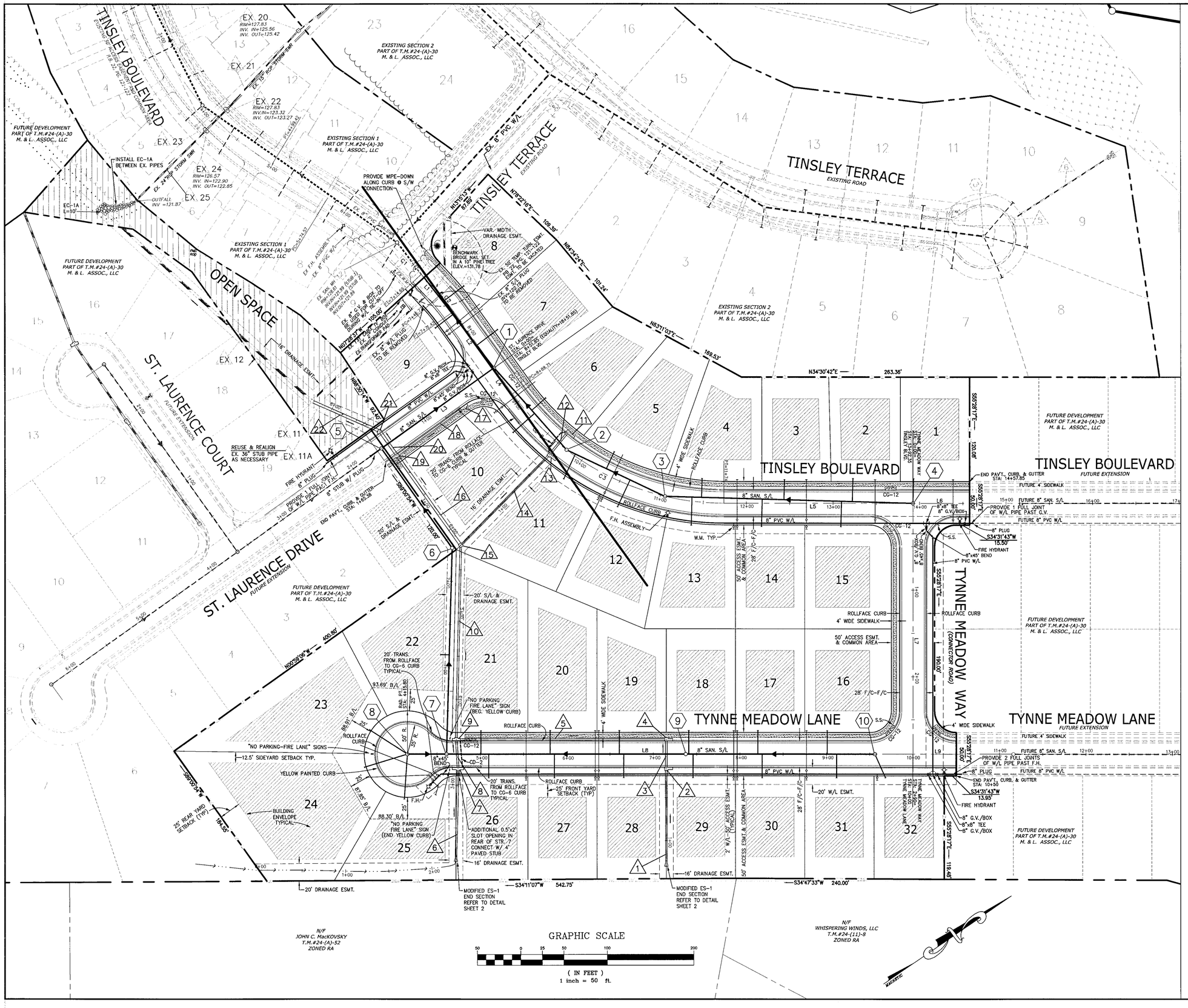

STORM SEWER SCHEDULE

1. PIPE LENGTHS ARE MEASURED FROM CENTER TO CENTER OF STRUCTURE
2. VDOT STD. ST-1 STEPS ARE REQUIRED FOR ALL STRUCTURES WITH A HEIGHT GREATER THAN OR EQUAL TO 4.0 FT.
3. REFER TO PLAN SHEETS FOR INLETS WHERE UNDERDRAIN CONNECTIONS OCCUR.

1	112.50 LF OF 15" CL III RCP @ 4.00 % INV. IN=138.40, INV. OUT=133.90 (W/ MOD. ES-1)
2	D1-3B, TOP = 137.90, L=8', H=4.100' WITH TYPE "A" NOSE
3	34 LF OF 15" CL III RCP @ 1.00 % INV. IN=133.80, INV. OUT=133.46
4	D1-3B, TOP = 137.90, L=8', H=4.54' WITH TYPE "A" NOSE AND IS-1
5	242.73 LF OF 15" CL III RCP @ 2.13 % INV. IN=133.36, INV. OUT=128.18
6	106.95 LF OF 15" CL III RCP @ 5.97 % INV. IN=135.00, INV. OUT=126.62 (W/ MOD. ES-1)
7	D1-3C, TOP = 132.72, L=12', H=4.20' WITH ADDITIONAL 0.5'x2.0' SLOT OPENING IN REAR OF INLET CONNECTING TO A 4' PAVED STUB WITH TYPE "B" NOSE; ALLOW CONNECTION FOR CD-2
8	34.06 LF OF 18" CL III RCP @ 1.00 % INV. IN=128.52, INV. OUT=128.18
9	D1-3C, TOP = 132.72, L=8', H=4.64' WITH TYPE "B" NOSE AND IS-1 ALLOW CONNECTION FOR CD-2
10	224.67 LF OF 24" CL III RCP @ 0.50 % INV. IN=128.08, INV. OUT=126.96
11	D1-3B, TOP = 132.76, L=10', H=4.80' WITH TYPE "A" NOSE ALLOW CONNECTION FOR CD-2
12	34 LF OF 18" CL III RCP @ 0.50 % INV. IN=127.96, INV. OUT=127.79
13	D1-3B, TOP = 132.76, L=10', H=5.07' WITH TYPE "A" NOSE ALLOW CONNECTION FOR CD-2
14	145.88 LF OF 24" CL III RCP @ 0.50 % INV. IN=127.69, INV. OUT=126.96
15	D1-7B, TOP = 131.65, H=4.79' WITH TYPE III GRATE TOP AND IS-1
16	126.75 LF OF 36" CL III RCP @ 0.50 % INV. IN=126.86, INV. OUT=126.22
17	D1-3C, TOP = 130.68, L=6', H=3.98' WITH TYPE "B" NOSE
18	95.55 LF OF 15" CL III RCP @ 0.50 % INV. IN=126.70, INV. OUT=126.22
19	D1-3B, TOP = 131.39, L=10', H=5.27' WITH TYPE "A" NOSE AND IS-1
20	34 LF OF 36" CL III RCP @ 0.50 % INV. IN=126.12, INV. OUT=125.95
21	D1-3B, TOP = 131.39, L=4', H=5.54' WITH TYPE "A" NOSE
22	85.64 LF OF 36" CL III RCP @ 2.64 % INV. IN=125.85, INV. OUT=123.59 (REUSE & REALIGN EX. 36" PIPE STUB AS NECESSARY)

SANITARY SEWER SCHEDULE

LINE TABLE

LINE	DIRECTION	DISTANCE
1-2	N82°55'23"E	126.21'
1-5	S00°59'06"E	159.97'
2-3	N59°44'13"E	125.70'
3-4	N36°05'37"E	286.54'
5-6	N89°00'54"E	140.63'
5-STUB	S00°59'06"E	15.41'
6-7	S53°53'52"E	238.43'
7-8	S34°31'43"W	45.17'
8-9	N34°31'43"E	276.42'
9-10	N34°31'43"E	218.66'
EX. STUB-1	N87°01'26"E	108.35'

NOTE: A "W" AND "S" SHALL BE STAMPED ON THE CURB WHILE THE CONCRETE IS STILL WET. THESE MARKS SHALL INDICATE THE ACTUAL LOCATION OF THE WATER AND SEWER CONNECTIONS FOR EACH LOT.

C/L ROAD DATA

CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	DELTA	CHORD BEARING	CHORD
C1	500.00'	45.53'	22.78'	5°13'04"	S78°21'19"W	45.52'
C2	200.00'	24.65'	12.34'	7°03'42"	S85°29'03"W	24.63'
C3	300.00'	285.29'	154.47'	54°29'11"	N61°46'18"E	274.66'

LINE TABLE

LINE	DIRECTION	DISTANCE
L1	N 81°57'12" E	32.08'
L2	N 89°00'54" E	80.43'
L3	S 00°59'06" E	139.14'
L4	N 89°00'54" E	36.86'
L5	N 34°31'43" E	218.35'
L6	N 34°31'43" E	50.00'
L7	S 55°28'17" E	290.00'
L8	S 34°31'43" W	584.20'
L9	N 34°31'43" E	36.05'

COMMONWEALTH OF VIRGINIA
DERRICK A. JOHNSON
No. 24761
05-23-05
PROFESSIONAL ENGINEER

VIRGINIA | NORTH CAROLINA | WEST VIRGINIA

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DATE	REVISION DESCRIPTION
04-08-2005	COUNTY PLANNING, ENGINEERING, & BUILDING INSPECTION COMMENTS
05-23-2005	CHANGED ROAD NAME AT CROSS-OVER TO TYNNE MEADOW WAY

DATE	10-05-2004
DRAWN BY	L. GILLIAM
DESIGNED BY	D. JOHNSON
CHECKED BY	
SCALE	AS SHOWN

TIMMONS GROUP

TINSLEY CHARTER * SECTION 3

BLAND DISTRICT * PRINCE GEORGE COUNTY, VIRGINIA

DEVELOPMENT PLAN

JOB NO. 21854

SHEET NO. 3

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