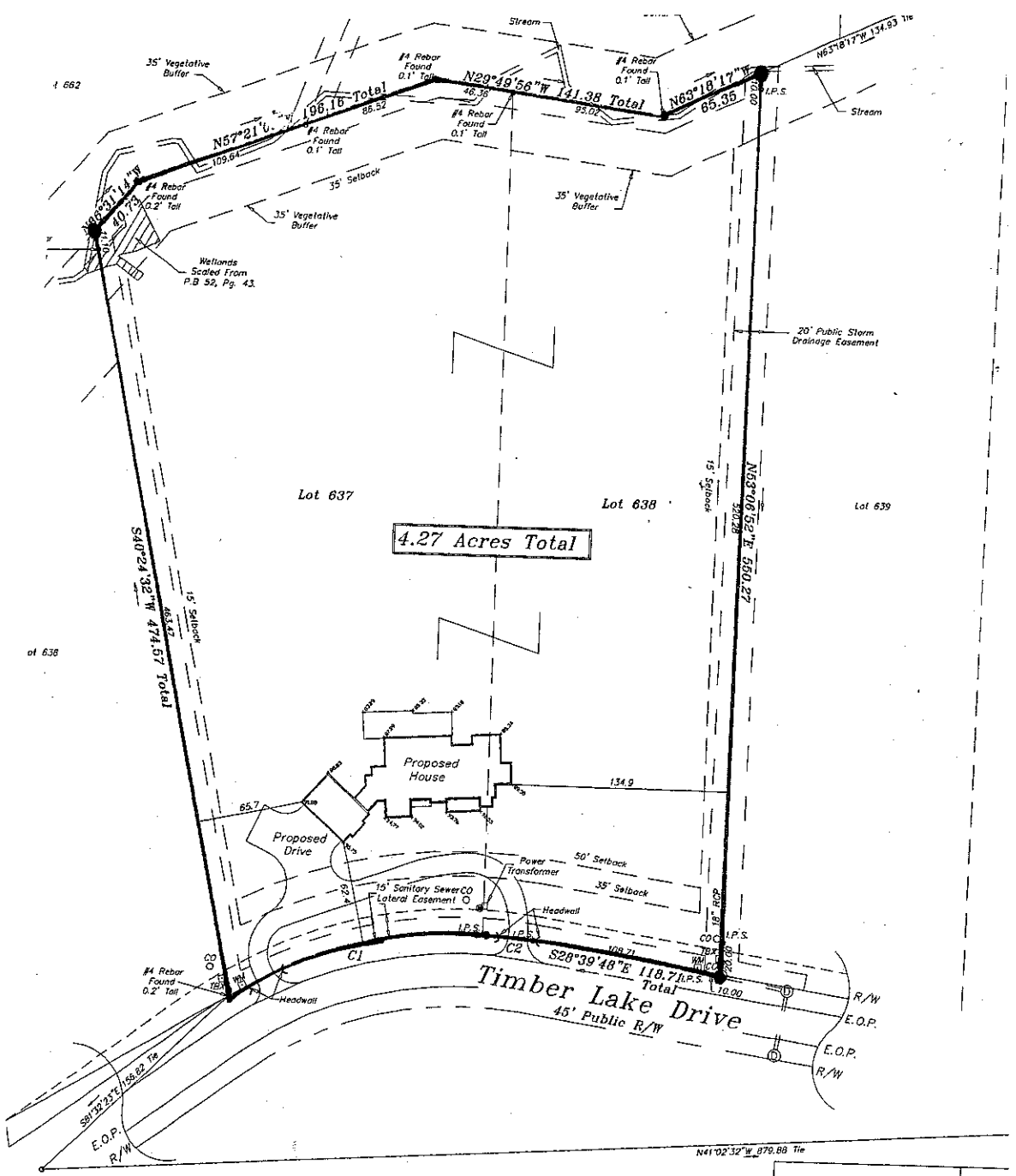


GRAPHIC SCALE

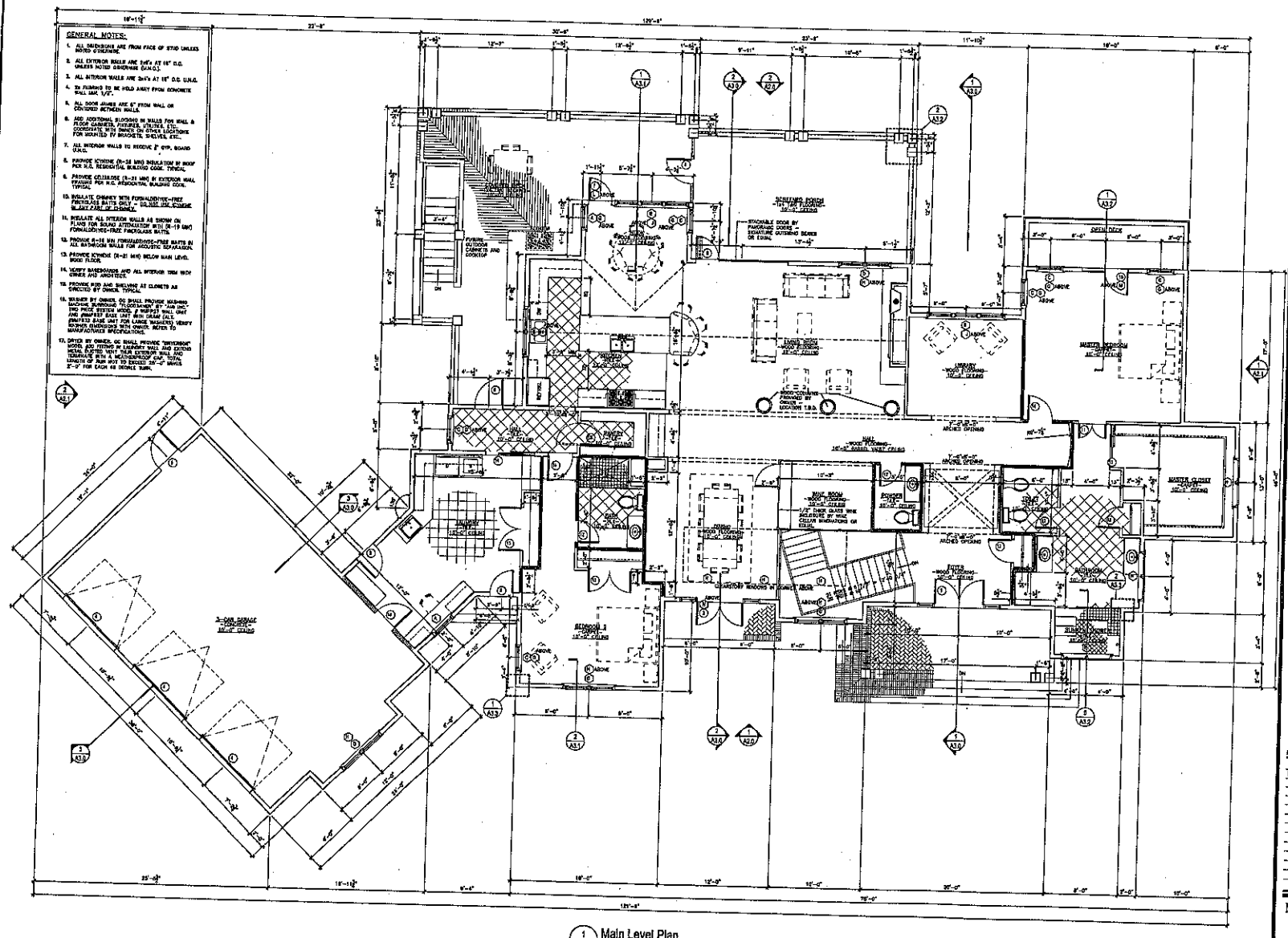
60 0 30 60 120 240

(IN FEET)

1 inch = 60 ft.

Owner/Developer:
William D. Robinson &
Kristine F. Robinson
186 Chaska Loop
Troutman, N.C. 28166

Tax Parcel Pin #:
4730109332
& 4730108453



1 A1.2 Main Level Plan
1/4" = 1'-0"

4 B12

Justin Henderson 12-7-12

ROBINSON RESIDENCE

TIMBER LAKE DRIVE, LOT 637
IREDELL COUNTY, NC 28166

ROGER LAYMAN ARCHITECTURE

455 SOUTH MAIN ST
SUITE 220
DAVIDSON, NC 28036

ph. 704.439.2931

RLarchitecture.com

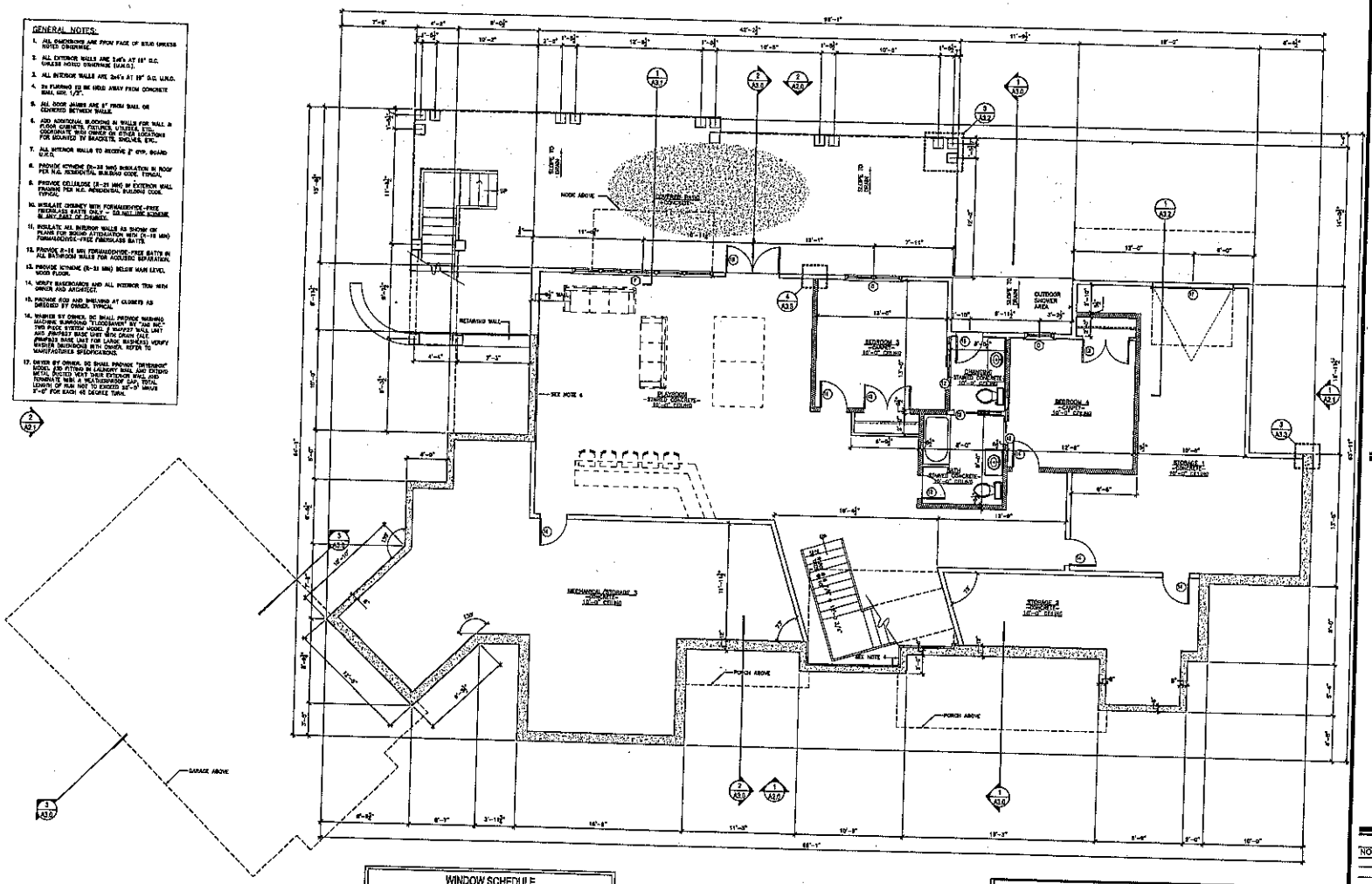
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REVISIONS		
NO.	DATE	DESCRIPTION

DATE 08.06.2012
PROJECT #
SCALE 1/4" = 1'-0"
DRAWN BY RG

Main Level Plan

A1.2



WINDOW SCHEDULE

#	R.O. (WxH)	MANUF. NO.	HEAD HEIGHT	NOTES
A	5'-6 1/8" x 5'-0 1/8"	CASEMENT	7'-0"	DOUBLE HUNG
B	5'-6 1/8" x 5'-0 1/8"	CASEMENT	7'-0"	DOUBLE HUNG
C	5'-6 1/2" x 5'-0 1/8"	CASEMENT	7'-0"	DOUBLE HUNG
D	5'-6 1/8" x 5'-0 1/8"	CASEMENT	7'-0"	DOUBLE HUNG
E	5'-6 1/8" x 5'-0 1/8"	CASEMENT	7'-0"	DOUBLE HUNG
F	5'-6 1/8" x 5'-0 1/8"	CASEMENT	7'-0"	DOUBLE HUNG
G	5'-6 1/8" x 5'-0 1/8"	CASEMENT		DOUBLE HUNG
H	5'-6 1/8" x 5'-0 1/8"	CASEMENT		DOUBLE HUNG TRANSOM
I	5'-6 1/8" x 5'-0 1/8"	CASEMENT		DOUBLE HUNG TRANSOM
J	5'-6 1/8" x 5'-0 1/8"	CASEMENT		DOUBLE HUNG TRANSOM
K	ARTICHOKE			
L	3'-7" x 5'-1 1/8"	FIXED GLASS		ENTRANCE DOOR TRANSOM
M	5'-6 1/8" x 1'-4 1/8"	FIXED GLASS		SIDELIGHT/DOOR TRANSOM
N	7'-1 1/8" x 6'-4 1/8"	FIXED GLASS		EXTERIOR DOOR TRANSOM

SPECIFICATIONS AND SIZES PER EACH WINDOW

DOOR SCHEDULE

#	SIZE	DESCRIPTION	NOTES
1	3'-0" x 7'-0"	CRAFTSMAN PANEL DOOR	w/ SIDELITES & TRANSOM, COORDINATE W/ OWNER
A	5'-0" x 6'-8"	GLASS DOOR	w/ SIDELITES & TRANSOM
1	2'-8" x 6'-8"	CRAFTSMAN PANEL DOOR	
2	2'-8" x 6'-8"	CARRIAGE STYLE GARAGE DOOR	
3	2'-6" x 6'-8"	CRAFTSMAN PANEL DOOR	
4	2'-6" x 6'-8"	15 LITE DOOR	
5	2'-6" x 6'-8"	15 LITE DOOR	
6	2'-6" x 6'-8"	FLUSH DOOR	
7	2'-6" x 6'-8"	FLUSH DOOR	
8	16'-0" x 7'-0"	STACKABLE GLASS DOOR	
9	2'-6" x 6'-8"	15 LITE DOOR	
10	2'-6" x 6'-8"	SOLID PANEL DOOR	
11	2'-6" x 6'-8"	SOLID PANEL DOOR	
12	2'-6" x 6'-8"	SOLID PANEL DOOR	
13	2'-6" x 6'-8"	SOLID PANEL DOOR	
14	2'-6" x 6'-8"	CRAFTSMAN PANEL DOOR	
15	2'-6" x 6'-8"	15 LITE DOOR	
16	2'-6" x 6'-8"	CARRIAGE STYLE GARAGE DOOR	

1 A1.1 Lower Level Plan 1/4" = 1'-0"

Justin Henderson 12-7-12

ROBINSON RESIDENCE

TIMBER LAKE DRIVE, LOT 637
IREDELL COUNTY, NC 28164

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08.06.2012

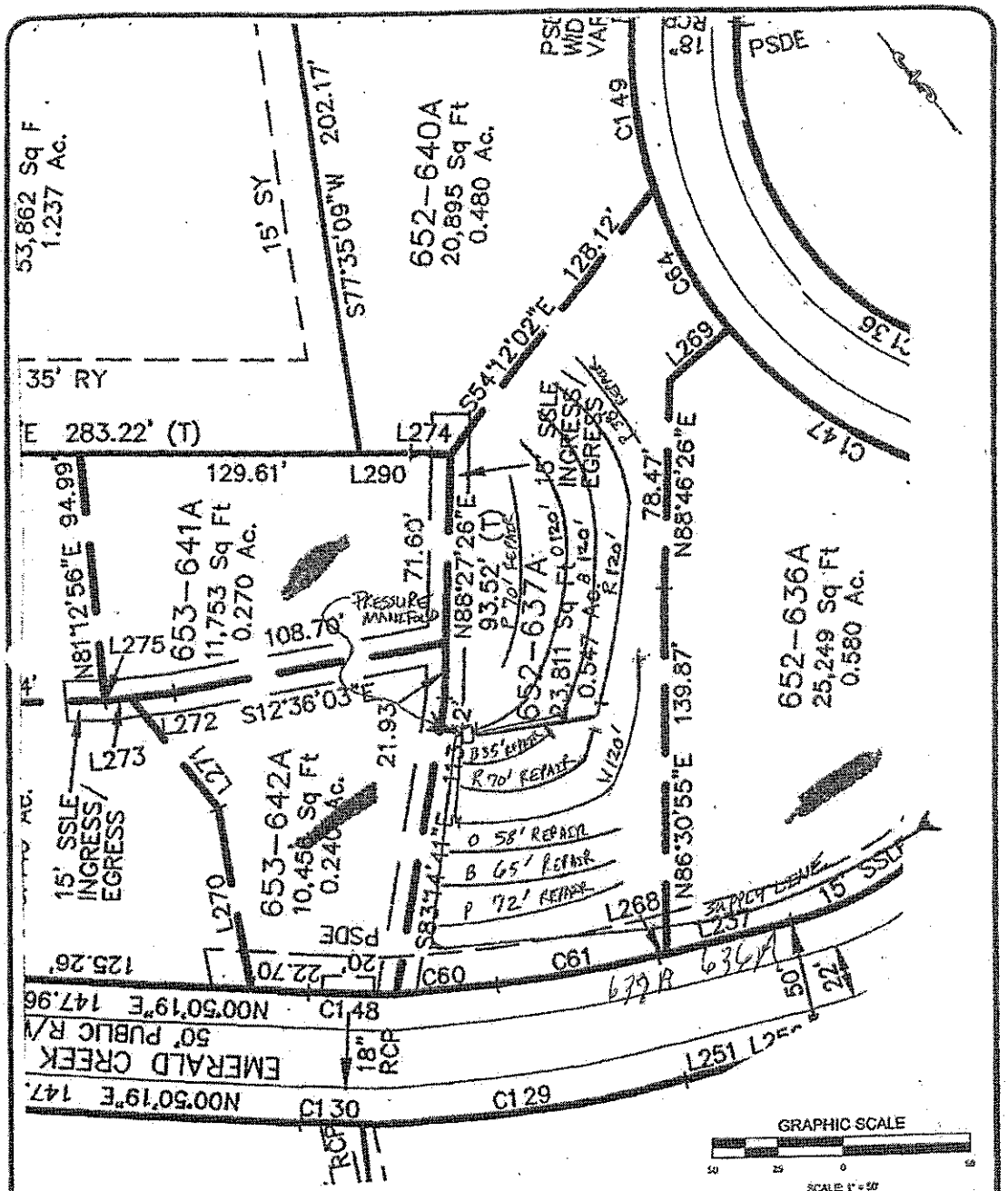
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REVISIONS		
NO.	DATE	DESCRIPTION

DATE 08.04.2012
PROJECT #
SCALE 1/4" = 1'-0"
DRAWN BY pc

Lower Level Plan

A1.1


652-640A
20,895 Sq Ft
0.480 Ac.
53,862 Sq F
1.237 Ac.
652-636A
25,249 Sq Ft
0.580 Ac.
653-641A
11,753 Sq Ft
0.270 Ac.
652-637A
23,811 Sq Ft
0.547 Ac.
653-642A
10,458 Sq Ft
0.240 Ac.
PSDE
15' SY
35' RY
S77°35'09"W 202.17'
S54°12'02"E 128.12'
N88°27'26"E 93.52' (T)
N88°46'26"E 78.47'
N86°30'55"E 139.87'
S12°36'03"E 21.93'
N81°12'56"E 94.99'
129.61'
283.22' (T)
71.60'
108.70'
125.26'
147.96
N00°50'19"E
15' SSLE INGRESS/ EGRESS
PRESSURE MANIFOLD
EMERALD CREEK
50' PUBLIC R/W
18" RCP
RCP
GRAPHIC SCALE
SCALE: 1" = 50'
SCALE: AS SHOWN
DATE: MAY 2007
DRAWN BY: RDM
PROJECT NO: 1588-06-091
S&ME
WWW.SMEINC.COM
LOT #637A
CRESCENT PARKWOOD - PHASE 6
IREDELL COUNTY, NORTH CAROLINA
FIGURE NO.

112

Lot 637 Parkwood Phase 6 Fast Track Septic System Information

Number of Bedrooms	**4**
Basement or Crawl	~~**Crawl Space**~~ Basement w/ Plumbing
Design Flow (gpd)	**480**
Primary System LTAR (gpd/ft2)	**0.25**
Primary System Type	**25% Reduction Offsite**
No. Lines	4 (See Table)
Total Linear Feet	480
Trench Width	3' min.
Trench Spacing	9' min.
Pump Required	Yes
Distribution Device	Pressure Manifold
Maintenance Agreement Required	No
Length and Diameter of Supply Pipe	1,280' of 3" SCH 40 PVC
Flow Rate through the system	22 gpm
Elevation head	Approx. 75'
Pressure head	2.0'
Friction head	1.3'
20% Contingency	13.3'
Total Head	94'
Pump Requirements	22 gpm @ 94' of head **To be designed by installer.** ****Note: Elevations taken from topo map only, should be verified by surveyor at time of installation**
Maximum Dosing Volume	240 gal -2.0 doses/day @ design flow
Volume of water pumped per dose	Calculated to specific tank by measure or dealer engineering specifications (1 cubic ft. of water equals 7.48 gal.)
Pump Run per dose	approx. 10.9 min.
Check Valve	Yes
Siphon Break hole	No
Repair System	**LP PPBPS Offsite**
Total Linear Feet	408'

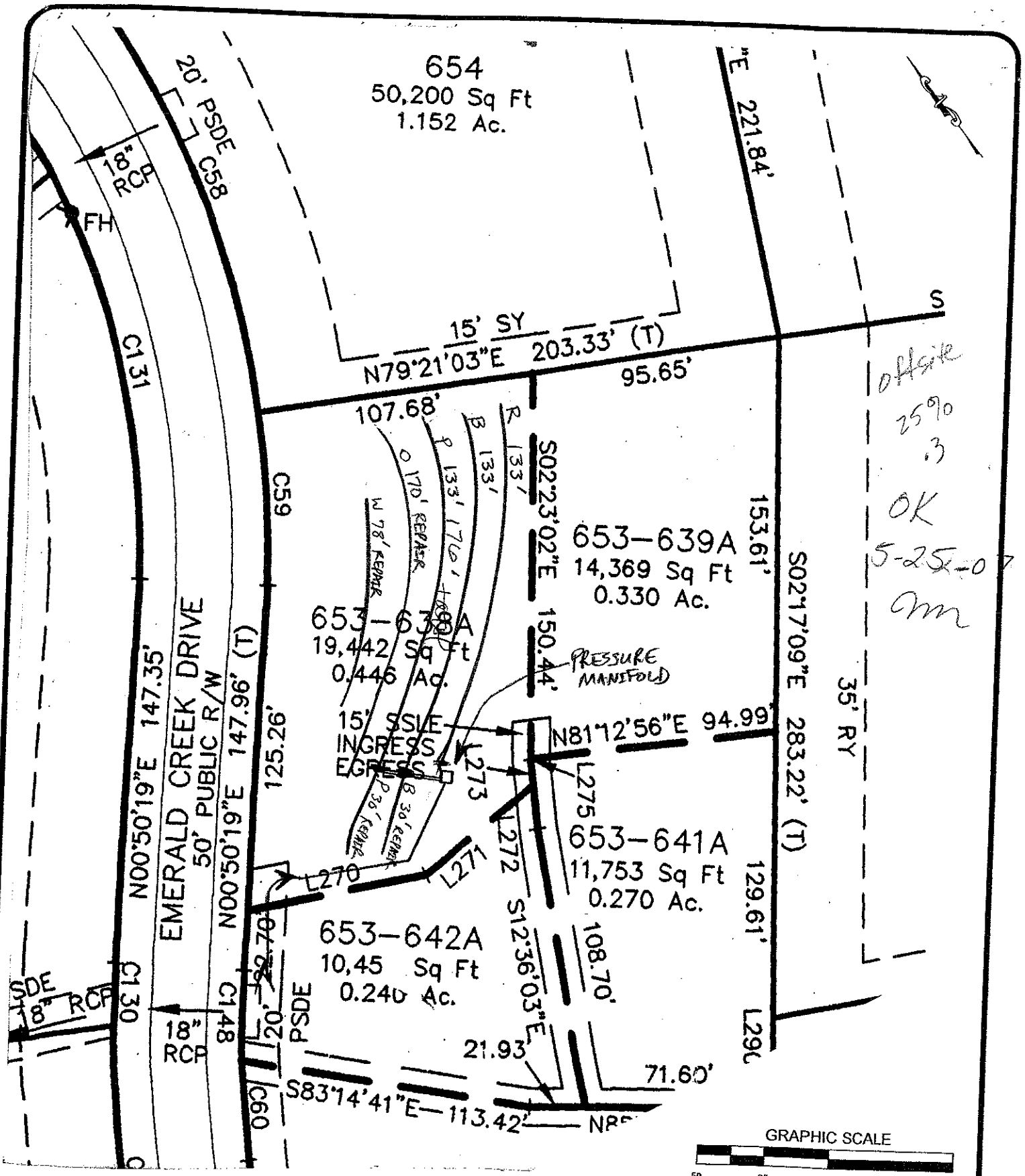
Table: Summary of Offsite Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)	Rod Reading Elevation (Ft.)
1	Repair	Pink	LPPPBPS	70	865' AMSL
2	**System**	**Orange**	**25% Reduction**	**120**	
3	**System**	**Blue**	**25% Reduction**	**120**	
4	Repair	Blue	LPPPBPS	35	
5	**System**	**Red**	**25% Reduction**	**120**	
6	Repair	Red	LPPPBPS	70	
7	**System**	**White**	**25% Reduction**	**120**	
8	Repair	Orange	LPPPBPS	58	
9	Repair	Blue	LPPPBPS	65	
10	Repair	Pink	LPPPBPS	72	
11	Repair	Pink	LPPPBPS	38	857'
				Total System: 480'	
				Total Repair: 408'	

Tank	Red	1500 gal (2 compartment)	796' AMSL
Pump Tank	Red	1500 gal.	
House	Blue	Left Front	815'

Manifold Information	
Tap Size (In.)	1/2
Tap Material	SCH 80 PVC
No. Taps	4
Barrel Size (in.)	4
Barrel Material	SCH 80 PVC
Flow (gpm)/Tap	5.5

AMSL (Above Mean Sea Level)



SCALE:	AS SHOWN
DATE:	MAY 2007
DRAWN BY:	RDM
PROJECT NO:	1588-06-091

S&ME
WWW.SMEINC.COM

LOT #638A
CRESCENT PARKWOOD - PHASE 6
IREDELL COUNTY, NORTH CAROLINA

FIGURE NO.

Lot 638 Parkwood Phase 6 Fast Track Septic System Information

Number of Bedrooms	**4**
Basement or Crawl	**Basement w/ Plumbing**
Design Flow (gpd)	**480**
Primary System LTAR (gpd/ft2)	**0.3**
Primary System Type	**25% Reduction Offsite**
No. Lines	3 (See Table)
Total Linear Feet	400'
Trench Width	3' min.
Trench Spacing	9' min.
Pump Required	Yes
Distribution Device	Pressure Manifold
Maintenance Agreement Required	No
Length and Diameter of Supply Pipe	1,200' of 3" SCH 40 PVC
Flow Rate through the system	17 gpm
Elevation head	Approx. 65'
Pressure head	2.0'
Friction head	1.5'
20% Contingency	13'
Total Head	83'
Pump Requirements	17 gpm @ 83' of head **To be designed by installer.** ****Note: Elevations taken from topo map only, should be verified by surveyor at time of installation**
Maximum Dosing Volume	240 gal -2.0 doses/day @ design flow
Volume of water pumped per dose	Calculated to specific tank by measure or dealer engineering specifications (1 cubic ft. of water equals 7.48 gal.)
Pump Run per dose	approx. 14 min.
Check Valve	Yes
Siphon Break hole	No
Repair System	**LP PPBPS Offsite**
Total Linear Feet	308'

Table: Summary of Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)	Rod Reading Elevation (Ft.)
1	**System**	**Red**	**25% Reduction**	**133**	**864' AMSL**
2	**System**	**Blue**	**25% Reduction**	**133**	
3	Repair	Blue	LPPPBPS	30	
4	**System**	**Pink**	**25% Reduction**	**133**	
5	Repair	Pink	LPPPBPS	30	
6	Repair	Orange	LPPPBPS	170	
7	Repair	White	LPPPBPS	78	855'
				Total System: 400'	
				Total Repair: 308'	

Tank	Red	1500 gal (2 compartment)	
Pump Tank	Red	1500 gal.	805' AMSL
House	Blue	Left Front	810'

Manifold Information	
Tap Size (In.)	1/2
Tap Material	SCH 80 PVC
No. Taps	4
Barrel Size (In.)	4
Barrel Material	SCH 80 PVC
Flow (gpm)/Tap	5.5

AMSL (Above Mean Sea Level)

650
62,533 Sq Ft
1.436 Ac.
S79°18'14"W
6
57,892
1.32
15' SY
N77°35'09"E
35' RY
S02°17'09"E 283.22' (T)
129.61'
15.6
153.61'
54"E 221.84'
653-639A
14,369 Sq Ft
0.330 Ac.
N81°12'56"E 94.99'
653-641A
11,753 Sq Ft
0.270 Ac.
0.08'
108.70'
S12°36'03"E
15' SY
203.33' (T)
85.65'
S02°23'02"E 150.44'
9.99'
L272
654
50,200 Sq Ft
1.152 Ac.
15' SY
N79°21'03"E
107.68'
#4
#2
#3
#1
653-638A
19,442 Sq Ft
0.446 Ac.
54.09'
653-642A
10,456 Sq Ft
0.240 Ac.
70.38'
20'
PSDE
125.26'
22.70'
34.56'
C59
68.05'
N00°50'19"E 147.96' (T)
C148
50' PUBLIC R/W
EMERALD CREEK DRIVE
18"
20' PSDE
C58
N00°50'19"E 147.35'
C130
C131
18"
RCP
20' PSDE