F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2670	03-00095-00-RS	LAKE	67	31
STA. 14+00	TO STA. 20+00			
FED. ROAD DIST. NO. 1	ILLINOIS	STPM - 8003 (442)		
		CONTRACT NO.: 83784		

(3) STA. 15+65, 19' LT
CB, TYPE C
TYPE 3V F & G
RIM = 661.55
INV = 659.00 (W)
INV = 658.05 (E)

(4) STA. 15+65, 19' RT
CB, TYPE A, 4.0' DIA.
TYPE 3V F & G
RIM = 661.55
INV = 657.70 (S)(W)
INV = 657.30 (N)

(5) STA. 16+25, 27' RT
CB, TYPE A, 4.0' DIA.
TYPE 8 G
RIM = 659.45
INV = 657.25 (S)

(6) STA. 17+68, 12' LT
CB, TYPE A, 4.0' DIA.
TYPE 3V F&G
RIM = 658.92
INV = 654.16 (N)

(7) NOT USED

(8) STA. 17+78, 11' LT
CB, TYPE A, 4.0' DIA.
TYPE 3V F&G
RIM = 658.72
INV = 653.96 (S)(NW)
INV = 653.76 (E)

(9) STA. 17+78, 13' RT
CB, TYPE A, 4.0' DIA.
TYPE 3V F&G
RIM = 658.67
INV = 653.28 (W&E)
INV = 653.08 (N)

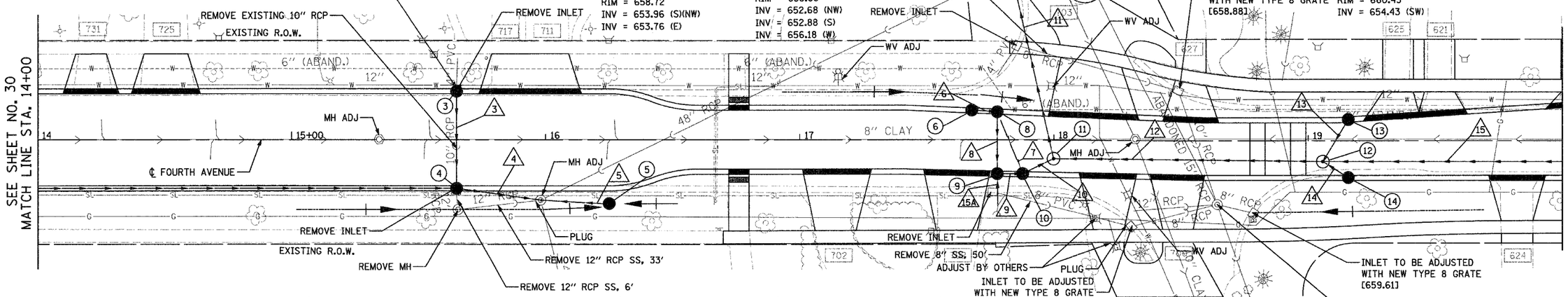
(10) STA. 17+88, 13' RT
CB, TYPE A, 4.0' DIA.
TYPE 3V F&G
RIM = 658.68
INV = 652.68 (NW)
INV = 652.88 (S)
INV = 656.18 (W)

(11) STA. 18+00, 7' RT
MH, TYPE A, 4.0' DIA.
TY 1 F, CL
RIM = 658.88
INV = 651.17 (N)
INV = 652.41 (SE)
INV = 650.33 (W)

(12) STA. 19+06, 8' RT
MH, TYPE A, 4.0' DIA.
TY 1 F, CL
RIM = 660.40
INV = 653.50 (N)
INV = 653.25 (S)
INV = 653.67 (NW)
INV = 654.19 (NE)

(13) STA. 19+16, 8' LT
CB, TYPE A, 4.0' DIA.
TYPE 3V F&G
RIM = 660.05
INV = 654.05 (SE)

(14) STA. 19+16, 14' RT
CB, TYPE A, 4.0' DIA.
TYPE 3V F&G
RIM = 660.43
INV = 654.43 (SW)



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

FOURTH AVENUE

(3) 15" SS 1 RCP CL 4
38' @ 1.0%
TBF = 11.95 CY

(4) 18" SS 2 RCP CL 3
33' @ 2.1%
TBF = 12.33 CY

(5) 15" SS 1 RCP CL 4
25' @ 1.0%
TBF = 5.32 CY

(6) 15" SS 2 RCP CL 3
10' @ 2.0%
TBF = 6.70 CY

(7) PIPE UNDERDRAINS 4"
26' @ 1%
TBF = 4.28 CY

(8) 15" SS 2 RCP CL 3
24' @ 2.0%
TBF = 17.78 CY

(9) 15" SS 2 RCP CL 3
10' @ 2.0%
TBF = 8.30 CY

(10) 15" SS 2 RCP CL 3
13' @ 2.0%
TBF = 11.99 CY

(11) 15" SS WATER MAIN REQUIREMENTS
76' @ 1.0%
TBF = 108.52 CY

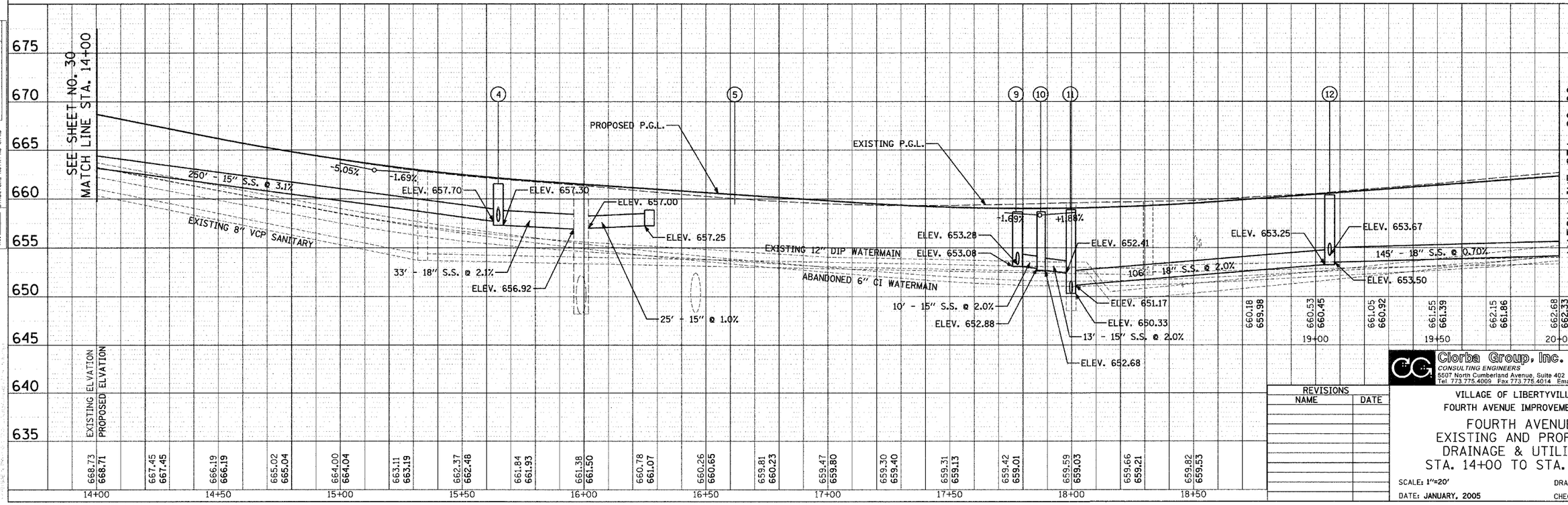
(12) 18" SS 2 RCP CL 3
106' @ 2.0%
TBF = 123.28 CY

(13) 15" SS WATER MAIN REQUIREMENTS
19' @ 2.0%
TBF = 17.95 CY

(14) 15" SS 2 RCP CL 3
12' @ 2.0%
TBF = 10.80 CY

(15) 18" SS 2 RCP CL 3
145' @ 0.70%
TBF = 175.23 CY

(15A) 8" SS CL B 1
12' @ 1.0%
TBF = 1.0 CY



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REVISIONS	
NAME	DATE

VILLAGE OF LIBERTYVILLE
FOURTH AVENUE IMPROVEMENTS

FOURTH AVENUE
EXISTING AND PROPOSED
DRAINAGE & UTILITIES
STA. 14+00 TO STA. 20+00

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

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / DATE
PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK NO. / BY / DATE