

CLEARING AND GRUBBING SHALL BE COMPLETE WITHIN THE RIGHT OF WAYS AS INDICATED ON LAYOUT PLAN.

13. SLOPE EASEMENTS FOR FILL SLOPES ARE REQUIRED WHERE SLOPES EXCEED PROPOSED RIGHT—OF—WAY LIMITS SHOWN.

14. PERMIT TO TIE INTO EXISTING ROADS, SHALL BE OBTAINED FROM RESIDENT ENGINEER PRIOR TO ROAD CONSTRUCTION.

16. PRIME COAT MUST BE APPLIED TO ROAD BASE AGGREGATE PRIOR TO APPLICATION OF ASPHALT SURFACE (PRIME COAT RC-250,

9. EXCESS EXCAVATION TO BE DISPOSED OF AS DIRECTED BY THE ENGINEER.

17. ALL UTILITIES ARE TO BE IN PLACE PRIOR TO LAYING BASE MATERIAL.

SURFACE TREATMENT IS APPLIED.

0.3 GALLONS PER SQUARE YARD).

10. ALL FILLETS AT INTERSECTIONS TO HAVE 35' RADII UNLESS OTHERWISE NOTED.

11. GRADE LINES ON PROFILES DENOTE FINISHED GRADE OF CENTER LINE OF ROAD.

12. BASE MUST BE APPROVED BY VDOT FOR DEPTH, TEMPLATE, AND COMPACTION BEFORE

15. ALL APPROACH GUTTERS TO SAG INLETS SHALL MAINTAIN A MINIMUM SLOPE OF 0.004 ft/ft.

8. ALL DRAINAGE EASEMENTS TO BE CLEARED, GRUBBED, AND GRADED TO CONTAIN WATER FROM PIPE CULVERTS AND TO EXTEND TO A NATURAL WATERCOURSE.

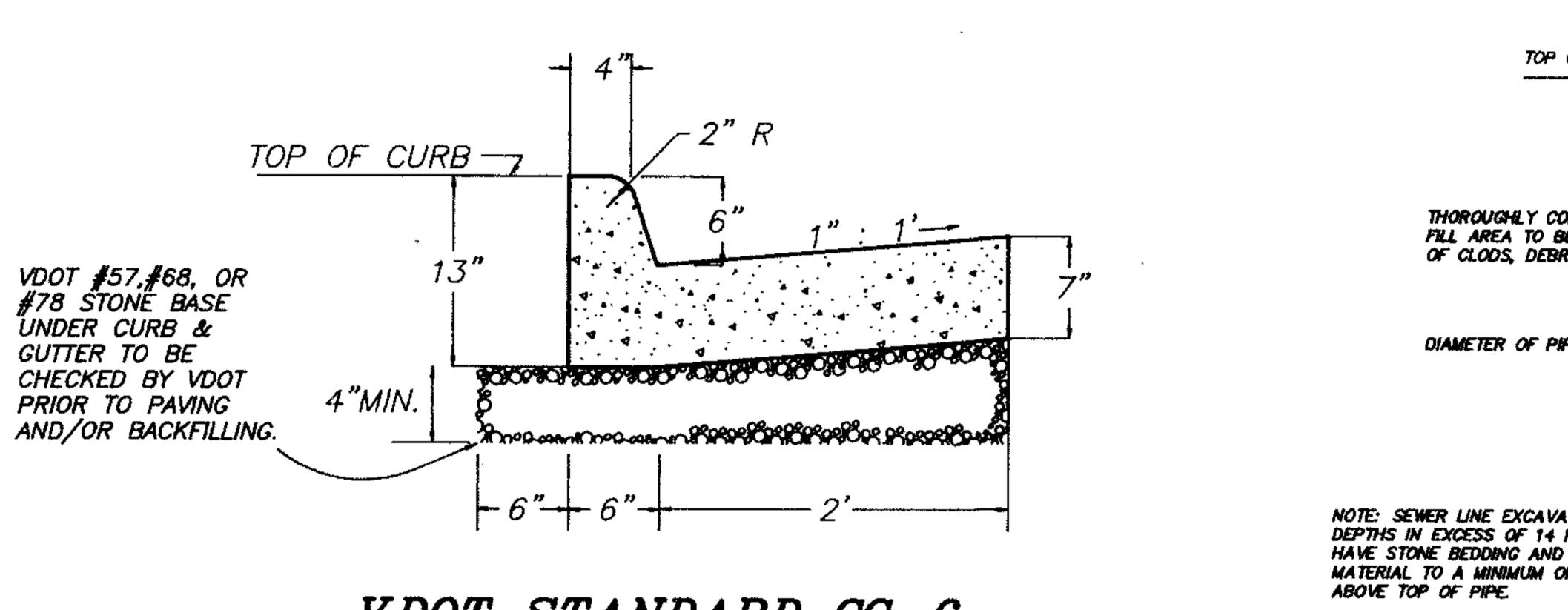
## APPROXIMATE MATERIAL QUANTITIES

ROADS		WATER		SEWER		DRAINAGE		EROSION CONTROL	
1100 LF	TIE INTO EXIST. 6" W/L	1 EA	8" SEWER LINE	504 LF	18" CL III CONC. PIPE	298 LF	INLET PROTECTION	2 EA	
575 TN	6" W/L	530 LF	6" SERVICE	400 LF	DI-3C, L=14'	1 EA	CONSTRUCTION ENTRANCE	1 EA	
174 TN	6" PLUG	1 EA	8"x6" ΤΕΕ	8 EA	DI3C, L=4'	1 EA			
	F.H. ASSEMBLY	1 EA	6" PLUG	12 EA	BASIN (15654 CY)	1 EA			
	SERVICES	12 EA	SERVICE OUT OF MANHOLE	4 EA		-			
	6" SADDLE, TAP & VALVE	1 EA	MANHOLE	20 VF					
			STD. FRAME & COVER	2 EA					
			TIE INTO EXIST. M.H.	1 EA					
	575 TN	1100 LF THE INTO EXIST. 6" W/L 575 TN 6" W/L 174 TN 6" PLUG F.H. ASSEMBLY SERVICES	1100 LF   TIE INTO EXIST. 6" W/L 1 EA 575 TN 6" W/L 530 LF 174 TN 6" PLUG 1 EA F.H. ASSEMBLY 1 EA SERVICES 12 EA	1100 LF THE INTO EXIST. 6" W/L 1 EA 8" SEWER LINE 575 TN 6" W/L 530 LF 6" SERVICE 174 TN 6" PLUG 1 EA 8"x6" TEE F.H. ASSEMBLY 1 EA 6" PLUG SERVICES 12 EA SERVICE OUT OF MANHOLE 6" SADDLE, TAP & VALVE 1 EA MANHOLE STD. FRAME & COVER	1100 LF   TIE INTO EXIST. 6" W/L	1100 LF   TIE INTO EXIST. 6" W/L	1100 LF TIE INTO EXIST. 6" W/L 1 EA 8" SEWER LINE 504 LF 18" CL III CONC. PIPE 298 LF 575 TN 6" W/L 530 LF 6" SERVICE 400 LF DI-3C, L=14' 1 EA 174 TN 6" PLUG 1 EA 8"x6" TEE 8 EA DI-3C, L=4' 1 EA F.H. ASSEMBLY 1 EA 6" PLUG 12 EA BASIN (15654 CY) 1 EA SERVICES 12 EA SERVICE OUT OF MANHOLE 4 EA 6" SADDLE, TAP & VALVE 1 EA MANHOLE 20 VF STD. FRAME & COVER 2 EA	1100 LF   TIE INTO EXIST. 6" W/L	

QUANTITIES AS SHOWN ARE APPROXIMATE ONLY. CONTRACTORS SHOULD MAKE THEIR OWN TAKEOFFS.

## WATERLINE NARRATIVE

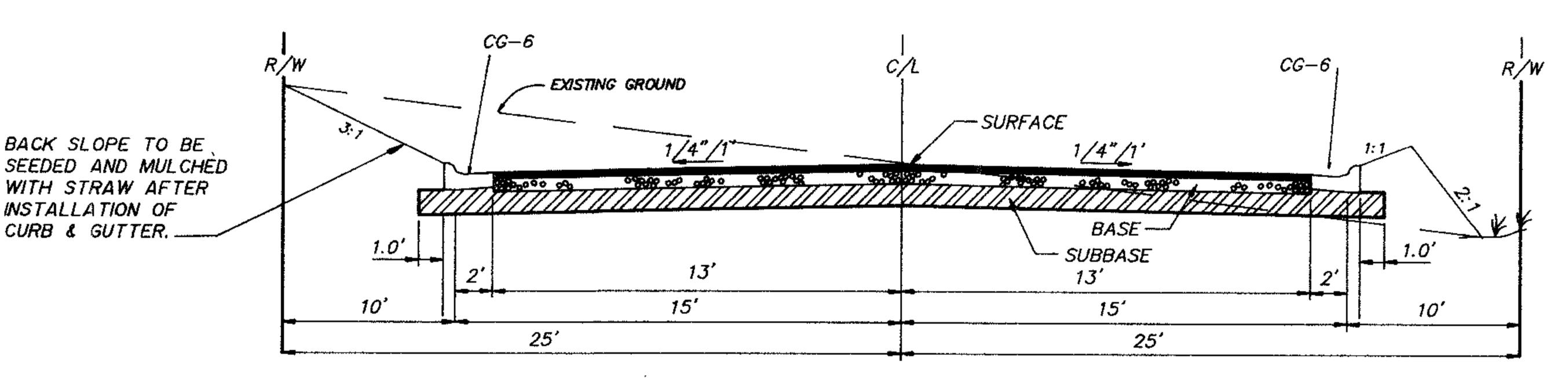
555 LF OF 6" WATERLINE FROM THE INTERSECTION OF BIRCHETT DRIVE AND BIRCHETT PLACE TO PLUG AT STA. 5+13 BIRCHETT PLACE.



----COMPACTION PER COUNTY SPECIFICATION THOROUGHLY COMPACTED FILL AREA TO BE FREE OF CLODS, DEBRIS, ETC. STONE BEDDING AND BACKFILL MATERIAL DIAMETER OF PIPE— NOTE: CONTRACTOR MUST INSURE NOTE: SEWER LINE EXCAVATED TO DEPTHS IN EXCESS OF 14 FEET SHALL

PVC DETAIL SANITARY SEWER BEDDING AND BACKFILL DETAIL FOR PLASTIC PIPE NO SCALE

HALF SECTION IN FILL



SECTION A-A

ROAD	1/00	CATTOORY	PAVEMENT DESIGN 1 2						
STA. TO STA.	VPD	CATEGORY	SUBBASE	BASE	SURFACE	PVM'T. WIDTH (C/L - E/P)	C/L - F/C	C/L - B/C	R/W WIDTH
BIRCHETT PLACE	120	1		6* 21-B	2" SM-3A	13'	15'	15'-6"	50'

## CERTIFICATION

, WE HEREBY CERTIFY THAT THE LOT LINES, LOT NUMBERS, BLOCK NUMBERS AND THE FROM THE UTILITY DEPARTMENT. IF ANY CHANGES ARE APPROVED. REVISED WATER AND/OR SEWER PLANS WILL BE SUBMITTED WITHIN 48 HOURS AFTER APPROVAL

EDWARD L GLASS

10-31-91

DRAWN BY

DESIGNED BY

CHECKED BY

SCALE

日 い 対 対 に 対

E \*

HLL

**O** 

**四** 

AS SHOWN

TOP OF GROUND ( VDOT STANDARD CG-6 NO SCALE

BACK SLOPE TO BE SEEDED AND MULCHED WITH STRAW AFTER INSTALLATION OF CURB & GUTTER.

HALF SECTION IN CUT

NO SCALE

			RO	AD CLASSI	FICATIONS				
ROAD	I/DO	CATECORY	P	AVEMENT DESIG	GN (1) (2)			C/L - B/C	R/W WIDTH
STA. TO STA.	VPD	CATEGORY	SUBBASE	BASE	SURFACE	PVM'T. WIDTH (C/L - E/P)	C/L - F/C		
BIRCHETT PLACE	120	,		6* 21-B	2" SM-3A	13'	15'	15'-6"	50′