -GATE -BUTTERFLY W-SERVICE

UTILITIES ▣-TRAFFIC SIGNAL ▣-TRAFFIC CONTROL BOX G-GAS VALVE HYDRANTS -1 NOZZLE -3 NOZZLE

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

Milwaukee Water Works — Water Engineering, Department of Public Works

WATER MAIN

IN S. 78TH ST
FROM W. OHIO AVE.
TO W. VERONA CT.

		APPROVED	DATE
SCALE HORIZONTAL	1" = 30'		
SCALE VERTICAL	1" = 10'		1-19-12 MAINS DESIGN ENGINEER
IN SEC. NO.	527		
PLAN DATE	10-5-10		1-19-12 CHIEF DESIGN ENGINEER
DRAWN BY	S. MILLER		1/19/12 SPECIAL DEPUTY COMMISSIONER OF PUBLIC WORKS
CHECKED BY	P.W.P.		
SURVEY BY	CONST. SECTION		

PROGRAM NO.	2011-005	CONTRACT NO.	C.C. FILE NO. 101173
WORK ORDER	WT410110005	O.W. & PROJECT NO. 12-20-1	DATE ADOPTED 2-8-11

SHEET NO. 2 OF 2 PLAN FILE NO. 2012004