F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2670	03-00095-00-RS	LAKE	67	35
STA. 37+00	TO STA. 42+50			
FED. ROAD DIST. NO. 1	ILLINOIS	STPM - 8003 (442)		
		CONTRACT NO.: 83784		

(44) STA. 39+76, 39' LT
CB, TYPE C
TYPE 3V F & G
RIM = 683.15
INV = 679.75 (S)

(45) STA. 39+52, 39' LT
CB, TYPE A, 4.0' DIA.
TYPE 3V F & G
RIM = 683.15
INV = 679.25 (N)
INV = 679.25 (SE)

(46) STA. 39+31, 13' LT
CB, TYPE A, 4.0' DIA.
TYPE 3V F & G
RIM = 682.87
INV = 678.25 (NW)
INV = 678.25 (E)

(47) STA. 39+31, 13' RT
CB, TYPE A, 4.0' DIA.
TYPE 3V F & G
RIM = 682.24
INV = 677.50 (W)
INV = 677.50 (NE)

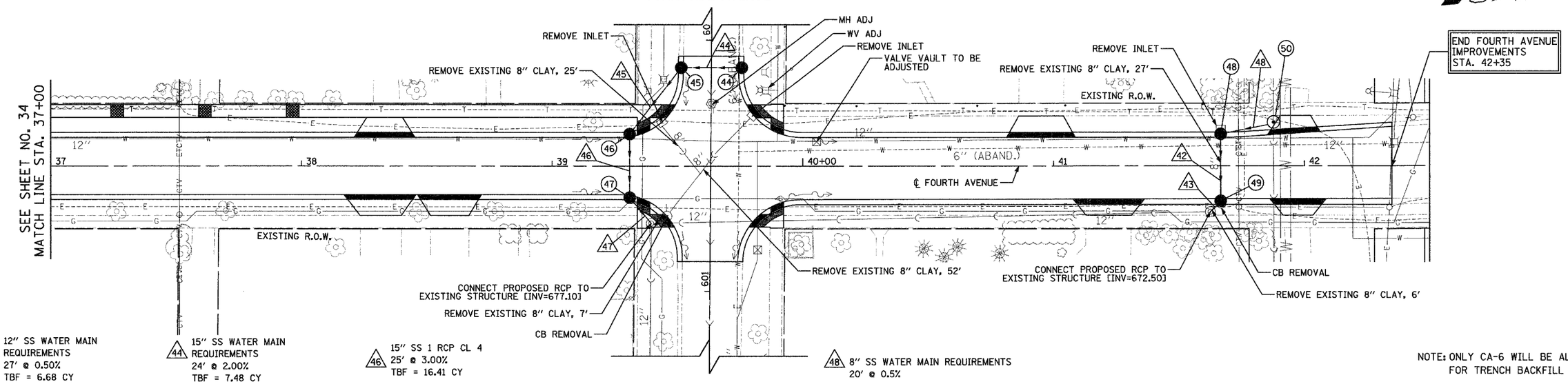
(48) STA. 41+66, 13' LT
CB, TYPE A, 4.0' DIA.
TYPE 3V F & G
RIM = 675.73
INV = 672.70 (E)
INV = 672.70 (N)

(49) STA. 41+66, 14' RT
CB, TYPE A, 4.0' DIA.
TYPE 3V F & G
RIM = 675.33
INV = 672.55 (W)
INV = 672.55 (SE)

(50) STA. 41+77 +/-, 17.5' LT
MH, TYPE A, 5.0' DIA. *
TYPE 1 F, CL
RIM = 675.50
INV = 672.2 +/- (W & E) (EXIST)
INV = 672.80 (S)

*NEED TO VERIFY COVER OVER PIPE PRIOR TO INSTALLATION

SUNNYSIDE AVENUE



SUNNYSIDE AVENUE

△42 12" SS WATER MAIN REQUIREMENTS
27' @ 0.50%
TBF = 6.68 CY

△44 15" SS WATER MAIN REQUIREMENTS
24' @ 2.00%
TBF = 7.48 CY

△46 15" SS 1 RCP CL 4
25' @ 3.00%
TBF = 16.41 CY

△48 8" SS WATER MAIN REQUIREMENTS
20' @ 0.5%

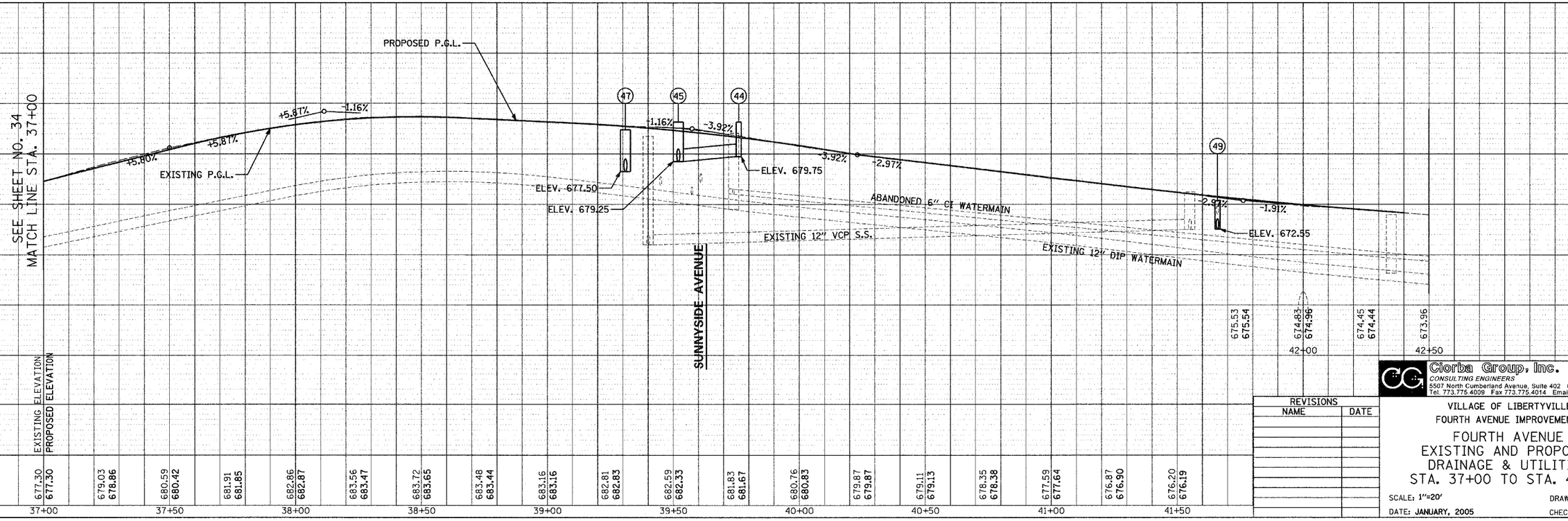
△43 12" SS 1 RCP CL 4
6' @ 0.50%
TBF = 1.40 CY

△45 15" SS 1 RCP CL 4
33' @ 3.00%
TBF = 12.62 CY

△47 15" SS 2 RCP CL 3
13' @ 3.00%
TBF = 8.58 CY

NOTE: ONLY CA-6 WILL BE ALLOWED FOR TRENCH BACKFILL MATERIAL.

FOURTH AVENUE



	37+00	37+50	38+00	38+50	39+00	39+50	40+00	40+50	41+00	41+50	42+00	42+50
EXISTING ELEVATION	677.30	679.03	680.59	681.91	682.86	683.56	683.72	683.48	683.16	682.81	682.59	681.83
PROPOSED ELEVATION	677.30	678.86	680.42	681.85	682.87	683.47	683.65	683.44	683.16	682.83	682.33	681.67
	680.76	679.87	679.11	678.35	677.59	676.87	676.20					
	680.83	679.87	679.13	678.38	677.64	676.90	676.19					
											675.53	674.83	674.45	673.96
											675.54	674.96	674.44	

REVISIONS	
NAME	DATE

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VILLAGE OF LIBERTYVILLE
FOURTH AVENUE IMPROVEMENTS
FOURTH AVENUE
EXISTING AND PROPOSED
DRAINAGE & UTILITIES
STA. 37+00 TO STA. 42+50

SCALE: 1"=20' DRAWN BY: KDM
DATE: JANUARY, 2005 CHECKED BY: MJL/MRJ