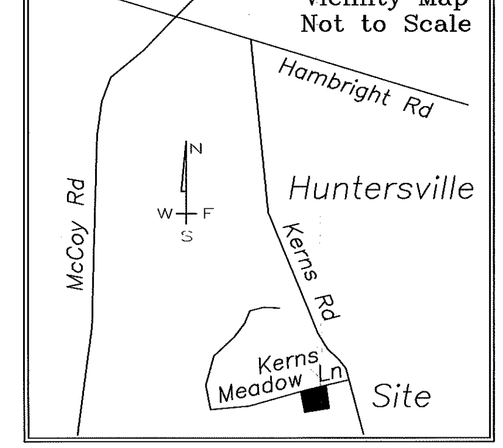
LINE TABLE		
LINE	LENGTH	BEARING
L1	21.27	S06°35'45"W
L2	32.71	N69°10'21"E
L3	16.90	N69°10'21"E
L4	36.67	N06°35'45"E
L5	15.01	S01°56'48"W

CURVE TABLE				
CURVE	LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	57.62	375.00	S89°31'42"W	57.56
C2	79.82	166.14	N81°05'54"W	79.05
C3	36.28	166.14	N61°04'47"W	36.20
C4	41.25	151.14	S59°05'09"E	41.12
C5	73.75	151.14	S80°52'58"E	73.02
C6	59.31	390.00	N89°29'49"E	59.26



EX. 3-INCH PVC TURN-UP

±32 LF OF NEW 3-INCH PVC FORCEMAIN FROM EX. PIPE TO NEW PRESSURE MANIFOLD

PRESSURE MANIFOLD
TOP ELEVATION: 730.50
6" MANIFOLD WITH 4-1/2" SCH 40 TAPS

PRIMARY NITRIFICATION FIELD
4-25% REDUCTION LATERALS AT 112 LF EACH
(28 CHAMBERS PER LATERAL).

448 LF OF LATERALS SHOWN FOR FOR REPAIR USING 25% REDUCTION SYSTEM AND SHALL REMAIN UNDISTURBED.

EXISTING ±515 LF OF 3"ø SCH 40 PVC FORCEMAIN

EX. 3-INCH PVC TURN-UP

CONTRACTOR TO HAVE ±125 LF OF 3"ø SCH 40 PVC FORCEMAIN STAKED BY A LICENSED SURVEYOR PRIOR TO EXCAVATION FOR TRENCH & INSTALLATION.

Kerns Meadow Lane
30' Private Easement

Paved Road

PROPOSED DRIVE

Lot #2
0.725 Acre
31,577 SF

4 BEDROOM RESIDENCE

PROP. CONTROL PANEL LOCATION

PROPOSED WELL LOCATION

4" PVC FROM RESIDENCE

1,000 GALLON SEPTIC TANK WITH EFFLUENT FILTER

1,000 GALLON PUMP TANK WITH PUMP & FLOATS

UNDERGROUND ELECTRICAL TO PUMP TANK FOR PUMP & FLOATS

50' WELL RADIUS

#4 Rebar Found

#015-23-125
Now or Formerly
Charles & Karen Allen
Lot #3 Kern's Meadow
Farmhouse Cluster
Map Book 48 Page 327
Deed Book 26973 Page 691

#015-23-122
Now or Formerly
Kern's Meadow Homeowners Association, Inc.
COS: Kern's Meadow - Farmhouse Cluster
Map Book 48 Page 327 - Deed Book 27632 Page 850

#015-23-123
Now or Formerly
Stephen & Sherry Neuenhamin
Lot #1 Kern's Meadow
Farmhouse Cluster
Map Book 48 Page 327
Deed Book 27757 Page 361

N85°08'15"E 115.01'
15' UTILITY EASEMENT
N85°07'56"E 62.49'
S85°08'08"W 117.09'
S85°08'08"W 60.33'
N69°25'18"E 100.67'
S69°25'17"W 83.22'
N03°39'32"E 115.15'
S01°56'48"E 199.34'
N01°56'48"E 199.34'
S02°18'59"W 162.77'
S84°29'05"W 180.00'
S85°39'32"W 49.04'

112 LF - PRIMARY
112 LF - RESERVE
112 LF - REPAIR

Inv.: 732.49
Inv.: 732.60
Inv.: 730.50
Inv.: 730.00
Inv.: 730.00

C1
C2
L1
L4

NITRIFICATION FIELD:
PROPOSED SYSTEM
4 BEDROOM RESIDENCE - 480 GPD
1,000 GALLON SEPTIC TANK
1,000 GALLON PUMP TANK
515 LF OF EX 3" SCH 40 PVC FORCEMAIN
160 LF OF NEW 3" SCH 40 PVC FORCEMAIN

6" SCH 80 PVC PRESSURE MANIFOLD WITH 4-1/2" SCH 40 TAPS

NEW LATERALS
(4) 25% REDUCTION LATERALS AT 112 LF EACH

REPAIR SYSTEM
(4) 25% REDUCTION LATERALS

GENERAL NOTES:
- *BOUNDARY & TOPOGRAPHIC DATA PROVIDED BY PIEDMONT DESIGN ASSOCIATES, PA*
- *AREA IS AVAILABLE FOR REPAIR AND SHALL REMAIN UNDISTURBED.*
- *PRIOR TO ANY SITE CONSTRUCTION, BARRICADE ALL DISPOSAL AREAS (PRIMARY & REPAIR) FROM CONSTRUCTION TRAFFIC & DEBRIS.*
- *MAINTAIN 36" BURY DEPTH ON ALL PROPOSED SUPPLY PIPING TO DRAINFIELD AREAS.*
- *CLEAR DRAIN FIELD OF ALL DEBRIS, LIMBS, ETC. CUT SMALL SAPLINGS OFF AT GROUND. LIGHTLY HAND SMOOTH ANY IRREGULAR SURFACES. REMOVE LIMBS FROM REMAINING MAJOR TREES TO A MIN OF 8' ABOVE GRADE. GRASS ALL DISPOSAL AND DISTURBED AREAS.*
- *SEED ALL DISTURBED AREAS.*
- *OBSERVE ALL SETBACKS.*

REFER TO SHEET U-2 & U-3 FOR SYSTEM DETAILS & ELEVATIONS

811 Know what's below. Call before you dig.

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

PIEDMONT DESIGN ASSOCIATES, P.A.
ENGINEERING, SURVEYING, PLANNING
Suite 101 Westfield Center, 125 East Plaza Drive

PREPARED FOR:
NIBLOCK HOMES
759 CONCORD PARKWAY NORTH, SUITE #20
CONCORD, NC 28027

SEPTIC SYSTEM SITE PLAN
25% REDUCTION ACCEPTED SYSTEM
4 BEDROOM RESIDENCE | LOT #2 KERNS MEADOW LANE

REVISIONS
A — REV. PER COMMENTS BY MECK. CO. HD STAFF (3/8/16)

Date: 2/23/16
Scale: 1"=30 FT, 1' CONTOUR
Drawn: DMD
Checked: DLM
Project: 2015-12-(
Job: 2015-02-(
Sheet U-1