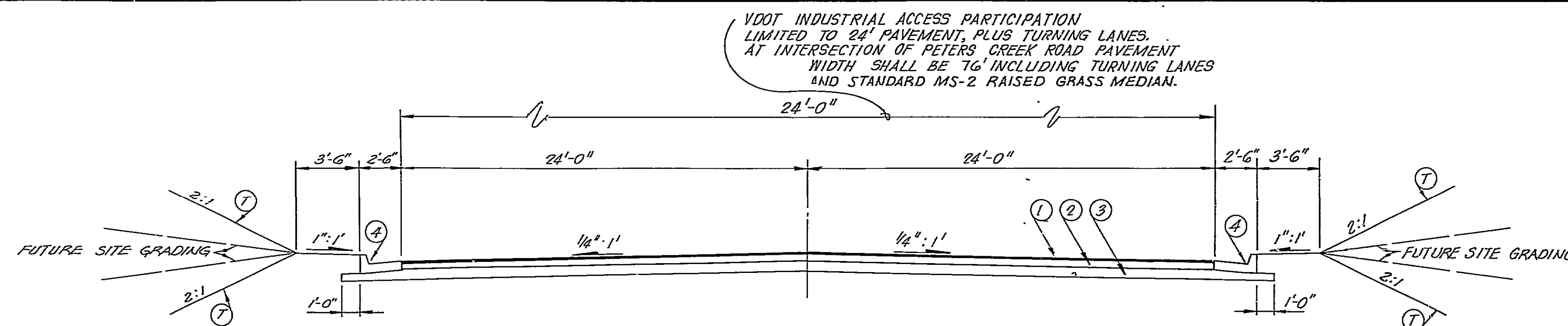
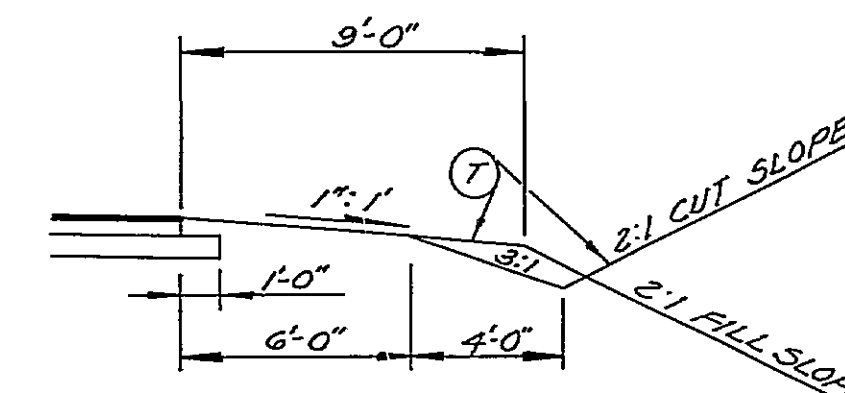


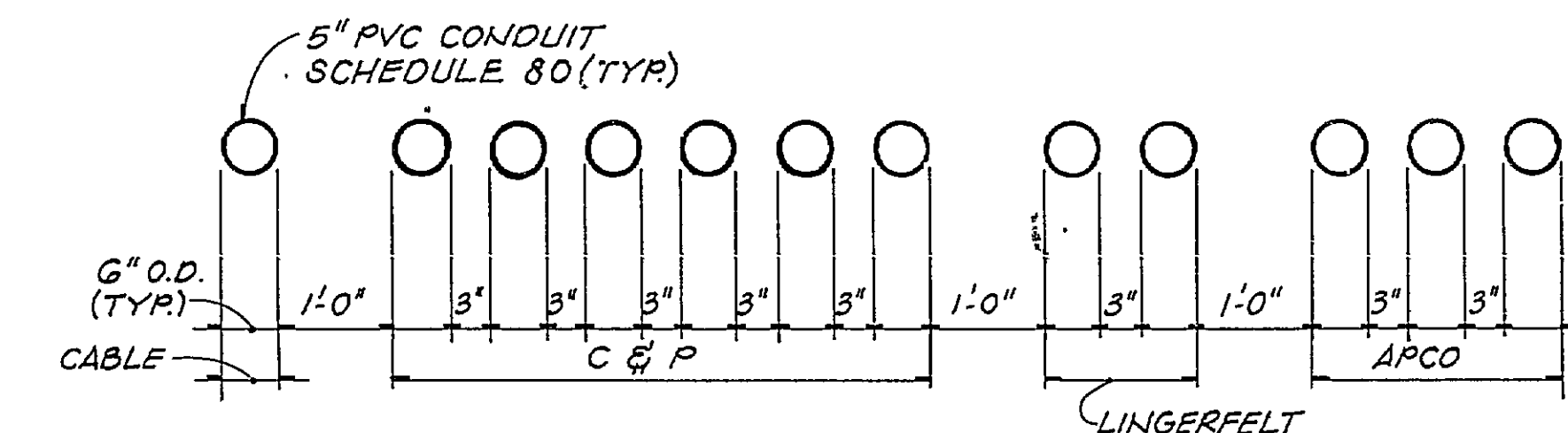


TYPICAL SECTION
VALLEYPOINTE PARKWAY

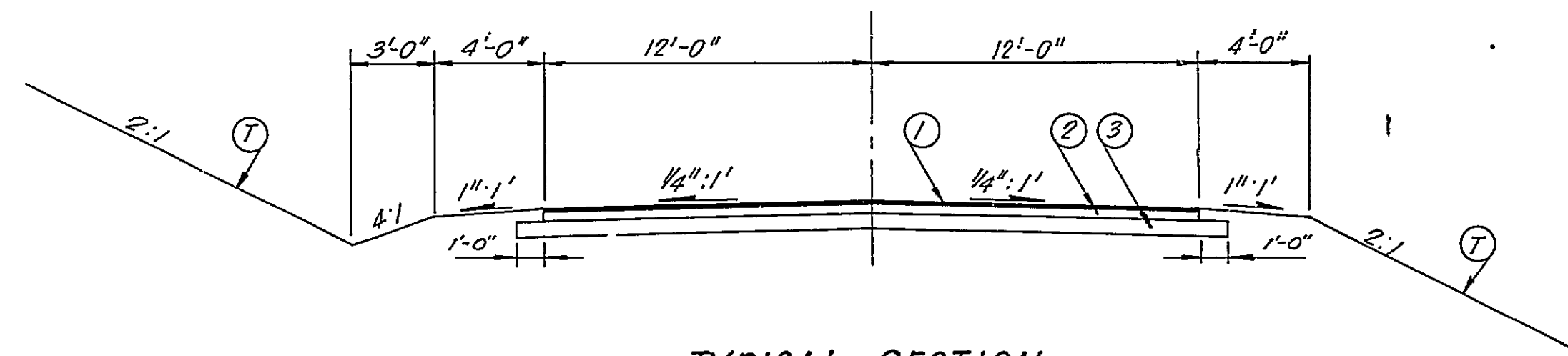
STATION	TO	STATION	REMARKS
10+12.00		38+58	STD MS-2 STATION 10+24 TO STATION 12+70 & STATION 13+60 TO STATION 14+75
38+58		47+25.44	STD. PAVEMENT SECTION - SEE DETAIL A



DETAIL A

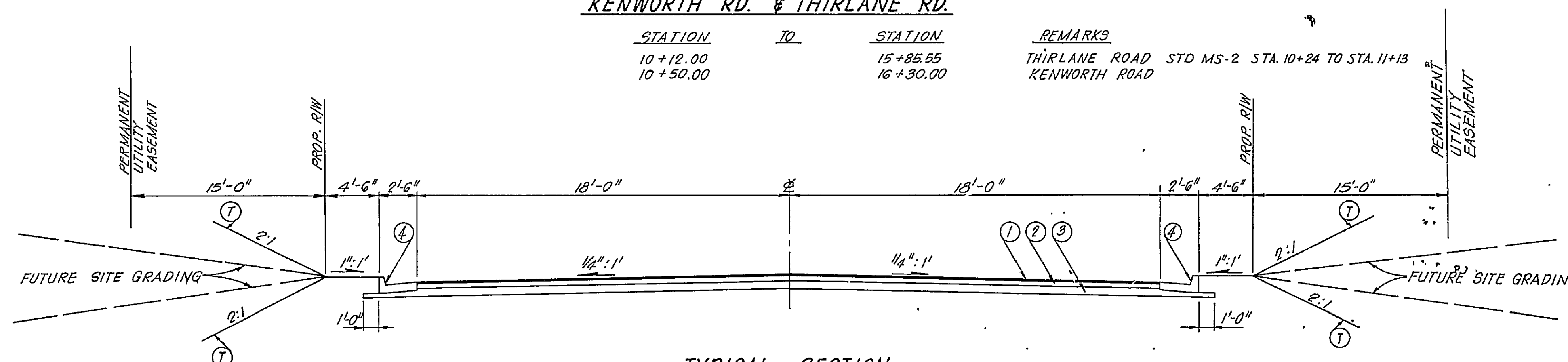


TYPICAL SLEEVE LAYOUT



TYPICAL SECTION
KENWORTH RD. & THIRLANE RD.

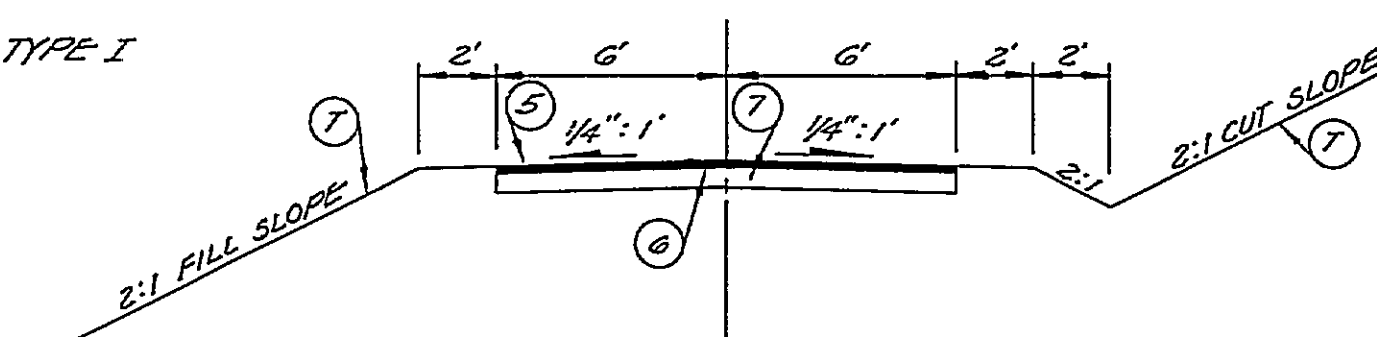
STATION	TO	STATION	REMARKS
10+12.00		15+85.55	THIRLANE ROAD STD MS-2 STA. 10+24 TO STA. 11+13
10+50.00		16+30.00	KENWORTH ROAD



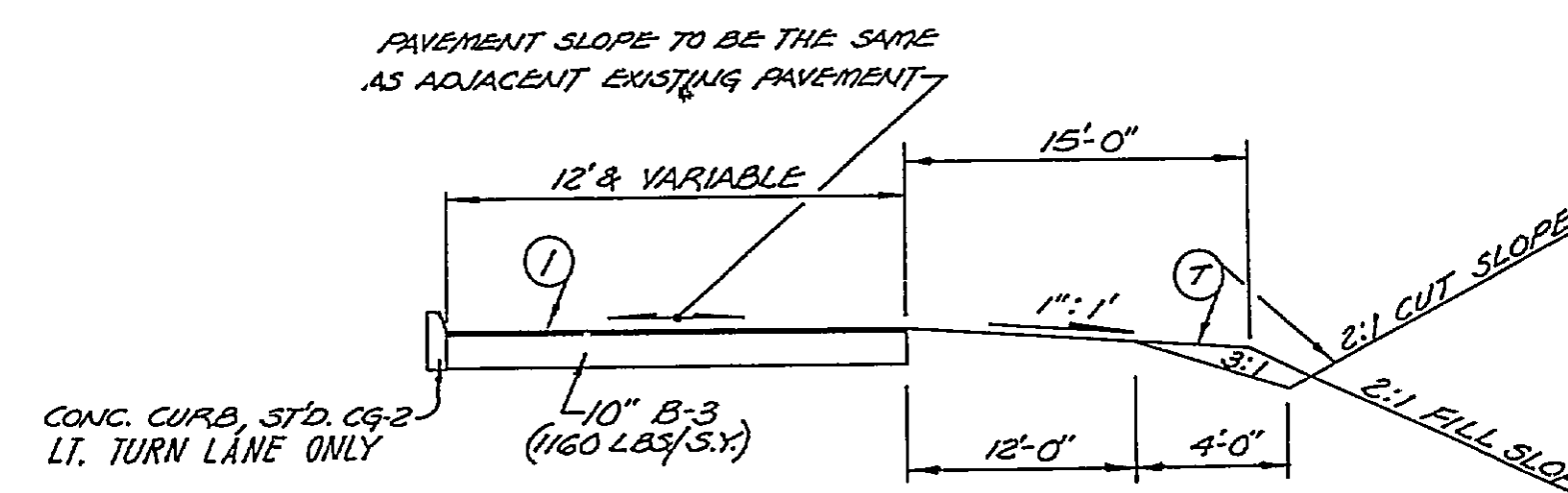
TYPICAL SECTION
VALLEYPARK DRIVE, RESEARCH ROAD, CONCOURSE DRIVE & VALLEYPARK COURT

STATION	TO	STATION	REMARKS
10+24		18+45.15	VALLEYPOINTE DRIVE
10+24		32+59.16	RESEARCH ROAD
10+60		18+30	CONCOURSE DRIVE (30' FACE OF CURB TO FACE OF CURB)
18+30		19+30	CONCOURSE DRIVE (TAPER 30' TO 40' FACE OF CURB TO FACE OF CURB)
19+30		36+50	CONCOURSE DRIVE
18+63.15		21+77.15	VALLEYPARK COURT (30' FACE OF CURB TO FACE OF CURB)

- ① 1 1/2" 5-10 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 OR GAL./S.Y. 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	—	465	—	465
12" GATE VALVE	EA	—	2	—	2
6" DUCTILE IRON SANITARY SEWER PIPE	LF	—	114	—	114
5" PVC CONDUIT, SCHEDULE 80 (UTILITY SLEEVES)	LF	—	710	—	710
8" DUCTILE IRON SANITARY SEWER PIPE	LF	—	928	—	928
SANITARY SEWER MANHOLE (STD. ROANOKE COUNTY)	LF	—	36	—	36
SANITARY SEWER FRAME & COVER (STD. ROANOKE CO.)	EA	—	4	—	4

3	3/89	ADDED VALLEYPARK COURT	JLS	JSH
2	11/88	TYPICAL SLEEVE LAYOUT ADDED	DWH	JSH
1	11/88	VALLEYPOINTE DRIVE REMOVED VALLEYPARK DR., RESEARCH RD. & CONCOURSE DR. ADDED	JLS	JSH
REVISION	DATE	DESCRIPTION	BY	APP
DESIGNED	JLS	LINGERFELT DEVELOPMENT CORPORATION		
DRAWN	JLS	VALLEYPOINTE - PHASE I		
CHECKED	JLS	TYPICAL SECTIONS		
APPROVED	JLS			
SUBMITTED	JLS			
HAYES, SEAY, MATTERN & MATTERN		SCALE	COMM. NO. 52683	
ARCHITECTS - ENGINEERS - PLANNERS		DATE JUNE 1988	SHEET 2	
ROANOKE, VIRGINIA				