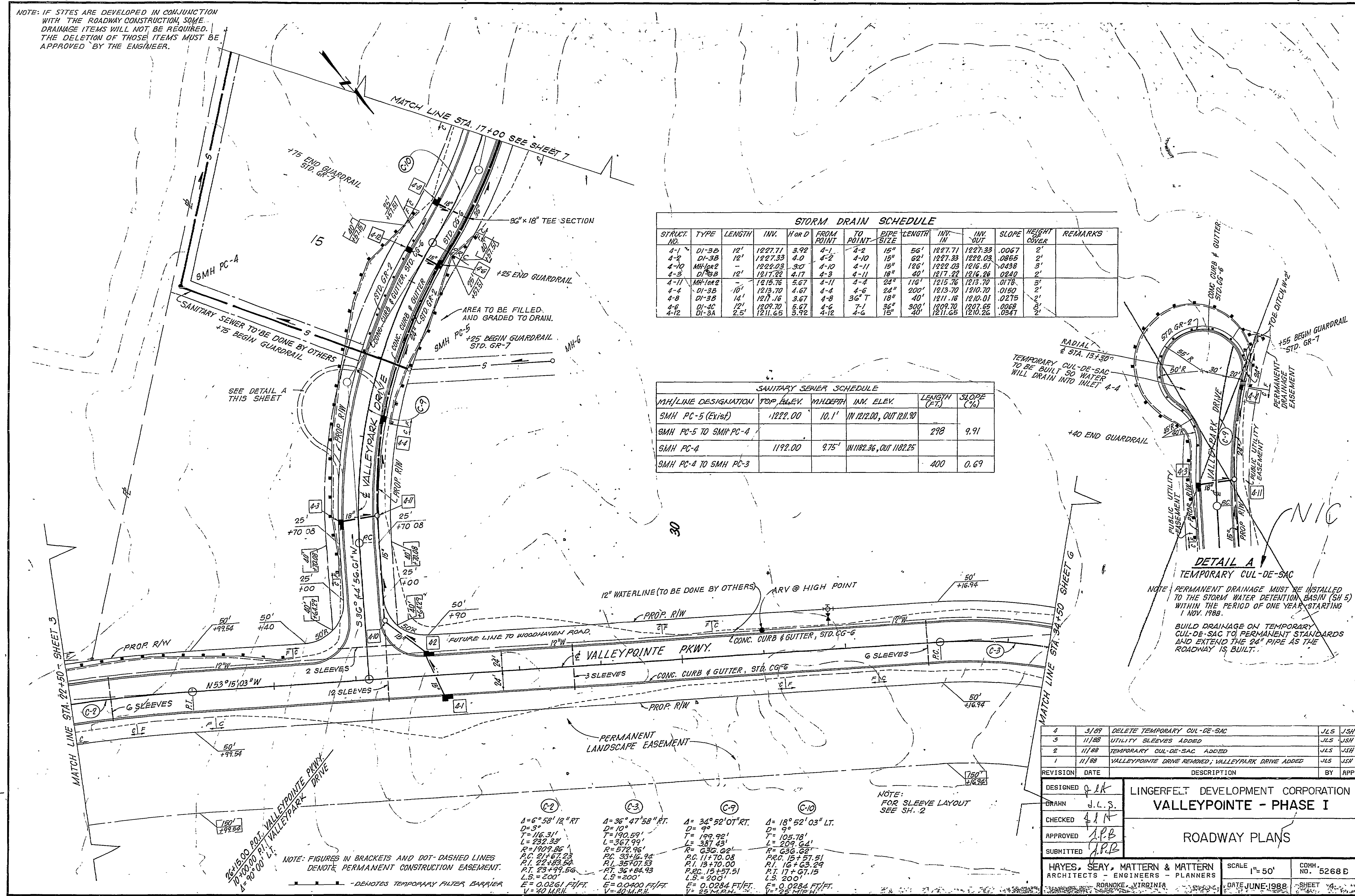


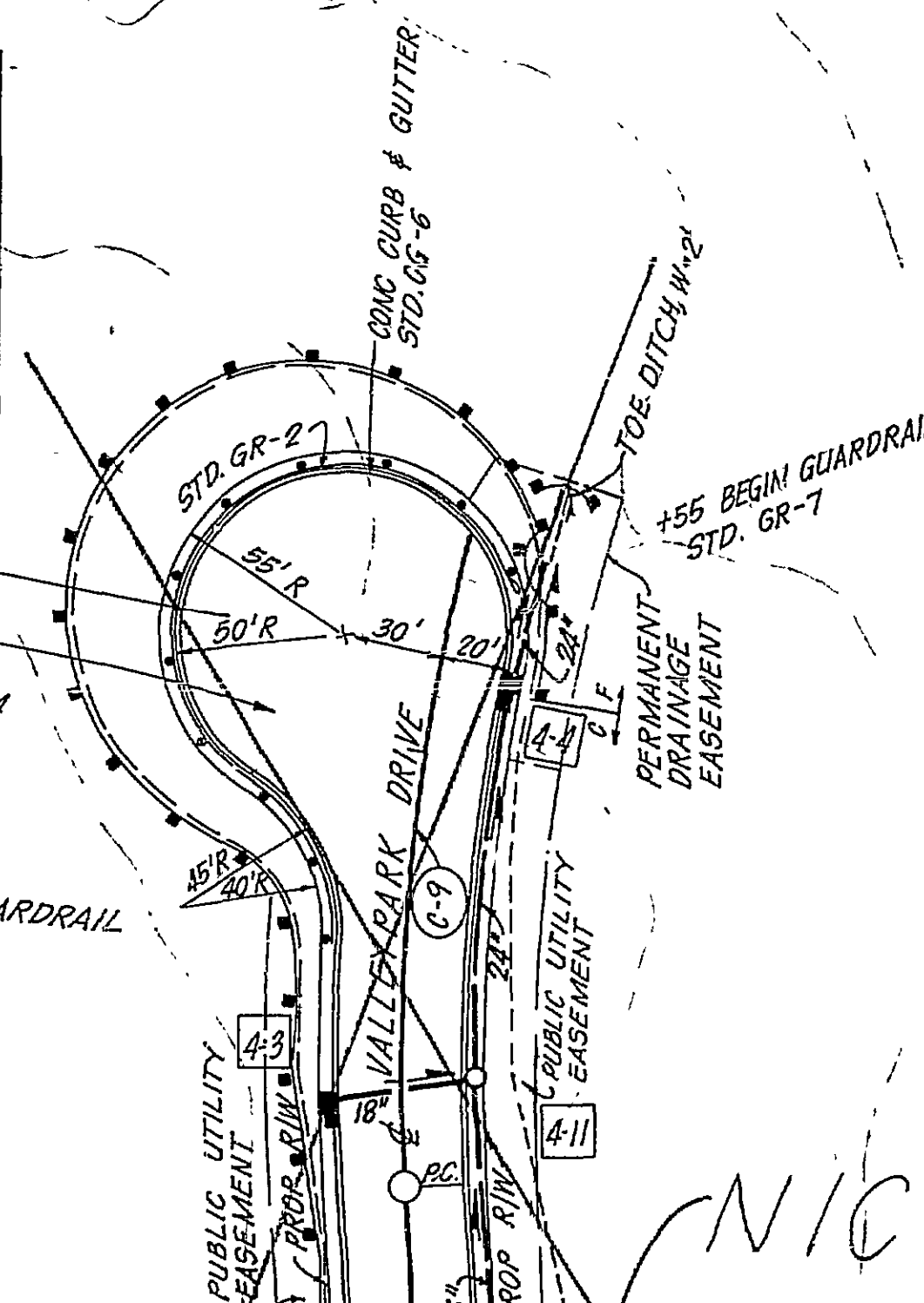
NOTE: IF SITES ARE DEVELOPED IN CONJUNCTION WITH THE ROADWAY CONSTRUCTION, SOME DRAINAGE ITEMS WILL NOT BE REQUIRED. THE DELETION OF THOSE ITEMS MUST BE APPROVED BY THE ENGINEER.



STRUCT. NO.	TYPE	LENGTH	INV.	H or D	FROM POINT	TO POINT	PIPE SIZE	LENGTH	INV. IN	INV. OUT	SLOPE	HEIGHT COVER	REMARKS
4-1	DI-3B	12'	1227.71	3.92	4-1	4-2	15"	56'	1227.71	1227.33	.0067	2'	
4-2	DI-3B	12'	1227.33	4.0	4-2	4-10	15"	62'	1227.33	1222.03	.0855	2'	
4-10	MH-10R2	12'	1222.03	3.0	4-10	4-11	15"	126'	1222.03	1216.51	.0438	3'	
4-11	DI-3B	12'	1217.22	4.17	4-11	4-3	18"	40'	1217.22	1216.26	.0240	2'	
4-17	MH-10R2	12'	1215.76	5.57	4-11	4-4	24"	118'	1215.76	1213.70	.0178	3'	
4-4	DI-3B	10'	1213.70	4.67	4-4	4-6	24"	200'	1213.70	1210.70	.0150	3'	
4-8	DI-3B	14'	1210.16	3.67	4-8	36" T	18"	40'	1210.16	1210.01	.0275	2'	
4-6	DI-3C	12'	1209.70	5.67	4-6	7-1	36"	300'	1209.70	1207.65	.0068	3'	
4-12	DI-3A	2.5'	1211.65	3.92	4-12	4-6	15"	40'	1211.65	1210.26	.0347	2'	

MH/LINE DESIGNATION	TOP ELEV.	MH DEPTH	INV. ELEV.	LENGTH (F-T)	SLOPE (%)
SMH PC-5 (EXIST)	1222.00	10.1'	IN 1212.00, OUT 1211.90		
SMH PC-5 TO SMH PC-4				298	9.91
SMH PC-4	1192.00	9.75'	IN 1182.36, OUT 1182.25		
SMH PC-4 TO SMH PC-3				400	0.69

TEMPORARY CUL-DE-SAC TO BE BUILT SO WATER WILL DRAIN INTO INLET 4-4



DETAIL A
TEMPORARY CUL-DE-SAC
NOTE: PERMANENT DRAINAGE MUST BE INSTALLED TO THE STORM WATER DETENTION BASIN (SH 5) WITHIN THE PERIOD OF ONE YEAR STARTING 1 NOV. 1988.
BUILD DRAINAGE ON TEMPORARY CUL-DE-SAC TO PERMANENT STANDARDS AND EXTEND THE 24" PIPE AS THE ROADWAY IS BUILT.

4	3/87	DELETE TEMPORARY CUL-DE-SAC	JLS	JSH
3	11/88	UTILITY SLEEVES ADDED	JLS	JSH
2	11/88	TEMPORARY CUL-DE-SAC ADDED	JLS	JSH
1	11/88	VALLEYPARK DRIVE REMOVED; VALLEYPARK DRIVE ADDED	JLS	JSH
REVISION	DATE	DESCRIPTION	BY	APP
DESIGNED	QIK	LINGERFELT DEVELOPMENT CORPORATION		
DRAWN	J.L.S.	VALLEYPARK - PHASE I		
CHECKED	411	ROADWAY PLANS		
APPROVED	APB			
SUBMITTED	APB			
HAYES, SEAY, MATTERN & MATTERN		SCALE	1" = 50'	COMM. NO. 5268 E
ARCHITECTS - ENGINEERS - PLANNERS		DATE	JUNE 1988	SHEET 4
ROANOKE, VIRGINIA				

