# IREDELL COUNTY HEALTH DEPARTMENT

STATESVILLE 704-878-5305 MOORESVILLE 704-664-5281

## IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM INSPEC

PERMIT# 118980 PIN# 4625-83-4957.1347 4625-82-1186 2165 DATE June 15, 04

OWNER OR CONTRACTOR Crescent Resources thru // The Point on Doerman / Hughes PHONE: Business Home

ADDRESS 2214 Brawley Sch Rd. Mooresville, N.C. 28117

LOCATION Brawley Sch Rd. TL Yacht Rd. TL Milford Circle TL Alton Ct. At end on Right

SUBDIVISION The Point BLOCK / SECTION 13 LOT 1347 LOT AREA .872Ac + .433 Ac SITE CLASS. PS SFE DESIGN FLOW 480gpd L.T.A.R. .25+.3 SFE

Septic Tank: 1000 + Gallons; STB 338 Date 11-8-05

Pump Tank: 1000 Gallons; PT 27 Date 11-22-05

Pump Make: Myers Model ME 50S Serial No.

Nitrification Field: No Fields 1 Square Feet 1320 Linear Feet 440

No Lines 4@110' Trench Width 36" Max Trench Bottom Depth 36" Gravel Depth NA

☑ New System ☐ Repair System Type: I, II, III, IV, V, VI

System Description: pm 25% Reduction on SFE

Repair System Description: pm 25% Reduction on SFE

Maintenance Agreement Required: ☐ Yes ☑ No

☑ House/Mod. Home ☐ Mobile Home ☐ Business ☐ Other

No. Bedrooms 4 No. Bathrooms 4 No. Employees

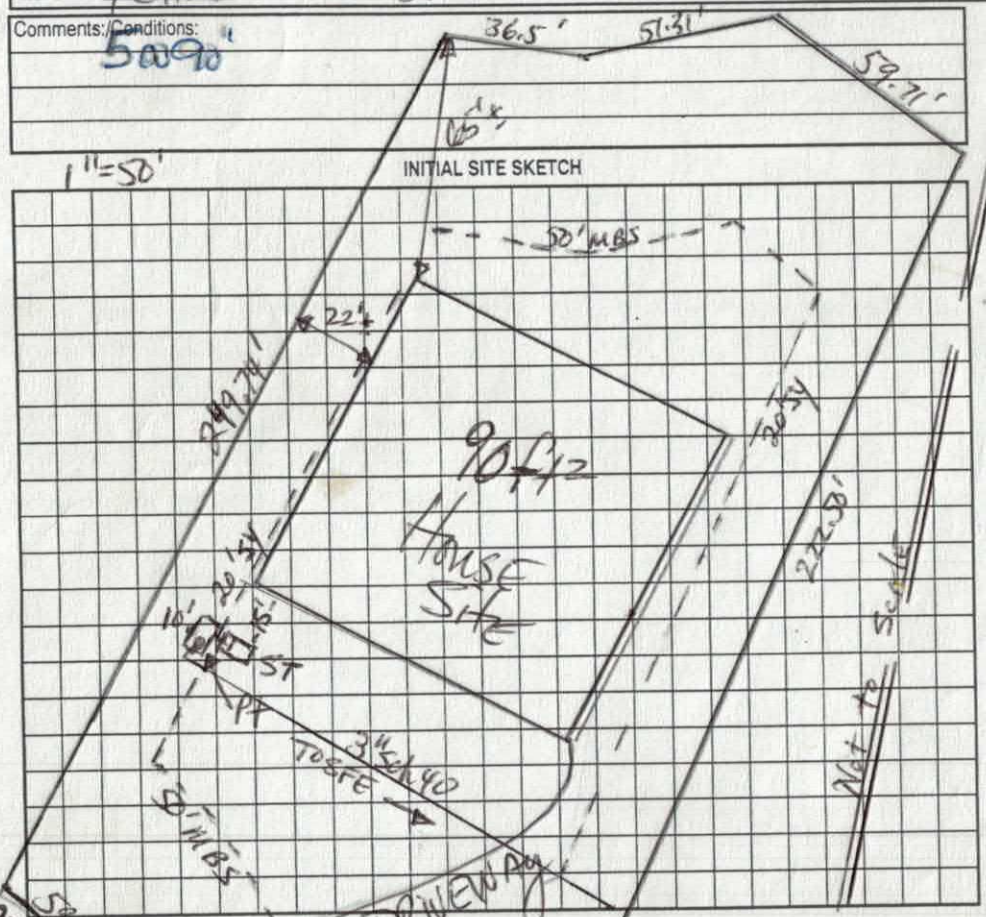
☐ Slab ☑ Crawl Space ☐ Basement w/plumbing ☐ Basement wo/plumbing

Water Supply: ☐ Individual ☑ Public ☑ Community

Comments/Conditions: 5@90'

INITIAL SITE SKETCH

1" = 50'



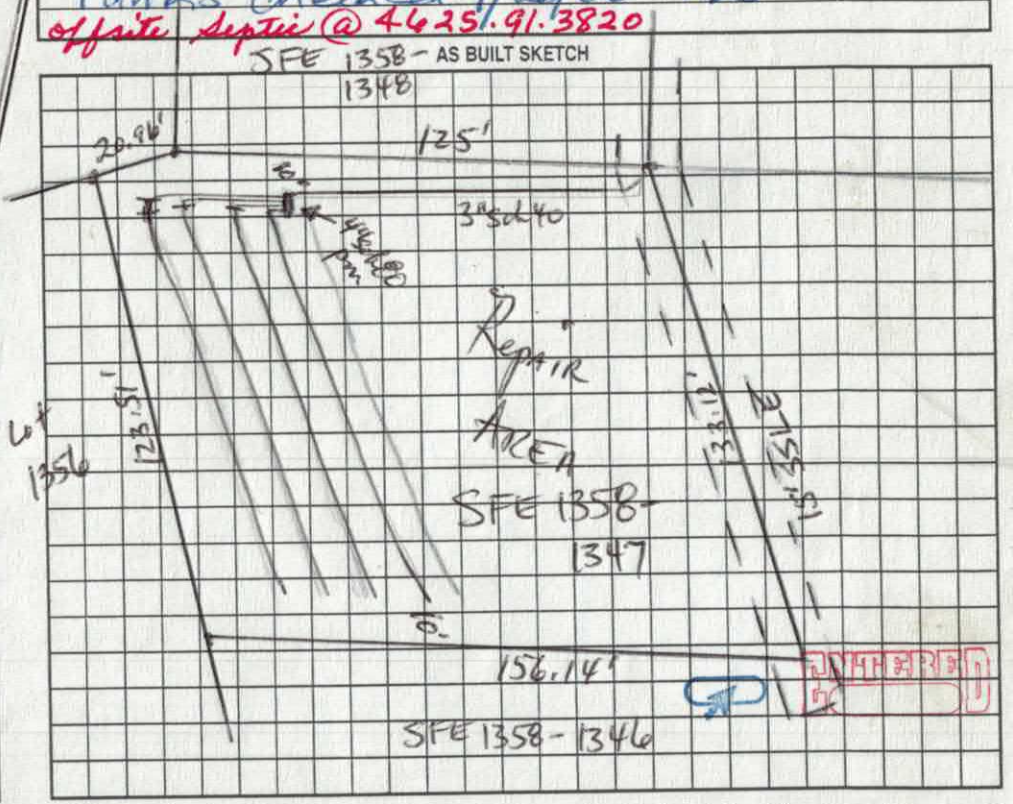

Comments/Conditions: Checked lines 9/30/05

Used EZ Flow

Tanks Checked 11/20/06 MD

offsite septic @ 4625.91.3820

SFE 1358 - AS BUILT SKETCH




Permit can be suspended or revoked if any false information is supplied toward securing the permit/any unauthorized changes are made to the site/any unauthorized changes are made in the installation of the system. Improvement Permit with plat valid without expiration. Improvement Permit with site plan valid for sixty months. Authorization to Construct is valid for a period equal to that of Improvement Permit – not to exceed sixty months.

Signed: date 6-22-04 Installed by: R & H

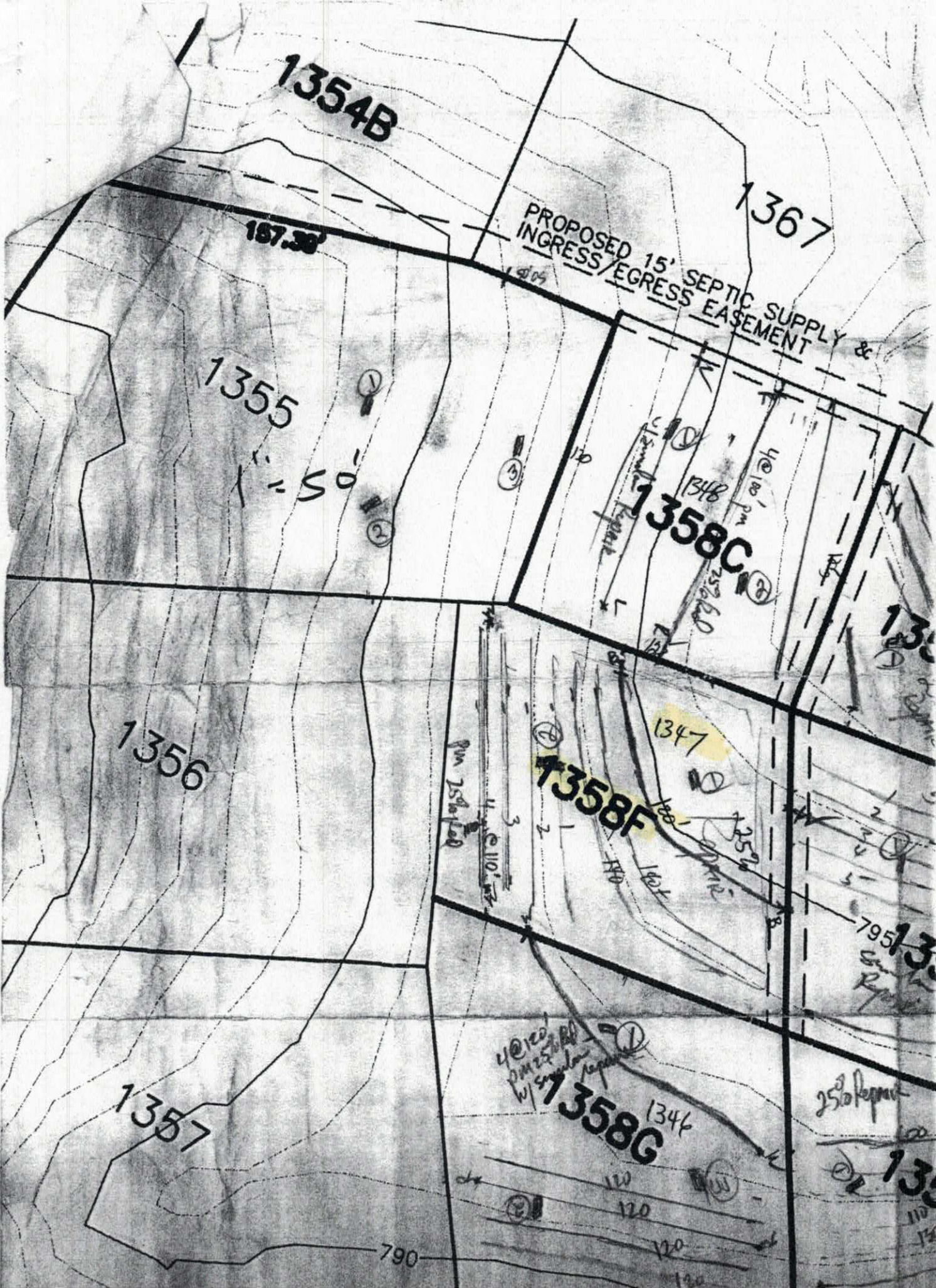
Improvement Permit by: date 6-15-04 Operation Permit by: Marion H. Dobson RS date 2/8/06

Authorization to Construct by: date 4/13/05 Existing System Inspection by: date

HEALTH DEPT. COPY: WHITE OWNER COPY (FINAL): YELLOW OWNER COPY (INITIAL): PINK

125 gpm
not 130
Pump Flow Reduction

Pump MAX
100 gpm
need flow reduction
to use 77


1354B
1367
187.38'
PROPOSED 15' SEPTIC SUPPLY & INGRESS/EGRESS EASEMENT
1355
1"=50'
1348
1358C
1356
1347
1358F
795
1357
1346
1358G
790

-SITE WASTEWATER SECTION COUNTY: _____

# SOIL/SITE EVALUATION
## *for* ON-SITE WASTEWATER SYSTEM

WNER: CRI APPLICATION DATE _____

DDRESS: _____ DATE EVALUATED: 3-5-04

ROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____

OCATION OF SITE: Lot 1347 Phase 13 Left. PROPERTY RECORDED: _____

ATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____

VALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut

YPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

| PROFILE # | .1940 LAND-SCAPE POSITION/ SLOPE % | HORI-ZON DEPTH (IN.) | SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE | SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY | OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR | .1943 SOIL DEPTH | .1956 SAPRO CLASS | .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Slightly depressional | 0-8 | gr brnsl | frssssp | common yb redmottles - water seeping common red sap | | | | .15-.2 primarily due to LS pcs |
| | | 8-19 | wk fsbk ry sil | frssssp | | | | | |
| | | 19-38 | wk mabk/sbk rc | fr sp ssvp | | | | | |
| | | 38-48 | wk fsbk ypbl | frssssp | | | | | |
| 2 | | 0-11 | gr-wk sbk brn sl/scl | frssssp | common yb red mottles | | | | .1 |
| | | 11-25 | wk fsbk rebrn cl | frssssp | | | | | |
| | | 25-53 | wk-m fsbk rc/dl fi-fr sp-ssp | ssvp | | | | | |
| 3 | | 0-9 | gr brnsl | frssssp | common yb red mottles water seeping in pit | | | | .1 |
| | | 9-22 | wk fsbk rbrnsl | frssssp | | | | | |
| | | 22-50 | m fsbk rc | frsp ssvp | | | | | |
| 4 | | | | | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | | |
| System Type(s) | | |
| Site LTAR | | |

OTHER FACTORS (.1946): _____

SITE CLASSIFICATION (.1948): _____

EVALUATED BY: _____

OTHER(S) PRESENT: _____

OMMENTS: _____

DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet ___ of ___
PROPERTY ID #: _____
COUNTY: _____

# SOIL/SITE EVALUATION
## *for* ON-SITE WASTEWATER SYSTEM

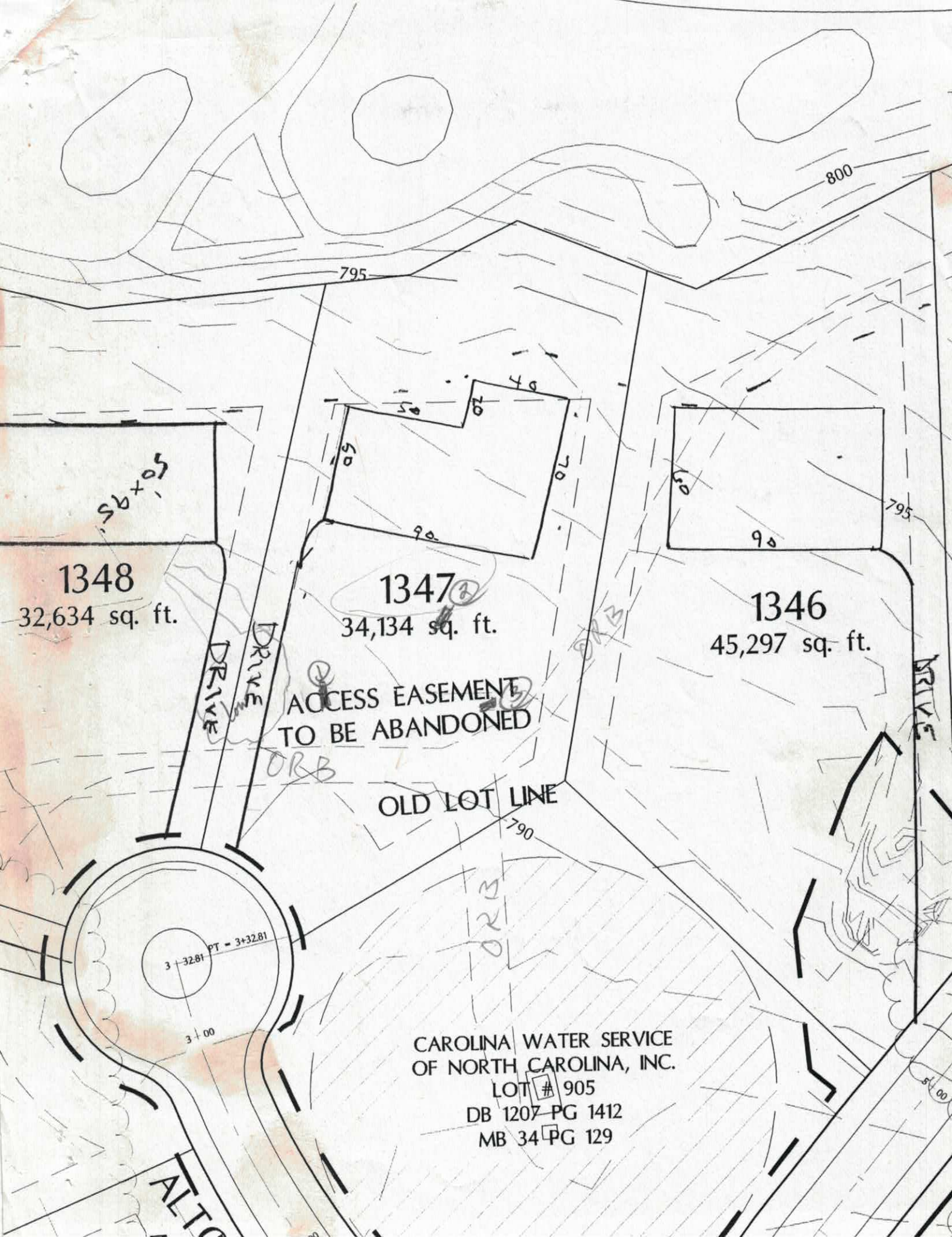
OWNER: _____ APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 4-8-04
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): 480gpd PROPERTY SIZE: _____
LOCATION OF SITE: 1358 E phase 13 Theplt. PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

SFE 1358-1347

| PROFILE # | .1940 LANDSCAPE POSITION/ SLOPE % | HORIZON DEPTH (IN.) | SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE | SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY | OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR | .1943 SOIL DEPTH | .1956 SAPRO CLASS | .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4-5% S | 0-8 | gr wk sbk brn sl/sch | fr sss/p | Few chr 3/4, common gravel/weather | | | | .25 |
| | | 8-28 | mod bk RC | fi so sl/p | | | | | |
| | | 28-57 | wk bk yrd | fi sss/p | | | | | |
| 2 | 4% L | 0-7 | wk fgr bk brn sdy | fr sss/p | Few mn sl/p | | | | .3 |
| | | 7-25 | mod bk RC | fr sl/p | | | | | |
| | | 25-51 | wk bk yrd | fr sss/p | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | PS | PS |
| System Type(s) | pm 25% Red. | pm 25% Red. |
| Site LTAR | .25-.3 | .25-.3 |

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS SFE
EVALUATED BY: _____
OTHER(S) PRESENT: T.C.J. & Assoc.


800
795
795
1348
32,634 sq. ft.
1347
34,134 sq. ft.
1346
45,297 sq. ft.
DRIVE
DRIVE
ACCESS EASEMENT
TO BE ABANDONED
ORB
OLD LOT LINE
790
ORB
ORB
DRIVE
3+32.81 PT = 3+32.81
3+00
CAROLINA WATER SERVICE
OF NORTH CAROLINA, INC.
LOT # 905
DB 1207 PG 1412
MB 34 PG 129

# IREDELL COUNTY HEALTH DEPARTMENT

## Application For Improvement Permit and/or Authorization To Construct, Existing System Inspection

*(THE ABOVE PERMIT DOCUMENTS WILL BECOME INVALID IF INFORMATION PROVIDED ON THIS APPLICATION IS FALSIFIED OR CHANGED, OR IF THE SITE IS ALTERED. THE IMPROVEMENT PERMIT IS VALID FOR EITHER 60 MONTHS OR WITHOUT EXPIRATION DEPENDING UPON DOCUMENTATION SUBMITTED - APPLICATION WITH SITE PLAN 60 MONTHS, APPLICATION WITH COMPLETE, SCALED PLAT WITHOUT EXPIRATION. SEE 15A NCAC 18A .1937(f) FOR DETAILS)*

1. APPLICATION FOR: (✓) Improvement Permit ( ) Authorization To Construct ( ) BOTH ( ) Existing System Inspection

2. Page 2: *Site Plan Worksheet* Form MUST Accompany This Application
   The following optional attachments may also be submitted: ( ) Survey Plat, Scaled no more than 1 Inch = 60 Feet
   *Place check ( ) beside whichever is submitted if applicable* ( ) Custom Site Plan, Scaled no more than 1 Inch = 60 Feet

3. Applicant Information:

| Applicant Name | Mailing Address | Home Phone | Work Phone |
|---|---|---|---|
| HUGHES & ASSOC. | 6425-A BANNINGTON DR. CHARLOTTE, N.C. 28226 | | 704-542-6816 |
| **Owner Name** | **Mailing Address** | **Home Phone** | **Work Phone** |
| SAME | | | |

4. Property Information:

| Street Address | Subdivision Name | Section/Phase and Lot Number |
|---|---|---|
| | The Point | 1347 |

Driving Directions: OUT BRAWLEYS SCHOOL Rd. - LEFT ON YACHT Rd - LEFT ON MILFORD - then left on ALTON CT. - 1ST IN CUL-dc-SAC.

**********

5. RESIDENTIAL Site Development Information: *(Check or Complete ALL that apply)*

(✓) New, Single Family Residence
( ) New, Multi-Family Residence
( ) Expansion of Existing Septic System
( ) Repair To Failing Septic System

Maximum Number of Bedrooms 4
Maximum Number of Occupants ___
If Expansion, Current Number of Bedrooms ___

(✓) Crawl Space Foundation?
( ) Concrete Slab Foundation?
( ) Basement w/Plumbing?
( ) Basement w/out Plumbing?

IF Non- Residential Site Development:
Type of Business _____
Square Footage of Building _____
Maximum Number of Employees _____
Maximum Number of Seats _____

**********

6. Proposed Water Supply:

( ) New Well ( ) Existing Well (✓) Community Well ( ) City Water (✓) Other Public Water

**********

7. Desired Septic System Type: *(You may rank in order of preference, if any)*

( ) Alternative ( ) Conventional (✓) Innovative ( ) Modified Conventional ( ) Other_____ ( ) No Preference

**********

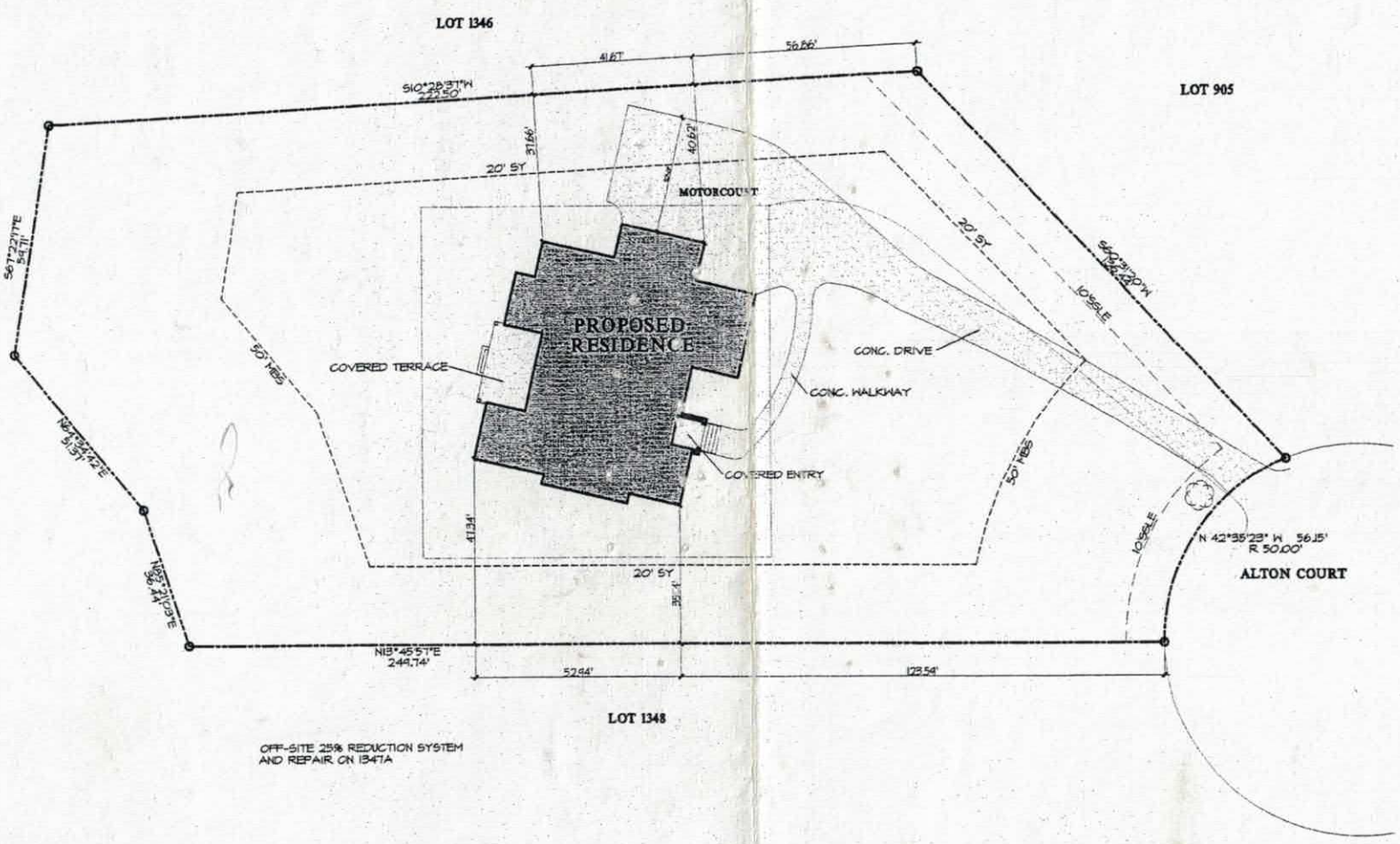
8. Please Answer The Following To The Best of Your Ability:

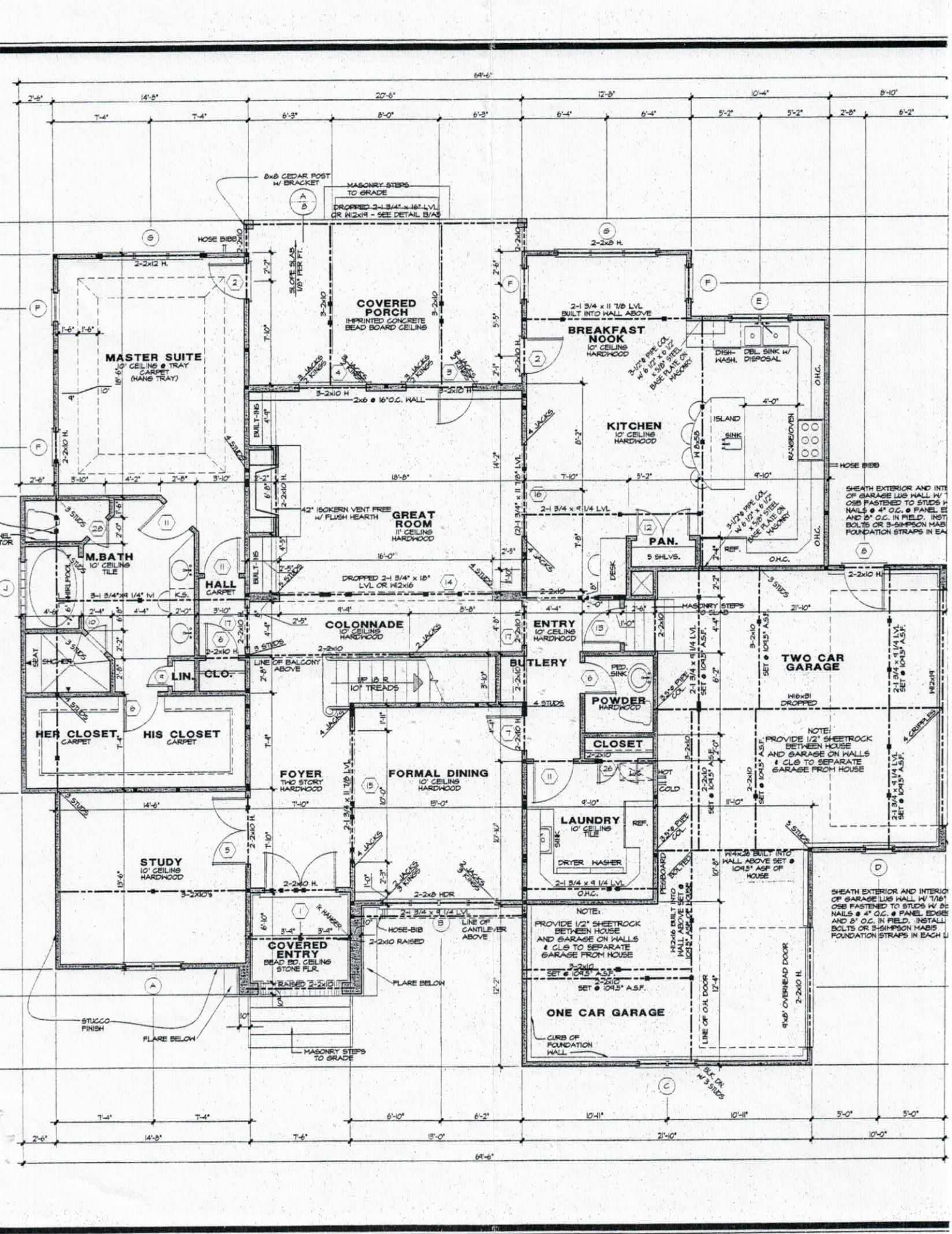
( ) Yes (✓) No Does the site contain any jurisdictional wetlands?
( ) Yes (✓) No Is any non-domestic sewage (i.e. industry) to be generated?
( ) Yes (✓) No Is the site subject to approval by any other public agency?

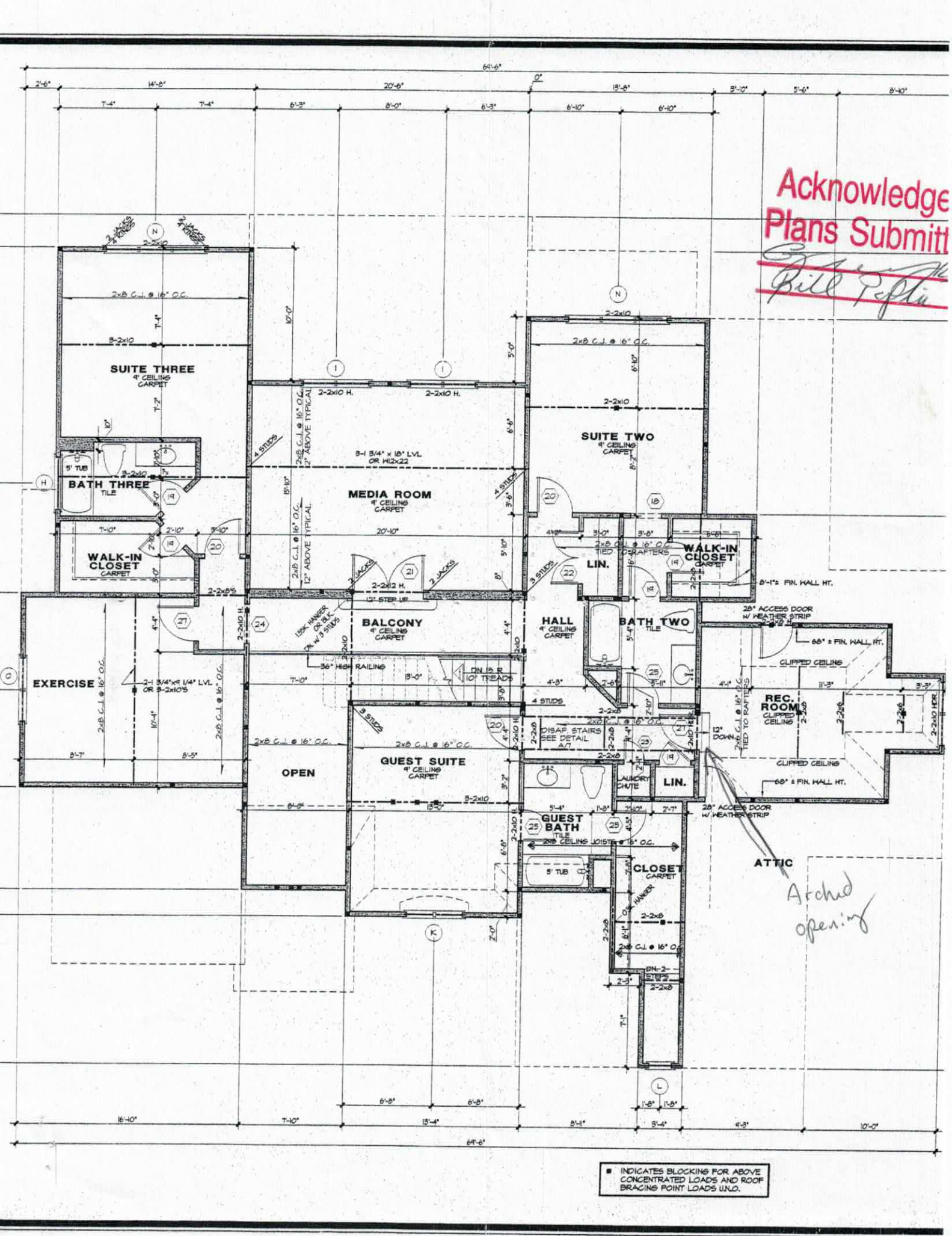
**********

I have read this application and certify that the information provided herein is true, complete, and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed.

9. Signature: Bill Poplin — 4/13/05
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) — DATE


LOT 1346
LOT 905
LOT 1348
S10°28'37"W
244.50'
41.67'
56.66'
31.66'
40.67'
20' SY
MOTORCOURT
20' SY
S40°23'40"W
104.40'
10'SSLE
S61°22'17"E
34.71'
50' MBS
PROPOSED RESIDENCE
COVERED TERRACE
CONC. DRIVE
CONC. WALKWAY
COVERED ENTRY
N61°24'42"E
91.51'
50' MBS
41.34'
20' SY
35.1'
10'SSLE
N 42°35'23" W 56.15'
R 50.00'
ALTON COURT
N13°45'51"E
249.74'
52.44'
123.54'
OFF-SITE 25% REDUCTION SYSTEM
AND REPAIR ON 1347A


MASTER SUITE
10' CEILING @ TRAY
CARPET
(HANG TRAY)
M.BATH
10' CEILING
TILE
HALL
CARPET
LIN.
CLO.
HER CLOSET
CARPET
HIS CLOSET
CARPET
STUDY
10' CEILING
HARDWOOD
COVERED
PORCH
IMPRINTED CONCRETE
BEAD BOARD CEILING
GREAT
ROOM
11' CEILING
HARDWOOD
42" ISOKERN VENT FREE
W/ FLUSH HEARTH
COLONNADE
10' CEILING
HARDWOOD
FOYER
TWO STORY
HARDWOOD
FORMAL DINING
10' CEILING
HARDWOOD
COVERED
ENTRY
BEAD BD. CEILING
STONE FLR.
BREAKFAST
NOOK
10' CEILING
HARDWOOD
KITCHEN
10' CEILING
HARDWOOD
ISLAND
SINK
DISH-
WASH.
DBL. SINK W/
DISPOSAL
PAN.
5 SHLVS.
ENTRY
10' CEILING
HARDWOOD
BUTLERY
POWDER
HARDWOOD
CLOSET
LAUNDRY
10' CEILING
TILE
DRYER
WASHER
TWO CAR
GARAGE
ONE CAR
GARAGE
8x8 CEDAR POST
W/ BRACKET
MASONRY STEPS
TO GRADE
DROPPED 2-1 3/4" x 16" LVL
OR W12x19 - SEE DETAIL B/A3
HOSE BIBB
SLOPE SLAB
1/8" PER FT.
2-2x12 H.
2-2x10 H.
2-2x8 H.
3-2x10
2x6 @ 16"O.C. WALL
2-1 3/4 x 11 7/8 LVL
BUILT INTO WALL ABOVE
2-1 3/4 x 9 1/4 LVL
2-1 3/4" x 11 7/8" LVL
DROPPED 2-1 3/4" x 18"
LVL OR W12x16
3-1 3/4"x9 1/4" LVL
BEP 18 R
10" TREADS
LINE OF BALCONY
ABOVE
2-2x8 HDR
2-1 3/4 x 9 1/4 LVL
HOSE-BIB
2-2x10 RAISED
LINE OF CANTILEVER
ABOVE
RAISED 2-2x10
FLARE BELOW
STUCCO
FINISH
MASONRY STEPS
TO GRADE
3-1/2"ø PIPE COL.
W/ 6 1/2" x 6 1/2"
x 3/8" STEEL
BASE PLATE ON
MASONRY
O.H.C.
REF.
DESK
PED.
SINK
HOT
COLD
W16x31
DROPPED
W12x19
W14x26 BUILT INTO
WALL ABOVE SET @
104.5" A.S.F. OF
HOUSE
W12x46 BUILT INTO
WALL ABOVE SET @
104.5" A.S.F. OF HOUSE
3-2x10
SET @ 104.5" A.S.F.
2-2x10
SET @ 104.5" A.S.F.
2-1 3/4 x 9 1/4 LVL
SET @ 104.5" A.S.F.
3-1/2"ø PIPE COL.
PEGBOARD
BOLTED
9'x8' OVERHEAD DOOR
2-2x10 H.
LINE OF O.H. DOOR
12'-4"
CURB OF
FOUNDATION
WALL
BLK. DN.
W/ 3 STUDS
NOTE:
PROVIDE 1/2" SHEETROCK
BETWEEN HOUSE
AND GARAGE ON WALLS
& CLG TO SEPARATE
GARAGE FROM HOUSE
SHEATH EXTERIOR AND INTE
OF GARAGE W/6 WALL W/ 7
OSB FASTENED TO STUDS W
NAILS @ 4" O.C. @ PANEL E
AND 8" O.C. IN FIELD. INST
BOLTS OR 3-SIMPSON MAB
FOUNDATION STRAPS IN EA
SHEATH EXTERIOR AND INTERIO
OF GARAGE W/6 WALL W/ 7/16"
OSB FASTENED TO STUDS W/ 8d
NAILS @ 4" O.C. @ PANEL EDGES
AND 8" O.C. IN FIELD. INSTALL
BOLTS OR 3-SIMPSON MABIS
FOUNDATION STRAPS IN EACH L
69'-6"


Acknowledge
Plans Submitt
Bill Poplin
SUITE THREE
9' CEILING
CARPET
BATH THREE
TILE
5' TUB
WALK-IN
CLOSET
CARPET
MEDIA ROOM
9' CEILING
CARPET
BALCONY
9' CEILING
CARPET
EXERCISE
OPEN
GUEST SUITE
9' CEILING
CARPET
GUEST
BATH
TILE
5' TUB
SUITE TWO
9' CEILING
CARPET
WALK-IN
CLOSET
CARPET
LIN.
HALL
9' CEILING
CARPET
BATH TWO
TILE
REC.
ROOM
CLIPPED
CEILING
LIN.
CLOSET
CARPET
ATTIC
Arched
opening
2x8 C.J. @ 16" O.C.
2-2x10
3-2x10
2-2x10 H.
4 STUDS
3 STUDS
2-2x8
2-2x12 H.
12" STEP UP
36" HIGH RAILING
DN 15 R
10" TREADS
DISAP. STAIRS
SEE DETAIL
A/7
12" DOWN
AUXIRY
CHUTE
2-2x8 CEILING JOISTS @ 16" O.C.
2-2x6 C.J. @ 16" O.C.
TIED TO RAFTERS
8'-1"± FIN. WALL HT.
6'8" ± FIN. WALL HT.
CLIPPED CEILING
28" ACCESS DOOR
W/ WEATHER STRIP
2-1 3/4"x9 1/4" LVL
OR 3-2x10'S
8-1 3/4" x 18" LVL
OR W12x22
1.5K HANGER
OR BLK.
ON W/ 3 STUDS
2-2x8'S
2 JACKS
64'-6"
INDICATES BLOCKING FOR ABOVE CONCENTRATED LOADS AND ROOF BRACING POINT LOADS U.N.O.

# Iredell County
# ZONING PERMIT

227 South Center St. PO Box 788 Statesville, NC 28687 Phone 704-878-3118

**Call Sanitarian between 8 a.m. & 9 a.m. Statesville 704-878-5305 Mooresville 704-664-5281**

| | | | |
|---|---|---|---|
| Permit #: | 118980ZO | Subdivision: | The Point Ph 13 |
| Proposed Use: | Single Family | Township: | 1700 Davidson |
| Location of Property: | 000 Milford Cr. Mooresville NC 28117 | | |
| Parcel #: | 4625-83-4957.1347 | Zoning: | R20 CUD |
| Lot #: | 1347 Size: 34,134 | Flood Plain: | No Watershed: WSIV-CA |
| Applicant: | Toney Jacobs & Associates, Inc (Toney Ja | Owner: | The Point On Norman LLC |
| Address: | 168 Broadbill Dr<br>Mooresville NC 28117 | Address: | 2214 Brawley School Road<br>Mooresville, NC 28115 |
| Phone: | 704-663-6905 | Phone: | 704-660-1185 |
| Property Recorded: | No Site Plan Reviewed: | Community Water: | Yes Community Sewer: |

**If permitted the following minimum requirements must be met, unless Health Department requires more land area, or other qualifications are indicated in the comments.**

| | | |
|---|---|---|
| Min. Lot Area: 30000 | Min. Front Yard: 50 ft | Min. Left Side Yard: 15 ft |
| Min. Lot Width: 90 | Min: Rear Yard: 35 ft | Min: Right Side Yard: 15 ft |
| Min. Number Parking Spaces: | | Max. Built Upon Area: |

Comments:
Hold building permit until plat is recorded. 50' front setback depicts the location of the minimum 100' buildable lot width requirement

Directions:
Brawley School Rd, left on Yacht Rd, left on Milford Cr, left on Alton Ct, at end on left

**FEES**

| | | |
|---|---|---|
| Zoning Permit/Inspection Fee | ☑ | $45.00 |
| Site Plan Review Fee | ☐ | $0.00 |
| Environmental Health New System | ☑ | $200.00 |
| Environmental Health Existing System | ☐ | $0.00 |
| Total Fees: | | $245.00 |

I certify that all statements made in this application and any attached documents are true, complete, and correct to the best of my knowledge and belief and are made in good faith. I understand that false information may be grounds for rejection of this application. Authorized Health Department and Planning & Enforcement Representatives are granted right of entry to make evaluations or inspections and to release information upon public request.

Applicant:_____ Date: _____

A non-refundable fee of $45.00 is charged on all permit applications.

STEPHANIE WHITLOCK Printed: 2/10/2004