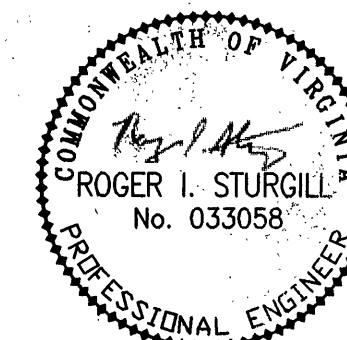




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CARDINAL MEADOWS

ROAD PROFILES

CATAWBA
ROANOKE COUNTY, VIRGINIA

DRAWN BY: BTC
DESIGNED BY: BTC
CHECKED BY: RIS
DATE: 12-21-05
REVISIONS:
2-24-06
4-14-06
6-5-06

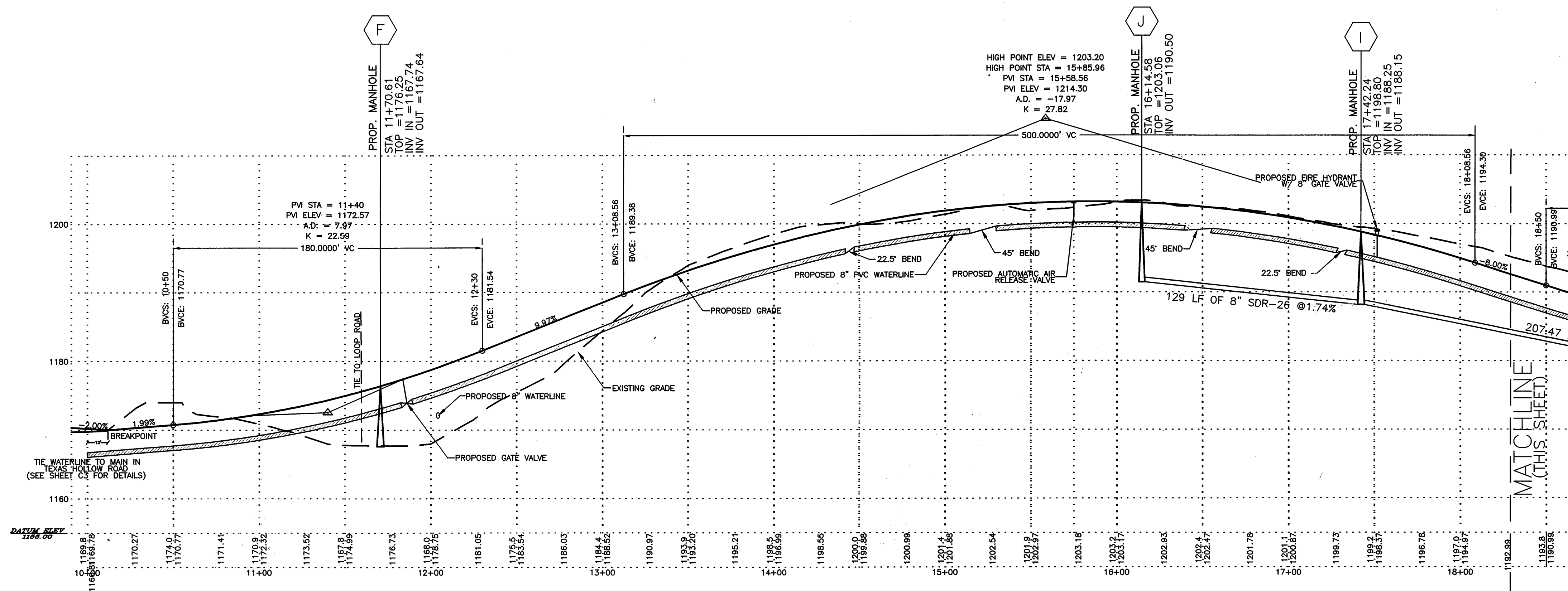
SCALE:

SHEET NO.

C6

JOB NO.

R0500233.00



ROAD PROFILE

HORIZONTAL 1"=40'
VERTICAL 1"=10'

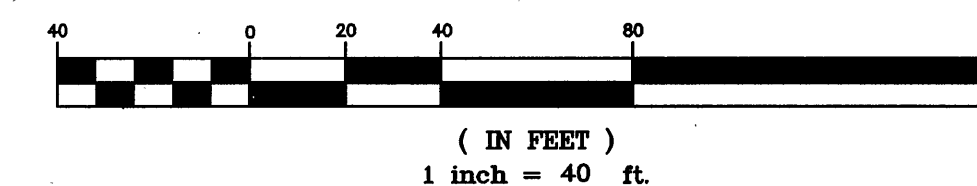
CURVE TABLE

L=62.15' R=130.54' D=27°16'39" T=31.67 CB=N86°17'59"W CH=61.56 C1	L=51.15' R=131.98' D=22°12'23" T=25.90 CB=S85°25'11"E CH=50.83 C2	L=199.70' R=125.47' D=91°11'41" T=128.11 CB=N50°41'21"W CH=179.28 C3
L=168.64' R=138.72' D=69°39'11" T=96.51 CB=N31°32'51"E CH=158.44 C4	L=57.71' R=1040.39' D=3°10'41" T=28.86 CB=S64°39'35"W CH=57.70 C5	L=236.18' R=126.63' D=106°51'48" T=170.70 CB=S63°29'54"E CH=203.40 C6

LINE TABLE

L1 321.97' N 84° 42' 16" E	L2 56.24' S 64° 01' 00" E	L3 133.89' N 13° 07' 14" W
----------------------------------	---------------------------------	----------------------------------

GRAPHIC SCALE



SANITARY SEWER
STRUCTURE SCHEDULE

EX	EXISTING MANHOLE TOP=1164.65 INV IN=1157.10 INV OUT=1157.00 SHELF=1157.80 W/VDOT STD 106.09
A	PROPOSED MANHOLE TOP=1163.00 INV IN=1158.11 INV OUT=1158.01 W/VDOT STD 106.09
B	PROPOSED MANHOLE TOP=1163.00 INV IN=1164.42 INV OUT=1164.32 W/VDOT STD 106.14
C	PROPOSED MANHOLE TOP=1170.54 INV IN=1166.64 INV OUT=1166.54
D	PROPOSED MANHOLE TOP=1192.00 INV IN=1184.87 INV OUT=1184.77 W/VDOT STD 106.09
F	PROPOSED MANHOLE TOP=1176.25 INV IN=1167.74 INV OUT=1167.64 W/VDOT STD 106.09
G	PROPOSED MANHOLE TOP=1182.10 INV IN=1169.00 INV OUT=1169.00 W/VDOT STD 106.09
H	PROPOSED MANHOLE TOP=1184.60 INV IN=1178.10 INV OUT=1178.00 W/VDOT STD 106.09
I	PROPOSED MANHOLE TOP=1198.80 INV IN=1188.25 INV OUT=1188.15 W/VDOT STD 106.09
J	PROPOSED MANHOLE TOP=1203.06 INV IN=1190.50 INV OUT=1190.40 W/VDOT STD 106.09
K	PROPOSED MANHOLE TOP=1177.94 INV IN=1168.47 INV OUT=1168.37 W/VDOT STD 106.09

STORM SEWER
STRUCTURE SCHEDULE

DI-3B (8')	PROPOSED DI-3B (8') TOP=1179.00 INV IN=1171.74 INV OUT=1171.74 W/VDOT STD 106.09
26.50 LF OF 15"	RCP @ 4.26%
DI-3B (6')	PROPOSED DI-3B (6') TOP=1178.07 INV IN=1170.61 INV OUT=1170.51 W/VDOT STD 106.09
DI-1	PROPOSED DI-1 TOP=1175.75 INV OUT=1171.75
30 LF OF 15"	RCP @ 3.80%
32.50 LF OF 15"	RCP @ 1.00%
DI-3B (4')	PROPOSED DI-3B (4') TOP=1175.51 INV IN=1169.75 INV OUT=1169.65 W/VDOT STD 106.09
96.50 LF OF 15"	RCP @ 5.40%
58.00 LF OF 15"	RCP @ 1.00%
DI-3B (10')	PROPOSED DI-3B (10') TOP=1170.85 INV IN=1165.95 INV OUT=1165.85 W/VDOT STD 106.09
42.50 LF OF 15"	RCP @ 1.00%
DI-3B (8')	PROPOSED DI-3B (8') TOP=1170.85 INV IN=1165.95 INV OUT=1165.85 W/VDOT STD 106.09
42.50 LF OF 15"	RCP @ 1.00%

