

SORAK RESIDENCE RETAINING WALL
10226 SHIRLEY MEADOW COURT
ELLICOTT CITY, MARYLAND



JUNE 20, 2021



OVERALL PROPERTY MAP
NOT TO SCALE

NOTES

1. SCOPE OF WORK INCLUDES DEMOLITION OF 105 LINEAR FEET OF VARYING HIGHT FAILED TIMBER RETAINING WALL. CONSTRUCTION OF 105 LINEAR FEET OF A REPLACEMENT SEGMENTED BLOCK RETAINING WALL. NEW WALL IS TO BE IN SAME LOCATION AS THE DEMOLISHED WALL. THERE SHALL BE A SAFETY RAIL ON THE WALL TOP. USE HOWARD COUNTY RESIDENTIAL BUILDING CODE, IRC 2018 AND STATE OF MARYLAND RESIDENTIAL CODE.
2. SOIL BEARING PRESSURE FOR DESIGN = 1500 PSF, EQUIVALENT SOIL FLUID PRESSURE = 60 #/CF. REINFORCED SOIL TYPE: SILT/CLAY. 150 #/SF SURCHARGE AT WALL TOP.
3. OWNER SHALL SELECT THE COLOR, STYLE AND PATTERN OF THE SEGMENTED BLOCKS & WALL CAP STONE.
4. SAFETY RAIL SHALL MEET ALL REQUIREMENTS OF OSHA. OWNER SHALL SELECT SAFETY WALL TYPE.
5. GRADING PLAN CONTOURS ARE BY GEORGE C. GERBER, P.E. EXISTING AND NEW CONTOURS ARE THE SAME EXCEPT FOR NEW DRAINAGE SWALES BEHIND WALL TOP. DRAINAGE PATTERNS ARE THE SAME AS EXISTING.
6. SITE PROPERTY PLAN BASED UPON A SITE LOCATION DRAWING PREPARED BY CLARK, FINEFROCK & SACKETT, INC. OF COLUMBIA, MD. DATED 10-17-88. AS INCREASED IN SCALE AND ANNOTATED BY GEORGE C. GERBER, P.E. FOR NEW WALL LOCATION.
7. DISTURBED AREA = 2100 SF, CUT = 165 CY, FILL = 165 CY.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FIELD MEASUREMENTS.