

C1	C2
PI STA=13+26.96 Δ = 83°08'57" L = 362.81' T = 221.76' R = 250'	PI STA=19+68.22 Δ = 241°44'7" L = 105.79' T = 53.70' R = 250'

C3	C4
PI STA=11+10.26 Δ = 49°08'02" L = 102.91' T = 54.86' R = 120'	PI STA=14+42.60 Δ = 75°20'23" L = 157.79' T = 92.65' R = 120'

DRAINAGE AREA #1: (WOODED)
 $A = (1.075 \times 820) / (43,560) = 20.24$ Acres
 $Let C = 0.2, i = 6.7$
 $Q_{25} = CIA$
 $Q_{25} = (0.2) \times (6.7) \times (20.24) = 27.1$ cfs
 $Let n = 0.024, s = 1.6\%$
 $D = 16 \left[\frac{(Q)(n)}{(\sqrt{s})} \right]^{.375}$
 $D = 16 \left[\frac{(27.1)(0.024)}{(\sqrt{0.024})} \right]^{.375}$
 $D = 10"$
 Use $D = 30"$ CMP

DRAINAGE AREA #2: (DRIVE PIPE OFF NC 218)
 $A = (500 \times 20) / (43,560) = 0.3$ Acres
 $Let C = 0.7, i = 8.0$
 $Q_{25} = CIA$
 $Q_{25} = (0.7) \times (8.0) \times (0.3) = 1.7$ cfs
 $Let n = 0.024, s = 2.7\%$
 $D = 16 \left[\frac{(Q)(n)}{(\sqrt{s})} \right]^{.375}$
 $D = 16 \left[\frac{(1.7)(0.024)}{(\sqrt{0.027})} \right]^{.375}$
 $D = 10"$
 Use $D = 15"$ CMP

I, JAMES M. DENNIS, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DEED DESCRIPTION RECORDED IN BOOK 148, PAGE 311); THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION FOUND IN BOOK 148, PAGE 311; THAT THE RATIO OF PRECISION AS CALCULATED IS 1:PRECISION; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH G.S. 47-30 AS AMENDED.
 WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER AND SEAL THIS DAY OF MONTH, 20YR A.D.

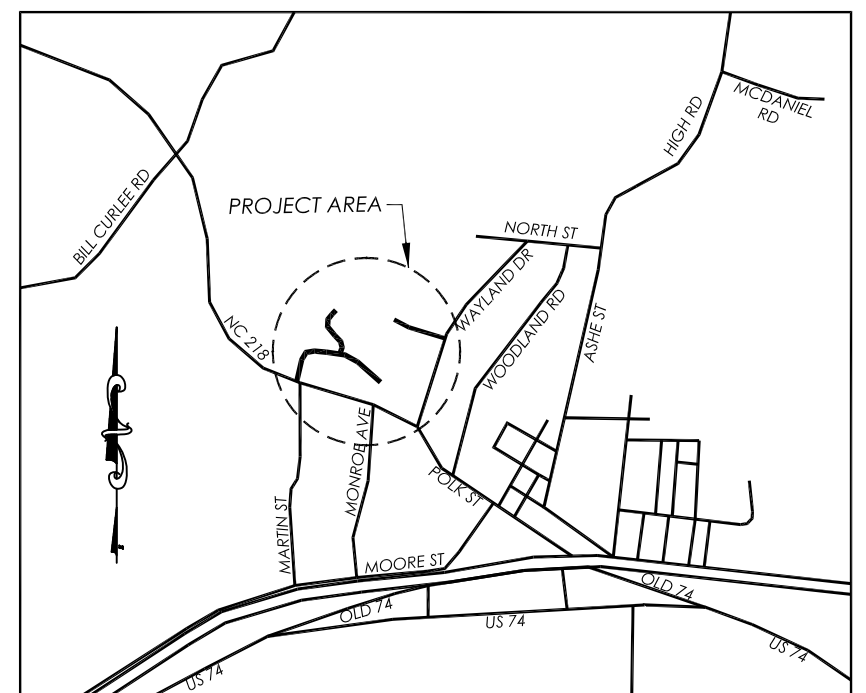
SURVEYOR
 LICENSE NUMBER

CERTIFICATE OF APPROVAL FOR RECORDING
 I HEREBY CERTIFY THAT THE SUBDIVISION PLAT SHOWN HEREON HAS BEEN FOUND TO COMPLY WITH THE TOWN OF POLKTON SUBDIVISION REGULATIONS, AND IT HAS BEEN APPROVED BY THE TOWN OF POLKTON PLANNING BOARD AT THEIR REGULAR MEETING OF FOR RECORDING IN THE OFFICE OF THE REGISTER OF DEEDS.

DATE _____ CLERK, TOWN OF POLKTON PLANNING BOARD

DEDICATED ROAD RIGHT-OF-WAYS FOR INGRESS, EGRESS, AND GENERAL ROADWAY PURPOSES, AND FOR CONSTRUCTION AND REPAIR OF PUBLIC UTILITIES TO SERVE THE DEVELOPMENT.
 FIVE (5) FOOT WIDE PRIVATE UTILITY EASEMENT FOR CONSTRUCTION AND REPAIR OF THE ELECTRIC UTILITY PROVIDED ADJACENT TO ALL ROADWAYS IN THE DEVELOPMENT.

ZONING AG AS OF NOVEMBER 30, 2005
 (THERE IS A REQUEST TO CHANGE THE ZONING TO R1)



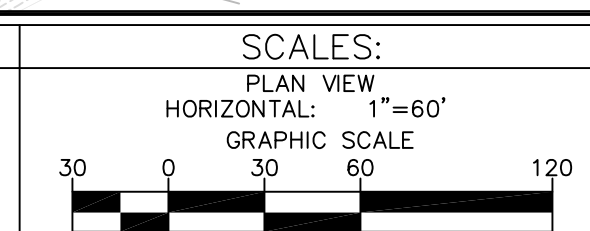
SETBACKS
 FRONT 50'
 SIDE 15'
 REAR 30'
 25' FROM PERENNIAL WATERS

GENERAL NOTE:
 COMMON AREAS AND 25' BUFFERS WILL BELONG TO GRIFFIN MILL ESTATES HOME OWNERS ASSOCIATION AND ARE TO BE MAINTAINED AS SET FORTH IN CONVEYANCES.

UTILITY NOTES:
 ALL SANITARY SEWER FROM ELEVATIONS TO BE VERIFIED BY CONTRACTOR PRIOR TO OPENING MANHOLES.
 1-800-632-6949
 AVOID UTILITY DAMAGE

NO.	DATE	BY	REVISIONS:
1	3/13/06	CLS	REVISED SANITARY SEWER
2	3/13/06	CLS	REVISED PROPERTY LINES ON LOTS 7 & 8

PLANS PREPARED BY:
James M. Dennis Engineering & Surveying
 P.O. Box 725
 Wadesboro, NC 28170
 704-594-4373 (phone)
 704-695-5631 (alt)

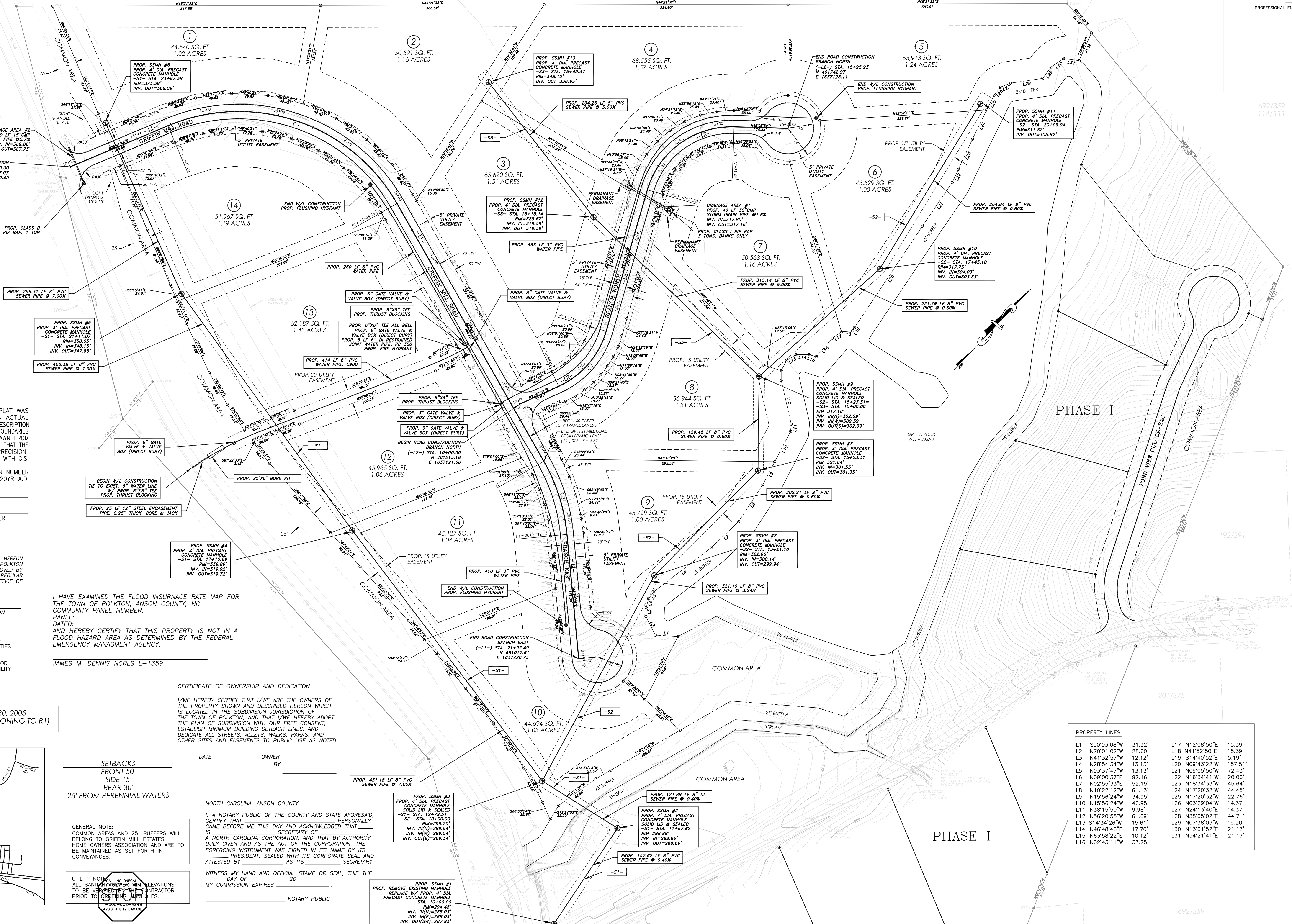


SCALES:
 PLAN VIEW: 1"=60'
 HORIZONTAL: 1"=60'
 GRAPHIC SCALE

JOB NUMBER: 2005870.00
 SURVEYED BY: B.D.D.
 DESIGNED BY: C.L.S.
 APPROVED BY: J.M.D.
 PROJECT ENG.: J.M.D.

TOWN OF POLKTON
 LANESBORO TOWNSHIP, ANSON COUNTY, NC
 GRIFFIN MILL ESTATES
 PHASE II

PLAN SHEET



PROPERTY LINES

L1	S50°03'08"W	31.32'	L17	N12°08'50"E	15.39'
L2	N7°01'10"W	28.60'	L18	N41°52'50"E	15.39'
L3	N41°32'57"W	12.12'	L19	S14°40'52"E	5.19'
L4	N28°54'34"W	13.13'	L20	N09°43'22"W	157.51'
L5	N03°37'47"W	13.13'	L21	N09°05'50"W	72.43'
L6	N09°00'37"E	97.16'	L22	N16°34'41"W	20.00'
L7	N02°55'33"E	52.19'	L23	N18°34'33"W	45.64'
L8	N10°22'12"W	61.13'	L24	N17°20'32"W	44.45'
L9	N15°56'24"W	34.95'	L25	N17°20'32"W	22.76'
L10	N15°56'24"W	46.95'	L26	N03°29'04"W	14.37'
L11	N38°15'50"W	9.98'	L27	N24°13'40"E	14.37'
L12	N58°20'55"W	61.69'	L28	N38°05'02"E	44.71'
L13	S14°34'26"W	15.61'	L29	N07°38'03"W	19.20'
L14	N46°48'46"E	17.70'	L30	N13°01'52"E	21.17'
L15	N63°58'22"E	10.12'	L31	N54°21'41"E	21.17'
L16	N02°43'11"W	33.75'			