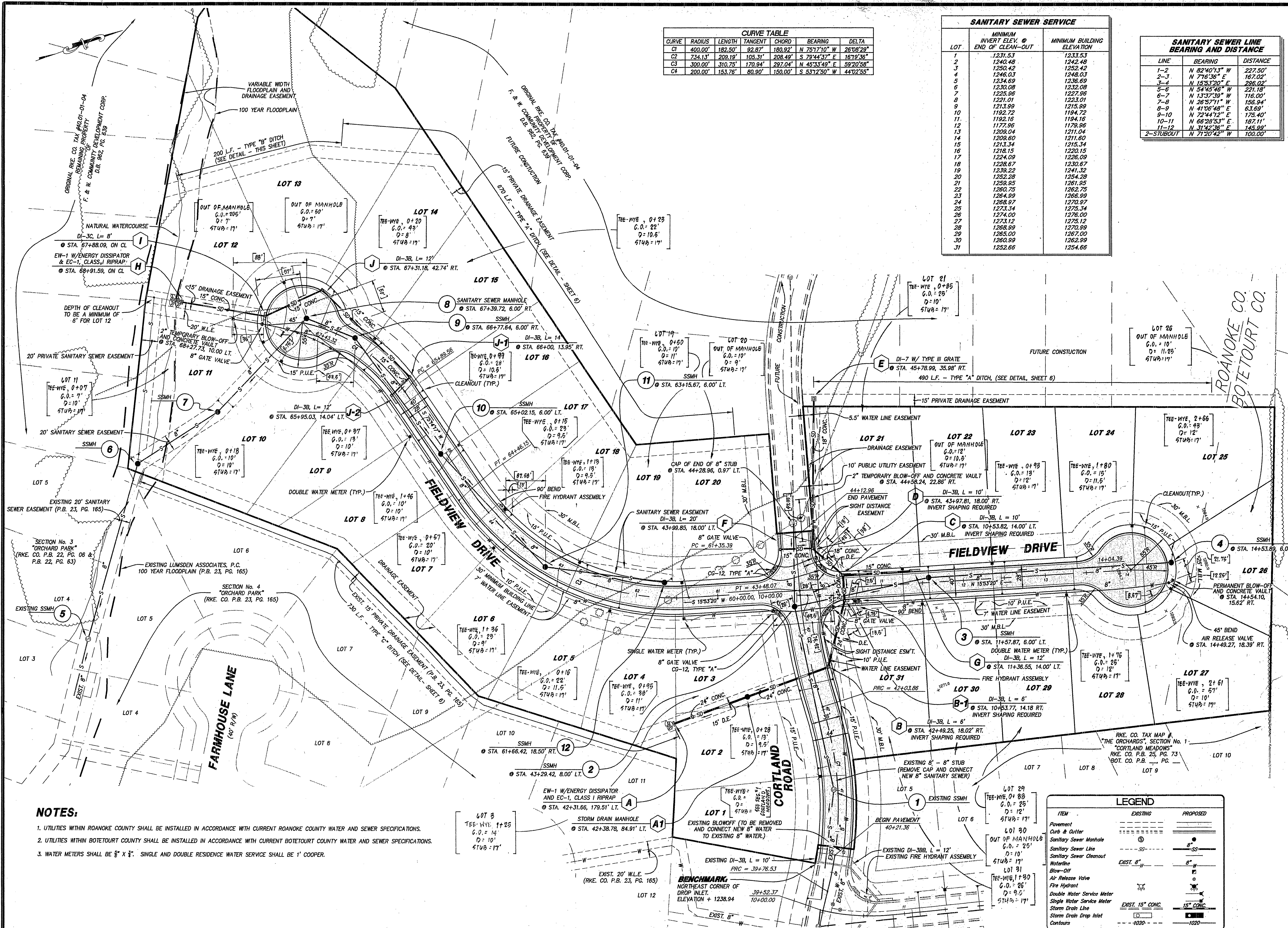


CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	400.00'	182.50'	92.87'	180.92'	N 75°17'10" W	26°08'29"
C2	734.13'	209.19'	105.31'	208.49'	S 79°44'37" E	16°19'36"
C3	300.00'	310.75'	170.94'	292.04'	N 45°33'49" E	59°20'58"
C4	200.00'	153.76'	80.90'	150.00'	S 53°12'30" W	44°02'55"

SANITARY SEWER SERVICE		
LOT	MINIMUM INVERT ELEV. @ END OF CLEAN-OUT	MINIMUM BUILDING ELEVATION
1	1231.53	1233.53
2	1240.48	1242.48
3	1250.42	1252.42
4	1248.03	1248.03
5	1234.69	1236.69
6	1230.08	1232.08
7	1225.96	1227.96
8	1221.01	1223.01
9	1213.99	1215.99
10	1192.72	1194.72
11	1192.16	1194.16
12	1177.96	1179.96
13	1209.04	1211.04
14	1209.60	1211.60
15	1213.34	1215.34
16	1218.15	1220.15
17	1224.09	1226.09
18	1228.67	1230.67
19	1239.22	1241.22
20	1252.28	1254.28
21	1259.95	1261.95
22	1260.75	1262.75
23	1264.99	1266.99
24	1268.97	1270.97
25	1273.34	1275.34
26	1274.00	1276.00
27	1273.12	1275.12
28	1268.99	1270.99
29	1265.00	1267.00
30	1260.99	1262.99
31	1252.66	1254.66

SANITARY SEWER LINE BEARING AND DISTANCE		
LINE	BEARING	DISTANCE
1-2	N 82°40'13" W	227.50'
2-3	N 71°36" E	167.02'
3-4	N 15°33'20" E	286.02'
4-5	N 54°45'46" W	221.18'
5-6	N 13°37'39" W	116.00'
6-7	N 26°57'11" W	156.94'
7-8	N 41°00'49" E	63.69'
8-9	N 72°44'12" E	175.40'
9-10	N 66°28'53" E	187.11'
10-11	N 31°42'36" E	145.89'
11-12	N 71°20'42" W	100.00'



NOTES:

- UTILITIES WITHIN ROANOKE COUNTY SHALL BE INSTALLED IN ACCORDANCE WITH CURRENT ROANOKE COUNTY WATER AND SEWER SPECIFICATIONS.
- UTILITIES WITHIN BOTETOURT COUNTY SHALL BE INSTALLED IN ACCORDANCE WITH CURRENT BOTETOURT COUNTY WATER AND SEWER SPECIFICATIONS.
- WATER METERS SHALL BE 8" X 3/4". SINGLE AND DOUBLE RESIDENCE WATER SERVICE SHALL BE 1" COOPER.

LEGEND		
ITEM	EXISTING	PROPOSED
Pavement	---	---
Curb & Gutter	---	---
Sanitary Sewer Manhole	⊙	⊙
Sanitary Sewer Line	---	---
Sanitary Sewer Cleanout	---	---
Waterline	---	---
Waterline Blow-Off	---	---
Air Release Valve	⊙	⊙
Fire Hydrant	⊙	⊙
Double Water Service Meter	---	---
Single Water Service Meter	---	---
Storm Drain Line	---	---
Storm Drain Drop Inlet	---	---
Contours	---	---

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

LA

COMMUNITY DEVELOPMENT CORP.
MICHAEL S. WEBB
No. 012656
6-7-02
PROFESSIONAL ENGINEER

THE ORCHARDS SECTION No. 2
CORTLAND MEADOWS
PREPARED FOR
F&W. COMMUNITY DEVELOPMENT CORP.
HOLLIS MAGISTERIAL DISTRICT - ROANOKE COUNTY, VIRGINIA
VALLEY MAGISTERIAL DISTRICT - BOTETOURT COUNTY, VIRGINIA

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REVISIONS

NO.	DATE	DESCRIPTION
1	1/27/03	45-BUILT SANITARY SEWER AND WATER

DATE: 3 JUNE 2002

SCALE: 1" = 50'

COMMISSION NO: 01-307

CADD FILE: 6107ENQVEPLANS1030700MP

SHEET 5 OF 12

WWW.ID# 6PVJHL