LIMITS OF DISTURBED AREA

PROPERTY OF CARL E. & MARY J. BOETHE TAX NO. 96-07-11-5 ZONED AG

SEE SECTION 2 FOR CONTINUATION OF SAN. SWR. & STM DRAIN

DRAINAGE AREA FOR SEDIMENT BASIN = 13.0 AC

TYPE A DITCH @ 15%

NOTE: SEE SECTION 1 PLANS FOR CONTINUATION OF EROSION CONTROL PLAN. BOTH PLANS ARE TO BE IMPLEMENTED SIMULTANEOUSLY AND ALL EROSION CONTROL MEASURES TO REMAIN UNTIL DISTURBED AREAS ARE STABILIZED.

SEE DETENTION POND DETAILS FOR GRADING OF THIS AREA

REMAINING PROPERTY OF PALM LAND COMPANY, L.C.

EG-1 W/EG-1 CLASS I TYPE B RIP-RAP 6' WIDE x 6' LONG x 2' MIN. DEPTH

NOTE: SEDIMENT BASIN TO REMAIN IN PLACE UNTIL GRADED AREAS IN SECTION 2 ARE STABILIZED.

FUTURE STREET

FUTURE DEVELOPMENT

DO NOT INSTALL SILT FENCE IN STREAM BED

SEE SHEET 2 FOR GRADING OF THIS AREA

DRAINAGE AREA FOR DIVERSION CHANNEL 4.8 AC

FUTURE EXTENSION OF MONET DRIVE

SEE SECTION 1 FOR CONTINUATION OF GRADING & SAN. SWR.

EXIST. FORCEMAIN

EXIST. 12" WATER

EXIST. 10' WATER EASM'T.

EXIST. 8" GAS

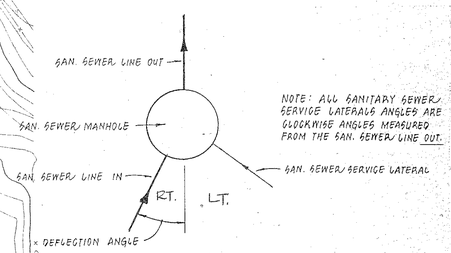
EXIST. 50' GAS EASM'T

LIFT STATION

NOTE: END GRADING OF MONET DRIVE AT STA. 22+50

REMAINING PROPERTY OF PALM LAND COMPANY, L.C.

PROPERTY OF U.S. GOVERNMENT (BLUE RIDGE PARKWAY)

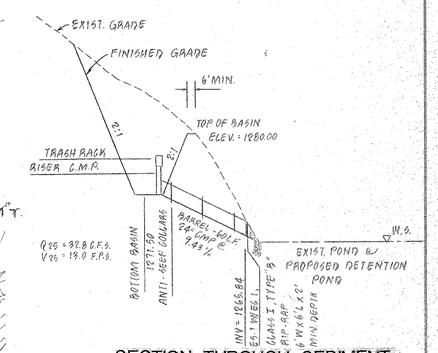


NOTE: ALL SANITARY SEWER SERVICE LATERALS ANGLES ARE CLOCKWISE ANGLES MEASURED FROM THE SAN. SEWER LINE OUT.

MANHOLE	DEFLECTION ANGLES	SANITARY SEWER SERVICE LATERAL	SANITARY SEWER SERVICE LATERAL
1A	49° LT		
2	80° RT	180°	
3	22° RT		
4	18° LT		
	117° LT		
5	30° LT		
6	13° LT		
10	0° RT	270°	
11	90° RT	135°	270°
12	35° RT		
	60° LT		

RISER DIAMETER = 42"
RISER CREST ELEV. = 1277.0'
DEWATERING ORIFICE ELEV. = 1274.75'
DIA. DEWATERING ORIFICE = 7"
DIA. DEWATERING TUBING = 10"
CLEANOUT ELEV. = 1273.35'
BARREL LENGTH = 60 L.F.
BARREL DIA. = 24"
TRASH RACK DIA. = 60"
TRASH RACK HEIGHT = 19"
ANTI-SEEP COLLARS = 3
COLLAR SIZE = 5.5'X5.5'

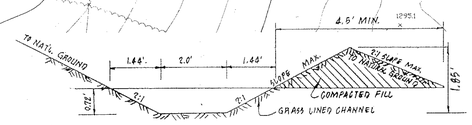
FOR ADDITIONAL DETAILS AND SPECIFICATIONS OF THE SEDIMENT BASIN SEE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK.



SECTION THROUGH SEDIMENT BASIN AT PRINCIPLE SPILLWAY

NOTE: THE CONTRACTOR SHALL NOTIFY EAST TENNESSEE NATURAL GAS PIPELINE AT (703) 429-5411 PRIOR TO ANY WORK WITHIN THE 50' GAS EASEMENT

THIS PLAN FOR EROSION CONTROL PURPOSES ONLY !



DIVERSION CHANNEL SECTION

NO SCALE

AREA	4.80 AC.
T_c	18 MIN.
I_{10}	4.3 IN./HR.
Q_{10}	11.0 C.F.S.
S/A	6.5 %
d	0.71 F.T.
V_{10}	4.6 F.P.S.

REVISION	DATE	DESCRIPTION
1	11-10-94	INCREASED LIMITS of DISTURBED AREA AT POND EMBANKMENT

DESIGNED MSW
DRAWN MS
CHECKED MSW

EROSION CONTROL PLAN
FOR
SANITARY SEWER EXTENTION
"SECTION No. 1 & 2, BEASLEY NORTH"
PREPARED FOR
PALM LAND COMPANY, L.C.
CAVE SPRING MAGISTERIAL DISTRICT
ROANOKE COUNTY, VIRGINIA

COMMONWEALTH OF VIRGINIA
MICHAEL S. WEBB
No. 012656
11/14/94
PROFESSIONAL ENGINEER

LUMSDEN ASSOCIATES, P.C.
ENGINEERS-SURVEYORS-PLANNERS
ROANOKE, VIRGINIA

SCALE: 1" = 50'
COMM: 94-848
DATE: 15 DEC. 1994
SHEET 10 of 12

SC-0402