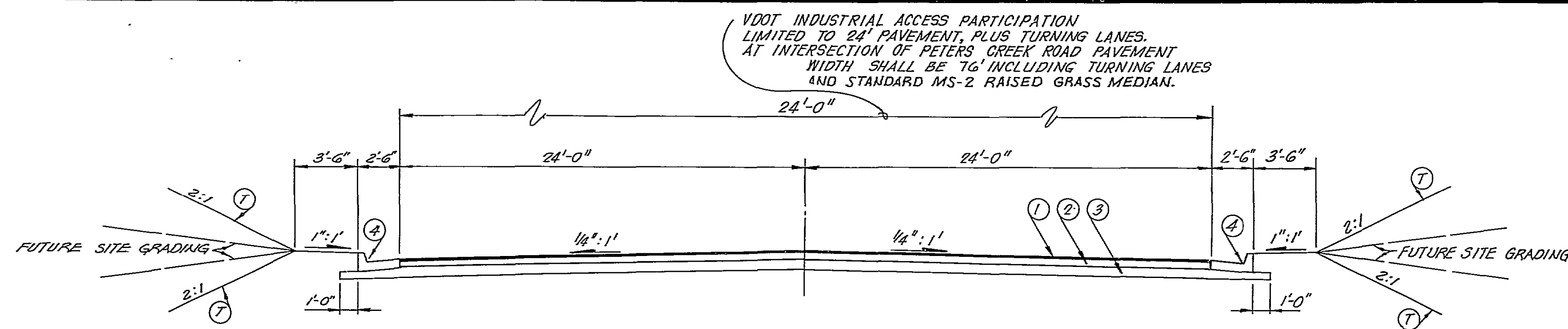
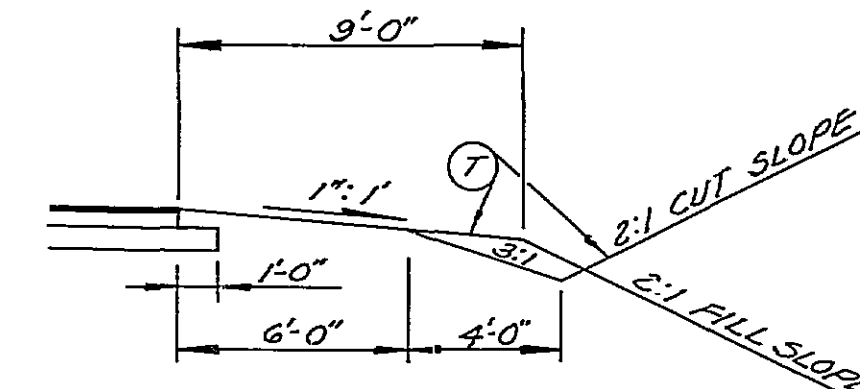




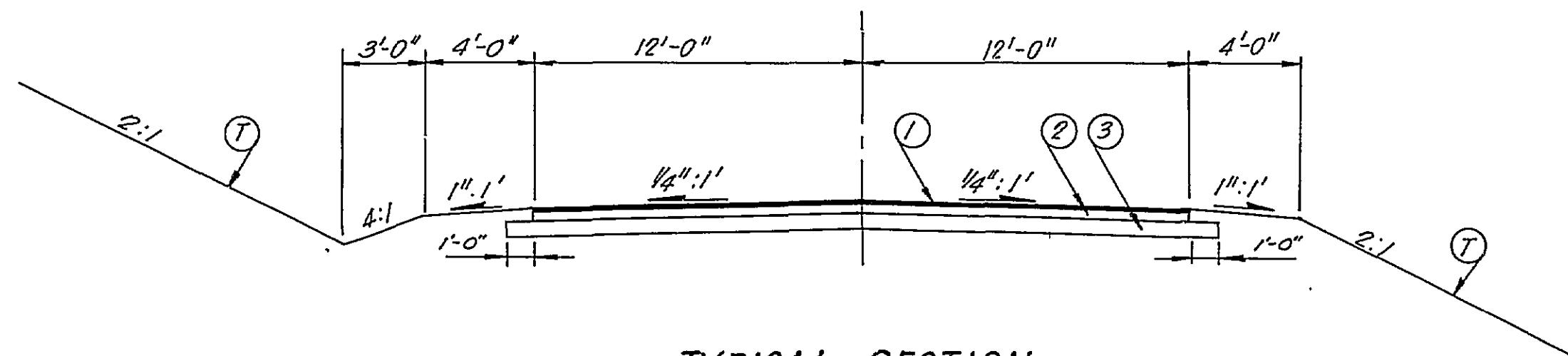
**TYPICAL SECTION
VALLEYPOINTE PARKWAY**

STATION	TO	STATION
10+12.00		38+58
38+58		47+25.44

REMARKS
STD MS-2 STATION 10+24 TO STATION 12+70
STATION 13+60 TO STATION 14+75
STD. PAVEMENT SECTION - SEE DETAIL A



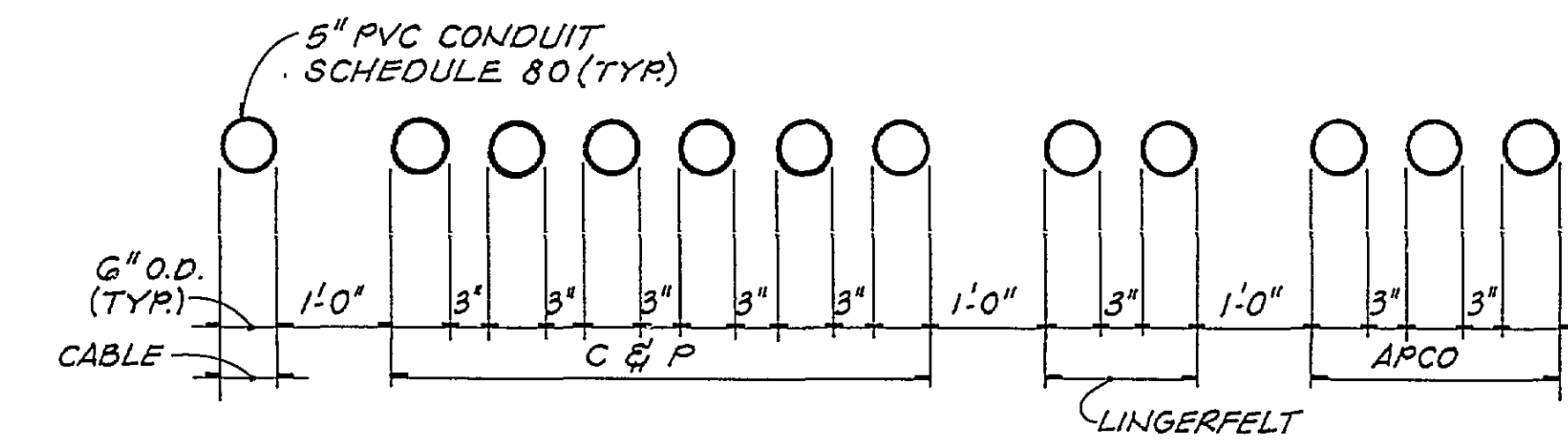
DETAIL A



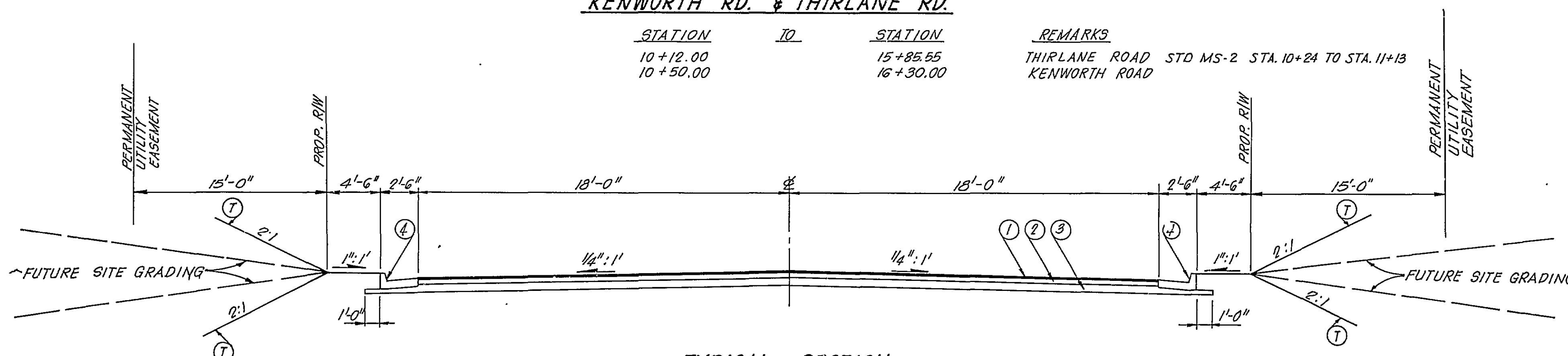
**TYPICAL SECTION
KENWORTH RD. & THIRLANE RD.**

STATION	TO	STATION
10+12.00		15+85.85
10+50.00		16+30.00

REMARKS
THIRLANE ROAD STD MS-2 STA. 10+24 TO STA. 11+18
KENWORTH ROAD



TYPICAL SLEEVE LAYOUT

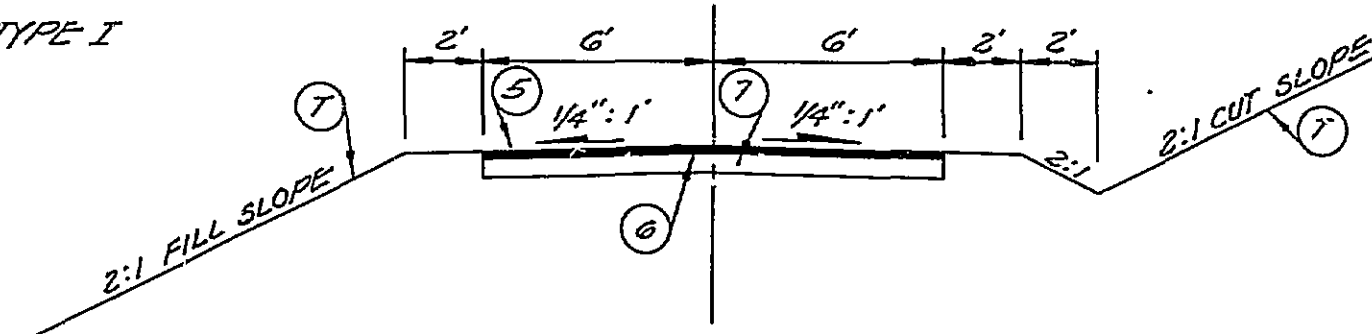


**TYPICAL SECTION
VALLEYPARK DRIVE & CONCOURSE DRIVE**

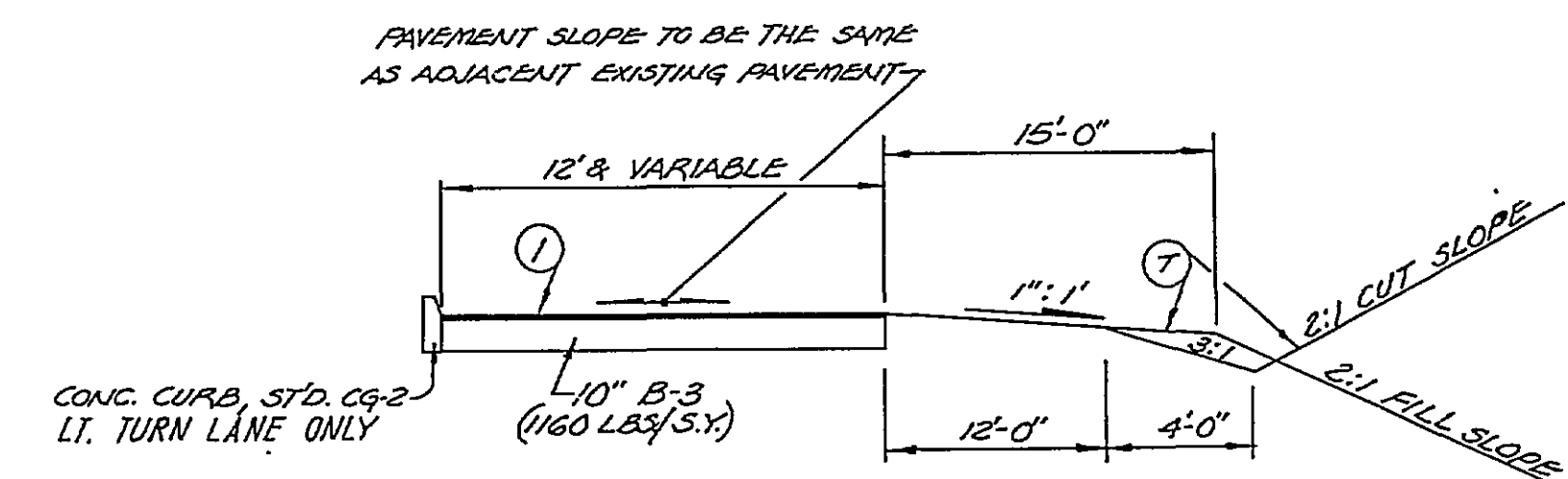
STATION	TO	STATION
10+24		13+45.15
10+60		18+30
18+30		19+30
19+30		38+51.60
18+63.15		21+79.15

REMARKS
VALLEYPARK DRIVE
CONCOURSE DRIVE (30' FACE OF CURB TO FACE OF CURB)
CONCOURSE DRIVE (TAPER 30' TO 40' FACE OF CURB TO FACE OF CURB)
CONCOURSE DRIVE
VALLEYPARK DRIVE (30' FACE OF CURB TO FACE OF CURB)

- ① 1/2" 3-10 MOD. (171 LBS./SY)
- ② 6" B-3 (684 LBS./SY)
- ③ 8" 21 OR 21A AGGREGATE BASE MAT'L TYPE I STABILIZED WITH CEMENT 4% BY WEIGHT
- ④ CONCRETE CURB AND GUTTER, STD CG-6
- ⑤ 2" 5-5 (228 LBS./SY)
- ⑥ PRIME 0.2 GAL./SY. BIT MAT'L RC-250
- ⑦ 6" 21 OR 21A AGGREGATE BASE MAT'L TYPE I
- ⑧ 2" TOPSOIL CL. A AND SEEDING



**TYPICAL SECTION
AIRPORT ACCESS**



**TYPICAL SECTION
TURN LANES**

UTILITY ESTIMATED QUANTITIES					
PAY ITEM	PAY UNIT	VDOT PART.	OWNER PART.	TOTAL	TOTAL STAGE I
12" DUCTILE IRON WATER MAIN	LF	—	2195	2195	465
12" GATE VALVE	EA	—	5	5	2
6" DUCTILE IRON SANITARY SEWER PIPE	LF	—	150	150	150
5" PVC CONDUIT, SCHEDULE 80 (UTILITY SLEEVES)	LF	—	1160	1160	710
8" DUCTILE IRON SANITARY SEWER PIPE	LF	—	2608	2608	1063
SANITARY SEWER MANHOLE (STD. ROANOKE COUNTY)	LF	—	160	160	75
SANITARY SEWER FRAME & COVER (STD ROANOKE CO)	EA	—	18	18	9
FIRE HYDRANT	EA	—	1	1	—

4	6/90	REVISED CONCOURSE DR, REMOVED RESEARCH ROAD	JLS	JSH
3	5/89	ADDED VALLEYPARK COURT	JLS	JSH
2	11/88	TYPICAL SLEEVE LAYOUT ADDED	DWH	JSH
1	11/88	VALLEYPARK DRIVE REMOVED, VALLEYPARK DR., RESEARCH RD. & CONCOURSE DR. ADDED	JLS	JSH
REVISION	DATE	DESCRIPTION	BY	APP
DESIGNED	J.L.H.	LINGERFELT DEVELOPMENT CORPORATION VALLEYPOINTE, PHASE I (STAGE 1A) TYPICAL SECTIONS		
DRAWN	J.L.S.			
CHECKED	J.L.H.			
APPROVED	J.P.B.			
SUBMITTED	APB			
HAYES, SEAY, MATTERN & MATTERN ARCHITECTS - ENGINEERS - PLANNERS ROANOKE, VIRGINIA		SCALE	COMM. NO. 5268 B	
		DATE JUNE 1988	SHEET 2	