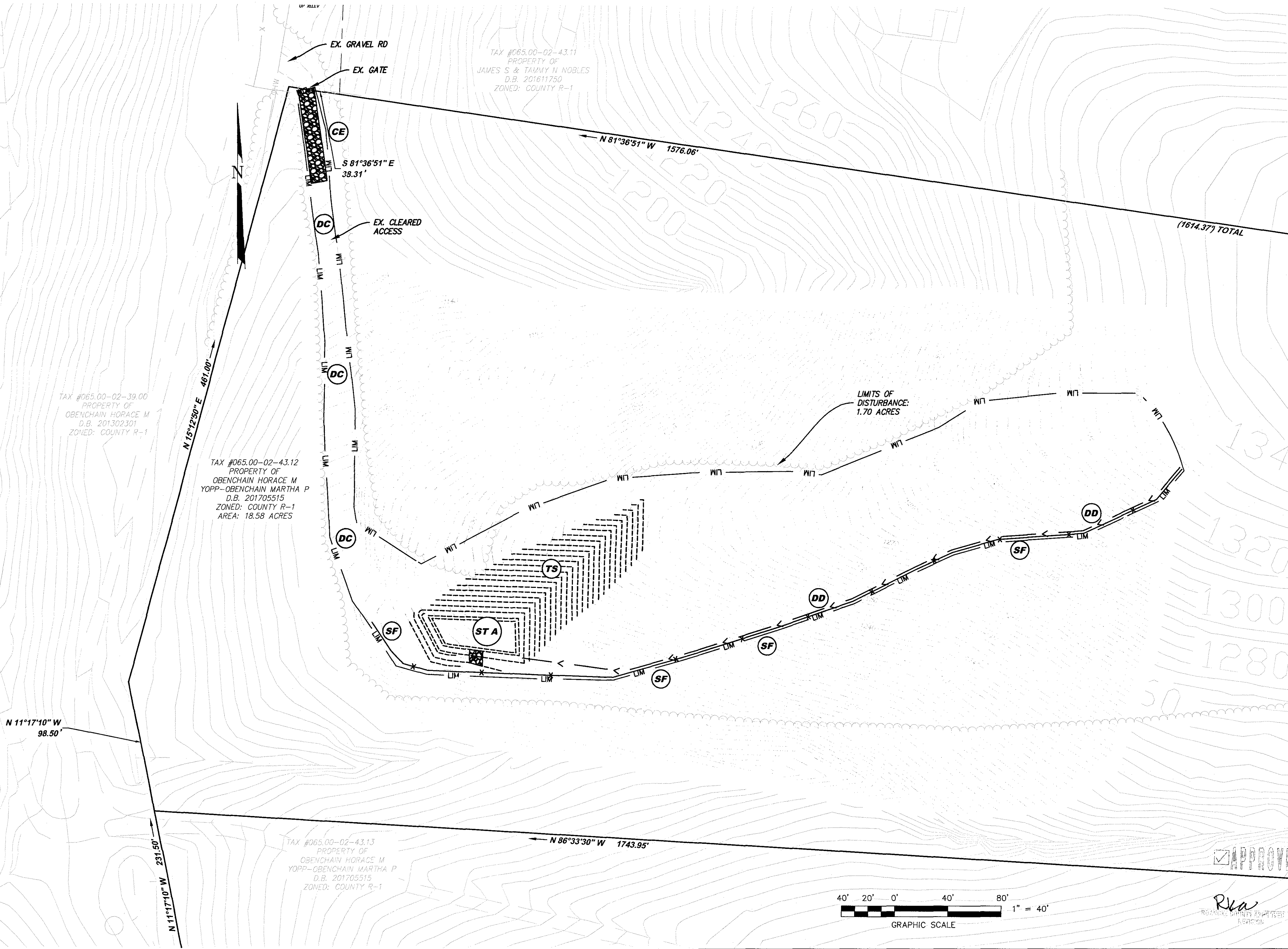


TEMPORARY SEDIMENT TRAP DATA						(H <sub>0</sub> )	(H <sub>1</sub> )	BOTTOM DIMS.								
STRUCTURE (ST)	DRAINAGE AREA (ACRES)	DRY/WET STORAGE (CY.)		WEIR LENGTH (FT.)	WEIR HEIGHT (FT.)	EMBANKMENT WIDTH (FT.)	BERM HEIGHT (FT.)	TRAP WIDTH (FT.)	TRAP LENGTH (FT.)	TRAP DEPTH (FT.)	BOTTOM TRAP INV. ELEV.	EXCAVATED WET DEPTH	OUTLET STONE BASE ELEV.	DRY DEPTH	STONE CREST ELEV.	BERM EMBANK. ELEV.
		REQ'D	DESIGN													
			WET/DRY	WET/DRY												
A	1.40	94/94	96/96	10	1.3	2.5	2.3	22	59	2.3	1184.0	2	1186.0	1.3	1187.3	1188.3

**BORROW AREA INITIAL EROSION AND SEDIMENT CONTROL MEASURES / CONSTRUCTION SEQUENCE:**

- CONSTRUCTION WILL BE SEQUENCED TO INSTALL INITIAL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO GRADING. CONTRACTOR SHALL COORDINATE WITH CONSTRUCTION SEQUENCE OF THE BLUE RIDGE BEVERAGE SITE.
- CONTRACTOR SHALL INSTALL CONSTRUCTION ENTRANCE AS SHOWN ON PLANS. CONSTRUCTION ENTRANCE TO START EXISTING GATE. CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION ENTRANCE PER VA ESCH STD. & SPEC 3.02.
  - CONTRACTOR SHALL UTILIZED THE EXISTING CLEARED ACCESS ROAD TO ACCESS THE BORROW SITE. CONTRACTOR MAY UTILIZE CONSTRUCTION ROAD STABILIZATION IF NEEDED FOR TRUCK TRAFFIC. CONSTRUCTION ROAD STABILIZATION TO BE REMOVED AT THE END OF THE PROJECT.
  - CONTRACTOR SHALL INSTALL ALL PERIMETER EROSION CONTROL INCLUDING SILT FENCE.
  - ONCE THE PERIMETER CONTROL IS INSTALLED THEN THE CONTRACTOR SHALL INSTALL THE SEDIMENT TRAP AND DIVERSION DIKES AS SHOWN. THIS WILL REQUIRE THE SOUTHERN PORTION OF THE BORROW AREA TO BE GRADED WHILE SIMULTANEOUSLY INSTALLING THE SEDIMENT TRAP. SEE SHEET C12 FOR THE PROPOSED GRADING.
  - TOPSOIL STOCKPILING IS ANTICIPATED FOR THE BORROW AREA AND IS SHOWN ON SHEET C12 OF THE PLANS. IF ADDITIONAL TOPSOIL AREAS ARE REQUIRED, THEN THE SUITABLE LOCATIONS ARE TO BE DETERMINED BY THE CONTRACTOR. SILT FENCE SHALL BE PLACED AROUND THE PERIMETER OF THE STOCKPILE. TEMPORARY SEEDING MEASURES APPLY TO STOCKPILES. STOCKPILE LOCATION SHALL BE WITHIN THE DELINEATED LIMITS OF DISTURBANCE.
  - THE CONTRACTOR SHALL CHECK AND VERIFY ALL EXISTING PERIMETER EROSION AND SEDIMENT CONTROL MEASURES AROUND THE SITE. ANY PERIMETER EROSION CONTROL MEASURES THAT ARE DAMAGED SHALL BE REPAIRED TO CONTROL SEDIMENT LADEN RUNOFF FROM ENTERING ADJACENT PROPERTIES AND/OR STREAMS AND SWALES.
  - IN ANY AREAS WHERE SEDIMENT LADEN WATER IS BEING PUMPED FROM A LOCATION, THE PUMPED RUNOFF SHALL BE FILTERED THROUGH A "FILTER BAG" BEFORE BEING RELEASED.
  - THE CONTRACTOR SHALL KEEP MATERIALS AND EQUIPMENT ON-SITE TO KEEP DUST LEVELS AT A MINIMUM.
  - THE CONTRACTOR SHALL MAINTAIN THE EROSION AND SEDIMENT CONTROL MEASURES AS IDENTIFIED UNDER THE "MAINTENANCE" SECTION OF THIS DOCUMENT.
  - ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK (VA ESCH).
  - ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND DISTURBING ACTIVITIES AND DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS REACHED.
  - THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE LOCAL AUTHORITY.
  - THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RUNOFF PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES SHALL BE MADE IMMEDIATELY.

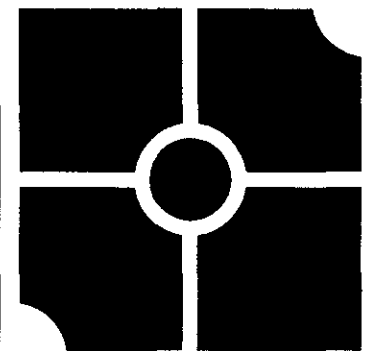
FIELD REVISION #1 AS OUTLINED (7/12/18):  
1. ADDED BORROW AREA.



**EROSION AND SEDIMENT CONTROL MEASURES:**

PROVIDE THE FOLLOWING:

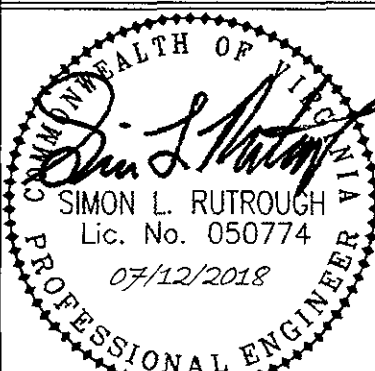
- (CE) CONSTRUCTION ENTRANCE MEETING VA ESCH STD. & SPEC. 3.02
- (SF) SILT FENCE MEETING VA ESCH STD. & SPEC. 3.05
- (DD) DIVERSION DIKE MEETING VA ESCH STD. & SPEC. 3.09
- (ST) SEDIMENT TRAP MEETING VA ESCH STD. & SPEC. 3.13
- (TS) TOPSOILING MEETING VA ESCH STD. & SPEC. 3.30
- (TS) TEMPORARY SEEDING MEETING VA ESCH STD. & SPEC. 3.31
- (DC) DUST CONTROL MEETING VA ESCH STD. & SPEC. 3.39



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**Warehouse Expansion  
for Blue Ridge Beverage**  
4446 Barley Drive  
Roanoke County, Virginia

REVISIONS:	
Address 1st Review Comments	12 February 2018
Field Revision #1: Borrow Site	02 July 2018
Address County Comments to Field	12 July 2018

DESIGNED BY: JLK  
DRAWN BY: JLK  
CHECKED BY: SLR

DATE:  
11 December 2017  
SHEET TITLE:  
BORROW SITE EX  
COND & INITIAL ESC  
SCALE:  
1" = 40'  
SHEET NO.

**C11**