

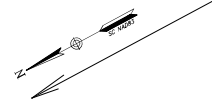
EARTHWORK QUANTITIES			
	DISTURBED AREA (SQ.FT.)	CUT (CU.YD.)	FILL (CU.YD.)
TOTAL	136,071.00	7,477.81	334.68

NET (CU.YD.) 7143.12

VALUE ADJUSTED BY CUT OR FILL FACTOR OTHER THAN 1.0

Pipe Table				
NAME	SIZE	LENGTH	SLOPE	MATERIAL
Pipe#101	12"	100.00'	0.25%	HDPE
Pipe#102	12"	100.00'	0.25%	HDPE
Pipe#103	12"	100.00'	0.25%	HDPE
Pipe#104	12"	100.00'	0.25%	HDPE
Pipe#105	12"	100.00'	0.25%	HDPE
Pipe#106	12"	100.00'	0.25%	HDPE
Pipe#107	12"	100.00'	0.25%	HDPE
Pipe#108	12"	100.00'	0.25%	HDPE
Pipe#109	12"	100.00'	0.25%	HDPE
Pipe#110	12"	100.00'	0.25%	HDPE
Pipe#111	12"	100.00'	0.25%	HDPE
Pipe#112	12"	100.00'	0.25%	HDPE
Pipe#113	12"	100.00'	0.25%	HDPE
Pipe#114	12"	100.00'	0.25%	HDPE
Pipe#115	12"	100.00'	0.25%	HDPE
Pipe#116	12"	100.00'	0.25%	HDPE
Pipe#117	12"	100.00'	0.25%	HDPE
Pipe#118	12"	100.00'	0.25%	HDPE
Pipe#119	12"	100.00'	0.25%	HDPE
Pipe#120	12"	100.00'	0.25%	HDPE

STRUCTURE TABLE				
STRUCTURE NAME	DESCRIPTION	DETAILS	PIPES IN	PIPES OUT
FLARED#1001	STORMTECH	18" x 120" x 120"	Pipe#106, 12" HDPE BY OUT #104	Pipe#101, 12" HDPE BY OUT #104
FLARED#1002	STORMTECH	18" x 120" x 120"	Pipe#107, 12" HDPE BY OUT #104	Pipe#102, 12" HDPE BY OUT #104
FLARED#1003	STORMTECH	18" x 120" x 120"	Pipe#108, 12" HDPE BY OUT #104	Pipe#103, 12" HDPE BY OUT #104
FLARED#1004	STORMTECH	18" x 120" x 120"	Pipe#109, 12" HDPE BY OUT #104	Pipe#104, 12" HDPE BY OUT #104
FLARED#1005	STORMTECH	18" x 120" x 120"	Pipe#110, 12" HDPE BY OUT #104	Pipe#105, 12" HDPE BY OUT #104
FLARED#1006	STORMTECH	18" x 120" x 120"	Pipe#111, 12" HDPE BY OUT #104	Pipe#106, 12" HDPE BY OUT #104
FLARED#1007	STORMTECH	18" x 120" x 120"	Pipe#112, 12" HDPE BY OUT #104	Pipe#107, 12" HDPE BY OUT #104
FLARED#1008	STORMTECH	18" x 120" x 120"	Pipe#113, 12" HDPE BY OUT #104	Pipe#108, 12" HDPE BY OUT #104
FLARED#1009	STORMTECH	18" x 120" x 120"	Pipe#114, 12" HDPE BY OUT #104	Pipe#109, 12" HDPE BY OUT #104
FLARED#1010	STORMTECH	18" x 120" x 120"	Pipe#115, 12" HDPE BY OUT #104	Pipe#110, 12" HDPE BY OUT #104
FLARED#1011	STORMTECH	18" x 120" x 120"	Pipe#116, 12" HDPE BY OUT #104	Pipe#111, 12" HDPE BY OUT #104
FLARED#1012	STORMTECH	18" x 120" x 120"	Pipe#117, 12" HDPE BY OUT #104	Pipe#112, 12" HDPE BY OUT #104
FLARED#1013	STORMTECH	18" x 120" x 120"	Pipe#118, 12" HDPE BY OUT #104	Pipe#113, 12" HDPE BY OUT #104
FLARED#1014	STORMTECH	18" x 120" x 120"	Pipe#119, 12" HDPE BY OUT #104	Pipe#114, 12" HDPE BY OUT #104
FLARED#1015	STORMTECH	18" x 120" x 120"	Pipe#120, 12" HDPE BY OUT #104	Pipe#115, 12" HDPE BY OUT #104
FLARED#1016	STORMTECH	18" x 120" x 120"	Pipe#101, 12" HDPE BY OUT #104	Pipe#116, 12" HDPE BY OUT #104
FLARED#1017	STORMTECH	18" x 120" x 120"	Pipe#102, 12" HDPE BY OUT #104	Pipe#117, 12" HDPE BY OUT #104
FLARED#1018	STORMTECH	18" x 120" x 120"	Pipe#103, 12" HDPE BY OUT #104	Pipe#118, 12" HDPE BY OUT #104
FLARED#1019	STORMTECH	18" x 120" x 120"	Pipe#104, 12" HDPE BY OUT #104	Pipe#119, 12" HDPE BY OUT #104
FLARED#1020	STORMTECH	18" x 120" x 120"	Pipe#105, 12" HDPE BY OUT #104	Pipe#120, 12" HDPE BY OUT #104
FLARED#1021	STORMTECH	18" x 120" x 120"	Pipe#106, 12" HDPE BY OUT #104	Pipe#101, 12" HDPE BY OUT #104
FLARED#1022	STORMTECH	18" x 120" x 120"	Pipe#107, 12" HDPE BY OUT #104	Pipe#102, 12" HDPE BY OUT #104
FLARED#1023	STORMTECH	18" x 120" x 120"	Pipe#108, 12" HDPE BY OUT #104	Pipe#103, 12" HDPE BY OUT #104
FLARED#1024	STORMTECH	18" x 120" x 120"	Pipe#109, 12" HDPE BY OUT #104	Pipe#104, 12" HDPE BY OUT #104
FLARED#1025	STORMTECH	18" x 120" x 120"	Pipe#110, 12" HDPE BY OUT #104	Pipe#105, 12" HDPE BY OUT #104
FLARED#1026	STORMTECH	18" x 120" x 120"	Pipe#111, 12" HDPE BY OUT #104	Pipe#106, 12" HDPE BY OUT #104
FLARED#1027	STORMTECH	18" x 120" x 120"	Pipe#112, 12" HDPE BY OUT #104	Pipe#107, 12" HDPE BY OUT #104
FLARED#1028	STORMTECH	18" x 120" x 120"	Pipe#113, 12" HDPE BY OUT #104	Pipe#108, 12" HDPE BY OUT #104
FLARED#1029	STORMTECH	18" x 120" x 120"	Pipe#114, 12" HDPE BY OUT #104	Pipe#109, 12" HDPE BY OUT #104
FLARED#1030	STORMTECH	18" x 120" x 120"	Pipe#115, 12" HDPE BY OUT #104	Pipe#110, 12" HDPE BY OUT #104
FLARED#1031	STORMTECH	18" x 120" x 120"	Pipe#116, 12" HDPE BY OUT #104	Pipe#111, 12" HDPE BY OUT #104
FLARED#1032	STORMTECH	18" x 120" x 120"	Pipe#117, 12" HDPE BY OUT #104	Pipe#112, 12" HDPE BY OUT #104
FLARED#1033	STORMTECH	18" x 120" x 120"	Pipe#118, 12" HDPE BY OUT #104	Pipe#113, 12" HDPE BY OUT #104
FLARED#1034	STORMTECH	18" x 120" x 120"	Pipe#119, 12" HDPE BY OUT #104	Pipe#114, 12" HDPE BY OUT #104
FLARED#1035	STORMTECH	18" x 120" x 120"	Pipe#120, 12" HDPE BY OUT #104	Pipe#115, 12" HDPE BY OUT #104
FLARED#1036	STORMTECH	18" x 120" x 120"	Pipe#101, 12" HDPE BY OUT #104	Pipe#116, 12" HDPE BY OUT #104
FLARED#1037	STORMTECH	18" x 120" x 120"	Pipe#102, 12" HDPE BY OUT #104	Pipe#117, 12" HDPE BY OUT #104
FLARED#1038	STORMTECH	18" x 120" x 120"	Pipe#103, 12" HDPE BY OUT #104	Pipe#118, 12" HDPE BY OUT #104
FLARED#1039	STORMTECH	18" x 120" x 120"	Pipe#104, 12" HDPE BY OUT #104	Pipe#119, 12" HDPE BY OUT #104
FLARED#1040	STORMTECH	18" x 120" x 120"	Pipe#105, 12" HDPE BY OUT #104	Pipe#120, 12" HDPE BY OUT #104



TRACT "C"
PROPERTY OF
BERKELEY COUNTY
AGRICULTURAL
EXPOSITION
200,012.91 sq.ft.
4.592 acres
TMS 143-09-00-004

LEGEND

- REAR SET AS DESCRIBED
- R-O-W RIGHT-OF-WAY
- CENTERLINE OF ROAD
- SMH SANITARY SEWER MANHOLE
- UTILITY POLE
- TREES
- BUILDING FOOTPRINT
- (E) ASPHALT
- (I) ASPHALT
- PROPERTY LINE
- FIRE HYDRANT
- OVERHEAD POWER LINE
- EXISTING CONTOURS
- PROPOSED CONTOURS
- APPROXIMATE WETLANDS 4-1.2-2AC
- WETLAND TRIBUTARY 4-316 LF
- LANDSCAPE AREAS

CONSTRUCTION NOTES

1. DETECTABLE WARNING AT SIDE WALK CURB RAMP TO MEET ADA STANDARDS PER SCOOT TYPICAL DETAILS
2. SAW CUT AND REMOVE EXISTING ASPHALT 18 INCHES MINIMUM FROM FACE OF AC CURB AND AT LEAST 6 INCHES INTO COMPETENT STRUCTURAL SECTION. CONTRACTOR IS RESPONSIBLE FOR PROPER DISPOSAL. SEE DETAIL A51-109
3. MATCH (E) CONTRACTOR TO VERIFY MATCH LOCATION AND ELEVATION PRIOR TO CONSTRUCTION. CONTACT ENGINEER OF RECORD IF DISCREPANCIES ARE
4. CONSTRUCT ASPHALTIC DRIVEWAY PAVEMENT PER DETAIL UC1-09 IN ACCORDANCE WITH SCOOT DRIVEWAY PROFILE ON C1-09
5. INSTALL STORMTECH MC-200 CHAMBERS, OR APPROVED EQUAL, PER MANUFACTURER'S RECOMMENDATIONS. INSTALL AT A MINIMUM 10,000.00 CUBIC FEET OF STORAGE. PROVIDE 4 ROWS OF (8) CHAMBERS. (2) END CAPS. 12" STONE BELOW AND 12" STONE ABOVE.
6. INSTALL STORMTECH MC-200 CHAMBERS, OR APPROVED EQUAL, PER MANUFACTURER'S RECOMMENDATIONS. INSTALL AT A MINIMUM 8,415.00 CUBIC FEET OF STORAGE. PROVIDE 4 ROWS OF (7) CHAMBERS. (2) END CAPS. 12" STONE BELOW AND 12" STONE ABOVE.
7. 24" x 24" WHITE STOP BAR 4-20" FROM CROSSWALK
8. 4.35 FOOT LONG MINIMUM 8" DOUBLE YELLOW DOUBLE STRIPE.
9. ALL DIRECTIONAL STRIPING MUST BE THERMOPLASTIC PER SCOOT STANDARDS
10. INSTALL 8-1/2" (3P x 3P) STOP SIGN
11. INSTALL 9" WIDE CURB INLET CATCH BASIN PER DETAIL UC1-09
12. INSTALL PIPE IN TRENCH PER DETAIL KAC1-20
13. CONSTRUCT CURB TYPE F PER DETAIL EC1-10

REVIEW SET

GRADING & DRAINAGE PLAN

SCALE: 1" = 30'-0"

PROFESSIONAL SEAL

DATE:	
REVISION:	

PROJECT TITLE:
SELF STORAGE FACILITY

PROJECT ADDRESS:
350 REMBER C DENNIS BLVD, MONCK'S CORNER, SC

SHEET TITLE:
GRADING & DRAINAGE PLAN

E.O.R.: BARRETT CROOK (SC LIC. 21786)

DRAWN BY:

SHEET NUMBER
C1.08