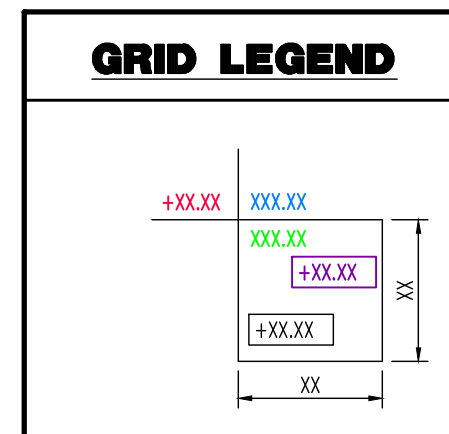
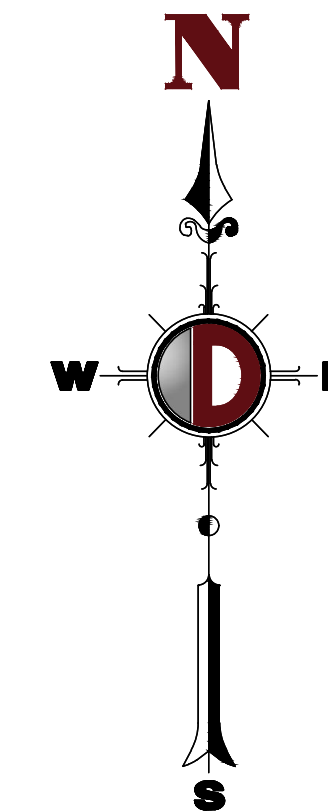




SOIL MOVEMENT PLAN LEGEND

XXX.XX	= EXISTING ELEVATION (NAVD88)(FT.)
XXX.XX	= PROPOSED GRADE (NAVD88)(FT.)
+XXX.XX	= DIFFERENCE OF EXISTING GRADE AND PROPOSED GRADE (NAVD 88)(FT)
XXXX.XX	= GRID AREA METHOD CUT VOLUME (CY.)
XXXX.XX	= GRID AREA METHOD FILL VOLUME (CY.)

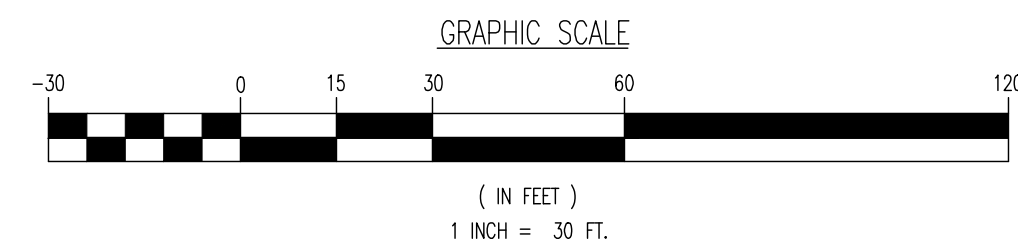
SOIL MOVEMENT QUANTITIES			
AREA (SF)	CUT VOLUME (CY)	FILL VOLUME (CY)	NET VOLUME (CY)
38,752	945.4	962.6	17.2 (FILL)

A TOTAL OF **945.4 CY** OF EXISTING ON-SITE SOIL IS TO BE DISTURBED, WITH AN ADDITIONAL 17.2 CY OF OFF-SITE SOIL TO BE BROUGHT ON-SITE.

MAP UNIT SYMBOL	MAP UNIT NAME	RATING
Bog9c	BOONTON LOAM, 2 TO 15 PERCENT SLOPES, EXTREMELY STONY	C
Bow9d	BOONTON - URBAN LAND, BOONTON SUBSTRATUM COMPLEX, RED SANDSTONE LOWLAND, 0 TO 8 PERCENT SLOPES	C
Hor9c	HALEDON SILT LOAM, 0 TO 8 PERCENT SLOPES, EXTREMELY STONEY	C
Yale9Bc	YALEVILLE - BOONTON - HOLYOKE COMPLEX, 0 TO 8 PERCENT SLOPES, EXTREMELY STONY	C
Yale9Ch	YALEVILLE - HOLYOKE COMPLEX, 15 TO 60 PERCENT SLOPES, VERY ROCKY	C

GENERAL NOTES

1. THIS PLAN HAS BEEN PREPARED BASED ON REFERENCES INCLUDING:
- PLOT AND GRADING PLAN
DYNAMIC ENGINEERING CONSULTANTS, PC
1904 MAIN STREET
LAKE COMO, NEW JERSEY 07719
FILE #: 5142 24-00053
DATED: 03/05/2024
LAST REVISED: 06/14/2024
2. PARCEL DATA: BLOCK 80.03 LOT 10
10 ROCK ROAD
TOWNSHIP OF WEST ORANGE
ESSEX COUNTY, NEW JERSEY
3. THIS PLAN IS INTENDED FOR SOIL MOVEMENT PERMITTING PURPOSES ONLY, AND IS NOT TO BE USED FOR CONSTRUCTION



THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION



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Allen, Texas	T: 972.534.2100	Austin, Texas	T: 512.646.2646	Houston, Texas	T: 281.789.6400	Delray Beach, Florida	T: 561.921.8370
Melbourne, Pennsylvania	T: 217.495.0734	Albany, New York	T: 518.752.4898	Baltimore, Pennsylvania	T: 410.698.4100		

TITLE: SOIL MOVEMENT PERMITTING PLAN

PROJECT: **AARON FRIEDMAN**
PROPOSED SINGLE-FAMILY RESIDENTIAL DWELLING
BLOCK 80.03, LOT 10
10 RIDGE ROAD
TOWNSHIP OF WEST ORANGE, ESSEX COUNTY, NEW JERSEY

MATTHEW J. BERSCH

PROFESSIONAL ENGINEER
NEW JERSEY LICENSE No. 54522

ROBERT P. FREUD

PROFESSIONAL ENGINEER
NEW JERSEY LICENSE No. 41938



811

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OF

Plotted: 07/08/24 - 3:22 PM, By: rkazimir, - Product Ver: 24.3s (LMS Tech)
 File: \\decpc.local\decfolders\Data\DEPC PROJECTS\5142 Aaron Friedman\24-00053 West Orange\Draw Site Plans\DS1422400053EWO.DWG, ----> 01 PLOT & GRADING PLAN

Plotted: 07/08/24 - 3:22 PM, By: rkazimir, - Product Ver: 24.3s (LMS Tech)
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