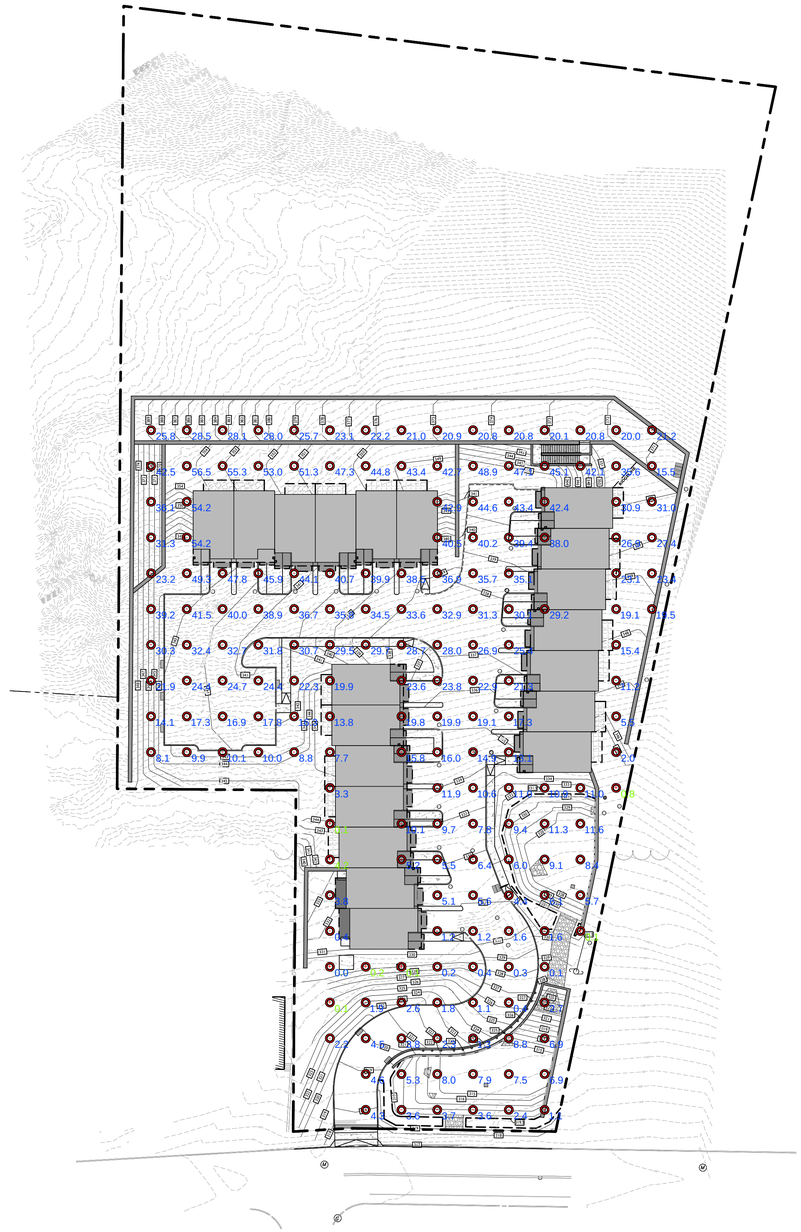

SYMBOL / DESCRIPTION

SYMBOL	DESCRIPTION
0.1	SOIL CUT LABEL
0.1	SOIL FILL LABEL

SURFACE TO SURFACE CALCULATION

CUT	FILL
57,980 CY	80 CY
NET: 57,900 CY CUT (EXPORT)	

DEMOLITION TAKEOFFS SUMMARY

MATERIAL	PROPOSED
EXISTING FOUNDATIONS / SLAB	56 CY (REMOVE & BACKFILL)
EXISTING ASPHALT DRIVEWAY	30 CY (REMOVE & BACKFILL)
EXISTING CONCRETE PAVEMENT	31 CY (REMOVE & BACKFILL)
EXISTING SUBSURFACE UTILITIES	27 CY (REMOVE & BACKFILL)
TOTAL	**144 CY**

CONSTRUCTION MATERIALS SUMMARY

MATERIAL	PROPOSED
ASPHALT PAVEMENT	682 CY (NEW MATERIAL)
PERVIOUS PAVEMENT	549 CY (NEW MATERIAL)
CONCRETE SIDEWALK AND CURBS	134 CY (NEW MATERIAL)
BUILDINGS (SLAB & FOUNDATION)	604 CY (NEW MATERIAL)
RETAINING WALLS	3,422 CY (WALL & BACKFILL)
SUBSURFACE STORM SEWER AND UTILITIES	2,866 CY (LINES & BEDDING)
TOTAL	**8,257 CY**

PROJECT SUMMARY

SURFACE TO SURFACE CALC	57,900 CY CUT
DEMOLITION TAKEOFFS	144 CY
CONSTRUCTION MATERIALS	8,257 CY
NET OVERALL	**66,013 CY CUT**

NOTE:
CONTRACTOR SHALL PERFORM HIS / HER OWN ANALYSIS FOR BIDDING AND CONSTRUCTION PURPOSES.

40' 0' 40' 80'
GRAPHIC SCALE IN FEET
1" = 40'

ISSUE	DATE	BY	DESCRIPTION
00	02/24/2023	JCL	FOR MUNICIPAL SUBMISSION

NOT APPROVED FOR CONSTRUCTION

STONEFIELD engineering & design
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Headquarters: 92 Park Avenue, Rutherford, NJ 07070
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EXHIBIT

522 VALLEY ESTATES, LLC
PROPOSED TOWNHOUSE DEVELOPMENT

BLOCK 3201, LOT 12
522 VALLEY ROAD (COUNTY ROUTE 621)
CITY OF CLIFTON
PASSAIC COUNTY, NEW JERSEY

AFTON M. SAVITZ, P.E.
NEW JERSEY LICENSE No. 57674
LICENSED PROFESSIONAL ENGINEER

STONEFIELD engineering & design

SCALE: 1" = 40' | PROJECT ID: RUT-220013

TITLE:
SOIL MOVEMENT EXHIBIT

DRAWING:
1 OF 1

Z:\AUTHD\PROJ\RUT\2022\RUT-220013 GARDEN STATE REALTY & INVESTMENTS - 522 VALLEY ROAD, CLIFTON\HQ\CAD\EXHIBITS\EARTHWORK\2023-02-21_EARTH WORK EXHIBIT.DWG