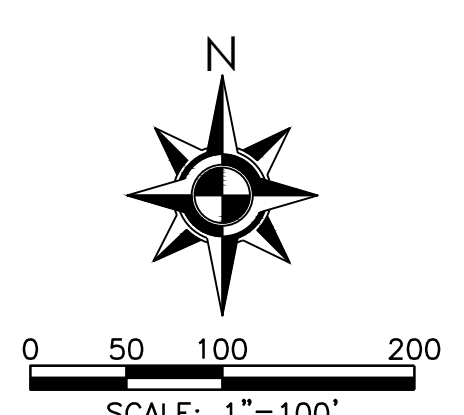
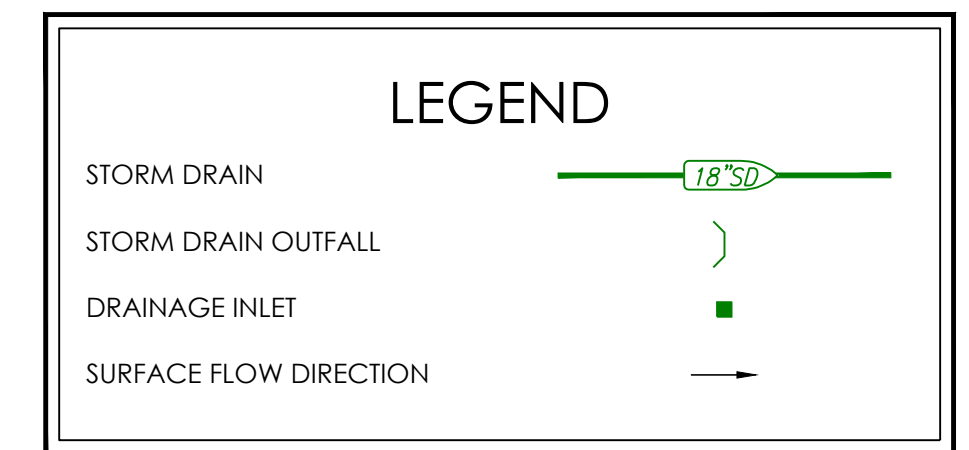


ESTIMATED EARTHWORK QUANTITIES

AREA	CUT (CY)	FILL (CY)	ADJUSTED FILL (CY)	NET (CY)
GREEN BUSINESS PARK	335,000±	272,000±	326,000±	9,000± CUT

- EARTHWORK NOTES:**
1. PRELIMINARY QUANTITIES SHOWN ARE FOR REFERENCE PURPOSES ONLY.
 2. CUT QUANTITY ASSUMES RAW CUT VALUE (226,000 CY) PLUS THE PAVING AND BUILDING FOUNDATION STRUCTURAL SECTIONS (ASSUMED TO BE 1' ACROSS THE GRADED SITE, FOR A VALUE OF 109,000 CY).
 3. ADJUSTED FILL QUANTITY ASSUMES A SHRINKAGE FACTOR OF 20%.

- GRADING AND DRAINAGE NOTES**
1. SITE PLAN BASED ON FILE PROVIDED BY BEM ON 04/21/2021. ELEVATIONS DERIVED USING THIS SITE PLAN ARE APPROXIMATE AND ARE SUBJECT TO CHANGE.
 2. AERIAL TOPOGRAPHY PROVIDED BY BEM ON 10/26/2020. VERTICAL DATUM = NAVD 88
 3. 100 YEAR WATER SURFACE ELEVATIONS IDENTIFIED PER FEMA FIRMS.
 4. IT IS ANTICIPATED THAT A BALANCED SITE WILL BE ACHIEVED UNLESS UNSUITABLE MATERIAL IS IDENTIFIED WITHIN THE GEOTECHNICAL REPORT, OR ENCOUNTERED DURING EXCAVATION.
 5. DRAINAGE OUTFALL LOCATIONS ARE PRELIMINARY AND SUBJECT TO CHANGE
 6. IT IS ASSUMED THAT STORM WATER WILL BE TREATED WITHIN PARKING ISLANDS, LANDSCAPED AREAS, MEDIANS, AND/OR WITHIN THE BIORETENTION FACILITIES SHOWN.



PRELIMINARY GRADING & STORM DRAIN LAYOUT
GREEN BUSINESS PARK