WATER MAIN FITTINGS (RJT)

WM-FB1
20" x 12" REDUCER

WM-FB2
12" x 8" REDUCER

WM-FB3
8" x 6" TEE

WM-FB4
8" - 45° BEND

WM-FB5
8" - 45° BEND

WM-FB6
8" - 22 1/2° BEND

WM-FB7
8" - 22 1/2° BEND

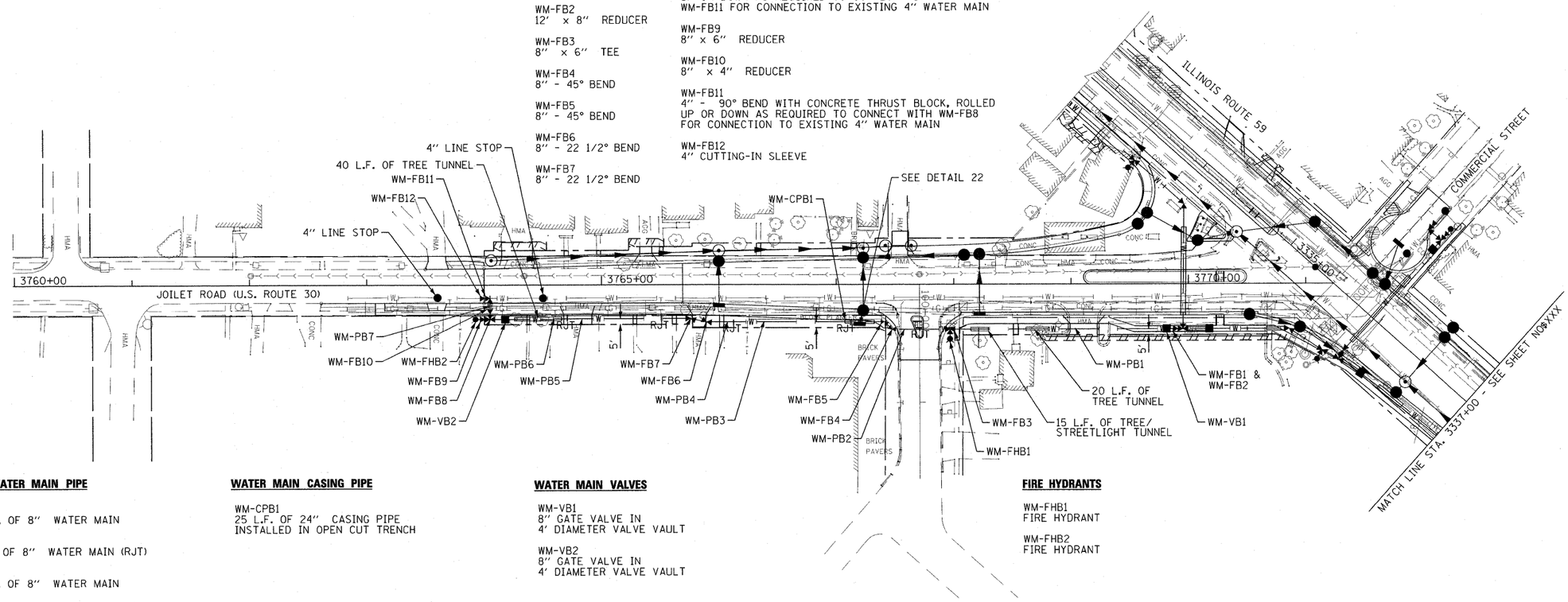
WM-FB8
8" x 8" TEE WITH CONCRETE THRUST BLOCK, ROLLED UP OR DOWN AS REQUIRED TO CONNECT WITH WM-FB11 FOR CONNECTION TO EXISTING 4" WATER MAIN

WM-FB9
8" x 6" REDUCER

WM-FB10
8" x 4" REDUCER

WM-FB11
4" - 90° BEND WITH CONCRETE THRUST BLOCK, ROLLED UP OR DOWN AS REQUIRED TO CONNECT WITH WM-FB8 FOR CONNECTION TO EXISTING 4" WATER MAIN

WM-FB12
4" CUTTING-IN SLEEVE



WATER MAIN PIPE

WM-PB1
225 L.F. OF 8" WATER MAIN

WM-PB2
60 L.F. OF 8" WATER MAIN (RJT)

WM-PB3
100 L.F. OF 8" WATER MAIN

WM-PB4
65 L.F. OF 8" WATER MAIN (RJT)

WM-PB5
85 L.F. OF 8" WATER MAIN

WM-PB6
80 L.F. OF 8" WATER MAIN (RJT)

WM-PB7
15 L.F. OF 4" WATER MAIN (RJT)

WATER MAIN CASING PIPE

WM-CPB1
25 L.F. OF 24" CASING PIPE INSTALLED IN OPEN CUT TRENCH

WATER MAIN VALVES

WM-VB1
8" GATE VALVE IN 4' DIAMETER VALVE VAULT

WM-VB2
8" GATE VALVE IN 4' DIAMETER VALVE VAULT

FIRE HYDRANTS

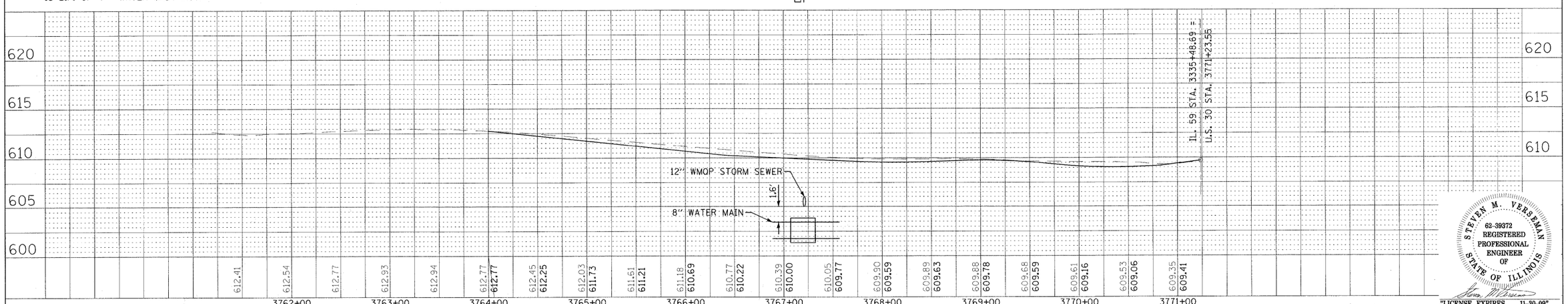
WM-FHB1
FIRE HYDRANT

WM-FHB2
FIRE HYDRANT

DETAIL 22

50 0 50 100
HORIZONTAL SCALE: 1"=50'-0"

5 0 5 10
VERTICAL SCALE: 1"=5'-0"



STEVEN M. VERSEMAN
62-39372
REGISTERED PROFESSIONAL ENGINEER OF
STATE OF ILLINOIS

"LICENSE EXPIRES 11-30-09"

PLAN	
SURVEYED	
PLOTTED	
PLANIMETRIC CHECKED	
RT. OF WAY CHECKED	
CADD FILE NAME	
NOTE BOOK	
NO.	

PROFILE	
SURVEYED	
PLOTTED	
PROFILE CHECKED	
BAL. NOTED	
STRUCTURE NOTATNS CHKD	
NOTE BOOK	
NO.	

FILE NAME =	USER NAME = 560kar	DESIGNED - SMV	REVISED - 10-01-08
n:\pfldv\061256-rt59-water\41-design north section\dgn\plansfield_il rt 59_b&w watermain.dgn		DRAWN - KAR	REVISED -
	PLOT SCALE = 49.9999 ' / IN.	CHECKED - SMV	REVISED -
	PLOT DATE = 1/5/2009	DATE - 06-13-08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOLIET ROAD (U.S. ROUTE 30)
WATER MAIN PLAN AND PROFILE

SCALE: | SHEET NO. 6 OF 8 SHEETS | STA.3760+00 TO STA.3771+23.55

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	113 N-2	WILL	260	121
		CONTRACT NO. 60E73		
FED. ROAD DIST. NO.	ILLINOIS	FAP 338 (IL RTE. 59)		