

**Table 1**  
**Sound Levels of Typical Noise Sources and Noise Environments**

| <b>Noise Source<br/>(at Given Distance)</b>   | <b>Noise Environment</b>                               | <b>A-Weighted<br/>Sound Level</b> | <b>Human Judgment<br/>of Noise Loudness<br/>(Relative to Reference<br/>Loudness of 70 Decibels*)</b> |
|---|--|-----------------------------------|--|
| Military Jet Takeoff<br>with Afterburner (50 ft)                                      | Carrier Flight Deck                                    | 140 Decibels                      | 128 times as loud  |
| Civil Defense Siren (100 ft)  |  | 130                               | 64 times as loud   |
| Commercial Jet Take-off (200 ft)  |  | 120                               | 32 times as loud<br><b>Threshold of Pain</b>   |
| Pile Driver (50 ft)   | Rock Music Concert<br>Inside Subway Station (New York) | 110                               | 16 times as loud   |
| Ambulance Siren (100 ft)<br>Newspaper Press (5 ft)<br>Gas Lawn Mower (3 ft)           |  | 100                               | 8 times as loud<br><b>Very Loud</b>  |
| Food Blender (3 ft)<br>Propeller Plane Flyover (1,000 ft)<br>Diesel Truck (150 ft)    | Boiler Room<br>Printing Press Plant                    | 90                                | 4 times as loud  |
| Garbage Disposal (3 ft)   | Higher Limit of<br>Urban Ambient Sound                 | 80                                | 2 times as loud  |
| Passenger Car, 65 mph (25 ft)<br>Living Room Stereo (15 ft)<br>Vacuum Cleaner (10 ft) |  | 70                                | Reference Loudness<br><b>Moderately Loud</b>   |
| Normal Conversation (5 ft)<br>Air Conditioning Unit (100 ft)                          | Data Processing Center<br>Department Store             | 60                                | 1/2 as loud  |
| Light Traffic (100 ft)  | Large Business Office<br>Quiet Urban Daytime           | 50                                | 1/4 as loud  |
| Bird Calls (distant)  | Quiet Urban Nighttime                                  | 40                                | 1/8 as loud<br><b>Quiet</b>  |
| Soft Whisper (5 ft)   | Library and Bedroom at Night<br>Quiet Rural Nighttime  | 30                                | 1/16 as loud   |
|   | Broadcast and Recording Studio                         | 20                                | 1/32 as loud<br><b>Just Audible</b>  |
|   |  | 10                                | 1/64 as loud   |
|   |  | 0                                 | 1/128 as loud<br><b>Threshold of Hearing</b>   |

Source: Compiled by Kimley-Horn and Associates, Inc.

---

**Table 2**  
**Sound Level Measurements (dBA)**

| Measurement | Location             | Time        | Leq  | Lmin | Lmax | L10  | L50  | L90  |
|-------------|----------------------|-------------|------|------|------|------|------|------|
| ML1         | 25' west of SR-76 CL | 07:00-08:00 | 73.3 | 40.9 | 91.0 | 78.7 | 63.0 | 45.4 |

Notes:

Measurements taken on August 11, 2006. Weather conditions during the measurement: 75°F, partly cloudy, east wind at 2-3 mph. Other noise sources during the measurement included faint pump noise at adjacent property and wind through brush.

The measurement at ML1 included 322/28/14 cars/medium trucks/heavy trucks.

---

**Table 3**  
**Outdoor Usable Area Future Exterior Noise Levels (dBA CNEL)**

| <b>Lot</b> | <b>Noise Level</b> |
|------------|--------------------|
| 1          | 57-60              |
| 2          | 46-60              |
| 3          | 46-58              |
| 4          | 47-58              |
| 5          | 43-53              |
| 6          | 45-54              |
| 7          | 51                 |
| 8          | 50                 |
| 9          | 49                 |
| 10         | 48                 |
| 11         | 46                 |
| 12         | 46                 |
| 13         | 45                 |
| 14         | 45                 |
| 15         | 46                 |
| 16         | 47                 |
| 17         | 48                 |
| 18         | 49                 |
| 19         | 51                 |
| 20         | 52                 |
| 21         | 54                 |
| 22         | 52                 |
| 23         | 51                 |
| 24         | 50                 |
| 25         | 49                 |
| 26         | 47                 |
| 27         | 48                 |
| 28         | 48                 |
| 29         | 50                 |
| 30         | 51                 |

Note: Sound levels are rounded.

**Table 4  
Lot Details**

| <b>Lot Number</b> | <b>Area (Acres)</b> | <b>Usable Open Space (Graded) (Square Feet)</b> |
|-------------------|---------------------|---|
| 1                 | 1.00                | 4,806   |
| 2                 | 1.00                | 7,757   |
| 3                 | 1.00                | 5,540   |
| 4                 | 1.00                | 6,024   |
| 5                 | 1.08                | 5,409   |
| 6                 | 1.11                | 5,526   |
| 7                 | 1.06                | 5,056   |
| 8                 | 1.06                | 6,608   |
| 9                 | 1.06                | 4,588   |
| 10                | 1.02                | 4,756   |
| 11                | 1.06                | 4,529   |
| 12                | 1.00                | 5,101   |
| 13                | 1.11                | 4,767   |
| 14                | 1.18                | 4,656   |
| 15                | 1.12                | 4,516   |
| 16                | 1.02                | 4,716   |
| 17                | 1.00                | 4,584   |
| 18                | 1.00                | 4,966   |
| 19                | 1.00                | 5,149   |
| 20                | 1.00                | 8,408   |
| 21                | 1.00                | 4,675   |
| 22                | 1.05                | 6,669   |
| 23                | 1.00                | 5,630   |
| 24                | 1.00                | 4,836   |
| 25                | 1.00                | 6,486   |
| 26                | 1.00                | 8,010   |
| 27                | 1.02                | 6,108   |
| 28                | 1.02                | 5,333   |
| 29                | 1.02                | 6,106   |
| 30                | 1.01                | 4,720   |

Note: The existing house on Lot 31 would remain.