IREDELL COUNTY HEATLH DEPARTMENT

PAGE 2: *SITE PLAN WORKSHEET*

SEE THE SAMPLE SITE PLAN BELOW. INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM PERMIT!!!

Place an (X) beside each item as you complete the site plan:

- ✓ Property Line measurements are clearly identified…
- ✓ All proposed structures are indicated…
  SHOW: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site
- ✓ Front and side setbacks from property line…
- ✓ Preferred driveway location and configuration, preferred well location…
- ✓ Area you prefer your septic system to be placed…
- ✓ North arrow, or other sufficient indicator of direction…

Circle N/A on the following if appropriate:

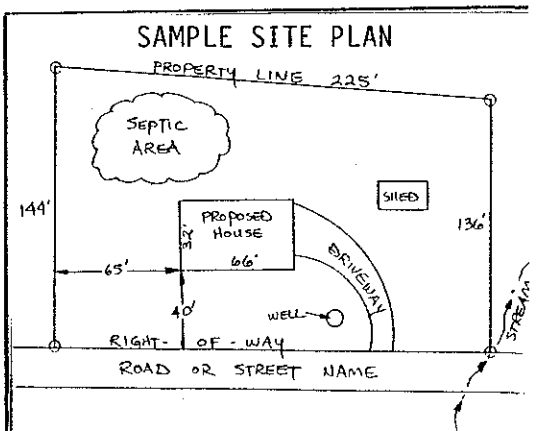
- ✓ Location of septic systems and wells within 100' of your property… N/A
- ✓ Location of easements and rights of ways on your property… N/A
- ? Location of any designated wetlands on the property… N/A

Signature: _____
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

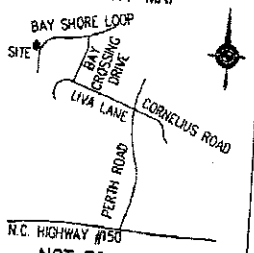
11-11-04
DATE

USE THIS SPACE TO DRAW YOUR SITE PLAN

SEE ATTACHED 1" = 50'
SITE PLAN



VICINITY MAP



NOT TO SCALE

PLOT PLAN CERTIFICATION

THIS IS TO CERTIFY THAT ON THE 22ND DAY OF MARCH, 2006 THIS PLOT PLAN WAS MADE UNDER MY SUPERVISION OF THE PROPERTY SHOWN ON THIS PLAT, AND THAT THE BOUNDARY LINES WERE PLOTTED FROM INFORMATION PROVIDED BY OTHERS, AND THE IMPROVEMENTS, UNLESS OTHERWISE INDICATED, ARE PROPOSED. NO ACTUAL FIELD SURVEY WAS PERFORMED IN THE PREPARATION OF THIS MAP. THIS IS A PRELIMINARY MAP AND IS NOT INTENDED TO BE USED FOR CONVEYANCES, RECORDATION OR SALES.

SIGNED _____

FLOOD CERTIFICATION

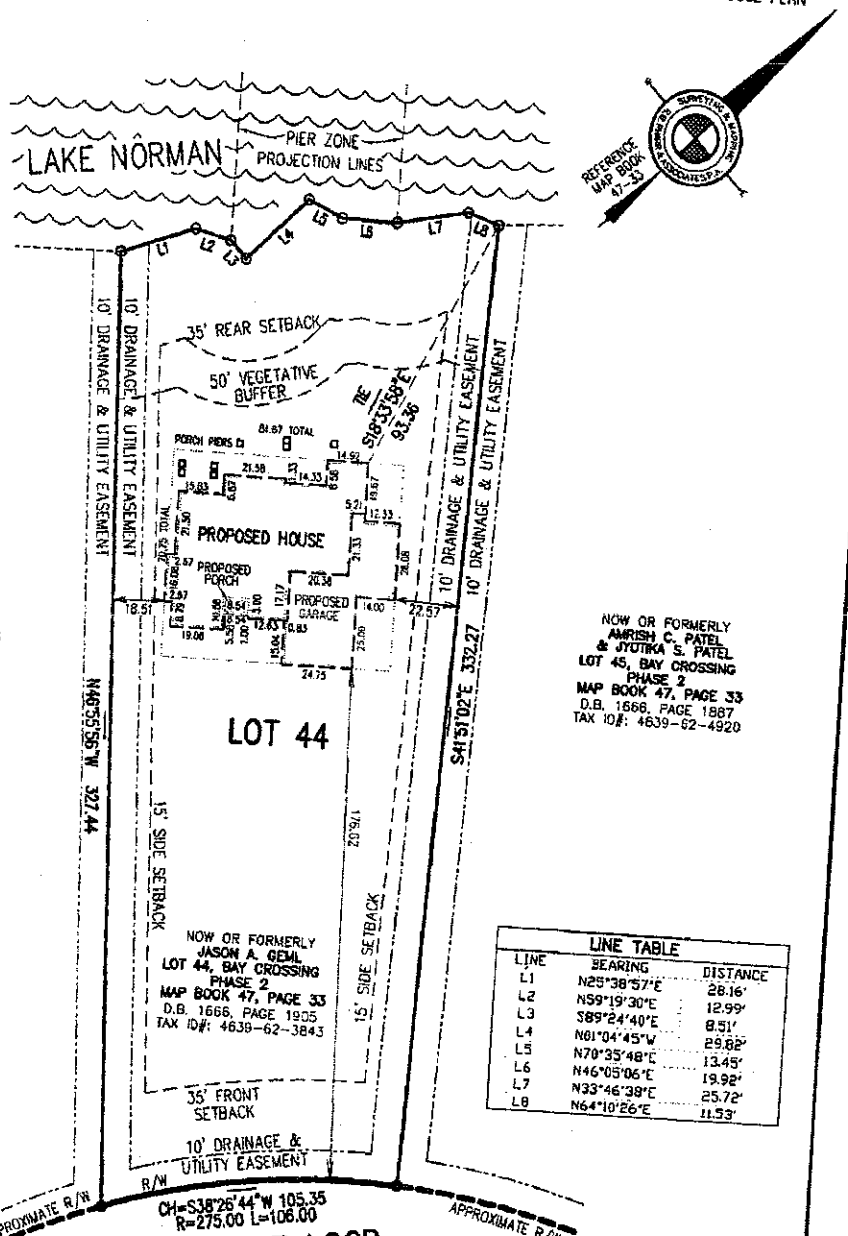
THIS IS TO CERTIFY THAT THE SUBJECT PROPERTY IS NOT LOCATED IN A SPECIAL FLOOD HAZARD AREA AS SHOWN ON MAPS PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, FEDERAL INSURANCE ADMINISTRATION, DATED JUNE 22, 1998 COMMUNITY PANEL 370313 0150 C

1 INCH = 50 FEET

50 0 50 100

LEGEND
E.I.R. = EXISTING IRON ROD
N.I.R. = NEW IRON ROD
R/W = RIGHT OF WAY
C/L = CENTER LINE
SQ.FT. = SQUARE FOOT
D.B. = DEED BOOK

REVISED MAY 30TH, 2006 TO SHOW REVISED HOUSE PLAN



NOW OR FORMERLY
JASON A. GEML
LOT 43, BAY CROSSING PHASE 2
MAP BOOK 47, PAGE 33
D.B. 1666, PAGE 1892
TAX ID#: 4639-62-2743

NOW OR FORMERLY
AMRISH C. PATEL & JYUTIKA S. PATEL
LOT 45, BAY CROSSING PHASE 2
MAP BOOK 47, PAGE 33
D.B. 1666, PAGE 1887
TAX ID#: 4639-62-4920

NOW OR FORMERLY
JASON A. GEML
LOT 44, BAY CROSSING PHASE 2
MAP BOOK 47, PAGE 33
D.B. 1666, PAGE 1905
TAX ID#: 4639-62-3843

LINE TABLE

LINE	BEARING	DISTANCE
L1	N25°38'57"E	28.16'
L2	N59°19'30"E	12.99'
L3	S89°24'40"E	8.51'
L4	N61°04'45"W	29.82'
L5	N70°35'48"E	13.45'
L6	N46°05'06"E	19.92'
L7	N33°46'38"E	25.72'
L8	N64°10'26"E	11.53'

NOTES:
-SETBACKS, BUFFERS, AND EASEMENTS FOR SUBJECT PROPERTY ARE TAKEN FROM MAP BOOK 47, PAGE 33 AND ARE SHOWN HEREON.
-HOUSE DIMENSIONS TAKEN FROM DRAWING PROVIDED BY DAVID A. WOOD INC. HOME DESIGNS, PLAN # 2606033, ENTITLED "THE HERRAULT RESIDENCE", LAST REVISED 05-24-2006.
-HOUSE DIMENSIONS SHOWN ON PLAT ARE TO OUTSIDE OF BRICK.
-SUBJECT PROPERTY ZONED R-A (RESIDENTIAL AGRICULTURAL) OWNER TO VERIFY SETBACKS AND ZONING REGULATIONS PRIOR TO ANY PLANNING OR CONSTRUCTION.
-FLOOD HAZARD BOUNDARY LINE (ELEV. 781') TO BE FIELD VERIFIED.

AREA LOT 44
39,442 SQ. FT
OR 0.9055 ACRES

PLOT PLAN OF
LOT 44, BAY CROSSING, PHASE TWO

R. B. PHARR & ASSOCIATES
PROFESSIONAL SURVEYORS
19501 S. MAIN STREET
CORNELIUS, NC 28031
TEL: 704-895-1730
FAX: 704-895-1964

DAVIDSON TOWNSHIP, IREDELL COUNTY, N.C.
PREPARED FOR
LAMONICA BUILDERS LLC

REFERENCE: MAP BOOK 47, PAGE 33
TAX PARCEL: 4639-62-2843

DRAWN	REVISED	VERIFIED	JOB NUMBER
B.C.	TOM K		67559

Michael F. Easley, Governor
William G. Ross Jr., Secretary
North Carolina Department of Environment and Natural Resources

Alan W. Klimek, P.E. Director
Division of Water Quality

AQUIFER PROTECTION SECTION
July 14, 2006

Simmons Well Drilling
165 Jenning Road
Statesville, NC 28625
Attention: Bill Lambert

RE: Request for Variance -
NORTH CAROLINA WELL CONSTRUCTION STANDARDS
Rule 15A NCAC 2C .0107(a)(2)(M) – Separation Distance Between Well and a Building Foundation
Gary Herrault Residence
Lot 44 Bay Shore Loop
Mooresville, Iredell County, N.C.

Dear Mr. Lambert,

I am writing in response to your application that was received on July 13, 2006. You requested approval of a variance from the referenced Rule, which requires a 25-foot horizontal separation distance between a well and a building foundation. The variance request is for the construction of a new water supply well at the residence of Gary Herrault, Lot 44 Bay Shore Loop, Mooresville, Iredell County, N.C., approximately 20 feet from the building foundation.

Since the new well will not meet the regulatory requirements, the following minimum additional construction requirements would act to mitigate any potential problems that could affect public health and/or the well's effective operation:

1. Galvanized steel casing with drive shoe shall be used, or PVC casing may be used if fitted with appropriate galvanized steel shoe.

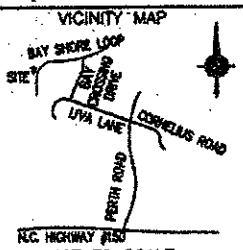
2. The casing shall extend into consolidated bedrock in accordance with the following table:

DEPTH TO CONSOLIDATED BEDROCK	MINIMUM DEPTH OF CASING
Less than 50 feet	15 feet into bedrock
50 to 100 feet	10 feet into bedrock
More than 100 feet	5 feet into bedrock

3. The entire length of the casing shall be grouted. A drill bit that is at least 1/3 greater than the outside diameter of the casing shall be used to drill the cased portion of the well. Grout should be installed using the pressure method. The installation of grout using a tremmie pipe is acceptable if the annular space to be grouted is free of obstructions, if not, then a well liner with packer must be installed and fully grouted.

Gary Herrault 704-875-6924. Joe Jr 704-634-3923

VICINITY MAP



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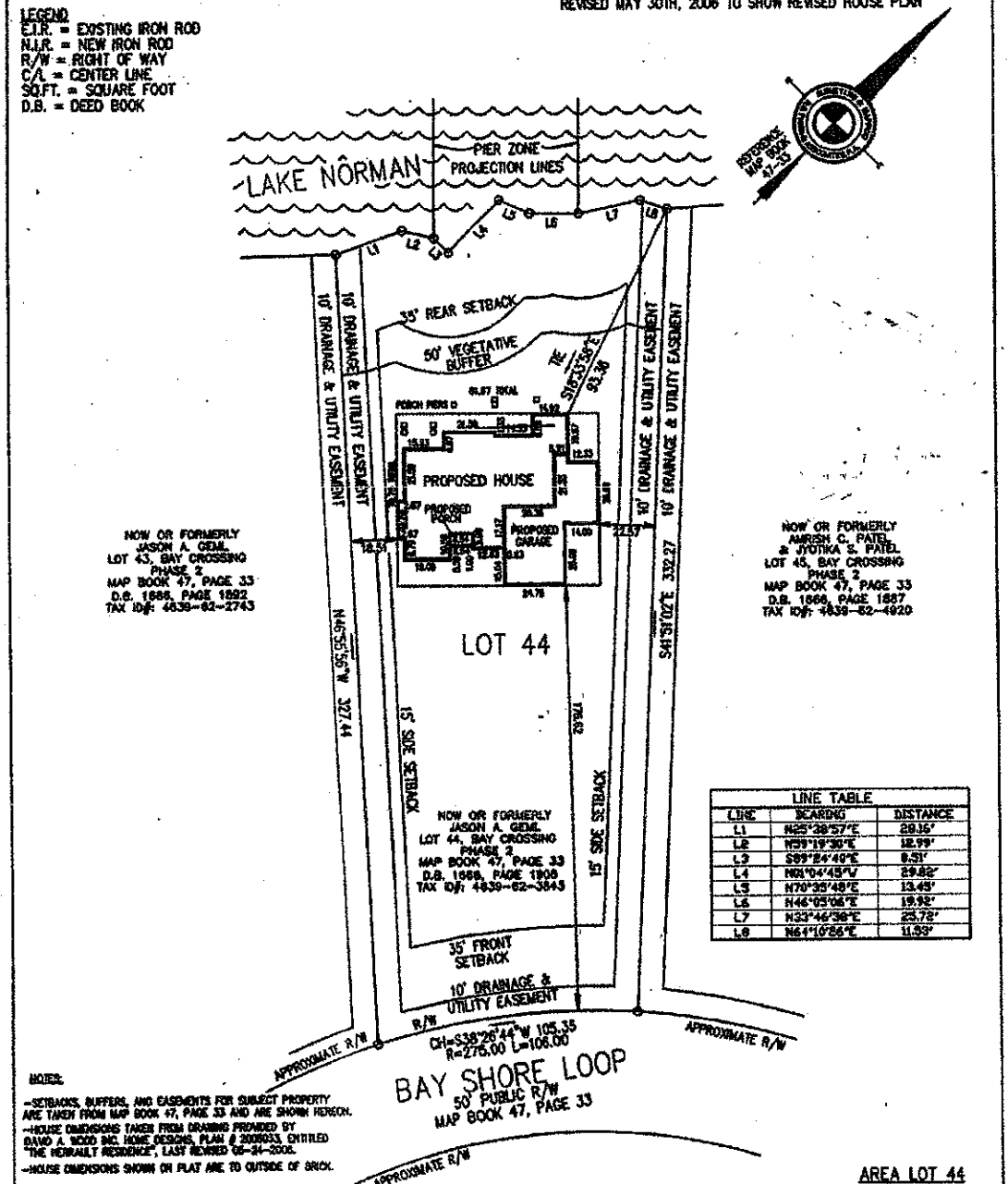
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COMMUNITY PANEL 370313 0150 C

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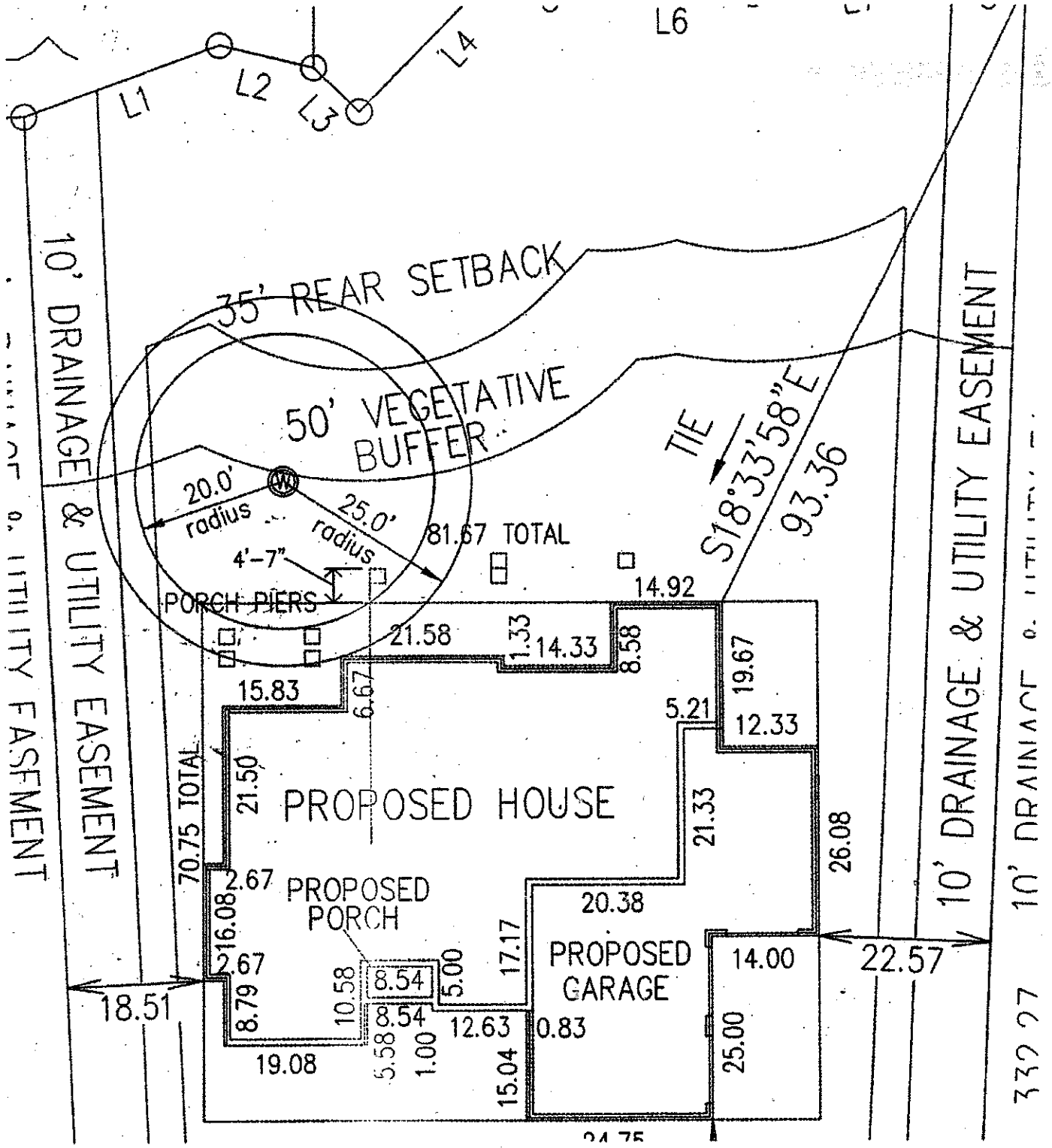
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PLOT PLAN OF
LOT 44, BAY CROSSING, PHASE TWO

R. B. PHARR & ASSOCIATES PROFESSIONAL SURVEYORS 18801 S. MAIN STREET CORNELIUS, NC 28031 TEL: 704-895-1730 FAX: 704-895-1944	DAVIDSON TOWNSHIP, IREDELL COUNTY, N.C. PREPARED FOR LAMONICA BUILDERS LLC	REFERENCE: MAP BOOK 47, PAGE 33 TAX PARCEL: 4639-62-2843 DRAWN REVISED VERIFIED JOB NUMBER S.C. TCM K 87599


L1
L2
L3
L4
L6
10' DRAINAGE & UTILITY EASEMENT
35' REAR SETBACK
50' VEGETATIVE BUFFER
20.0' radius
25.0' radius
4'-7"
PORCH PIERS
81.67 TOTAL
TIE
S18°33'58"E
93.36
14.92
21.58
1.33
14.33
8.58
19.67
15.83
6.67
5.21
12.33
70.75 TOTAL
21.50
PROPOSED HOUSE
21.33
26.08
2.67
PROPOSED PORCH
16.08
20.38
2.67
8.79
10.58
8.54
5.00
17.17
PROPOSED GARAGE
14.00
22.57
18.51
8.54
12.63
0.83
19.08
5.58
1.00
15.04
25.00
10' DRAINAGE & UTILITY EASEMENT
332.27