S&EC

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Attached is a proposed design for a Gravity Distribution Septic System for a 3 bedroom single family residence on lot 32 Wheatfield in Iredell County, North Carolina.

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March 4, 2008
S & EC Project No. 5-1862
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Wheatfield Lot 32

Project No. 5-1862

LAYOUT FOR 3 BEDROOM HOME — March-08

LINE #	FLAG COLOR	BS	HI	FS	ELEVATION	FLAGGED LINE LENGTH
TBM		4.0			100.00	
INSTR. 1			104.00			
			Repair			
1	Pink			4.30	99.70	70
2	Blue			4.80	99.20	95
3	Yellow			4.90	99.10	175
			System		**Total**	**340**
4	Orange			5.00	99.00	150
5	Red			5.30	98.70	150
					Total	**300**

	LINE LENGTH	Soil LTAR	SYSTEM TYPE	Innovative Type	DISTRIBUTION	Trench Depth
SYSTEM	300	0.3	Innovative	25%	Drop Box	24
REPAIR	340	0.3	Innovative	25%	Drop Box	24

Notes:

**TBM is 4.0 top of back left property stake

**Nitrification lines are demonstrated on contour via colored pin flags

**BS, HI, and FS indicate rod readings

**Lines may be longer in field than design requires