VILLAGE OF RIDGEWOOD

Department of Public Works – Engineering Division
Telephone (201) 670-5500 Ext: 2238 Fax (201) 670-7305 yanderson@ridgewoodnj.net

2023 SITE GRADING AND STORMWATER CONTROL PLAN CHECKLIST

Date Submitted: _____/_____/2023 Block: 3905 **Lot:** 12,13,14
Owner: Les Dann LLC **Phone: (**973**)** 694 **-** 1433
Address: 246-264 South Broad Street **Ridgewood, NJ 07450**
Contractor: _____ Phone: (_____) _____ - _____
Address: _____
Owner Email: _____ Contractor Email: _____
Fee for Engineering Review and Site Inspection: Single family homes - $150.00
Soil Permits – Varies (see reverse side)
Submit this checklist with a site plan of the proposed work. Indicate deficient items.

A. A permit is required when any work involving new buildings, additions, pools or site improvements totaling **two hundred square feet** (**200 S.F.**) or greater of impervious surface is proposed. The site plan shall be drawn by a **licensed New Jersey professional engineer**, land surveyor, architect or professional planner, with appropriate seal. All other plans will be rejected.

B. An appropriate site plan will be submitted where the following additional information shall be clearly shown: (Please refer to the Village Of Ridgewood Code Chapter 190, Article X, Section 120A(2)b for the complete requirements).

1. A current survey of the site indicating existing conditions.
2. Sketch and Calculate the difference between Existing and Proposed Impervious areas.
3. Clearly show methods of capturing and directing runoff into seepage tanks, including inlet and pipe sizes and installation details of all products. Any field changes require approval prior to installation.
4. Existing and proposed contours and/or spot elevations sufficient to allow calculation of soil movement and accurately depict drainage patterns. Clearly indicate limits of disturbance for all proposed work. Note all trees over 6-inch diameter to be removed.
5. Include elevations at corners and key points of proposed buildings, additions, paved areas, property corners, gutters, swales, top and bottom of walls and curbs, and all significant grade changes. Include existing and proposed basement, first floor and garage slab elevations.
   -All of the above should be in the National Geodetic Vertical Datum of 1929. Benchmarks are available at the Village of Ridgewood, Division of Engineering.
6. Proposed and existing streams, brooks or other natural or man-made drainage facilities including utilities when pertinent to any proposed use or construction.
7. Proposed landscaping showing the treatment of non-impervious areas.
8. Soil erosion/sediment control plan, including but not limited to silt fence or salt hay barrier(s). Fifty feet (50') long by ten feet (10') wide construction stone access drive. **Bergen County Soil Conservation District Certification is required for any project that will disturb an area of more than 5,000 square feet.**
9. Seepage Tank/Drainage Design
   a. For a gain in impervious area greater than **200 square feet** but less than 2,000 square feet; seepage tanks must be provided at one gallon per square feet (1 gal./S.F.).
   b. For a gain in impervious area greater than two thousand square feet (2,000 S.F.); a seepage tank system must be designed by a Professional Engineer so that the runoff from the site is no greater post construction than pre construction for the following storms:
      1) 1 Hour 3" rainfall.
      2) 24 Hours 7" rainfall.

      Soil percolation tests results must be submitted to support calculations.
   c. **For total site redevelopment construction (knock downs), all impervious areas must be retained.**
   d. All leaders shall be connected to seepage pits with minimum six-inch (6") diameter piping.
   e. Seepage pit(s) shall be placed a minimum of fifteen feet (15') from proposed or existing structure foundations, have two feet (2') minimum cover, and be outside the setback lines when ever possible.
10. Show on the plan the boundary of the one hundred (100) year floodplain and flood hazard area and the base flood elevation, as determined by the latest accepted Federal Emergency Management Agency's Flood Insurance Rate Map (information available from the Engineering Division). Show limits of wetlands and buffer zones.
11. Technical guidance is available on a limited basis with the Engineering Division during normal office hours.
12. Soil Permit required on separate application where greater than one hundred cubic yards (100 c.y.) of soil is to be moved.

Comments:_____

VILLAGE OF RIDGEWOOD - DPW - ENGINEERING DIVISION
APPLICATION AND SUBMITTAL REQUIREMENTS FOR SOIL PERMITS

FOR ALL APPLICATIONS (MINISTERIAL, MINOR & MAJOR), SUBMIT THE FOLLOWING:

1. Appropriate fee

Ministerial 100+ but < 501 C.Y.	Minor 501+ but < 2,000 C.Y.	Major 2001+ C.Y.
$50.00	$125.00	$150.00+$.25 C.Y.

2. This form, completed and signed
3. Location Plan or sketch showing:
   - ☐ lot lines
   - ☐ existing structures or walls
   - ☐ proposed structures or walls
   - ☐ proposed limit of disturbance
   - ☐ trees 6" or greater in or near the limit of disturbance
   - ☐ north arrow
   - ☐ scale
   - ☐ existing and proposed spot elevations and or contour lines suitable for supporting volume calculations
   - ☐ existing and proposed impervious areas.
4. Soil volume calculations (calculate cut and fill separately)

FOR MAJOR SOIL PERMITS, ALSO SUBMIT THE FOLLOWING:

A. Topo maps (2) at a scale of 1" = 100' showing
   - ☐ Existing grade on a 100' grid
   - ☐ Proposed grades on same grid
   - ☐ Grades of all streets or lots within 100' of the extreme limits of the lot or lots involved
   - ☐ Proposed slopes and lateral supports involved in the moving of the soil
   - ☐ Present and proposed surface water drainage
   - ☐ All easements or restrictions that would affect the lot or lots involved

B. Names and addresses of all property owners within 200' of the extreme limits of the lot or lots involved

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APPLICATION FORM

Application for **Ministerial, Minor, Major** (Circle One) Soil Permit as required by Chapter 246 of the Village Code.

Property Location (Street Address) 246-264 South Broad Street Ridgewood, NJ 07450

Block 3905 Lot 12,13,14 Current Owner's Name Les Dann LLC

Owner's address 76 MountainView Boulevard Wayne, NJ 07470 Owner's Phone 973-694-1433

Purpose or reason for moving soil Site Improvement

Estimated cubic yards to be moved. CUT=1396 C.Y. FILL=1383 C.Y. COMBINED TOTAL= 2779 C.Y

Expected date of completion _____

How will soil movement affect trees with a diameter of 6 inches or more, and what protection will be provided for such trees? This soil movement will disturb 13 trees with a diameter of 6 inches or more.

IF APPLICANT IS OTHER THAN THE OWNER, PLEASE COMPLETE THE FOLLOWING:

Applicants= Name Les Dann LLC Phone 973-694-1433

Applicants= Address 76 MountainView Boulevard Wayne, NJ 07470

Signature of Applicant _____ Date _____

DATE APPROVED: _____ ***BY:*** _____ ***FEE:*** _____

BERTIN ENGINEERING
66 GLEN AVENUE
GLEN ROCK, NEW JERSEY 07452
(201) 670-6688
FAX (201) 670-9788

JOB	22-146: Mountain View Auto Body - Ridgewood, NJ		
SHEET NO.	1	OF	1
CALCULATED BY	MBL	DATE	11/4/2024
CHECKED BY	SPF	DATE	11/4/2024
SCALE			

SOIL MOVEMENT CALCULATIONS

EXISTING CONDITION

Grid ID	Area (ft^2)	Spot Grade Elevation								Average Grade (ft)
		(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	
1	4800	147.5	148.5	151.0	150.9					149.5
2	7786	150.9	151.0	155.4	154.0					152.8
3	9281	154.0	155.4	153.5	153.8					154.2
4	3361	148.5	148.4	150.3	151.0					149.6
5	10000	151.0	150.3	153.4	155.4					152.5
6	10,000	155.4	153.4	151.9	153.5					153.6
7	7197	148.4	149.4	151.2	152.0	150.3				150.3
8	9271	150.3	152.0	153.2	153.4					152.2
9	6652	153.4	153.2	151.3	151.9					152.5
10	472	149.4	149.8	151.2						150.1
11	89	152.6	153.2	153.2						153.0
12	5010	150.1	148.8	149.9	150.3					149.8

PROPOSED CONDITION

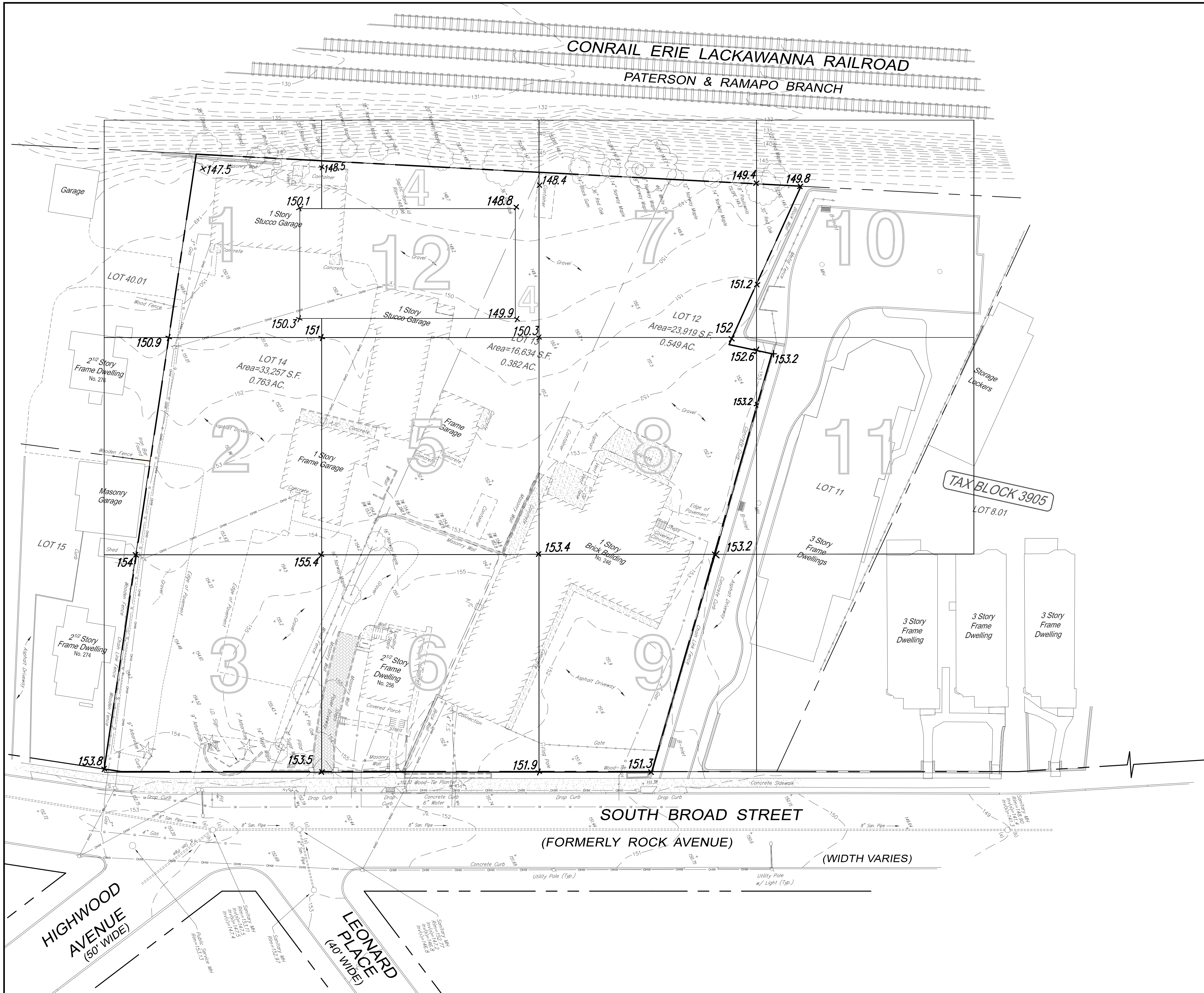
Grid ID	Area (ft^2)	Spot Grade Elevation								Average Grade (ft)
		(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	
1	4800	150.7	152.2	153.5	150.9					151.8
2	7786	150.9	153.5	153.5	154.0					153.0
3	9281	154.0	153.5	152.8	153.8					153.5
4	3361	152.2	152.2	153.5	153.5					152.9
5	10000	153.5	153.5	153.5	153.5					153.5
6	10000	153.5	152.9	152.0	153.5					153.0
7	7197	152.2	149.4	150.7	152.0	153.5				151.6
8	9271	153.5	152.0	153.2	153.5					153.1
9	6652	153.5	153.2	151.7	152.0					152.6
10	472	149.4	149.8	151.2						150.1
11	89	152.6	153.2	153.2						153.0
12	5010	146.0	146.0	146.0	146.0					146.0

Grid ID	Area (ft^2)	Existing Average Grade (ft)	Proposed Average Grade (ft)	Volume Cut (CY)	Volume Fill (CY)
1	4800	149.5	151.8		409
2	7786	152.8	153.0		58
3	9281	154.2	153.5	241	
4	3361	149.6	152.9		411
5	10000	152.5	153.5		370
6	10000	153.6	153.0	222	
7	7197	150.3	151.6		347
8	9271	152.2	153.1		309
9	6652	152.5	152.6		25
10	472	150.1	150.1		
11	89	153.0	153.0		
12	5010	149.8	146.0	705	
			Sum	**1168**	**1929**

Total Combined: **3097 CY**

Amount of soil to be imported: **761 CY**

SM1: EXISTING GRADES - CUT & FILL CALCULATIONS



SM2: PROPOSED GRADES - CUT & FILL CALCULATIONS

CONRAIL ERIE LACKAWANNA RAILROAD
PATERSON & RAMAPO BRANCH

SOUTH BROAD STREET
(FORMERLY ROCK AVENUE)
(WIDTH VARIES)

HIGHWOOD AVENUE
(50' WIDE)

LEONARD PLACE
(40' WIDE)