

- SOIL EROSION LEGEND**
- SILT FENCE
 - REINFORCED SILT FENCE
 - STONE INLET PROTECTION
 - SILT SACK INLET PROTECTION
 - DRAINAGE AREA LINE
 - LIMIT OF DISTURBANCE
 - SOIL TYPE LIMIT
 - STABILIZED CONSTRUCTION ENTRANCE
 - TEMPORARY RISER
- SOILS LEGEND**
- FrpB FREEHOLD - DOWNER - URBAN LAND COMPLEX, 0 TO 5 PERCENT SLOPES.
 - MatB MARLTON-KRESSON-URBAN LAND COMPLEX, 0 TO 5 PERCENT SLOPES

- GENERAL NOTES:**
- THIS PLAN IS TO BE USED FOR SOIL EROSION, SEDIMENT CONTROL AND DRAINAGE AREA PURPOSES ONLY.
 - INLET SILT SACKS ARE TO BE USED AS A MEASURE OF INLET PROTECTION ON EXISTING INLETS IN PLACE DURING PHASE 1 CONSTRUCTION AT LOCATIONS SHOWN ON THIS PLAN AND RECOMMENDED BY THE CAMDEN COUNTY SOIL CONSERVATION DISTRICT.
 - IMMEDIATELY PRIOR TO TOPSOIL APPLICATION, THE SUBSOIL SHALL BE EVALUATED FOR COMPACTION IN ACCORDANCE WITH THE STANDARD FOR LAND GRADING.
 - NJSA 4:24-99 ET SEQ. REQUIRES THAT NO CERTIFICATION OF OCCUPANCY BE ISSUED BEFORE THE COMPLETION OF A SOIL COMPACTION MITIGATION VERIFICATION FORM AND CONFIRMATION BY THE CAMDEN COUNTY SOIL DISTRICT INSPECTOR THAT THE COMPACTION MITIGATION REQUIREMENTS IN THE STANDARDS FOR LAND GRADING HAVE BEEN SUFFICIENTLY ADDRESSED.
 - ALL NECESSARY EROSION AND SEDIMENT CONTROLS SHALL BE INSTALLED FOR OFF-SITE WORK IF NECESSARY.
 - PHASE 2 DEVELOPMENT WILL HAVE A TOTAL LANDS DISTURBANCE OF 413,755.76 S.F. OR 9.5 ACRES.

- CONSTRUCTION ENTRANCE NOTES:**
- STONE SIZE SHALL BE ASTM C-33 SIZE NO. 2(2 1/2" TO 1.5") OR NO. 3(2" TO 1").
 - THICKNESS SHALL BE 12" THICK WITH FILTER FABRIC.
 - BOTTOM OF STONE BED TO BE WRAPPED IN HIGH PERMITIVITY NON-WOVEN GEOTEXTILE FILTER FABRIC AND SHOULD BE MACCAFERRI MACTEX MX275 OR APPROVED EQUAL.

Staging Area Coverage Breakdown

Area	Grass	Grass	Woods	Woods	Total	Wtd./CN	Tc
NO.	area	area	Area	Area	area		HR
HSG	B	C	B	C			
CN value:	61	74	55	70			
Existing			0.501	0.649	1.15	63	0.1979
Dev-Onsite	0.501				0.501	61	0.1905
Dev-Offsite		0.649			0.649	74	0.2293

Peak Flow Rates

Area	Peak Flow Rate (cfs)		
	2 Year	10 Year	100 Year
Existing	0.33	1.15	3.22
Dev-Offsite	0.11	0.45	1.33
Dev-Offsite	0.44	1.02	2.28

Direct Runoff Comparison

Area	Peak Flow Rate (cfs)		
	2 Year	10 Year	100 Year
Existing	0.33	1.15	3.22
Dev-Offsite	0.44	1.02	2.28
Difference	0.11	-0.13	-0.94

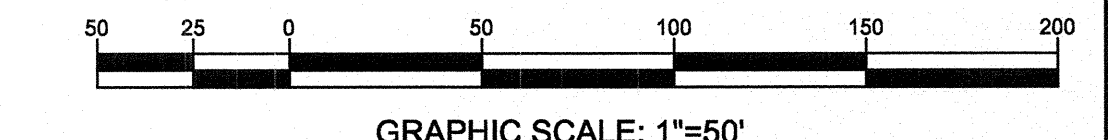
THE CONTRACTOR AND/OR OWNER SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING STRUCTURES AND UTILITIES, WHICH HE DEEMS NECESSARY, BOTH ABOVE AND BELOW THE GROUND SURFACE BEFORE HEAVY EQUIPMENT ENTERS THE CONSTRUCTION SITE.

FINAL INQUIRIES TO "UNDERGROUND UTILITIES" (PHONE #: 1-800-272-1000) SHALL BE MADE BY THE CONTRACTOR AND/OR OWNER WITHIN SEVEN (7) DAYS OF ENTERING THE SITE. THE CONTRACTOR AND/OR OWNER SHALL COORDINATE AND VERIFY THE METHOD OF UTILITY LOCATION WITH THE APPROPRIATE UTILITY COMPANIES.

IN GENERAL, THE VERTICAL DESIGN OF PROPOSED GRAVITY UTILITIES, AS SHOWN ARE INFLUENCED BY THE EXISTING GRAVITY UTILITIES ONLY, WHICH MAY NECESSITATE THE RELOCATIONS OF OTHER UTILITIES.

UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE, AND BASED ON EXISTING INFORMATION RECEIVED FROM UTILITY COMPANIES.

BASIN EXTRACTION NOTE: BASED ON THE SOIL INVESTIGATION, HARD PAN (FIRM) LAYER BETWEEN TEST PITS 6 AND 7 WAS OBSERVED WITH SIGNS OF PONDING PERCHED WATER. THE FIRM (MAR) LAYER SHALL BE REMOVED TO THE LOWER LIMITS EXHIBITING THESE FEATURE AND REPLACED WITH K4 MATERIAL.



REVISION NO. 3: SHIFTED BUILDING 'B' AND ADJUSTED GRADES ALONG STAGING AREA.
 REVISION NO. 2: ADDED STOCKPILE AREA AND REVISED PROPOSED GRADING & CONTOURS.
 REVISION NO. 1: REVISED PLANS PER REMINGTON & VERNICK ENGINEERS REVIEW LETTER DATED 9/22/20.

DESIGNED: VAK	DRAWN: ANH	CHECKED: EPB	SOIL EROSION AND SEDIMENT CONTROL PLAN	
DATE SIGNED: 1-19-21		REVISIONS:	WOODCREST STATION BUSINESS PARK	
EDWARD P. BRADY		NO.	101 WALTER A. GAINES WAY	
		DATE	PLATE 7.01, BLOCK 601, LOT 1 & 3	
			BLOCK 601, LOTS 1, 1.01, & 1.02	
		NO.	BOROUGH OF LAWNSIDE, CAMDEN COUNTY, NJ	
		DATE	Taylor Wiseman & Taylor	
			ENGINEERS / SURVEYORS / SCIENTISTS	
			124 Gather Drive, Suite 150, Mt Laurel, NJ 08054	
			TELEPHONE: (856) 235-7200 FAX: (856) 722-9250	
			www.taylorwiseman.com	
			NJ CERTIFICATE OF AUTHORIZATION NO. 24CA28032900	
N.J. PROFESSIONAL ENGINEER NO. 24GE03283600	SCALE: 1"=50'	DATE: 8/17/2020	DRAWING NO. 2020-17854-WARES2	SHEET: 6 OF 13