

## APPLICATION FOR

**CONDITIONAL USE PERMIT**

Chatham County Planning Department  
P.O. Box 54  
Pittsboro, NC 27312

Tel: 919/542-8204  
Fax: 919/542-2698  
Email: angela.birchett@chathamnc.org

**(1) Applicant Information:**

Name: Rocky McCampbell  
Address: 11310 Governors Dr.  
Chapel Hill, NC 27517  
Phone No: (h) 919-960-2840  
(w) 919-960-2840  
(m) 919-422-3159  
Email: rmccampbell1@bellsouth.net

**(2) Landowner Information (as shown on deed)**

Name: Alice D. Cheek Martindale  
Address: 1115 Mt. Carmel Church Rd.  
Chapel Hill, NC 27517  
Phone No: (h) \_\_\_\_\_  
(w) \_\_\_\_\_  
(m) \_\_\_\_\_  
Email: \_\_\_\_\_

**(3) Property Identification:**

911 Address: 1115 Mt. Carmel Church Rd PARCEL#: 64812  
Chapel Hill, NC 27517  
S.R. Name: Mt. Carmel Church Rd. Deed Book: 636 Page: 748 Yr: 1994  
S.R. Number: 1008 Plat Book: 91 Page: 169  
Township: Williams Current Zoning District: R1  
Acreage: 4.03 (Only using 1ac for business) (See Attached drawing)  
Flood map #: 37109796 00J Watershed District: WS-IV-PA  
(2-07-2007)  
Flood Zone: X

**(4) Requested Conditional Use Permit for the following Uses: Section 10 of Zoning Ordinance**

Neighborhood Business - Retail Sales and Personal Service Shops,  
Specifically Dog Grooming

**(5) Directions to property from Pittsboro:**

Head West on East St Toward Masonic St. Enter Roundabout. Take 1 Exit  
to Hillsboro St, Continue to us-501. Turn Right Onto Bennett Road.  
Turn Right onto Mount Carmel Church Road to 1115 Mount Carmel Church  
Road, Chapel Hill, NC 27517 - On The Right

**(6) Attach the following, if requesting a zoning map amendment:**

- ☐ List of names and addresses or current adjoining property owners (see Adjacent Landowners form)
- ☐ Written legal description
- ☐ Map of the property at a scale of not less than 1 inch equals 200 feet
- ☐ Explanation of request addressing applicable portions of Section 17 Conditional Use Permits of the Chatham County Zoning Ordinance

**(7) Attach Submission Materials Checklist Information (see Submission Materials Checklist form)**

I hereby certify that I am the owner or authorized agent of said property and that the information provided is complete and the statements given are true to the best of my knowledge.

*Rocky McCampbell*  
Signature

*12-17-10*  
Date

**The owner must sign the following if someone other than the owner is making the application.**

I hereby certify that Rocky McCampbell is an authorized agent for said property and is permitted by me to file this application.

\* *Alice C. Martindale*  
Signature

\* *12-16-10*  
Date

## **GENERAL APPLICATION REQUIREMENTS**

### **I. DESCRIPTION OF THE PROJECT:**

#### **1. Location:**

- a. The proposed dog grooming business facility will be located at 1115 Mount Carmel Church Road, Chapel Hill, NC, operating within the confines of an existing detached garage. The parcel number for the property is # 64812 and is referenced as Plat Slide 91-169, Deed Book 736-478, Deed Book 413-757, Pin # 9796-18-9462, in Williams Township, Chatham County, North Carolina.
- b. The garage is located 228 feet from Mount Carmel Church Road and 53 feet from the southern side property line. There is an existing gravel drive extending from Mount Carmel Church Road to the garage.
- c. The property's present zoning classification by Chatham County is R-1.
- d. The watershed designation is WS-IV PA. The Watershed Ordinance allows for 36% impervious surface area. The proposed site plan modifications create an impervious surface area of 4.4%. Rain water evenly flows across the property in a south westerly direction.
- e. This site does not border any Major Wildlife Areas.
- f. The site measures 4.03 acres.
- g. Chatham County currently supplies water service to the site. A water meter is presently located at the east (front) property line.
- h. The recent historical use of the property has been for residential rental purposes.
- i. The site currently contains a single family home, a detached two car garage, and a small storage outbuilding.
- j. There have been no other Conditional Use Permits granted for this property.

The property owners are Bruce and Alice D. Cheek Martindale. There is an existing contingency contract agreement between Bruce and Alice D. Cheek Martindale, the Sellers, and Rocky and Kimberleigh McCampbell, the Buyers. The contingency is based upon approval of the Conditional Use Permit by the Chatham County Planning Board.

Application for a new wastewater system servicing the dog grooming business has been submitted and approved by the Chatham County Health Department/ Environmental Health Division on October 12, 2010. The installation of the new system would begin after the sale and legal transfer of the property to Rocky and Kim McCampbell.

The Chatham County Water Department has determined the need for the installation of a new and separate water meter to provide water service solely for the dog grooming facility. A water line from the water meter to the building location will be installed; its location is illustrated on the Site Plan.

## **2. DESCRIPTION OF USE:**

### **Business Use Description**

The proposed business will provide dog grooming services only. The services provided will include:

- Dog brushing
- Dog toe nail trimming
- Dog bathing
- Dog grooming
- General examination of dog health/skin condition

The business activity will occur during normal business hours (7:30 AM – 6:00 PM). Dogs being groomed will be contained within appropriately sized cages within the confines of the structure housing the business. Dogs taken outside of the confines of the structure during the course of the grooming activity will be leashed. Any resulting animal excrement will be removed from the building perimeter and surrounding yard area daily. Customer dogs entering and departing from the business location will be required to be leashed or hand carried. There will be no overnight boarding of dogs.

Kimberleigh McCampbell presently owns and operates Pretty Paws, Inc., located in Cary, NC. Her professional grooming expertise along with her personal attention and genuine affection for each “doggy client” have resulted in twenty years of successful service to an established and expanding client base. Her desire is to bring an even more personalized service to an area of Chatham County which has a growing number of potential “doggy clients.”

## **3. Site Plan and Drawings**

- a. There are three (3) existing buildings on the property: a single family home, a detached garage, and a small log barn w/ shed roof.
- b. The detached garage will have an exterior renovation on the east side of the building, facing Mount Carmel Church Road. The two existing garage doors will be eliminated. An entry door and windows will replace the existing garage door configuration. A porch roof, extending five feet, will be added across the same

facade to enhance the overall look of the building and afford protection from the weather at the entrance door.

- c. The landscape planning will maintain the established rural landscape theme while providing the required screening and landscape enhancements needed to compliment the garage front elevation renovations and parking area. There will be no change in the established landscaping surrounding the existing house, shed or yard area.
- d. Screening along the southern most property line near the detached garage area to lessen the visual impact of parking and business activity will be accomplished by the installation of landscape plantings as illustrated in the Landscape Plan.
- e. No permanent, designated natural preserved areas will be created or anticipated.
- f. The site boundaries have been defined by a licensed surveyor, Thomas L. Ramsey, and illustrated on the Site Plan drawing.
- g. The proposed parking layout design allows for six parking spaces, one of which will be a designated handicap parking space. The driveway will be gravel, except for concrete paving serving the handicap parking space and sidewalk to the building. The existing concrete pad surrounding the garage will be modified to accommodate the porch and building entrance modifications.
- h. The business sign will be constructed of wood. The sign will be located where permissible near Mount Carmel Church Road at the entrance to the southern branch of the circular driveway. The sign will be six feet tall and five feet wide. It will be lit on both sides with ground lighting.
- i. There are no plans for future development or improvements beyond the present proposed modifications.
- j. The proposed lighting plan is illustrated on the attached Lighting Plan Sheet. The plan makes use of the existing yard light depicted on the Site Plan.
- k. The site is allowed to have 36% impervious surface area. The existing impervious surface area is 7812.30 square feet or 1.1% of the site area according to the plot plan prepared by a licensed land surveyor, Thomas L. Ramsey. The proposed improvements would result in an impervious surface area of 4.4%.
- l. The included Site Drainage plan illustrating the existing/proposed topographical features of the site depicts surface water drainage "sheet flowing" across the property in a southwesterly direction. The yard areas around the existing house, garage and storage building are grass covered resulting in minimal erosion. The proposed grade changes resulting from the front porch addition and parking area will have very minimal impact on the existing drainage and will cause no foreseeable storm water run-off drainage issues.
- m. There are no streams or wetlands occurring within the site area.
- n. Please refer to Chatham County Property Map for vicinity and property location information.

- o. Please refer to Chatham County Property Map for property tax reference information.

4. **Start and Completion Projections**

The approximate start time for the required renovations needed to convert the garage to a grooming facility will be in June, 2011. The anticipated opening of the dog grooming business will be in October, 2011.

5. **Reference to Existing County Plans**

The site is not mentioned in any current county plans (highway, watershed).

II. **FINDING #1**

1. **Validation of Use in Zoning Ordinance**

The requested use is permitted under the Chatham County Zoning Ordinance as "Neighborhood Business -Retail Sales and Personal Service Shops."

2. **Land Development Plan Reference**

This section is not applicable to the requested use.

III. **FINDING # 2**

1. **Need and Desirability**

The proposed dog grooming business will provide a convenient service to northeastern Chatham County and surrounding areas. Proximity to established residential areas is a key factor to the success of a business providing services. The Mount Carmel Church Road property is located near several established Chatham County residential communities. The following is a partial list of communities within a ten mile radius of the site:

<b><u>Community</u></b>	<b><u>Existing &amp; Proposed Homes</u></b>
Governors Club	1209
Governors Park	144
Governors Village	100
Governors Lake	49
Governors Forest	51
Governors Townhomes	84
Townes of Governors	76
Camden Village Apts	242
Briar Chapel	2389
The Preserve	500
The Legacy	105
Windfall	73
Fearrington Village	Information not available
<b><u>Total Existing &amp; Proposed Homes</u></b>	<b><u>5022</u></b>

According to the American Veterinary Medical Association market research statistics of 2007, 37.2 % of these residents are dog owners. Applying the AVMA calculation (37.2%) to the number of existing and proposed homes (5022) estimated to be located in nearby communities equals an estimated, potential customer base of 1858 dogs within a close radius of the site. Residents of these neighborhoods will no doubt appreciate the establishment of a highly skilled grooming service within a very short travel distance of their homes.

Businesses have been steadily increasing in number in response to the increased residential population in this area. The correct mix of successful service businesses and residential communities creates a desirable community atmosphere. Such an atmosphere helps create the perception of higher value which should, given a good economy, translate into increased investment and tax revenues. A full service dog grooming business will perfectly compliment the growing service business base being established in the northeast area of Chatham County.

The visibility of a business and its location in relation to passing traffic is very important in attracting clients. The daily traffic volume on Mount Carmel Church Road will allow that important advertising/marketing component to exist. Further, since Mount Carmel Church Road is a well-traveled thoroughfare connecting Chapel Hill to its surrounding areas, many customers will be able to conveniently drop off their dogs for bathing or grooming in route to daily activities and pick them up on the way home.

2. Survey of Similar Uses

There are several veterinarian clinics and animal boarding facilities in the surrounding area offering dog grooming as a secondary service. Only one existing, independent dog grooming facility is located in Chatham County. It is located 19.1 miles from the proposed Mount Carmel Road site. The veterinarian clinics and boarding facilities are located in a range of 6.4 miles to 15 miles from the Mount Carmel Church Road site.

3. Public Provided Improvements.

There are no public provided improvements necessary to support a dog grooming business located at 1115 Mount Carmel Church Road.

**IV. FINDING #3**

1. Emergency Services

There would be no additional emergency services, other than existing services, required for the requested conditional business use.

2. Traffic

According to Jennifer Britt, NCDOT, the current capacity of Mount Carmel Church Road, also known as SR 1008, is calculated at 15,000 vehicles per day. The 2009 NCDOT maps show the average daily use to have been 4,300 vehicles per day. The increase in traffic on Mount Carmel Church Road due to vehicles carrying customers or deliveries to and from the proposed business location would total less than fifteen trips (cars) per day. The impact to traffic would be minimal. The low traffic impact resulting from daily business activity involved with the operation of the dog grooming facility would not necessitate the addition of turning lanes or any road design modifications on Mount Carmel Church Road, according to Ms. Britt.

3. Impact to Surrounding Land Values

This information is not required.



4. Visual Impact and Screening

The impact of the minor renovations involved with converting the existing garage into a dog grooming facility will be minimal. The exterior facade of the garage will be visually upgraded in the same architectural style present on the existing single family house. Plantings used as screening will visually conceal parking areas and areas of increased activity from neighbors and passersby. Please refer to the Landscape Plan.

5. Lighting

The exterior lighting plan will be simple. The existing pole mounted mercury vapor light will remain where located. Downward pointing, canopy covered flood lights with 65 watt flood bulbs will be mounted on each porch corner overhang to allow for walkway and porch entrance lighting. Three recess light fixtures with 65 watt bulbs will be located in the porch ceiling to provide entrance door and porch lighting. There will be two landscape up lights based at each side of the business sign located near Mount Carmel Church Road. All exterior lighting will be controlled by light sensors and timers. Please refer to the Lighting Plan for details.

Business hours will be primarily during daylight hours (7:30 AM – 6:00 PM). The need for night lighting will occur for only short periods of time during the winter months.

6. Noise

There will be noise generated from dogs intermittently barking within the confines of the building. A dog's bark can generally be rated at 75 dB of sound at the source. The dogs being groomed will remain inside the grooming facility, never contained outside the structure.

The Chatham County Noise Control Ordinance states in Article III: Maximum Permissible Standards by Receiving Land, Table I, that between the time 8:00 AM and 10:00 PM, without a permit, the maximum sound level resulting from activity cannot exceed 60 dB (decibels).

The difference between the inside and outside noise level of a structure is determined by the exterior wall composition; the weakest sound resistance feature usually being a window. The wall composition to be installed/modified on the perimeter of the facility will have an approximate STC rating of 35. The windows which will be installed upon modification of the exterior elevation will have an STC rating of 27. The STC rating is

derived from calculating the sound transmission loss, in decibels, of a construction type at sixteen different frequencies. Accordingly, the dog bark emanating from inside the dog grooming facility will have a sound level of approximately 48 dB on the immediate outside of the wall. The approximate sound level from automobile traffic (ten cars per minute) at ground level is generally calculated at 52 dB when heard at a distance of one hundred feet from the source. Therefore, the noise levels created by the daily activities of a dog grooming facility will be no greater than daily noise levels presently occurring at the site. Furthermore, sound levels dissipate quickly over distance. The facility will be located approximately 250 feet from Mount Carmel Church Road and 135 feet from the closest (southern) neighbor.

#### 7. Chemicals, Biological, and Radioactive Agents

Harsh or dangerous chemicals will not be used at this facility. The following is a list of the products which will be used and stored at the site:

<b><u>Product</u></b>	<b><u>Use</u></b>	<b><u>MSDS</u></b>
Kennel Care	Disinfectant	Yes
Nature's Miracle	Stain & Odor Remover	Yes
Green Works	Household Cleaner	Yes
Anti-Stat	Grooming Spray	Yes
Coat Handler Conditioner	Crème Rinse	Yes
Flea & Tick Shampoo	Shampoo	Yes
Bark 2	Ear Cleaner	Yes
Arm and Hammer	Laundry Detergent	Yes
Bio-Groom Pro Lanolin Shampoo	Shampoo	Yes

#### 8. Signs

The dog grooming business will apply for a Chatham County sign permit. Compliance with all County and NCDOT ordinances and regulations will determine the location and design of the sign. The sign location can generally be described as being on the north side of the southernmost branch of the circular driveway. It will be constructed of wood and is intended to be six feet tall, five feet wide, and one foot off the ground.

**V. FINDING #4**

**1. Land Development Plan**

This section does not apply to the intended use.

**2. Land Conservation and Development Plan Reference**

The Chatham County Land Development Plan outlines goals of balanced growth with different types of development guided to suitable locations while upholding the rural character of the county.

The proposed dog grooming facility will comply with these goals.

The business will be located in an area which remains rural in character. The renovations needed to convert the detached garage to a grooming facility will have a low visual impact on the existing residential setting. The existing single family home will remain as is. Furthermore, because of the nature of the existing driveway layout, the parking area modifications will cause a minimal disruption or change to the existing neighborhood setting.

The request for a conditional use permit for this property is preceded by the granting of similar permits for properties in close proximity. Parcels #19409, #19430, and #63618 are being used for business purposes. These properties are located on the same side of Mount Carmel Church Road as this site. They are a short distance from this parcel and one another. The addition of a conditional use permit for this site would follow the Plan's goal to guide appropriate (development) businesses to suitable locations.

The unique service provided by a full service dog grooming facility will be a type of business growth which adds balance to the needs of the local community.

In sum, establishing a dog grooming business at this site will result in very little change to the aesthetics of the neighborhood and will offer the surrounding community a unique and convenient service.

3. Watershed and Flood Considerations

The site conforms to the Watershed Protection Ordinance because it is not within any flood zones and is well within the impervious surface limits allowed per existing ordinances. Minimal site grading, landscaping, and minimal disruption of ground cover will occur during renovations which will ensure no significant changes in the watershed characteristics of the property.

VI. FINDING #5

a. Water Source and Requirements

The property is currently connected to the Chatham County water system. However, Chatham County Public Works has determined that an additional water meter is needed to supply water service for the dog grooming facility. The estimated water usage would be no more than one hundred gallons per day. The water line connection from the meter to the facility will be made by the property owner and its preferred location is illustrated on the Site Plan. Please refer to the Site Plan.

b. Wastewater Management

The wastewater for the dog grooming facility will be managed with a new and separate septic system. An application was submitted and an improvement permit has been issued to Alice Martindale, the present property owner. The system has been designed specifically for the needs of the dog grooming facility. Please refer to the copy of the permit and guidelines.

c. Access Roads

The existing driveway connecting to Mount Carmel Church Road is gravel. It is a circular driveway design with two points of access to Mount Carmel Church Road. The NCDOT will require the circular driveway to be separated; one driveway entrance to be used by the dog grooming facility clients and the other driveway entrance to be used for the single family home inhabitants. This separation will be created with mechanical parking barriers.

d. Storm Water Runoff

This section is not applicable to the requested use condition.

Adjacent Landowners (property owners across a public or private road, easement, or waterway are considered adjacent landowners)

Legal notices are mailed to these owners, please type or write neatly.

(1) John W. Huffstetler  
1145 Mt. Carmel Church Rd.  
Chapel Hill, NC 27517

(3) Daniel J. Deacon  
1035 Mt. Carmel Church Rd.  
Chapel Hill, NC 27517

(5) Ben Ford Cheek  
945 Mt. Carmel Church Rd.  
Chapel Hill, NC 27517

(7) \_\_\_\_\_  
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(2) Bruce B. Martindale  
1077 Mt. Carmel Church Road  
Chapel Hill, NC 27517

(4) Carol C. Sparrow  
993 Mt. Carmel Church Road  
Chapel Hill, NC 27517

(6) Mt. Carmel Baptist Church  
Mt. Carmel Church Road  
Chapel Hill, NC 27517

(8) \_\_\_\_\_  
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# CHATHAM COUNTY PUBLIC UTILITIES

**UTILITIES**

- Maintenance and Construction
- Water Treatment Plant
- Wastewater Treatment Plant
- Billing & Collections



Phone: (919) 542-8270  
Fax: (919) 542-8282

POST OFFICE BOX 910  
PITTSBORO, N.C. 27312-0910

## WATER SERVICE AVAILABILITY

Chatham County Water has examined the following property and has made the determinations as checked below:

Parcel ID: 64012

Owner of Record: Alice Martindale

Street Address: 1115 Mt. Carmel Ch. Rd

- ☒ Property has water service available from an existing County-owned waterline with simple service connection.
- ☐ Based on proposed development plans, the developer would be required to extend an existing County-owned waterline to this property.
- ☐ County water service is not currently available to this property and the property is too far from an existing County-owned waterline to require extension.

Date: 11/29/10

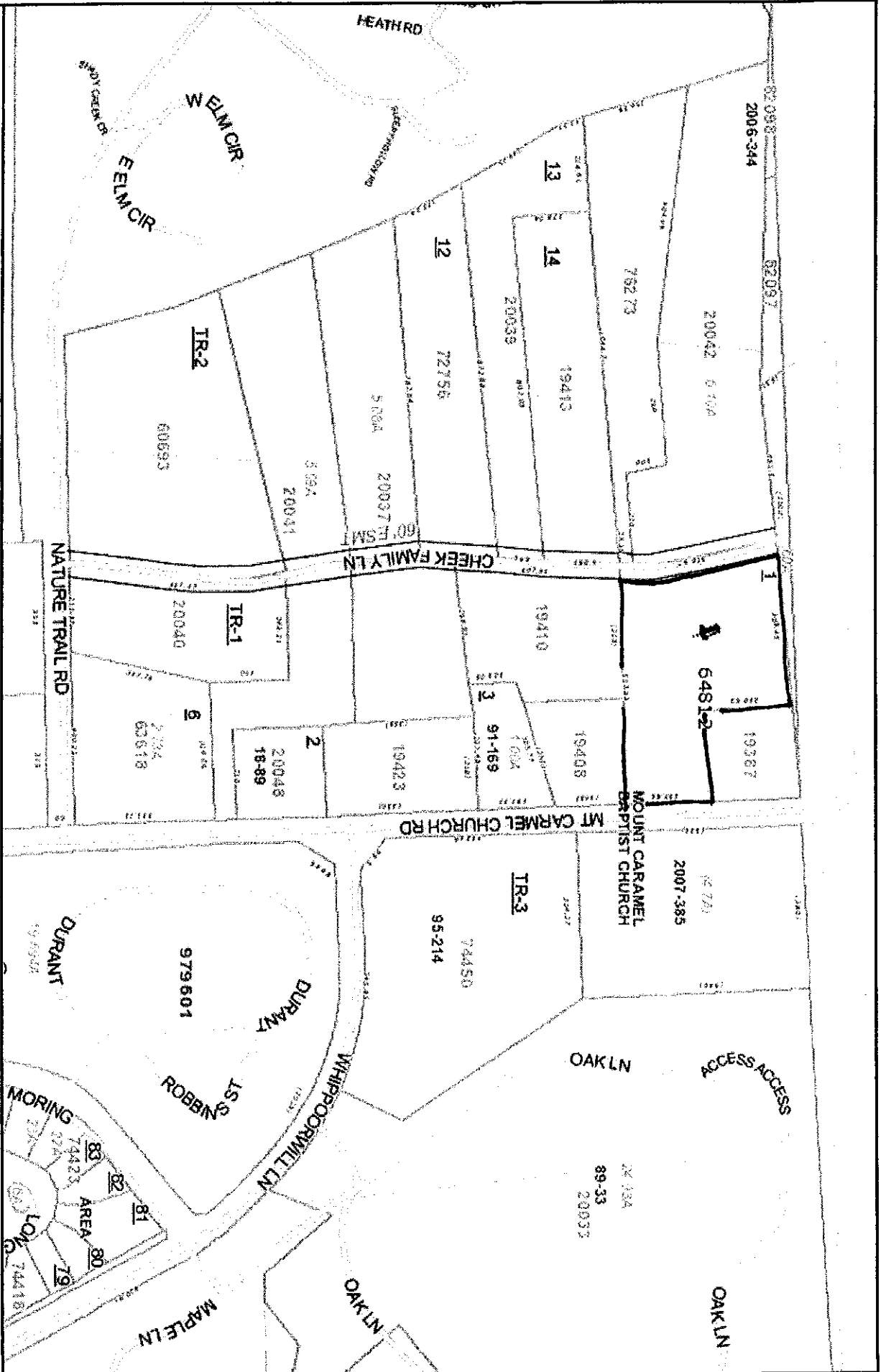
Signed: Leonard McBryde  
Leonard McBryde, PE  
Chatham County Public Utilities



# CHATHAM COUNTY, NC

## Property Map

Disclaimer:  
The data provided on this map are prepared for the inventory of real property found within Chatham County, NC and are compiled from recorded plats, deeds, and other public records and data. This data is for informational purposes only and should not be substituted for a true title search, property appraisal, survey, or for zoning verification.

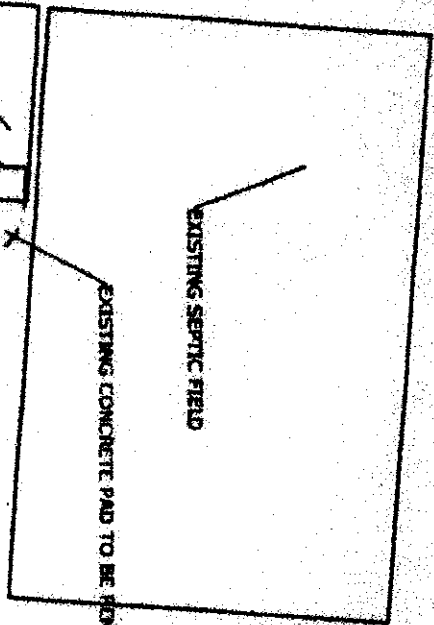


One Inch = 303 Feet

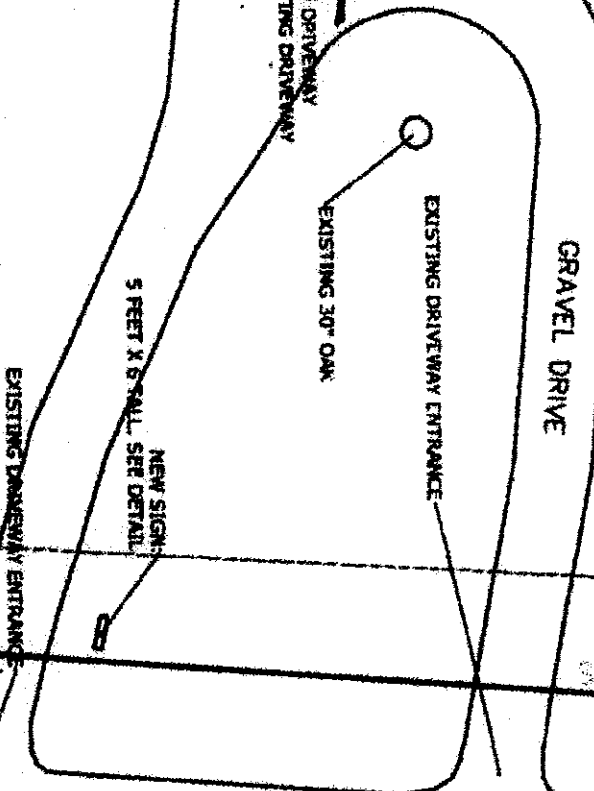
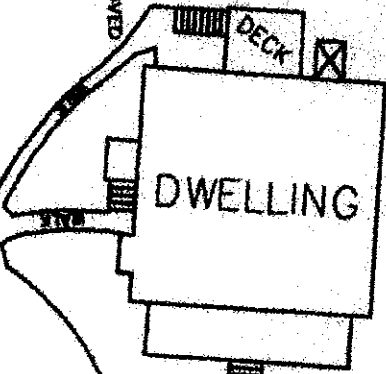
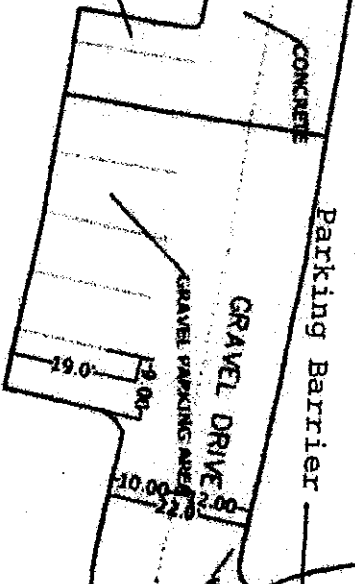


SITE PLAN  
1115 Mount Carmel Church Road  
Chapel Hill, NC 27517

B  
BARN



GARAGE



CRAVEL DRIVE

OVERHEAD POWER

304°14'14"W 137' 02"

EXISTING WATER METER

CONTROL CORNER

MT. CARMEL CHURCH ROAD  
SR 100B (60'R/W) PUBLIC





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**MOUNT CARAMEL  
BAPTIST CHURCH**

1115 Mt Carmel Church Rd, Chapel Hill, NC 27517

© 2010 Europa Technologies  
© 2010 Google

35°51'42.83" N 79°01'38.91" W elev: 285 ft

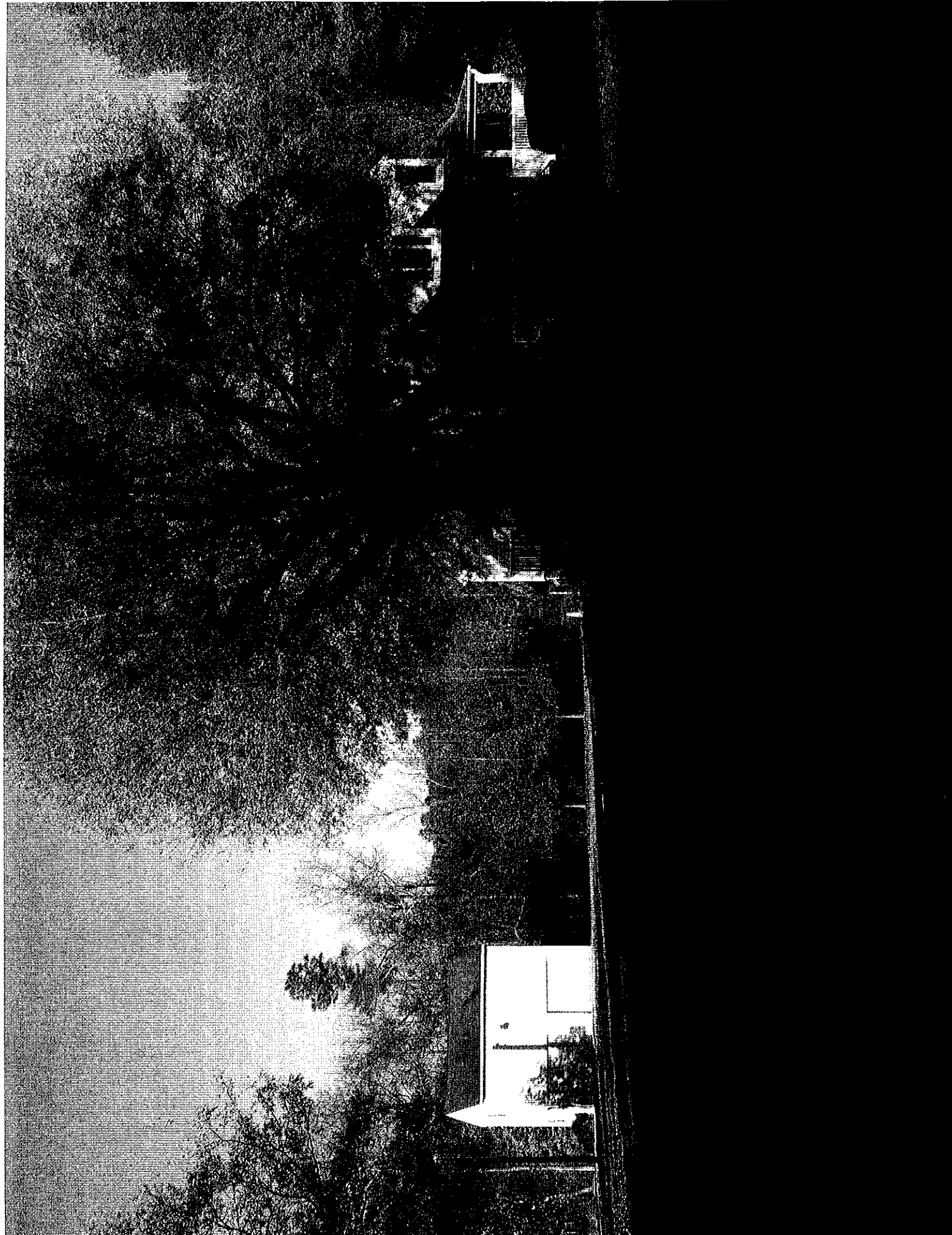
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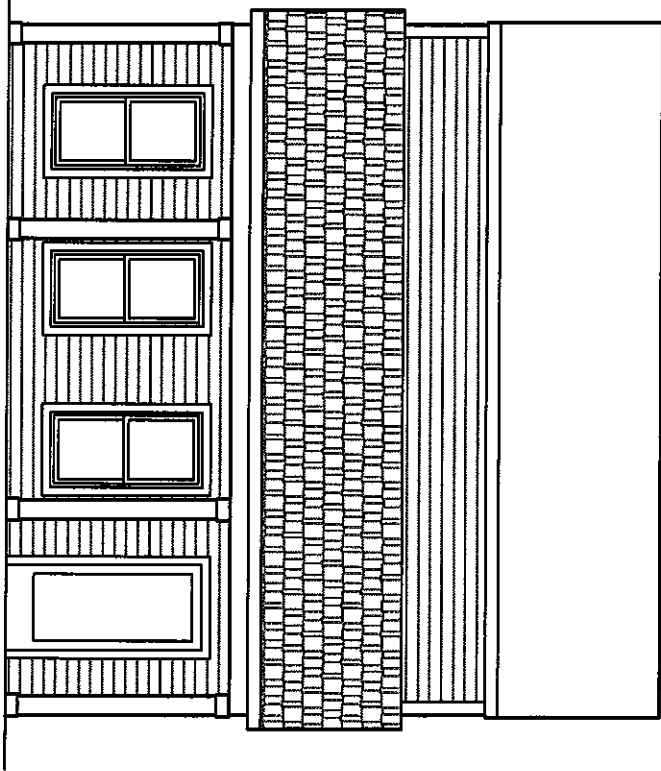
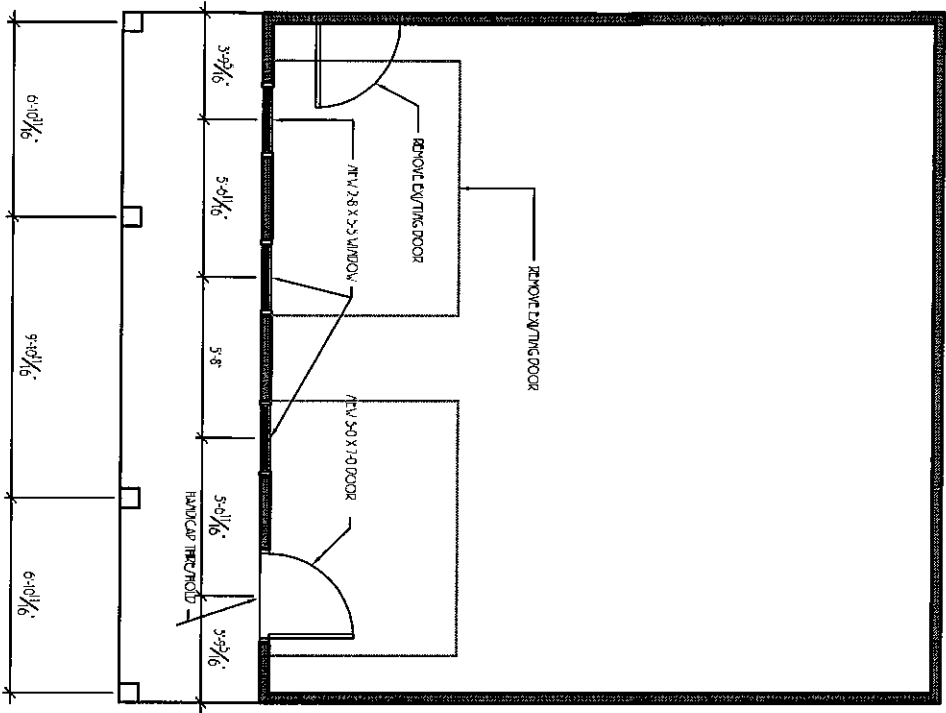
Google

Everett 815 ft









1-A101	FLOOR PLAN	1-A101	FRONT ELEVATION
12'-0 1/2"	20'-0 1/2"	12'-0 1/2"	20'-0 1/2"

SHAW DESIGN, INC.  
REGISTERED PROFESSIONAL ENGINEER  
NORTH CAROLINA  
NO. 10000

PLANS AND ELEVATIONS  
DOG GROOMING FACILITY  
1115 MT CARMEL CHURCH ROAD  
CHATHAM COUNTY, NORTH CAROLINA

DATE: 11/08/2012  
DRAWN: JAH  
CHECKED: JAH  
SCALE: 1/8" = 1'-0"

A101  
REVISION: 01/2012

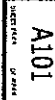
## 3



		1-101		A101	
FLOOR PLAN		FRONT ELEVATION			
1/8" = 1'-0"		1/8" = 1'-0"		SHEET 165	OF 2416
N		N			

**DOG GROOMING FACILITY**  
1115 MT CARMEL CHURCH ROAD  
CHATHAM COUNTY, NORTH CAROLINA

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 104



# CHATHAM COUNTY HEALTH DEPARTMENT ENVIRONMENTAL HEALTH DIVISION

80 East Street ▪ P. O. Box 130 ▪ Pittsboro, NC 27312-0130  
Phone (919) 542-8208 ▪ Fax (919) 542-8288

## OFFICE USE ONLY

TPN \_\_\_\_\_  
Permit No. \_\_\_\_\_  
Date \_\_\_\_\_  
EHS \_\_\_\_\_  
System Type \_\_\_\_\_

### Improvement Permit for Wastewater Systems ARTICLE II-CHAPTER 130A OF THE NC GENERAL STATUTES

NEW ☒ REPAIR ☐ EXPANSION ☐ REVISED ☐

An Improvement Permit is issued to Alice Martindale for  
a 4.03 acre site located on Mt. Carmel Ch. Rd.  
in Chatham County. It is specifically issued for the following facility:

Facility: Residential ( ) Non-Residential ( ☒ )  
No. Bedrooms \_\_\_\_\_ No. Residents/Employees employees + up to 7 dogs/day  
Type Wastewater: Residential ( ) Commercial ( ☒ ) grooming (10 gpd/day)  
Initial System Type: I ( ) II ( ) III ( ☒ ) IV ( ) V ( ) VI ( )  
Description Fill System  
Type System: Shallow Conventional ( ) LPP ( )  
Other \_\_\_\_\_

Design Flow 100 EPGD Application Rate 3 GPD/ft<sup>2</sup>  
Size Tank(s) w/Risers and Effluent Filter ST(2)1000 Gal PT \_\_\_\_\_ Gal  
Nitrification Line (Length/Width/Max Depth) 111' x 3' x 12" in fill material

(On contour in approved septic area; sch. 40 PVC required over step-downs)

Repair System Type: I ( ) II ( ) III ( ☒ ) IV ( ) V ( ) VI ( )  
Description Fill System

Special Conditions (2) Septic tanks required (1) tank will receive wastewater  
from dog grooming plumbing then be directed to 2nd Septic tank - all other  
wastewater will be collected to 1st tank.

A plat with site plan showing specific location of the facility, the site for the proposed wastewater system, existing buildings, property lines, water supplies, surface waters, the conditions for any site modifications; and any other information required by the department must be attached to be valid.  
Septic tank riser 6" above grade required over outlet access port as a visible marker for the septic tank.  
Solid PVC with elbows must be used to construct conveyance over dams or stepdowns.

This permit is valid [ ] without expiration [ ☒ ] for five years but is subject to revocation if the site is altered, soil disturbed, set-backs violated, or the plans of intended use are changed.  
The Improvement Permit shall not be affected by change in ownership.

**THIS IS NOT AUTHORIZATION TO INSTALL.** An authorization for Wastewater Construction must be obtained from this department before installation.

Issued by Cynthia Severy, R.E.H.S.  
Environmental Health Specialist

N.C. Registration Number 1554

Date 10/12/10

Name Martindale, Alice 911 Address Mt. Carmel Ch. Rd.

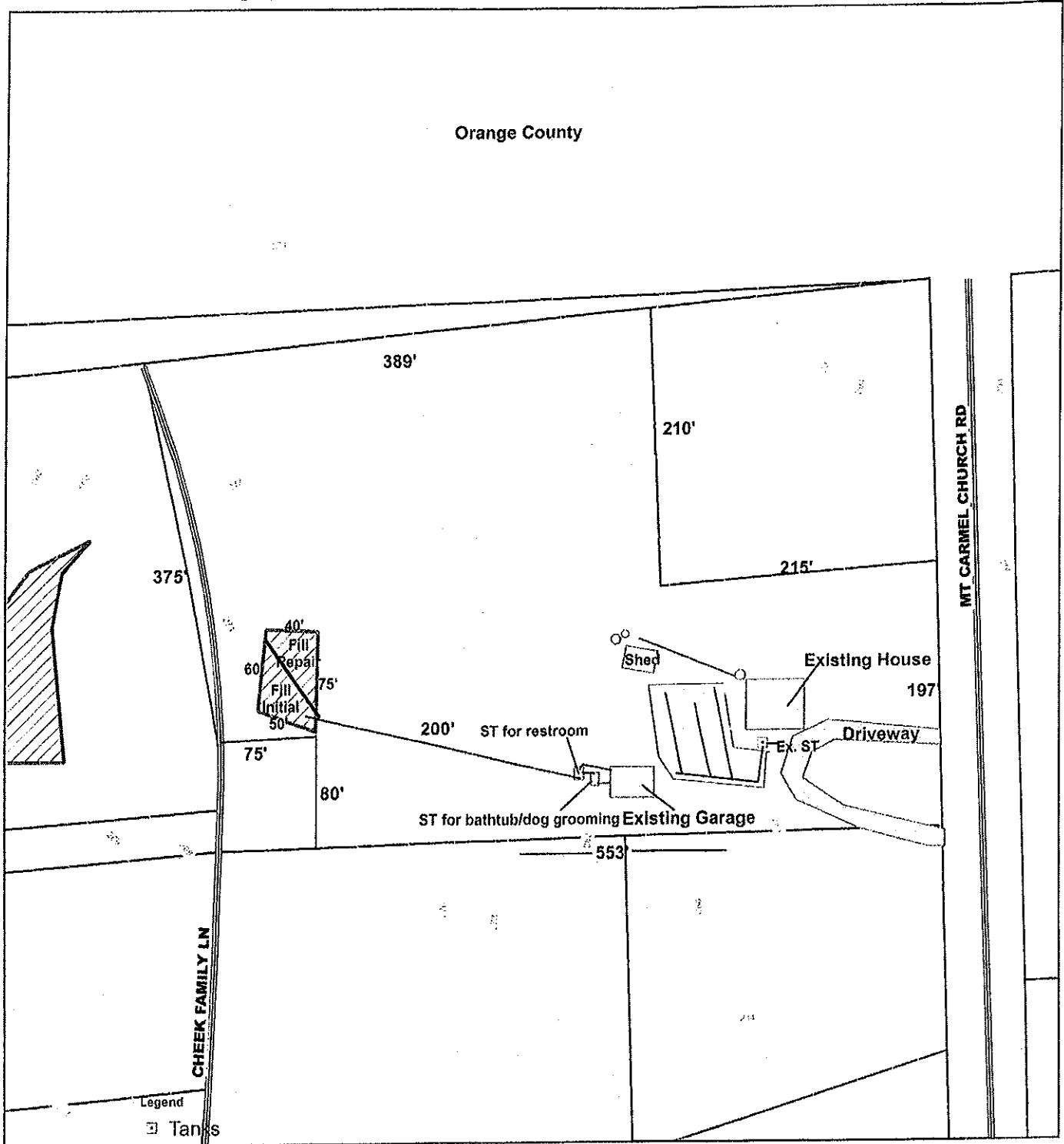


\* greywaterline

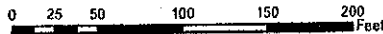
PARCEL # 64812

OWNER Martindale, Alice Cheek

Orange County



1 inch equals 100 feet



This document is for general information purposes only and is not to be considered official. Independent verification of all maps and data should be obtained by the users of the data from the Chatham County Environmental Health Dept.

NAME: Carmen Sewery 2015

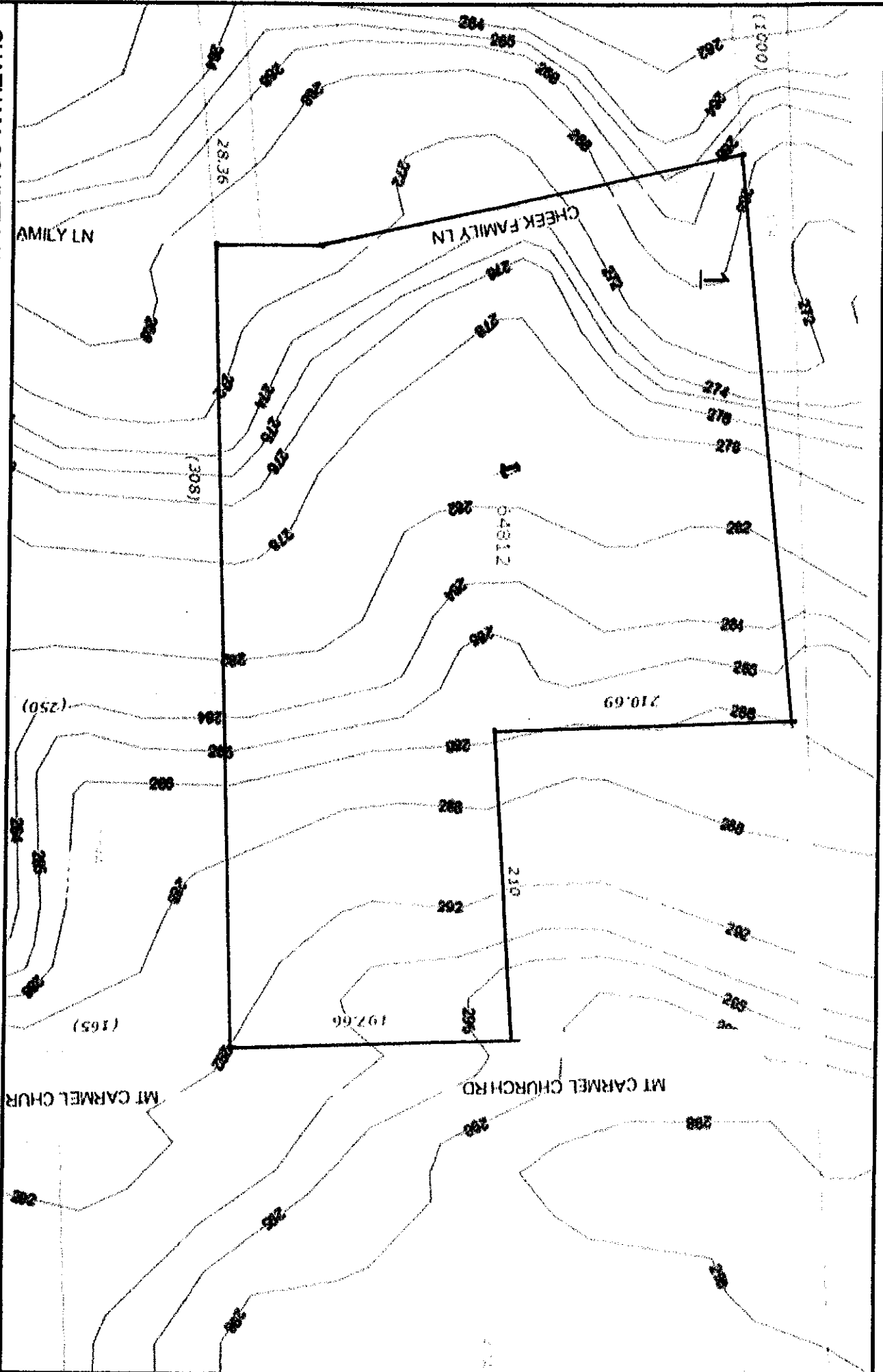
DATE: 10/12/10



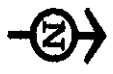
# CHATHAM COUNTY, NC

## Property Map

Disclaimer:  
The data provided on this map are prepared for the inventory of real property found within Chatham County, NC and are compiled from recorded plats, deeds, and other public records and data. This data is for informational purposes only and should not be substituted for a site survey, property appraisal, survey, or for zoning verification.



One Inch = 89 Feet



38/21 38 E 209.88' TO IRON PIPE

K-ALAN COMPANY  
LOT 1 MARTINDALE SUBDIVISION  
WILLIAMS TWP. CHATHAM CO. N.C.  
DATE: NOVEMBER 22, 2010 SCALE: 1"=30'

MAP REFERENCE  
PLAY SLIDE 91-169  
DEED BOOK 726-478  
DEED BOOK 413-757  
PIN# 9768-18-9442  
PROPERTY ADDRESS  
1115 MT. CARMEL CHURCH RD.  
CHAPEL HILL, NC

1. SEE PLAY SLIDE 91-169 FOR OTHER NOTES OF RECORD.  
2. THIS DRAINAGE DOES NOT CONFORM TO G.S. 42-10 AS AMENDED AND IS NOT INTENDED FOR RECHARGING.  
3. THIS IS AN EXISTING PARCEL OF LAND.

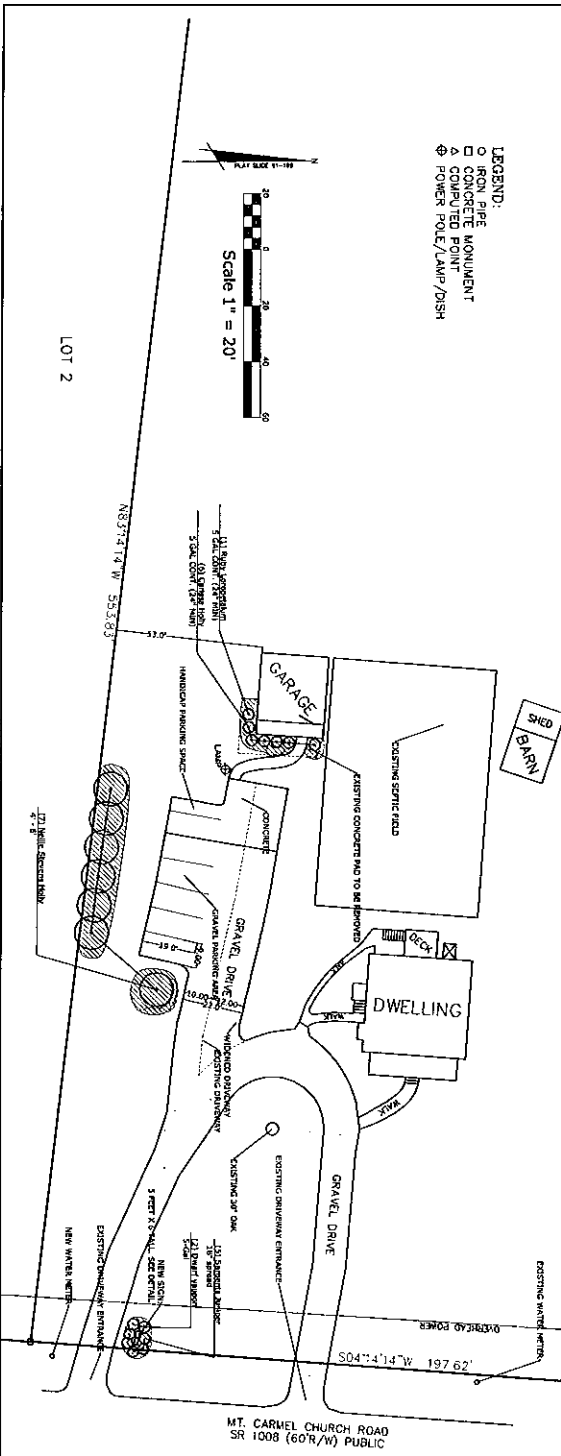
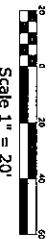
1. SEE PLAT SLIDE 91-169 FOR OTHER NOTES OF RECORD.
2. THIS DRAWING DOES NOT CONFORM TO G.S. 47-50 AS AMENDED AND IS NOT INTENDED FOR RECORDING.
3. THIS IS AN EXISTING PARCEL OF LAND.

LOT 1  
AREA= 175,678.5 SQFT  
4.03 AC.+/- (DMD)

IMPERVIOUS SURFACE AREAS:	
DRIVE & WALKS:	4,805.8 SQFT
GARAGE & PAD	997.1 SQFT
LOG SHED & COVER	420.0 SQFT
HOUSE & PORCH	1,589.4 SQFT
TOTAL=7,812.3 SQFT	OR 4.4%

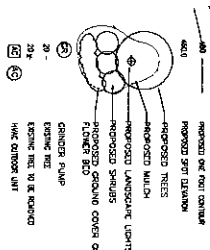
LEGEND:

- IRON PIPE
- CONCRETE MONUMENT
- △ COMPUTED POINT
- ⊕ POWER POLE/LAMP/DISH



2-L101	NOTES
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NOTES



2-L101	NOTES
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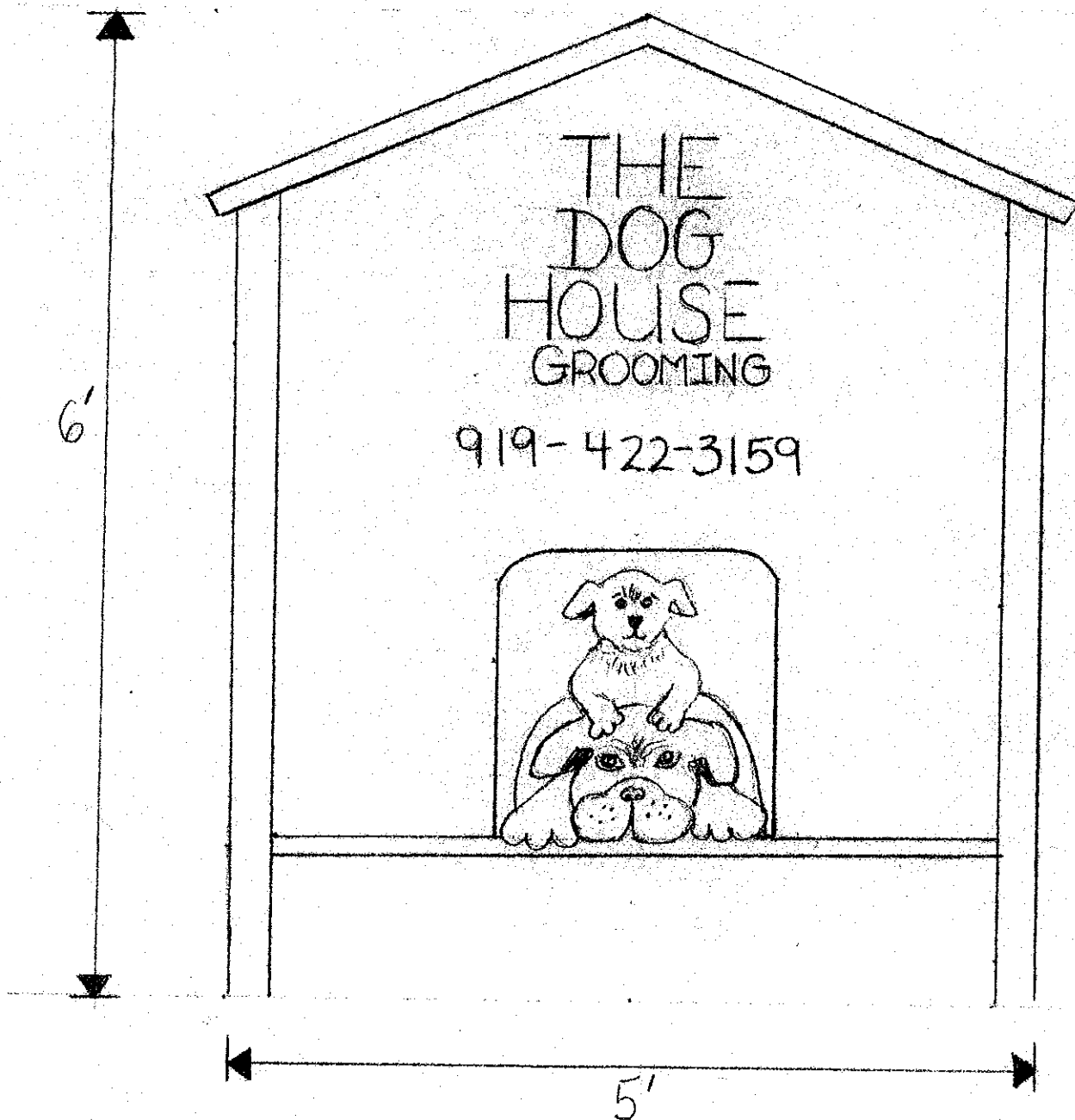
NOTES


**DETAILED LANDSCAPE PLAN**  
**THE GROOMING FACILITY**  
11115 MT CARMEL CHURCH ROAD  
CHAPEL HILL, NORTH CAROLINA

P.O. Box 4711  
14 Oakwood Drive  
Chapel Hill,  
North Carolina  
(919) 235-5025

**STARK'S  
DESIGN  
STUDIO**

DATE	11-29-10
DRAWN	DHS
FILE #	
L101	
SHEET 2 of 2	





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## Reference

Reference > Market research statistics > U.S. pet ownership

### Market research statistics

#### U.S. pet ownership — 2007

[Companion animals](#) | [Exotic animals](#) | [Formulas / Calculator](#)

Source: [2007 U.S. Pet Ownership & Demographics Sourcebook](#)

#### Companion animals ▲ [Top](#)

	Dogs	Cats	Birds	Horses
Percent of households owning	37.2%	32.4%	3.9%	1.8%
Number of households owning	43,021,000	37,460,000	4,453,000	2,087,000
Average number owned per household	1.7	2.2	2.5	3.5
Total number in United States	72,114,000	81,721,000	11,199,000	7,295,000
Veterinary visits per household per year (mean)	2.6	1.7	0.3	2.2
Veterinary expenditure per household per year (mean)	\$356	\$190	\$25	\$360
Veterinary expenditure per animal (mean)	\$200	\$81	\$9	\$92

► [View 2001 statistics](#)

#### Exotic animals ▲ [Top](#)

	Households (in 1,000)	Population (in 1,000)
Fish	9,036	75,898
Ferrets	505	1,060
Rabbits	1,870	6,171
Hamsters	826	1,239
Guinea Pigs	628	1,004
Gerbils	187	431
Other Rodents	452	949
Turtles	1,106	1,991
Snakes	390	586
Lizards	719	1,078
Other Reptiles	69	199
Other Birds	464	4,966
Livestock	728	10,995
All others	1,182	3,664

► [View 2001 statistics](#)

#### Formulas for estimating percentage of pet-owning households and pet population in your community ▲ [Top](#)

Most communities do not have data on the number of households that own dogs, cats, birds, or horses, nor do they have data on the numbers of these pets in their communities. The following formulas can be used to estimate the number of pet-owning households and pet populations in your community.

These formulas will give you an approximation of the number of pet-owning households and pet populations. These formulas assume that the demographics and rates of pet ownership in your community are similar to national, state and regional demographics and rates of pet ownership.



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Soundproofing  
Help Desk  
1-800-638-9355

## NetWell Noise Control

The decibel level chart listed below highlights a variety of sound sources and their corresponding levels of intensity. If you need help lowering noise levels, call us at 1-800-638-9355. NetWell Noise Control has built a satisfied network of more than 10,000 satisfied clients spanning a 20 year track record in the sound proofing business. Put us to the test!

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## Decibel Level Comparison Chart

Commercial	Industrial	Residential	dB Level
Threshold For Hearing			0
Good Recording Studio		Breathing	10
		Rustling Leaves	15
		Whisper, Mosquito	20
Library		Living / Dining Room	30
Refrigerator Hum		Kitchen / Bathroom	40
Quiet Office	Power Lawn Mower	Home Office	50
		Birds at 10'	55
Conversational Speech			60
Piano Practice		Electric Shaver	60
Business Office		Piano Practice	65
Noisy Restaurant	Inplant Office	Street Traffic	70
Chamber Music		Barking Dog	75
Classroom		Alarm Clock	75
		Television / Dishwasher	75
Airplane at 1 mile	Manual Machines	Vacuum Cleaner	80

## (Continued) DESIGN AND CONSTRUCTION

If the proposed site is near high noise sources—a business district, a highway, an expressway, railway traffic or an airport—both daytime and nighttime outdoor noise levels should be surveyed. Where the average nighttime background noise level is unusually high or if there are infrequent but intermittent unusually loud or annoying noises, expert acoustical advice should be sought.

**Automobile Traffic** Typical outdoor noise levels for automobile traffic are shown in Figure WF9.

FIG. WF9 APPROXIMATE SOUND LEVELS FOR AUTOMOBILE TRAFFIC AT GROUND LEVEL

Cars Per Minute*	Distance From Traffic Lane		
	40'	100'	500'
1	50 dB	43 dB	29 dB
10	59 dB	52 dB	38 dB
100	63 dB	60 dB	47 dB

\*The maximum capacity of one lane of cars moving freely at approximately 30 mph is 2000 cars per hour or 34 cars per lane per minute.

High-speed highways and dense city traffic generally produce higher noise levels than moderate-speed suburban roads carrying an equivalent number of cars.

Unless a highway is already saturated with traffic, a future increase in traffic generally should be expected with resultant increase in noise.

**Aircraft Traffic** Typical noise levels for jet aircraft during takeoff and for revving engines on the ground are given in the Main Text, page 106-20, Fig. 47.

The noise from revving engines on the ground and fly-over noise can be minimized by: (1) techniques for quieting engines; (2) reducing noise exposure by takeoff and landing procedures; and (3) zoning regulations to control land use around airports.

Windows offer the least resistance to noise transmission of all exterior wall and roof surfaces. Aircraft noise reduction through various exterior wall and roof construction assemblies are summarized in Figure WF10.

#### Site Planning

Site planning to reduce problems caused by exterior noise should include: (1) separating the noise source from the buildings by distance; (2) siting the buildings

FIG. WF10 SUMMARY OF NOISE REDUCTION THROUGH EXTERIOR CONSTRUCTION

Typical Constructions	Difference Between Outside and Inside Noise Levels (PndB)				
	0	10	20	30	40
<b>WINDOWS</b>					
1/8" glass in double hung wood frame					
1/4" plate glass, sealed in place					
Aluminum frame window, glass panels set in neoprene gaskets, 1/4" and 3/32" panes, 3 3/4" air space.					
<b>EXTERIOR WALLS</b>					
Wood sheathing (or stucco), 2" x 4" studs, 1/2" plaster board interior surface					
Wood sheathing (or stucco), 2" x 4" studs, 7/8" plaster interior surface					
4 1/2" brick or 6" to 8" lightweight concrete block					
9" Brick Wall					
<b>ROOFS</b>					
Builtup roofing on 1" wood decking, 1/2" gypsum board on 2" x 8" joists					
Builtup Roofing on 1" wood decking, 7/8" plaster on 2" x 8" joists					
Builtup roofing or shingles on wood siding, ventilated attic space, 1/2" gypsum board ceiling					
Builtup roofing or shingles on wood sheathing, ventilated attic space, 7/8" plaster ceiling					

to minimize the effect of direct sound transmission, reflection or reverberation from existing or proposed future buildings; and (3) using natural topography, other buildings, barrier walls and in some cases landscaping to shield buildings from noise sources.

**Building Location** Residential buildings should be located as far as possible from noise sources. To

## (Continued) SOUND ISOLATION

down 5 dB for the test curve to conform, the INR is +5, indicating the construction is 5 dB better than the standard; if the standard curve must be moved up 5 dB, the construction is given a -5 INR, indicating 5 dB poorer than the standard. The standard criterion curve is based on average background noise typical of apartments in moderately quiet suburban neighborhoods. Quieter or noisier areas may require higher or lower INR ratings, respectively.

**Impact Insulation Class (IIC)** The Impact Insulation Class (IIC) is a single number rating system devised by the Federal Housing Administration for rating impact sound isolation. The IIC results in a positive rating which more closely parallels the STC rating system for airborne sound transmission.

Using the same test procedure\* as is used for the INR system, the ISPL test curve for a construction is plotted and is compared to a reference contour (Fig. WF7). The reference contour is moved vertically until the following allowable tolerances exist: (1) a single unfavorable deviation (where an ISPL value lies above the contour) may not exceed 8 dB; and (2) the sum of the unfavorable deviations may not be greater than 32 dB. The IIC rating is the value read on the right-hand scale corresponding to the ISPL value at 500 Hz (Fig. WF7).

On the average, an IIC rating for a given construction is approximately 51 dB higher than the INR rating. For example, an INR rating of +4 would be comparable to an IIC rating of approximately 55. However, exact values for IIC ratings should be determined on the basis of individual test data.

## DESIGN AND CONSTRUCTION

The following recommendations deal with (1) criteria and planning principles to aid in the design and selection of wall, floor/ceiling, mechanical equipment and other systems and materials to control noise within buildings; (2) construction recommendations, including precautions essential to obtaining and maintaining suitable sound isolation between rooms and between living units; and (3) selection criteria for obtaining suitable sound isolation.

**DESIGN AND PLANNING**

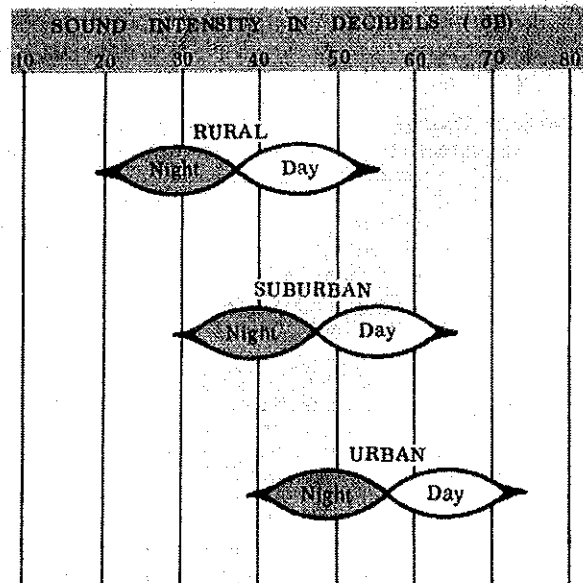
The objectives in planning for sound control should be: (1) to quiet the noise at its source; (2) to separate the noise source from the listener by distance; and (3) to buffer the transmission of noise by using walls, floor/ceilings and other barriers having suitable resistance to sound transmission.

**Background Noise Sources and Levels**

Noise characteristics of the site, including the source and intensity of the sound, should be studied to determine existing and potential noise levels (Fig. WF8).

Future development of nearby vacant land should be anticipated and the type and level of probable or possible noise should be investigated.

FIG. WF8 TYPICAL OUTDOOR BACKGROUND NOISE LEVELS





# STCratings.com



## STC RATINGS FOR VARIOUS WALL ASSEMBLIES

Below are the STC ratings of various wall assemblies, each presented to help illustrate concepts, improvements and rules of thumb. The estimated ratings are based on laboratory test results from various compendiums of STC ratings. It is recommended to consult a professional acoustician for more detailed information or to analyze the specifics of your project/assembly.

To view different wall assemblies, click on each point below that may apply to your project.


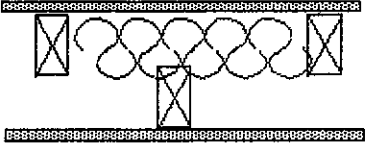
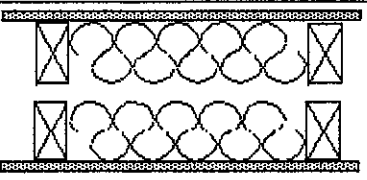
1. Insulation will noticeably improve the STC rating of an assembly.
2. Staggered or double stud walls are higher rated than single stud walls.
3. Metal stud walls perform better than wood stud walls.
4. Resilient channel can improve the STC rating of an assembly.
5. Adding additional layers of drywall can improve the STC rating of an assembly.
6. Drywall between double studs can dramatically reduce the STC rating of an assembly.

### 1. Insulation will noticeably improve the STC rating of an assembly.

Description	Estimated STC Rating	Wall Assembly
3 5/8" metal studs, 5/8" gyp (2 layers total), No insulation	38 - 40	
3 5/8" metal studs, 5/8" gyp (2 layers total), Batt insulation	43 - 44	

[back to top](#)

### 2. Staggered or double stud walls are higher rated than single stud walls.

Description	Estimated STC Rating	Wall Assembly
2x4 stud, 5/8" gyp (2 layers total), Batt insulation	34 - 39	
Staggered studs, 5/8" gyp (2 layers total), Batt insulation	46 - 47	
2x4 studs, 5/8" gyp (2 layers total), Batt insulation	56 - 59	

[back to top](#)

Premium	SPD Narrow Stile	OX	3.2 mm - 3.2 mm	3/4"	Int	28	24
Premium	SPD Narrow Stile	OX	4 mm - 4 mm	3/4"	Int	30	25
Premium	SPD Narrow Stile - Sound Master	OX	6.4 L mm - 4 mm	3/4"	Int	34	28
Premium	SPD Wide Stile	OX	3.2 mm - 3.2 mm	3/4"	Int	27	23
JELD-WEN Builders Vinyl Windows and Patio Doors							
	Type	Config	Glazing Pane 2	Pane 1 - Over All IG Width	Spacer	STC	OITC
Builders Vinyl	HS	XO	2.4 mm - 2.4 mm	3/4"	Int.	26	22
Builders Vinyl	HS	XO	3.2 mm - 3.2 mm	3/4"	Int.	28	23
Builders Vinyl	HS	XO	4.8 mm - 3.2 mm	3/4"	Int.	30	27
Builders Vinyl	HS	XO	4.8 mm - 4.8 mm	3/4"	Int.	29	25
Builders Vinyl	HS	XO	3.2 mm - 6.4 L mm	3/4"	Int.	31	28
Builders Vinyl	HS	XOX	3.2 mm - 3.2 mm	3/4"	Int.	26	23
Builders Vinyl	HS	XOX	4.8 mm - 3.2 mm	3/4"	Int.	28	26
Builders Vinyl	Pic	O	2.4 mm - 2.4 mm	3/4"	Int.	25	22
Builders Vinyl	Pic	O	3.2 mm - 3.2 mm	3/4"	Int.	28	23
Builders Vinyl	Pic	O	4.8 mm - 3.2 mm	3/4"	Int.	32	27
Builders Vinyl	Pic	O	4.8 mm - 4.8 mm	3/4"	Int.	30	26
Builders Vinyl	Pic	O	4.8 mm - 6.4 L mm	3/4"	Int.	35	29
Builders Vinyl	Pic	O	3.2 mm - 6.4 L mm	3/4"	Int.	34	28
Builders Vinyl	SH	XO	2.4 mm - 2.4 mm	3/4"	Int.	27	22
Builders Vinyl	SH	XO	3.2 mm - 3.2 mm	3/4"	Int.	28	24
Builders Vinyl	SH	XO	4.8 mm - 3.2 mm	3/4"	Int.	31	27
Builders Vinyl	SH	XO	4.8 mm - 4.8 mm	3/4"	Int.	29	25
Builders Vinyl	SH	XO	3.2 mm - 6.4 L mm	3/4"	Int.	32	28
Builders Vinyl	Tilt - SH	XO	2.4 mm - 2.4 mm	3/4"	Int	27	22
Builders Vinyl	Tilt - SH	XO	3.2 mm - 3.2 mm	3/4"	Int	27	24
Builders Vinyl	Tilt - SH	XO	4.8 mm - 3.2 mm	3/4"	Int	30	26
Builders Vinyl	Tilt - SH	XO	4.8 mm - 4.8 mm	3/4"	Int	29	24
Builders Vinyl	Tilt - SH	XO	3.2 mm - 6.4 L mm	3/4"	Int	33	29
Builders Vinyl	DH-PW	XO	2.4 mm - 2.4 mm	3/4"	Int.	26	22
Builders Vinyl	DH-PW	XO	3.2 mm - 3.2 mm	3/4"	Int.	28	23
Builders Vinyl	DH-PW	XO	4.8 mm - 3.2 mm	3/4"	Int.	31	26
Builders Vinyl	DH-PW	XO	4.8 mm - 4.8 mm	3/4"	Int.	29	25
Builders Vinyl	DH-PW	XO	3.2 mm - 6.4 L mm	3/4"	Int.	34	28
Builders Vinyl	DH	XO	2.4 mm - 2.4 mm	3/4"	Int.	27	22
Builders Vinyl	DH	XO	3.2 mm - 3.2 mm	3/4"	Int.	29	24
Builders Vinyl	DH	XO	4.8 mm - 3.2 mm	3/4"	Int.	32	26
Builders Vinyl	DH	XO	4.8 mm - 4.8 mm	3/4"	Int.	30	26
Builders Vinyl	DH	XO	3.2 mm - 6.4 L mm	3/4"	Int.	34	29

\*

## MATERIAL SAFETY DATA SHEET

N/A= Not Applicable

Prepared by: Regulatory Affairs Dept.

(Prepared According to 29 CFR 1910.1200)

Effective Date: 8/09 Revision: N/A

## SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Manufacturer's Name:  
ProVetLogic Professional  
Manufacturer's Address:  
1048 Stinson Drive Reading, PA 19605  
Manufacturer's Phone #: 800-869-4789

Product Name: Floor Cleaner & Deodorizer  
Generic Name: Hard Surface Cleaner  
Chemical Family: Bacterial Spore/Detergent Blend  
Formula: Proprietary

Supplier's Name:  
Supplier's Address:  
Supplier's Phone #:

## SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Bacterial Spores (genus <i>Bacillus</i> )	N/A	0 to 5			
Nonionic Surfactant	9016-45-9	0 to 5			
Tetrasodium EDTA	64-02-8	0 to 5			
Odor Neutralizer	Proprietary	0 to 5			
Perfume Oil	N/A	0 to 5			
Dye	N/A	0 to 5			

## SECTION 3-PHYSICAL DATA

Boiling Point (°F): 212 F.  
Vapor Pressure: 20mm Hg @ 68 F.  
% Volatile: 95+  
Solubility in Water: Complete  
Physical Description: Thin slightly hazy green liquid with fresh linen odor.

Specific Gravity: 1.052  
Vapor Density (Air=1): >1  
pH: 9.0-9.5  
Evaporation Rate (Water=1): <1

## SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/A  
Upper Explosion Limit: N/A  
Extinguishing Media: N/A  
Special Firefighting Procedures: Non Flammable  
Unusual Fire and Explosion Hazards: N/A

## SECTION 5-REACTIVITY DATA

Stability: Stable  
Hazardous Decomposition Products: Will not occur.

Hazardous Polymerization: None  
Incompatibility (Materials to Avoid): None

## SECTION 6-STORAGE AND HANDLING INFORMATION

CAUTION: Eye irritant. May cause skin irritation with prolonged or repeated contact. Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Wash hands thoroughly after use. Avoid contact with open wounds/sores.

## SECTION 7-HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:

Skin: Slight irritant. Prolonged or repeated contact may cause dermatitis. May infect open wounds.

Eyes: Eye irritant. Liquid and mists may infect the eyes.

Inhalation: N/A

Ingestion: May be irritating to the mouth, throat, and gastrointestinal system.

Vomiting and diarrhea expected from large doses.

First Aid Procedures:

Skin: Remove contaminated clothing. Flush affected areas with large quantities of water followed by washing with mild soap. Seek medical attention if irritation persists.

Eyes: Flush with large quantities of water. Seek medical attention.

Inhalation: N/A

Ingestion: Give large quantities of water. Seek medical attention immediately.

## SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: No special requirements.

Ventilation Requirements: General ventilation is adequate.

Protective Gloves: Waterproof recommended.

Eye Protection: Safety glasses when pouring concentrate.

Other Protective Equipment: N/A. Wash hands thoroughly after each use.

## SECTION 9-SPILL OR LEAK PROCEDURES

Steps to be taken in Case Material is Released or Spilled: Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to open waterways.

Waste Disposal Method: Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

## SECTION 10-REGULATORY INFORMATION

SARA Title III - Section 311/312 - Hazard Categories:

No - Fire Hazard

No - Sudden Release of Pressure Hazard

No - Reactivity Hazard

No - Immediate (acute) Health Hazard

No - Delayed (chronic) Health Hazard

Shipping Information:

FOR CONTAINERS > 1 Gallon : Cleaning Compound

FOR 1 GALLON CONTAINERS : Cleaning Compound

FOR CONTAINERS < 1 GALLON : Cleaning Compound

HMIS Hazardous Materials  
Identification System

Health	1
Flammability	0
Reactivity	0
Personal Protection	B

FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION: CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS#	Chemical Name	Percent by Weight
	None	

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
	None	

## SECTION 11-OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product

Material Safety Data Sheet  
May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be  
Consulted for specific requirements.

**U.S. Department of Labor**  
Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

<b>IDENTITY</b> ( <i>As Used on Label and List</i> ) Nature's Miracles Stain & Odor	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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#### Section I

<b>Manufacturer's Name</b> Eight In One Pet Products	<b>Emergency Telephone Number</b> (631)232-1200 800-342-3449
<b>Address (Number, Street, City, State, and ZIP Code)</b> 1377 MOTOR PARKWAY, SUITE 100 ISLANDIA, NY 11749	<b>Telephone Number for Information</b> (631) 232-1200
	<b>Date Prepared</b> 10/13/03
	<b>Signature of Preparer (optional)</b> Carol Zamojcin

#### Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Isopropyl Alcohol	400 PPM	400 PPM		6.5%


#### Section III - Physical/Chemical Characteristics

<b>Boiling Point</b>	Not determined	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	0.99
<b>Vapor Pressure (mm Hg.) 20°C</b>	Not determined	<b>Melting Point</b>	N/A
<b>Vapor Density (AIR = 1)</b>	Not determined	<b>Evaporation Rate (Butyl Acetate = 1)</b>	Not determined
<b>Solubility in Water:</b> Soluble			
<b>Appearance and Odor:</b> clear, colorless to pale yellow liquid with citrus odor			

#### Section IV - Fire and Explosion Hazard Data

<b>Flash Point (Method Used)</b> Closed Cup 109°F	<b>Flammable Limits*</b> Not Determined. Product contains more than 90% water by mass and is therefore exempt under CFR49 173.120.	<b>LEL</b>	<b>UEL</b>
<b>Extinguishing Media:</b> Water, Dry Chemical Carbon Dioxide, or Foam			
<b>Special Fire Fighting Procedures:</b> None			
<b>Unusual Fire and Explosion Hazards:</b> None			

**Section V - Reactivity Data**

Stability	Stable	Conditions to Avoid: None
<b>Incompatibility (Materials to Avoid)</b> Caustics, Amines Alkanolamine, Strong oxidizing agents & Chlorinated Compounds		
<b>Hazardous Decomposition or Byproducts</b>		
Hazardous Polymerization	Will Not Occur	Conditions to Avoid None

**Section VI - Health Hazard Data**

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
<b>Health Hazards (Acute and Chronic)</b> Severe over exposure may cause liver & Kidney damage			
Carcinogenicity: N/A	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
<b>Signs and Symptoms of Exposure:</b> May Cause Irritation			
<b>Medical Conditions:</b> <b>Generally Aggravated by Exposure:</b> None Known			
<b>Emergency and First Aid Procedures:</b> Ingestion: Do not induce vomiting. Keep victim at rest get immediate medical attention. Inhalation: remove victim to fresh air give artificial respiration if victim not breathing get medical attention Skin: Flush with water 15 min get medical attention if irritation persists Eyes: Flush with water 15 min get medical attention if irritation persists.			

**Section VII - Precautions for Safe Handling and Use**

<b>Steps to Be Taken in Case Material is Released or Spilled:</b> Place in appropriate containers for disposal. Wash clothing before reuse.
<b>Waste Disposal Method</b> As per State Federal & Local regulation.
<b>Precautions to Be taken in Handling and Storing:</b> Avoid exposure to light and heat
<b>Other Precautions:</b> None

**Section VIII - Control Measures**

<b>Respiratory Protection (Specify Type) -</b>		
Ventilation	Local Exhaust	Special
	Mechanical (General)	Other

<b>Protective Gloves</b> - Rubber or nitrile gloves	<b>Eye Protection:</b> Safety Goggles
<b>Other Protective Clothing or Equipment:</b> Appropriate clothing to avoid skin contact	
<b>Work/Hygienic Practices</b> Follow /CGMP	



The Clorox Company  
1221 Broadway  
Oakland, CA 94612  
Tel. (510) 271-7000

## Material Safety Data Sheet

<b>I Product:</b> GREEN WORKS™ NATURAL GLASS AND SURFACE CLEANER											
<b>Description:</b> LIQUID WITH LEMON ODOR											
<b>Other Designations</b>	<b>Distributor</b>	<b>Emergency Telephone Nos.</b>									
	Clorox Sales Company 1221 Broadway Oakland, CA 94612	For Medical Emergencies call: 1-800-446-1014 For Transportation Emergencies, call Chemtrec: 1-800-424-9300									
<b>II Health Hazard Data</b>		<b>III Hazardous Ingredients</b>									
<p>Eye contact may result in temporary conjunctival redness. No medical conditions are known to be aggravated by exposure to this product.</p> <p><b>FIRST AID:</b></p> <p><b>EYE CONTACT:</b> Flush eyes with plenty of water for 15 minutes. If irritation persists, call a doctor.</p> <p><b>SKIN CONTACT:</b> Wash skin with water.</p> <p><b>INGESTION:</b> Drink a glassful of water, do not induce vomiting. Call a doctor or poison control center.</p> <p><b>INHALATION:</b> Remove to fresh air. If breathing problems develop, call a doctor.</p>		<table border="1"><thead><tr><th>Ingredient</th><th>Concentration</th><th>Worker Exposure Limit</th></tr></thead><tbody><tr><td>Ethyl alcohol CAS # 64-17-5</td><td>1-3%</td><td>1000 ppm - TLV-TWA 1000 ppm - PEL</td></tr><tr><td>Alkyl polyglucoside CAS # 68515-73-1</td><td>0.5-1.5%</td><td>not established</td></tr></tbody></table> <p>TLV-TWA = ACGIH Threshold Limit Value - Time Weighted Average PEL = OSHA Permissible Exposure Limit - Time Weighted Average</p> <p>None of the materials in this product are on the IARC, OSHA, or NTP carcinogen lists.</p>	Ingredient	Concentration	Worker Exposure Limit	Ethyl alcohol CAS # 64-17-5	1-3%	1000 ppm - TLV-TWA 1000 ppm - PEL	Alkyl polyglucoside CAS # 68515-73-1	0.5-1.5%	not established
Ingredient	Concentration	Worker Exposure Limit									
Ethyl alcohol CAS # 64-17-5	1-3%	1000 ppm - TLV-TWA 1000 ppm - PEL									
Alkyl polyglucoside CAS # 68515-73-1	0.5-1.5%	not established									
<b>IV Special Protection and Precautions</b>		<b>V Transportation and Regulatory Data</b>									
<p><b>Hygienic Practices:</b> Wash hands after direct contact. Do not wear product-contaminated clothing for prolonged periods.</p> <p><b>Engineering Controls:</b> Use local exhaust to minimize exposure to product mist.</p> <p><b>Personal Protective Equipment:</b> Wear safety glasses. Wear rubber or neoprene gloves if there is the potential for repeated or prolonged skin contact. In situations where exposure limits may be exceeded, a NIOSH-approved respirator is advised.</p>		<p><b>DOT/IATA/IMDG:</b> Not restricted.</p> <p><b>EPA - SARA Title III/CERCLA:</b> This product is regulated under Sections 311/312. This product contains no chemicals which are regulated under Section 313 or regulated under Section 304/CERCLA.</p>									
<b>VI Spill Procedures/Waste Disposal</b>		<b>VII Reactivity Data</b>									
<p><b>Spill Procedures:</b> Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.</p> <p><b>Waste Disposal:</b> Dispose of in accordance with all applicable federal, state, and local regulations.</p>		<p>Stable under normal use and storage conditions.</p>									
<b>VIII Fire and Explosion Data</b>		<b>IX Physical Data</b>									
<p><b>Flash Point:</b> &gt;200°C (closed cup)</p> <p><b>Fire Extinguishing Agents:</b> Dry chemical, carbon dioxide (CO<sub>2</sub>), foam, or water spray.</p>		<p>pH..... 10-11</p> <p>Specific gravity ..... 1.0</p> <p>Solubility in water ..... Soluble</p>									

# Material Safety Data Sheet

Date prepared: November 8, 2001

Date revised: N/A (first edition)

## 1. Identification of the Substance/Preparation and the Company

### **Bark2Basics**

Substance or preparation trade name: **Anti-Stat™ Scissoring Spray and Detangler**

Unique reference numbers(s):

Company name & address:

Senproco, Inc.

1501 N Industrial Ave.

Sioux Falls, SD 57104

Telephone:

(800) 748-1777

Emergency telephone number:

Chemtrec: (800) 424-9300

Other: (605) 334-3886

## 2. Composition

Substance: Proprietary mixture - pet grooming product

Active ingredient: None

CAS Number: None

Classification: Non-hazardous

## 3. Hazards Identification

Most important hazards: Possible eye irritant.

Specific hazards: None

## 4. First aid measures

Skin contact: Rinse skin immediately with warm water.

Eye contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.

Ingestion: Call a poison control center or a doctor immediately for treatment advice. Do not induce vomiting unless told to do so by poison control center or doctor. Do not give anything by mouth to an unconscious person.

## 5. Fire fighting measures

Suitable extinguishing media: N/A.

Unsuitable extinguishing media: N/A

Special hazards in fire: No special fire hazards. Non-flammable liquid. Will not burn or support combustion.

## 6. Accidental spill measures

Personal precautions: None special.

Environmental precautions: If spilled, mop up immediately to avoid slip hazard. Absorb large spills with sand or clay absorbent material to prevent runoff into storm drain or onto grassy areas.

Methods for cleaning: Wash with water.

## 7. Handling and storage

Handling: Handle with care to avoid puncturing plastic containers. Keep tightly closed when not in use.

Storage: Store indoors at temperatures below 140°F.

# Material Safety Data Sheet

Date prepared: November 8, 2001

Date revised: N/A (first edition)

## 8. Exposure Controls

Engineering measures:	Mechanical or local exhaust is acceptable.
Personal protection equipment:	None special.
Eye protection:	Wear safety or prescription glasses to prevent splashing in eyes when using.
Hand protection:	None special.
Hygiene measures:	Wash hands after using.

## 9. Physical and chemical properties

Appearance:	Cloudy, thin, colorless liquid
Odor:	fragrant
pH:	5.5
Boiling point:	above 212°F
Melting point:	N/A
Flashpoint:	Above 200°F
Explosive properties:	None
% Volatile:	97% (water)
Vapor pressure:	not known
Specific Gravity:	1.0
Solubility:	Readily disperses in water in all proportions

## 10. Stability and reactivity

Conditions to avoid:	Excessive heat.
Materials to avoid:	None.
Hazardous decomposition products:	Burning generates CO, CO <sub>2</sub> and smoke.

## 11. Toxicological information

Acute toxicity:	Not done.
Local effects:	Excessive exposure may affect human health as follows:
Skin contact:	Not expected to be a skin irritant.
Eye contact:	May cause slight irritation.
Inhalation/ingestion:	Ingestion may cause gastric irritation resulting in nausea, cramps and vomiting

## 12. Ecological information and Environmental Hazards

It is expected to be rapidly and completely biodegraded by soil and aquatic organisms.

## 13. Disposal Considerations

Do not contaminate water, food or feed by disposal. Do not discharge this product directly into lakes, streams, ponds, estuaries, oceans or other waters. Rinse small spills down the drain. Absorb large spills with absorbent material and place with rubbish. Offer container for recycling or puncture and dispose in sanitary landfill, or by other approved state and local procedures.



# Material Safety Data Sheet

Date prepared: November 8, 2001

Date revised: N/A (first edition)

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## 14. Transport information

Classification data: None. Non-hazardous.

## 15. Regulatory information

Ratings:

NFPA: Health -0, Flammability - 0, Reactivity - 0

HMIS: Health -0, Flammability - 0, Reactivity - 0.

## 16. Other Information

This is a proprietary pet product for use by professional groomers. Employer should consider the health hazards and safety information contained herein as a guide in employer's hazard communication training program (HAZCOM). This requires employers to instruct employees on the hazards to be expected from using chemical products in the workplace. Employees are required to follow company hazardous material (HAZMAT) policy to ensure personal, customer and environmental safety. While this MSDS is based on technical data from secondary sources deemed to be reliable, Senproco, Inc. assumes no liability for the completeness or accuracy of the information contained herein.

# Material Safety Data Sheet

Date prepared: November 8, 2001

Date revised: N/A (first edition)

## 1. Identification of the Substance/Preparation and the Company

**Coat Handler**  
Substance or preparation trade name: Coat Conditioner Concentrate  
Unique reference numbers(s):  
Company name & address: Senproco, Inc.  
1501 N Industrial Ave.  
Sioux Falls, SD 57104  
(800) 748-1777  
Telephone: Chemtrec: (800) 424-9300  
Emergency telephone number: Other: (605) 334-3886

## 2. Composition

Substance: Proprietary mixture - pet grooming product  
Active ingredient: None  
CAS Number: None  
Classification: Non-hazardous

## 3. Hazards Identification

Most important hazards: Possible eye irritant.  
Specific hazards: None

## 4. First aid measures

Skin contact: Rinse skin immediately with warm water.  
Eye contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.  
Ingestion: Call a poison control center or a doctor immediately for treatment advice. Do not induce vomiting unless told to do so by poison control center or doctor. Do not give anything by mouth to an unconscious person.

## 5. Fire fighting measures

Suitable extinguishing media: N/A.  
Unsuitable extinguishing media: N/A  
Special hazards in fire: No special fire hazards. Non-flammable liquid. Will not burn or support combustion.

## 6. Accidental spill measures

Personal precautions: None special.  
Environmental precautions: If spilled, mop up immediately to avoid slip hazard. Absorb large spills with sand or clay absorbent material to prevent runoff into storm drain or onto grassy areas.  
Methods for cleaning: Wash with water.

## 7. Handling and storage

Handling: Handle with care to avoid puncturing plastic containers. Keep tightly closed when not in use.  
Storage: Store indoors at temperatures below 140°F.

# Material Safety Data Sheet

Date prepared: November 8, 2001

Date revised: N/A (first edition)

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## 8. Exposure Controls

Engineering measures:	Mechanical or local exhaust is acceptable.
Personal protection equipment:	None special.
Eye protection:	Wear safety or prescription glasses to prevent splashing in eyes when using.
Hand protection:	None special.
Hygiene measures:	Wash hands after using.

## 9. Physical and chemical properties

Appearance:	Translucent, thick, light blue liquid
Odor:	fragrant
pH:	5.5
Boiling point:	above 212°F
Melting point:	N/A
Flashpoint:	Above 200°F
Explosive properties:	None
% Volatile:	72% (water)
Vapor pressure:	not known
Specific Gravity:	1.0
Solubility:	Soluble in water in all proportions

## 10. Stability and reactivity

Conditions to avoid:	Excessive heat.
Materials to avoid:	None.
Hazardous decomposition products:	Burning generates CO, CO <sub>2</sub> and smoke.

## 11. Toxicological information

Acute toxicity:	Not done.
Local effects:	Excessive exposure may affect human health as follows:
Skin contact:	Prolonged or repeated contact may cause temporary skin irritation or contact dermatitis in individuals due to removal of natural skin oils.
Eye contact:	May cause irritation.
Inhalation/ingestion:	Ingestion may cause gastric irritation resulting in nausea, cramps and vomiting

## 12. Ecological information and Environmental Hazards

It is expected to be rapidly and completely biodegraded by soil and aquatic organisms.

## 13. Disposal Considerations

Do not contaminate water, food or feed by disposal. Do not discharge this product directly into lakes, streams, ponds, estuaries, oceans or other waters. Rinse small spills down the drain. Absorb large spills with absorbent material and place with rubbish. Offer container for recycling or puncture and dispose in sanitary landfill, or by other approved state and local procedures.

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# M A T E R I A L   S A F E T Y   D A T A   S H E E T

Generated 03/03/2010, Revision 01/22/2009, Supersedes Revision 05/04/2007, Date Created 03/22/1999

## SECTION 1. Product and Company Identification ADAMS FLEA & TICK SHAMPOO

**Product Code:** 270-341  
**Product Name:** ADAMS FLEA & TICK SHAMPOO  
**Manufacturer Information**  
**Company Name:** Distributed by:  
 Farnam Companies, Inc.  
 301 West Osborn Road  
 Phoenix, AZ  
**Emergency Contact:** CHEMTREC (800)424-9300  
**Alternate Emergency Contact:** District of Columbia (202)483-0414  
**Information:** Farnam Companies, Inc. (800)234-2269  
**Preparer Name:** SFaith/Regulatory  
**Additional Identity Information**  
 6-oz (3006089), 12-oz (3006090), 1 gal (3006101)

## SECTION 2. Composition/Information on Ingredients ADAMS FLEA & TICK SHAMPOO

Hazardous Components (Chemical Name)	CAS #	Concentration	OSHA PEL	ACGIH TLV
Piperonyl butoxide	51-03-6	1.5 %	No data.	No data.
N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE	113-48-4	0.5 %	No data.	No data.
Pyrethrins and Pyrethroids	8003-34-7	0.15 %	No data.	No data.

## SECTION 3. Hazards Identification ADAMS FLEA & TICK SHAMPOO

### Emergency Overview

KEEP OUT OF REACH OF CHILDREN

**Route(s) of Entry:** Inhalation? Yes , Skin? Yes , Eyes? Yes , Ingestion? Yes

**Potential Health Effects (Acute and Chronic)**

No data available.

**Recommended Exposure Limits**

5 mg/m3 ACGIH TWA

**LD 50 / LC 50**

Dermal LD50 > 2000 MG/KG in rabbits

**Signs and Symptoms Of Exposure**

**SKIN CONTACT:** Irritation can occur following direct contact with this material. Symptoms such as itching, redness or swelling may be immediate or delayed.

**EYE CONTACT:** Irritation can occur following direct contact with this material. Symptoms might include redness, swelling, blurred vision, or pain.

**INHALATION:** Inhalation is not expected during normal use of product. Mist or vapor may be toxic. Symptoms after over exposure might include irritation, itching sensation, asthma-like breathing, coughing, nausea, vomiting, diarrhea, headache, dizziness, salivation, sweating or fatigue, incoordination and tremors. Depressant effects similar to those produced by alcohol may also occur following over exposure.

**INGESTION:** Ingestion is not expected during normal use of product. However, ingestion should be avoided. Symptoms after over exposure might include irritation, coughing, nausea, vomiting, diarrhea, headache, dizziness, salivation, sweating or fatigue.

**Medical Conditions Generally Aggravated By Exposure**

Asthmatics

**Additional Hazards Information****ECOLOGICAL INFORMATION**

**ACUTE AQUATIC EFFECTS:** This mixture is toxic to fish. Do not add directly to water. Do not wash animal where runoff is likely to occur.

<b>SECTION 4. First Aid Measures</b> <b>ADAMS FLEA &amp; TICK SHAMPOO</b>
--

**Emergency and First Aid Procedures**

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**Note to Physician**

Consider further flushing of eyes with large amounts of water or saline. This material contains pyrethrin insecticide. In cases of over exposure, consult a poison control center for additional information concerning poisoning. Treat symptomatically.

<b>SECTION 5. Fire Fighting Measures</b> <b>ADAMS FLEA &amp; TICK SHAMPOO</b>
--

**Flash Pt:** No data.

**Explosive Limits:** LEL: No data. UEL: No data.

**Fire Fighting Instructions**

Toxic or corrosive gases are expected in fires involving this mixture. Self-contained breathing apparatus and full protective equipment are recommended for firefighters. Move containers from fire area if possible without increased personal risk. Dike area if possible to contain water for later disposal.

**Flammable Properties and Hazards**

Product is non-flammable.

**Hazardous Combustion Products**

None known

**Extinguishing Media**

Non-Flammable

**Unsuitable Extinguishing Media**

None known

**Additional Fire Fighting Information**

FIRE CONTROL: This material is not expected to support combustion. Toxic or corrosive gases are expected during a fire or heating of this material.

<b>SECTION 6. Accidental Release Measures</b> <b>ADAMS FLEA &amp; TICK SHAMPOO</b>
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**Steps To Be Taken In Case Material Is Released Or Spilled**

No special procedures required for small spills. For large spills, isolate the spill area, restrict access and post the area for hazards present (skin irritant), (eye irritant) and necessary precautions. Wear appropriate protective equipment to avoid skin contact and eye contact. Mix with sand or absorbent material and scoop or shovel into a suitable, properly labeled container for recovery or disposal.

<b>SECTION 7. Handling and Storage</b> <b>ADAMS FLEA &amp; TICK SHAMPOO</b>
--

**Hazard Label Information:**

Store away from incompatible material

**Precautions To Be Taken in Handling**

Use with adequate ventilation.

**Precautions To Be Taken in Storing**

Store in a cool, dry place away from heat and other containers of food or feed. Do not transfer to other containers.

<b>SECTION 8. Exposure Controls/Personal Protection</b> <b>ADAMS FLEA &amp; TICK SHAMPOO</b>
---

**Respiratory Equipment (Specify Type)**

Respirators are not required for the normal use of this material.

**Eye Protection**

Goggles are recommended if eye contact is possible.

**Protective Gloves**

Avoid skin contact or wear impervious gloves when handling this material.

**Other Protective Clothing**

Wear clothing with long sleeves to avoid skin contact.

**Engineering Controls (Ventilation etc.)**

No data available.

**Work/Hygienic/Maintenance Practices**

Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

**Additional Exposure Control Information**

ORAL TOXICITY: The estimated oral LD50 > 1500 mg/kg in rats.

<b>SECTION 9. Physical and Chemical Properties</b> <b>ADAMS FLEA &amp; TICK SHAMPOO</b>
--

<b>Physical States:</b>	<input type="checkbox"/> Gas	<input checked="" type="checkbox"/> Liquid	<input type="checkbox"/> Solid
<b>Melting Point:</b>	-5.00 C - 4.00 C		
<b>Boiling Point:</b>	92.00 C - 96.00 C		
<b>Autoignition Pt:</b>	No data.		
<b>Flash Pt:</b>	No data.		
<b>Explosive Limits:</b>	LEL: No data.	UEL: No data.	
<b>Specific Gravity (Water = 1):</b>	1.022 at 25.0 C		
<b>Bulk density:</b>	No data.		
<b>Vapor Pressure (vs. Air or mm Hg):</b>	N.A.		
<b>Vapor Density (vs. Air = 1):</b>	N.A.		
<b>Evaporation Rate (vs Butyl Acetate=1):</b>	1N.A.		
<b>Solubility in Water:</b>	N.A.		
<b>Solubility Notes</b>			
Components are soluble in water.			
<b>Percent Volatile:</b>	N.A.		
<b>Heat Value:</b>	No data.		
<b>Particle Size:</b>	No data.		
<b>Corrosion Rate:</b>	No data.		
<b>pH:</b>	7-7.5		
<b>Appearance and Odor</b>			
Clear blue-green liquid with a perfume odor.			

<b>SECTION 10. Stability and Reactivity</b> <b>ADAMS FLEA &amp; TICK SHAMPOO</b>
---

**Stability:** Unstable ☐ Stable ☒

**Conditions To Avoid - Instability**  
Avoid direct sunlight, conditions that might generate heat and temperatures below 0 degrees C.

**Incompatibility - Materials To Avoid**  
Strong oxidizing agents and strong alkalis.

**Hazardous Decomposition Or Byproducts**  
No data available.

**Hazardous Polymerization:** Will occur ☐ Will not occur ☒

**Conditions To Avoid - Hazardous Polymerization**  
No data available.

<b>SECTION 11. Toxicological Information</b> <b>ADAMS FLEA &amp; TICK SHAMPOO</b>
--

None known

**Chronic Toxicological Effects**

None known

**Carcinogenicity/Other Information**

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
Piperonyl butoxide	51-03-6	n.a.	n.a.	n.a.	n.a.
N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE	113-48-4	n.a.	n.a.	n.a.	n.a.
Pyrethrins and Pyrethroids	8003-34-7	n.a.	n.a.	A4	n.a.

**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

**SECTION 12. Ecological Information**  
**ADAMS FLEA & TICK SHAMPOO**

This product is toxic to aquatic organisms, including fish and invertebrates. Do not contaminate water when disposing of equipment wash-water or rinsate.

**SECTION 13. Disposal Considerations**  
**ADAMS FLEA & TICK SHAMPOO**

**Waste Disposal Method**

Do not reuse empty container. Rinse thoroughly, wrap container in several layers of newspaper, and discard in trash. Observe all local and national regulations when disposing of this mixture.

**SECTION 14. Transport Information**  
**ADAMS FLEA & TICK SHAMPOO**

**LAND TRANSPORT (US DOT)**

**DOT Proper Shipping Name** Gallon: ORM-D  
 6- or 12-oz do not require ORM-D markings

**SECTION 15. Regulatory Information**  
**ADAMS FLEA & TICK SHAMPOO**

No data available.

**SECTION 16. Other Information**  
**ADAMS FLEA & TICK SHAMPOO**

**Company Policy or Disclaimer**

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification.



# Material Safety Data Sheet

Date prepared: November 8, 2001

Date revised: N/A (first edition)

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## 1. Identification of the Substance/Preparation and the Company

**Bark2Basics**  
**Ear Cleaner**  
Substance or preparation trade name:  
Unique reference numbers(s):  
Company name & address: Senproco, Inc.  
1501 N Industrial Ave.  
Sioux Falls, SD 57104  
Telephone: (800) 748-1777  
Emergency telephone number: Chemtrec: (800) 424-9300  
Other: (605) 334-3886

## 2. Composition

Substance: Proprietary mixture - pet grooming product  
Active ingredient: None  
CAS Number: None  
Classification: Non-hazardous

## 3. Hazards Identification

Most important hazards: Possible eye irritant.  
Specific hazards: None

## 4. First aid measures

Skin contact: Rinse skin immediately with warm water.  
Eye contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.  
Ingestion: Call a poison control center or a doctor immediately for treatment advice. Do not induce vomiting unless told to do so by poison control center or doctor. Do not give anything by mouth to an unconscious person.

## 5. Fire fighting measures

Suitable extinguishing media: N/A.  
Unsuitable extinguishing media: N/A  
Special hazards in fire: No special fire hazards. Non-flammable liquid.  
Will not burn or support combustion.

## 6. Accidental spill measures

Personal precautions: None special.  
Environmental precautions: If spilled, mop up immediately to avoid slip hazard. Absorb large spills with sand or clay absorbent material to prevent runoff into storm drain or onto grassy areas.  
Methods for cleaning: Wash with water.

# Material Safety Data Sheet

Date prepared: November 8, 2001

Date revised: N/A (first edition)

## 7. Handling and storage

Handling: Handle with care to avoid puncturing plastic containers.  
Keep tightly closed when not in use.  
Storage: Store indoors at temperatures below 140°F.

## 8. Exposure Controls

Engineering measures: Mechanical or local exhaust is acceptable.  
Personal protection equipment: None special.  
Eye protection: Wear safety or prescription glasses to prevent  
splashing in eyes when using.  
Hand protection: None special.  
Hygiene measures: Wash hands after using.

## 9. Physical and chemical properties

Appearance: Clear thin  
Odor: Medicinal Scent  
pH: 6.5-7.0  
Boiling point: above 212°F  
Melting point: N/A  
Flashpoint: Above 200°F  
Explosive properties: None  
% Volatile: 83 % (water)  
Vapor pressure: not known  
Specific Gravity: 1.0  
Solubility: Soluble in water in all proportions

## 10. Stability and reactivity

Conditions to avoid: Excessive heat.  
Materials to avoid: None.  
Hazardous decomposition products: Burning generates CO, CO<sub>2</sub> and smoke.

## 11. Toxicological information

Acute toxicity: Not done.  
Local effects: Excessive exposure may affect human health as follows:

Skin contact: Prolonged or repeated contact may cause temporary skin  
irritation or contact dermatitis in individuals due to removal  
of natural skin oils.  
Eye contact: May cause irritation.  
Inhalation/ingestion: Ingestion may cause gastric irritation resulting in nausea,  
cramps and vomiting

# Material Safety Data Sheet

Date prepared: November 8, 2001

Date revised: N/A (first edition)

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## 12. Ecological information and Environmental Hazards

It is expected to be rapidly and completely biodegraded by soil and aquatic organisms.

## 13. Disposal Considerations

Do not contaminate water, food or feed by disposal. Do not discharge this product directly into lakes, streams, ponds, estuaries, oceans or other waters. Rinse small spills down the drain. Absorb large spills with absorbent material and place with rubbish. Offer container for recycling or puncture and dispose in sanitary landfill, or by other approved state and local procedures.

## 14. Transport information

Classification data:       None. Non-hazardous.

## 15. Regulatory information


Ratings:

NFPA: Health -0, Flammability - 0, Reactivity - 0

HMIS: Health -0, Flammability - 0, Reactivity - 0.

## 16. Other Information

This is a proprietary pet product for use by professional groomers. Employer should consider the health hazards and safety information contained herein as a guide in employer's hazard communication training program (HAZCOM). This requires employers to instruct employees on the hazards to be expected from using chemical products in the workplace. Employees are required to follow company hazardous material (HAZMAT) policy to ensure personal, customer and environmental safety. While this MSDS is based on technical data from secondary sources deemed to be reliable, Senproco, Inc. assumes no liability for the completeness or accuracy of the information contained herein.




U.S. Department of Health & Human Services

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**Product Information****Product Name:** Arm & Hammer Laundry Detergent-Old Product**Form:** powder

**Product Category:** Inside the Home » Cleaner » laundry  
 Inside the Home » Detergent » laundry  
 Inside the Home » Laundry » detergent/soap

**Customer Service:** 800-524-1328**Date Entered:** 1996-08-21**Related Items:** [Products with similar usage in this database](#)**Manufacturer****Manufacturer:** Church & Dwight Co., Inc.**Address:** 469 N. Harrison Street**City:** Princeton**State:** NJ**Zip Code:** 08540**Telephone Number:** 609-683-5900**Fax Number:** 609-683-5092**Toll Free Number:** 800-524-1328**Date Info Verified:** 2008-01-09**Related Items:** [Products by this manufacturer](#)

The following information (**Health Effects, Handling/Disposal, and Ingredients**) is taken from the product label and/or the Material Safety Data Sheet (MSDS) prepared by the manufacturer. The National Library of Medicine does not test products nor does it evaluate information from the product label or the MSDS. ([What is an MSDS?](#))

**Health Effects**

Enter text or highlight term...

**Acute Health Effects:** From MSDS:

Inhalation: Breathing dusts can cause severe irritation, delayed pulmonary edema, and nasal septum deviation.

Skin Contact: Not a primary skin irritant; various severities of irritation are possible on prolonged, repeated or occluded contact.

Eye Contact: Severe irritant; burns and potential injury upon prolonged contact.

Ingestion: Slightly toxic; ingestion can cause severe pain, diarrhea, and corrosive damage to the GI tract.

**Chronic Health Effects:** From MSDS:

MSDS provides no information about chronic health effects resulting from prolonged or frequent use of this product. (For a further discussion of potential health effects of the chemical ingredients listed on the label or mentioned as hazardous

**Carcinogenicity:** Product contains no listed carcinogens.**Health Rating:** 2**Flammability Rating:** 0**Reactivity Rating:** 0

**HMIS Rating Scale:** 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe;  
 N = No information provided by manufacturer; \* = Chronic Health Hazard

**MSDS Date:** 1993-11-23**Handling/Disposal**

**Handling:** Keep out of reach of children. Product is an irritant, avoid contact with the eyes and skin. Wear protective gloves (rubber, neoprene) for prolonged direct contact. May be harmful if swallowed. Store in a dry location to avoid dispensing problems.

**Disposal:** Small (household) quantities may be disposed of in refuse or in sewer. If sewer is used, flush small amounts of product with a large volume of water. Larger quantities may be disposed of in municipal landfill where allowed by law.

**Ingredients from MSDS/Label**

Chemical	CAS No / Unique ID	Percent
<u>Fragrance(s)/perfume(s)</u>	000000-00-1	0.5
<u>Surfactant(s) (unspecified)</u>	000000-00-4	
<u>Deodorizers (unspecified)</u>	000000-28-3	
<u>Water softener(s)</u>	999999-56-1	
<u>Fabric/Fiber protection agent</u>	999999-59-9	
<u>Soil suspending agent(s)</u>	999999-62-3	

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Customer Service: [tehip@tehl.nlm.nih.gov](mailto:tehip@tehl.nlm.nih.gov)  
Last updated: June, 2010

# Material Safety Data Sheet

Date prepared: November 8, 2001

Date revised: N/A (first edition)

## 1. Identification of the Substance/Preparation and the Company

### **Bark2Basics**

Substance or preparation trade name: **Econo Bath Shampoo**  
Unique reference numbers(s):  
Company name & address: Senproco, Inc.  
1501 N Industrial Ave.  
Sioux Falls, SD 57104  
Telephone: (800) 748-1777  
Emergency telephone number: Chemtrec: (800) 424-9300  
Other: (605) 334-3886

## 2. Composition

Substance: Proprietary mixture - pet grooming product  
Active ingredient: None  
CAS Number: None  
Classification: Non-hazardous

## 3. Hazards Identification

Most important hazards: Possible eye irritant.  
Specific hazards: None

## 4. First aid measures

Skin contact: Rinse skin immediately with warm water.  
Eye contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.  
Ingestion: Call a poison control center or a doctor immediately for treatment advice. Do not induce vomiting unless told to do so by poison control center or doctor. Do not give anything by mouth to an unconscious person.

## 5. Fire fighting measures

Suitable extinguishing media: N/A.  
Unsuitable extinguishing media: N/A  
Special hazards in fire: No special fire hazards. Non-flammable liquid. Will not burn or support combustion.

## 6. Accidental spill measures

Personal precautions: None special.  
Environmental precautions: If spilled, mop up immediately to avoid slip hazard. Absorb large spills with sand or clay absorbent material to prevent runoff into storm drain or onto grassy areas.  
Methods for cleaning: Wash with water.

## 7. Handling and storage

Handling: Handle with care to avoid puncturing plastic containers. Keep tightly closed when not in use.  
Storage: Store indoors at temperatures below 140°F.

# Material Safety Data Sheet

Date prepared: November 8, 2001

Date revised: N/A (first edition)

## 8. Exposure Controls

Engineering measures:	Mechanical or local exhaust is acceptable.
Personal protection equipment:	None special.
Eye protection:	Wear safety or prescription glasses to prevent splashing in eyes when using.
Hand protection:	None special.
Hygiene measures:	Wash hands after using.

## 9. Physical and chemical properties

Appearance:	Clear, thick, light green liquid
Odor:	slightly fragrant
pH:	6.5-7.0
Boiling point:	above 212°F
Melting point:	N/A
Flashpoint:	Above 200°F
Explosive properties:	None
% Volatile:	87 % (water)
Vapor pressure:	not known
Specific Gravity:	1.01
Solubility:	Soluble in water in all proportions

## 10. Stability and reactivity

Conditions to avoid:	Excessive heat.
Materials to avoid:	None.
Hazardous decomposition products:	Burning generates CO, CO <sub>2</sub> and smoke.

## 11. Toxicological information

Acute toxicity:	Not done.
Local effects:	Excessive exposure may affect human health as follows:
Skin contact:	Prolonged or repeated contact may cause temporary skin irritation or contact dermatitis in individuals due to removal of natural skin oils.
Eye contact:	May cause irritation.
Inhalation/ingestion:	Ingestion may cause gastric irritation resulting in nausea, cramps and vomiting

## 12. Ecological information and Environmental Hazards

It is expected to be rapidly and completely biodegraded by soil and aquatic organisms.

## 13. Disposal Considerations

Do not contaminate water, food or feed by disposal. Do not discharge this product directly into lakes, streams, ponds, estuaries, oceans or other waters. Rinse small spills down the drain. Absorb large spills with absorbent material and place with rubbish. Offer container for recycling or puncture and dispose in sanitary landfill, or by other approved state and local procedures.

# Material Safety Data Sheet

Date prepared: November 8, 2001

Date revised: N/A (first edition)

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## 14. Transport information

Classification data: None. Non-hazardous.

## 15. Regulatory information

Ratings:

NFPA: Health -0, Flammability - 0, Reactivity - 0

HMIS: Health -0, Flammability - 0, Reactivity - 0.

## 16. Other Information

This is a proprietary pet product for use by professional groomers. Employer should consider the health hazards and safety information contained herein as a guide in employer's hazard communication training program (HAZCOM). This requires employers to instruct employees on the hazards to be expected from using chemical products in the workplace. Employees are required to follow company hazardous material (HAZMAT) policy to ensure personal, customer and environmental safety. While this MSDS is based on technical data from secondary sources deemed to be reliable, Senproco, Inc. assumes no liability for the completeness or accuracy of the information contained herein.