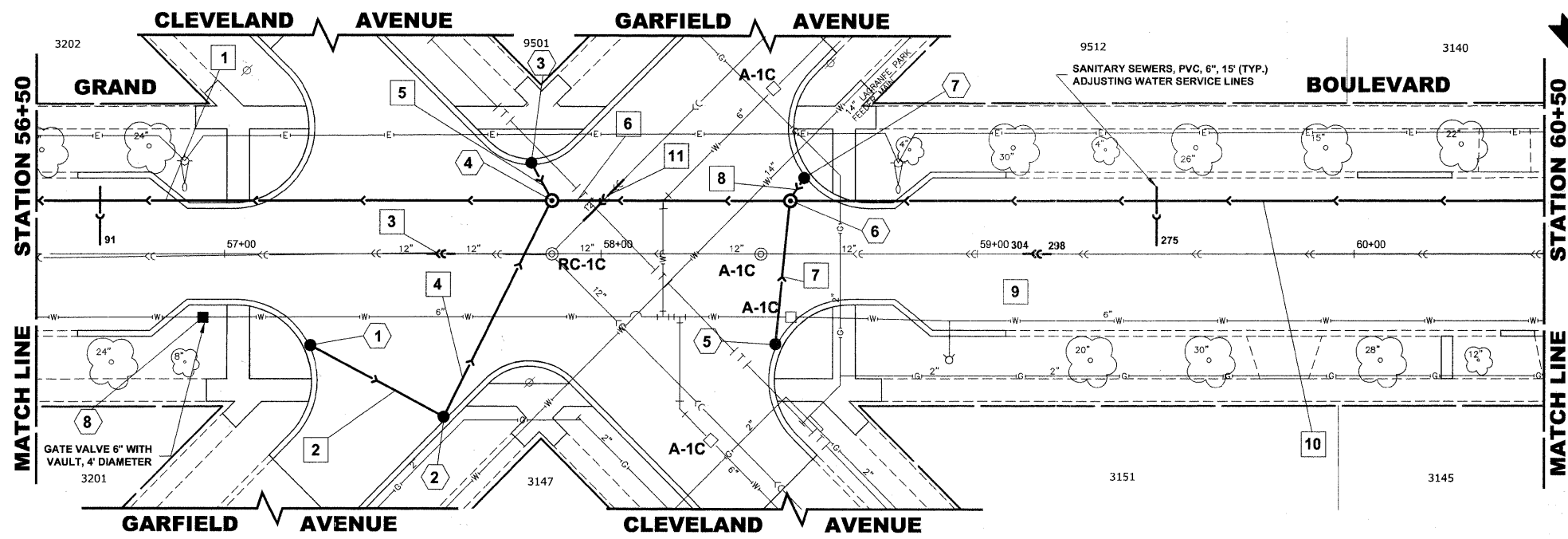


STRUCTURE NO.	STATION	OFFSET	TYPE	RM EL.	INVERT ELEVATION
1	57+25	24' RT	CATCH BASINS, TYPE A 4' DIA, TYPE 1 FRAME, OPEN LID	621.65	618.15 (10' N)
2	57+60	43' RT	CATCH BASINS, TYPE A 4' DIA, TYPE 1 FRAME, OPEN LID	621.55	617.91 (12' W) 617.91 (10' S)
3	57+82	23' LT	CATCH BASINS, TYPE A 4' DIA, TYPE 1 FRAME, OPEN LID	621.60	617.85 (10' N)
4	57+87	14' LT	MANHOLES, TYPE A 5' DIA TYPE 1 FRAME, CLOSED LID	621.85	611.22 (30' NW) 613.88 (30' SE) 617.62 (12' E) 617.75 (10' S)
5	58+47	24' RT	CATCH BASINS, TYPE A 4' DIA, TYPE 1 FRAME, OPEN LID	621.75	618.00 (10' SW)
6	58+50	14' LT	MANHOLES, TYPE A 5' DIA TYPE 1 FRAME, CLOSED LID	622.00	611.80 (30' SE) 614.18 (24' NW) 617.63 (10' NE) 617.93 (10' W)
7	58+54	20' LT	CATCH BASINS, TYPE A 4' DIA, TYPE 1 FRAME, OPEN LID	621.75	618.00 (10' E)
8	56+95	18' RT	VALVE VAULTS, TYPE A 4' DIA, TYPE 1 FRAME, CLOSED LID	622.00	617.00 (TP)

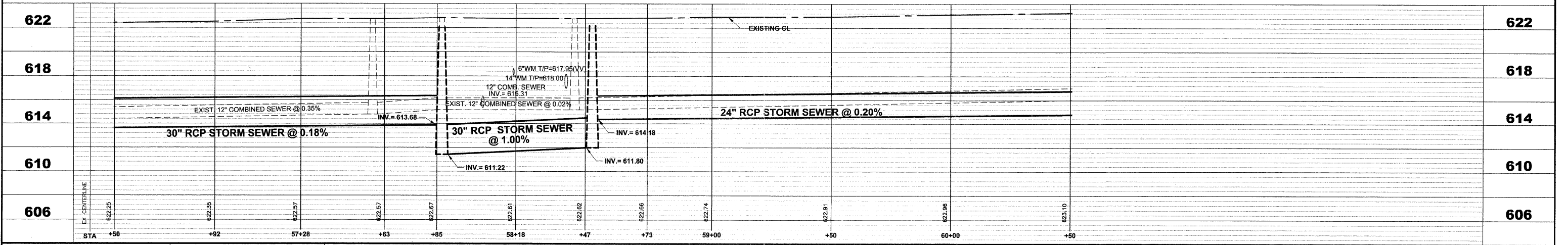
EXISTING TOPOGRAPHY



PIPE NO.	LENGTH	PAY ITEM	SLOPE	C.Y.T.B.
1	272'	SS RG CL A 2 30	0.18%	222.3
2	40'	STORM SEW CL B 2 10	0.60%	0.0
3	8'	12" PVC CS PIPE REPL	0.194%	1.7
4	65'	STORM SEW CL B 2 12	0.45%	0.7
5	10'	STORM SEW CL B 2 10	1.00%	0.2
6	58'	SS RG CL A 2 30	1.00%	67.7
7	37'	STORM SEW CL B 2 10	1.00%	1.3
8	7'	STORM SEW CL B 2 10	1.00%	0.2
9	6'	12" PVC CS PIPE REPL	0.194%	1.2
10	370'	SS RG CL A 2 24	0.20%	281.2
11	15'	12" PVC CS PIPE REPL	0.194%	2.7

NOTE:
 FIGURES SHOWN AT THE END OF THE 6" SANITARY SEWER SERVICES INDICATE THE DISTANCE THE SERVICE IS FROM THE COMBINED SEWER MANHOLE.

PROPOSED IMPROVEMENTS



Oct. 26, 2011 - 11:18am
 Drawing file: W:\Projects\12509232 - Grand Blvd. Design\Engineer\Grand Blvd\Grand Blvd.dwg

HANCOCK ENGINEERING Civil Engineers Municipal Consultants Established 1911	USER NAME - WOP, JG	DESIGNED - WOP, JG	REVISED - (None)	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GRAND BOULEVARD UTILITY PLAN AND PROFILE	ROUTE NO. FAU 1694	SECTION 07-00122-01-PV	COUNTY COOK	TOTAL SHEETS 86	SHEET NO. 41
	PLOT SCALE - 1"=20'H, 1"=4'V	CHECKED - WOP, JG	DATE - 10-24-11			SCALE: 1"=20'H, 1"=4'V	SHEET NO. 8 OF 10 SHEETS	STA. 56+50 TO STA. 60+50	FIELD BOOK NO. -JAERIALS/LL	CONTRACT NO. 63651