

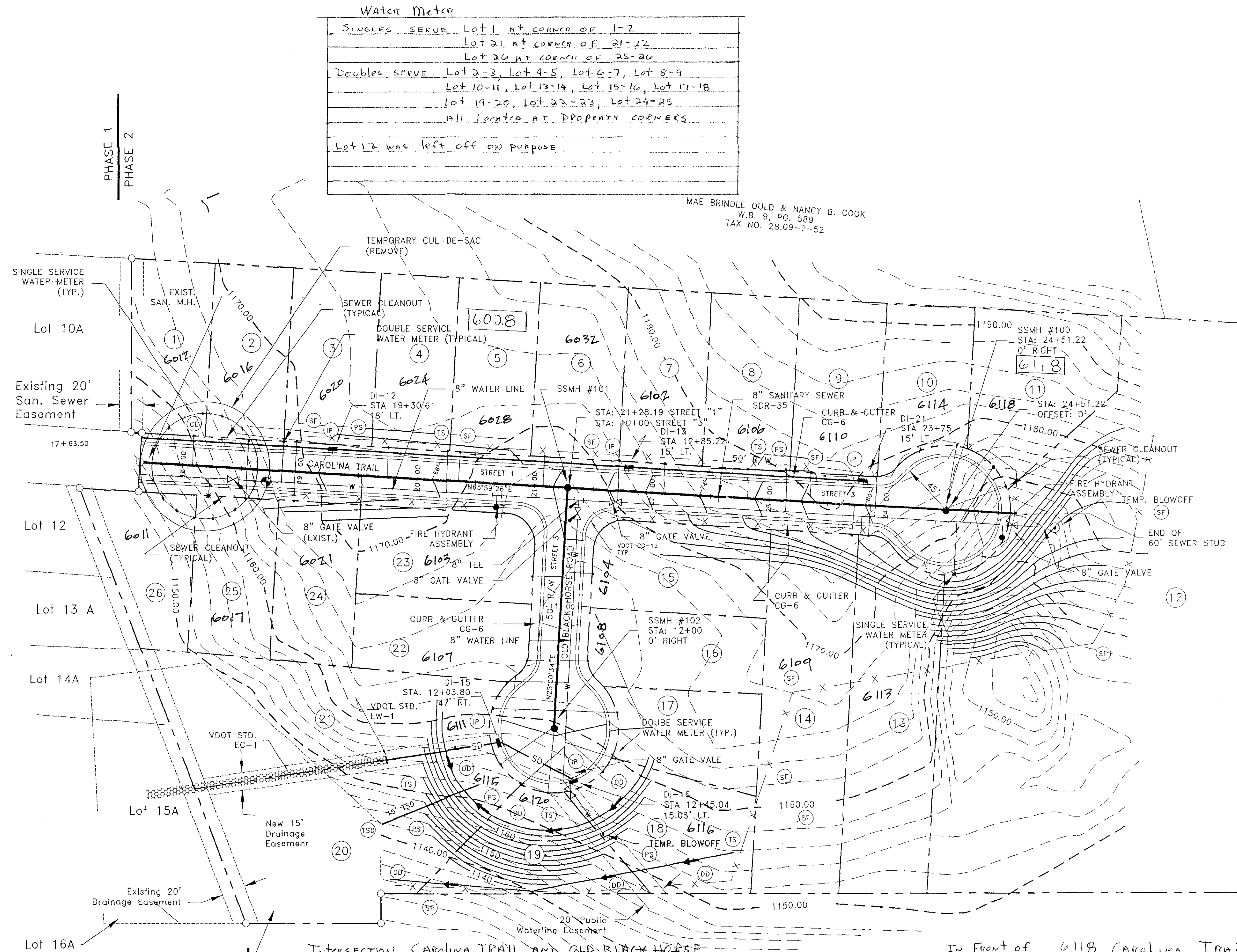
NOTES:

1. BENCH MARK CHISELED ON CORNER OF CONCRETE WALK IN FRONT OF EXISTING HOUSE ADJACENT TO COLD HOLLINS ROAD. BENCH MARK ELEVATION = 1170.53
2. FILLS SHALL BE COMPACTED TO 95% STANDARD PROCTOR. DOCUMENTATION OF COMPACTION AROUND ROANOKE COUNTY UTILITIES FROM AN INDEPENDENT SOILS TEST LAB WILL BE REQUIRED.
3. WATER LINES SHALL BE LAID AT LEAST 10' HORIZONTALLY FROM SEWER LINES. IF THIS HORIZONTAL SEPARATION CAN NOT BE MET, THEN THE BOTTOM OF THE WATERLINE SHALL BE AT LEAST 18" ABOVE THE TOP CROWN OF THE SEWER SYSTEMS.

Lot	Length from Manhole	Distance off Sewer	Depth of Cleanout
1	0+24	23'	6.5'
2	0+90	23'	6.5'
3	1+64	23'	8.0'
4	2+32	23'	8.5'
5	3+00	23'	7.0'
6	0+05	19'	8.0'
7	0+57	19'	8.0'
8	1+22	19'	7.5'
9	1+82	19'	7.5'
10	2+47	19'	9.0'
11	3+07	19'	7.0'
12	LEFT OFF ON PURPOSE		
13	2+77	29'	7.0'
14	2+12	29'	5.0'
15	0+77	24'	8.5'
16	1+26	24'	6.5'
17	1+70	24'	4.0'
18	54' FROM MANHOLE		4.0'
19	56' FROM MANHOLE		4.0'
20	54' FROM MANHOLE		4.0'
21	1+72	24'	4.0'
22	1+24	24'	6.0'
23	0+75	24'	7.6'
24	1+51	25'	7.0'
25	0+82	25'	7.0'
26	0+20	25'	6.0'

* 8x4 T's used at Internal Connections

Depth of Sewer Manhole
101 11.8'
100 13.9'
102 4.0'



TAX NO. 28.09-2-50
W.B. 616, PG. 294
MAE BRINDLE OULD

INTERSECTION CAROLINA TRAIL AND OLD BLACK HORSE

From	LEFT FRONT CORNER	RIGHT FRONT CORNER
From 6028 Carolina Trail	68.5'	78.0'
Fire Hydrant "T"	74.5'	83.0'
Fire Hydrant Valve	83.5'	91.5'
From 6028 Carolina Trail	94.0'	102.5'
Valve Down Black Horse	93.0'	101.5'
Valve on Carolina	90.0'	98.5'
"T" Down Black Horse		

END OF OLD BLACK HORSE

From	DI-15	DI-16
22° Bend	68.0'	11.0'
Temp Blow-off Valve	63.0'	11.0'
Temp Blow-off	109.0'	46.0'

NYNA S. MURRAY
W.B. 44, PG. 1782
D.B. 481, PG. 324
TAX NO. 28.09-2-4

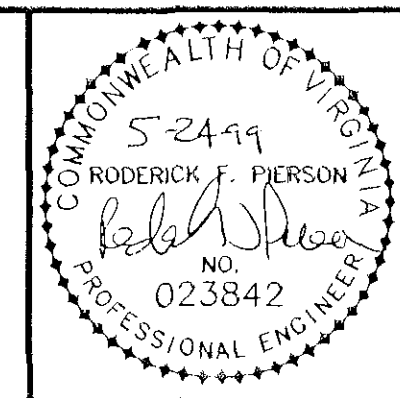
IN FRONT OF 6118 CAROLINA TRAIL

From	DI-13	DI-21
Fire Hydrant	258.0'	56.0'
Fire Hydrant Valve	257.5'	52.0'
Fire Hydrant "T"	256.5'	47.0'
Air Release	257.5'	48.0'
Temp Blow-off Valve	261.0'	51.0'
Temp Blow-off	302.5'	90.0'

PIERSON ENGINEERING AND SURVEYING
RODERICK F. PIERSON
P.O. BOX 311
710 ROANOKE ROAD
DALEVILLE, VIRGINIA 24083
(540)966-3027

REV	DATE	DESCRIPTION	BY	APP

ROADWAY, GRADING & UTILITIES AND E & S PLAN
FOR
BELLE GROVE - PHASE II
ROANOKE COUNTY, VIRGINIA



SCALE: 1" = 50'
COMM. NO. R98118
DATE: MAY 19, 1999
SHEET 4 OF 13