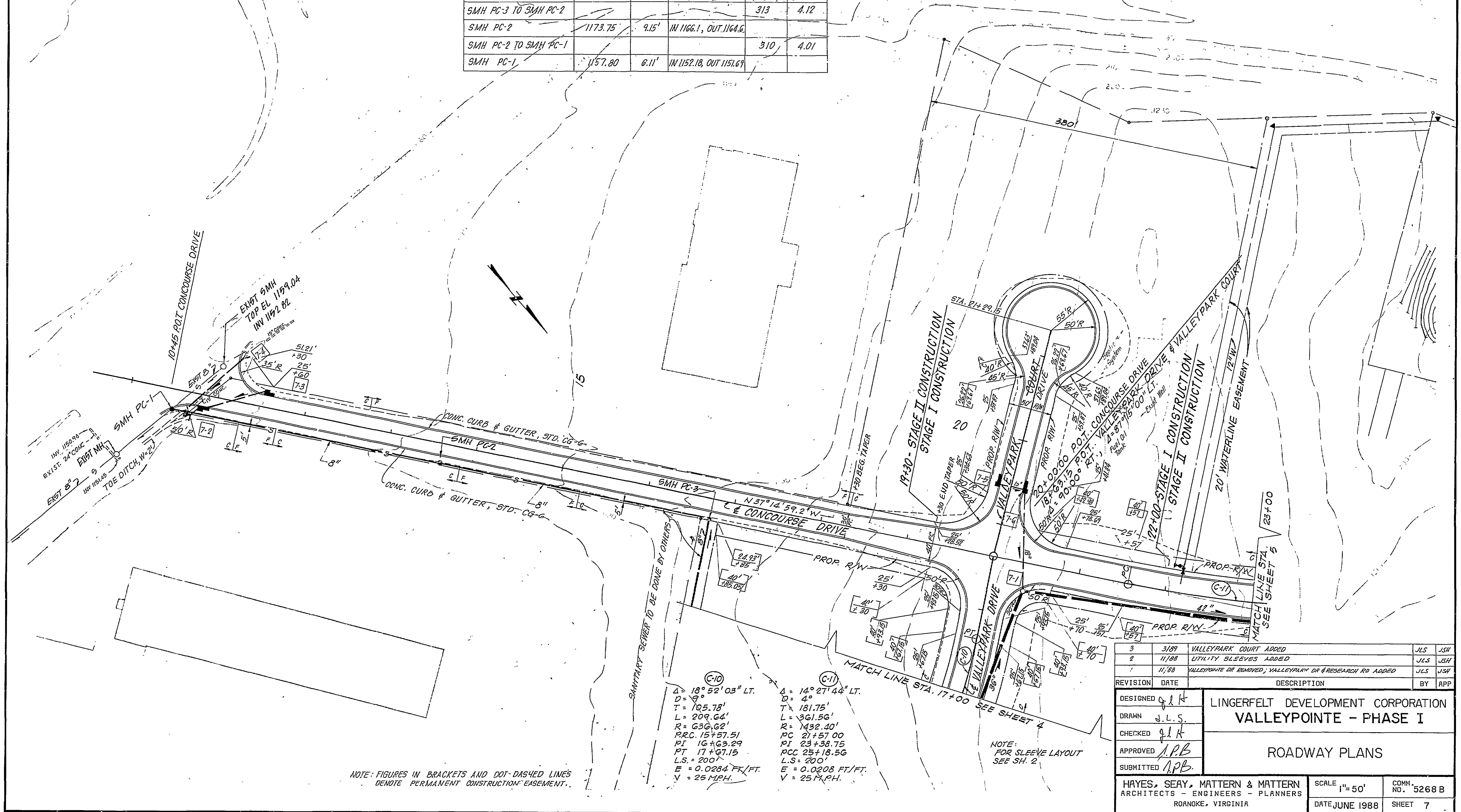


NOTE: IF SITES DEVELOPED IN CONJUNCTION WITH THE ROADWAY CONSTRUCTION, SOME DRAINAGE ITEMS WILL NOT BE REQUIRED. THE DELETION OF THOSE ITEMS MUST BE APPROVED BY THE ENGINEER.

MH/LINE DESIGNATION	TOP ELEV.	WIDTH	INV. ELEV.	LENGTH (FT.)	SLOPE (%)
SMH PC-3	1193.00	14.0'	IN 1173.5, OUT 1179.0	313	4.12
SMH PC-2	1173.75	9.15'	IN 1166.1, OUT 1164.6		
SMH PC-2 TO SMH PC-1				310	4.01
SMH PC-1	1157.80	6.11'	IN 1152.18, OUT 1151.67		

STRUCT. NO.	TYPE	LENGTH	INV.	HOR. D.	FROM POINT	TO POINT	PIPE SIZE	LENGTH	INV. IN	INV. OUT	SLOPE	HEIGHT COVER	REMARKS
7-1	MH-100		1207.65	14.43	7-1	5-1	42"	946'	1207.65	1208.57	.006	17'	
7-3	D1-3B	10'	1156.38	3.92	7-3	7-2	15"	14'	1156.38	1155.24	.0208	2'	
7-2	D1-3B	8'	1155.24	3.92	7-2	OUTLET	15"	12'	1155.24	1154.60	.0533	2'	
7-5	D1-3B	14'	1216.44	3.92	7-5	7-6	15"	32'	1216.44	1216.04	.0125	3'	
7-6	D1-3B	14'	1215.79	4.57	7-6	7-1	18"	110'	1215.79	1214.00	.0163	6'	

7-4 94'-24" CONC. PIPE REQ'D (9' COVER)
INV. IN 1157.0, INV. OUT 1153.60
SKEW = 37°
STD. E5-1 REQ'D. RT. & LT.



NOTE: FIGURES IN BRACKETS AND DOT-DASHED LINES DENOTE PERMANENT CONSTRUCTION EASEMENT.

(C-10) Δ = 13° 52' 03" LT.
D = 4'
T = 105.75'
L = 209.64'
R = 630.62'
P.R.C. 15+57.51
P.I. 16+63.29
P.T. 17+27.15
L.S. = 200'
E = 0.0284 FT./FT.
V = 25 M.P.H.

(C-11) Δ = 14° 27' 44" LT.
D = 4'
T = 181.75'
L = 361.56'
R = 1432.40'
P.C. 21+57.00
P.I. 23+38.75
P.C.C. 25+18.56
L.S. = 200'
E = 0.0208 FT./FT.
V = 25 M.P.H.

NOTE: FOR SLEEVE LAYOUT SEE SH. 2

3	3/89	VALLEYPARK COURT ADDED	JLS	JSH
2	11/88	UTILITY SLEEVES ADDED	JLS	JSH
1	11/88	VALLEYPARK DR REMOVED; VALLEYPARK DR & RESEARCH RD ADDED	JLS	JSH
REVISION	DATE	DESCRIPTION	BY	APP
DESIGNED	glt	LINGERFELT DEVELOPMENT CORPORATION VALLEYPARK - PHASE I		
DRAWN	J.L.S.			
CHECKED	glt			
APPROVED	APB			
SUBMITTED	APB	ROADWAY PLANS		
HAYES, SEAY, MATTERN & MATTERN		SCALE 1"=50'		COMM. NO. 5268 B
ARCHITECTS - ENGINEERS - PLANNERS		DATE JUNE 1988		SHEET 7
ROANOKE, VIRGINIA				