

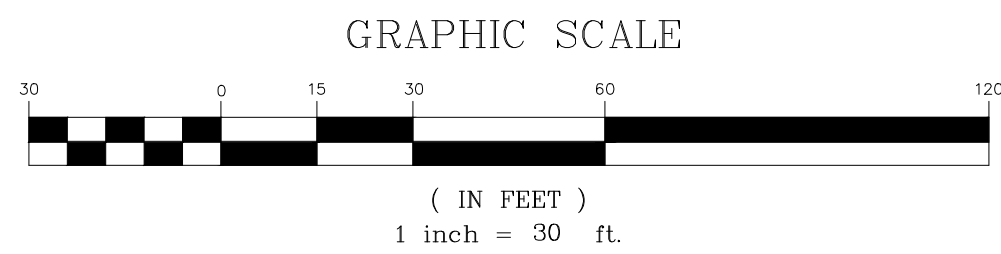


MAP REFERENCE:  
1. BOUNDARY AND TOPOGRAPHIC INFORMATION SHOWN ON THIS PLAN IS FROM A CERTAIN MAP ENTITLED "BOUNDARY AND TOPOGRAPHIC SURVEY FOR 200 PLEASANT VALLEY WAY, BLOCK 151 LOT 33, TOWNSHIP OF WEST ORANGE, ESSEX COUNTY, NEW JERSEY," PREPARED BY PETRY ENGINEERING, INC., DATED 07/26/2014.

MAP REFERENCE:  
1. STEEP SLOPES WERE PREPARED BY PETRY ENGINEERING, LLC.  
2. FLOOD ZONES, WETLANDS, SUBSURFACE AND ENVIRONMENTAL AND OR HAZARDOUS MATERIALS LOCATION, IF ANY, WERE NOT EXAMINED OR CONSIDERED AS A PART OF CONTRACT.  
3. VERTICAL DATUM IS BASED UPON REF. NO. 1  
4. UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON USABLE ABOVE GROUND STRUCTURES, FIELD DATA, UTILITY MARKINGS AND/OR RECORDS FURNISHED BY VARIOUS AGENCIES. NO EXCAVATIONS WERE MADE DURING THE PROCESS OF THIS SURVEY TO LOCATE BURIED UNDERGROUND UTILITIES AND/OR STRUCTURES. PETRY ENGINEERING, LLC MAKES NO GUARANTEES EXPRESS OR IMPLIED, REGARDING THE UTILITY LOCATION AS PLOTTED ON THIS PLAN. THIS PLAN DOES NOT IMPLY THAT NO OTHER UTILITIES MAY BE PRESENT ON THE SITE. IT IS THE RESPONSIBILITY OF THE USER OF THIS SURVEY TO DETERMINE THE EXACT LOCATION AND DEPTH OF ALL UTILITIES BY CONTACTING THE PROPER UTILITY AGENCIES PRIOR TO ANY GROUND DISTURBANCE.  
5. PLAN ENTITLED "FIRM FLOOD INSURANCE RATE MAP, ESSEX COUNTY, NEW JERSEY (ALL JURISDICTIONS)" PANEL 84 OF 200" MAP NUMBER 1401300846, EFFECTIVE DATE: JUNE 4, 2007.

| Steep Slopes Table |       |           |           |            |             |       |                  |                   |                    |       |                |                   |
|--------------------|-------|-----------|-----------|------------|-------------|-------|------------------|-------------------|--------------------|-------|----------------|-------------------|
| Range              | Color | Min Slope | Max Slope | Percentage | Area        |       | Useable Lot Area | Adjustment Factor | Effective Lot Area |       | Disturbed Area | Percent Disturbed |
|                    |       |           |           |            | Square Feet | Acres |                  |                   | Square Feet        | Acres | Square Feet    | Acres             |
| 1                  |       | 0.00%     | 9.99%     | 75.27%     | 158,405.83  | 3.636 | 100%             | 1.00              | 158,405.83         | 3.636 | 158,405.83     | 3.636             |
| 2                  |       | 10.00%    | 14.99%    | 12.08%     | 25,412.89   | 0.583 | 60%              | 0.60              | 15,248.334         | 0.350 | 21,675.94      | 0.498             |
| 3                  |       | 15.00%    | 19.99%    | 4.25%      | 8,962.03    | 0.206 | 40%              | 0.40              | 3,584.812          | 0.082 | 8,195.69       | 0.188             |
| 4                  |       | 20.00%    | 24.99%    | 1.84%      | 3,863.54    | 0.089 | 20%              | 0.20              | 772.708            | 0.018 | 3,604.83       | 0.083             |
| 5                  |       | 25.00%    | 100.00%   | 6.56%      | 13,816.45   | 0.317 | 0%               | 0.00              | 0.000              | 0.000 | 12,617.71      | 0.290             |
| Total:             |       |           |           |            | 210,461.74  | 4.832 | Total:           |                   | 178,011.684        | 4.067 |                |                   |

| Steep Slopes For Riparian Zone |       |           |           |            |             |       |                  |                   |                |       |                   |
|--------------------------------|-------|-----------|-----------|------------|-------------|-------|------------------|-------------------|----------------|-------|-------------------|
| Range                          | Color | Min Slope | Max Slope | Percentage | Area        |       | Useable Lot Area | Adjustment Factor | Disturbed Area |       | Percent Disturbed |
|                                |       |           |           |            | Square Feet | Acres |                  |                   | Square Feet    | Acres |                   |
| 1                              |       | 0.00%     | 9.99%     | 50.46%     | 19,716.38   | 0.453 | 100%             | 1.00              | 14,022.00      | 0.322 | 71.12%            |
| 2                              |       | 10.00%    | 14.99%    | 15.28%     | 5,972.29    | 0.137 | 60%              | 0.60              | 4,269.22       | 0.098 | 71.46%            |
| 3                              |       | 15.00%    | 19.99%    | 9.90%      | 3,867.50    | 0.089 | 40%              | 0.40              | 1,911.73       | 0.044 | 49.43%            |
| 4                              |       | 20.00%    | 24.99%    | 7.49%      | 2,927.93    | 0.067 | 20%              | 0.20              | 1,435.50       | 0.033 | 49.03%            |
| 5                              |       | 25.00%    | 100.00%   | 16.87%     | 6,590.57    | 0.151 | 0%               | 0.00              | 2,623.40       | 0.060 | 39.81%            |



CAUTION: IF THIS DOCUMENT DOES NOT CONTAIN A RAISED IMPRESSION SEAL OF THE UNDERSIGNED PROFESSIONAL, IT IS NOT AN AUTHORIZED ORIGINAL DOCUMENT.

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------|------------------------------------------------------------------------------------------------------------|
| 1                                                                                                                                                                                                         | ISSUED FOR PLANNING BOARD REVIEW | 03/07/25 | JMP                                                                                                        |
| REVISION                                                                                                                                                                                                  | DESCRIPTION                      | DATE     | BY                                                                                                         |
| PRELIMINARY AND FINAL SITE PLAN APPLICATION PREPARED FOR:<br><b>REDWOOD, L.L.C.</b><br>200 PLEASANT VALLEY WAY<br>BLOCK 151 LOT 33<br>TOWNSHIP OF WEST ORANGE<br>ESSEX COUNTY NEW JERSEY                  |                                  |          |                                                                                                            |
| <b>NATURAL FEATURES MAP</b><br>TOWNSHIP OF WEST ORANGE §25-28 STEEP SLOPE & NATURAL FEATURES ORDINANCE                                                                                                    |                                  |          |                                                                                                            |
| <br><b>PETRY ENGINEERING, LLC</b><br>100 PASSAGE AVENUE • FAIRFIELD, NJ 07004<br>TEL: 908.239.7800 FAX: 908.239.7801 |                                  |          | Designer: JMP<br>Draftsman: GUKSPD<br>Checked by: JMP<br>Project No.: 16-0012<br>Scale: 1" = 30'<br>Sheet: |
| <b>J. MICHAEL PETRY-PE, PP, RA</b><br>NJ PROFESSIONAL ENGINEER LIC. NO. 36962 DATED 12/12/16                                                                                                              |                                  |          | NF-1                                                                                                       |