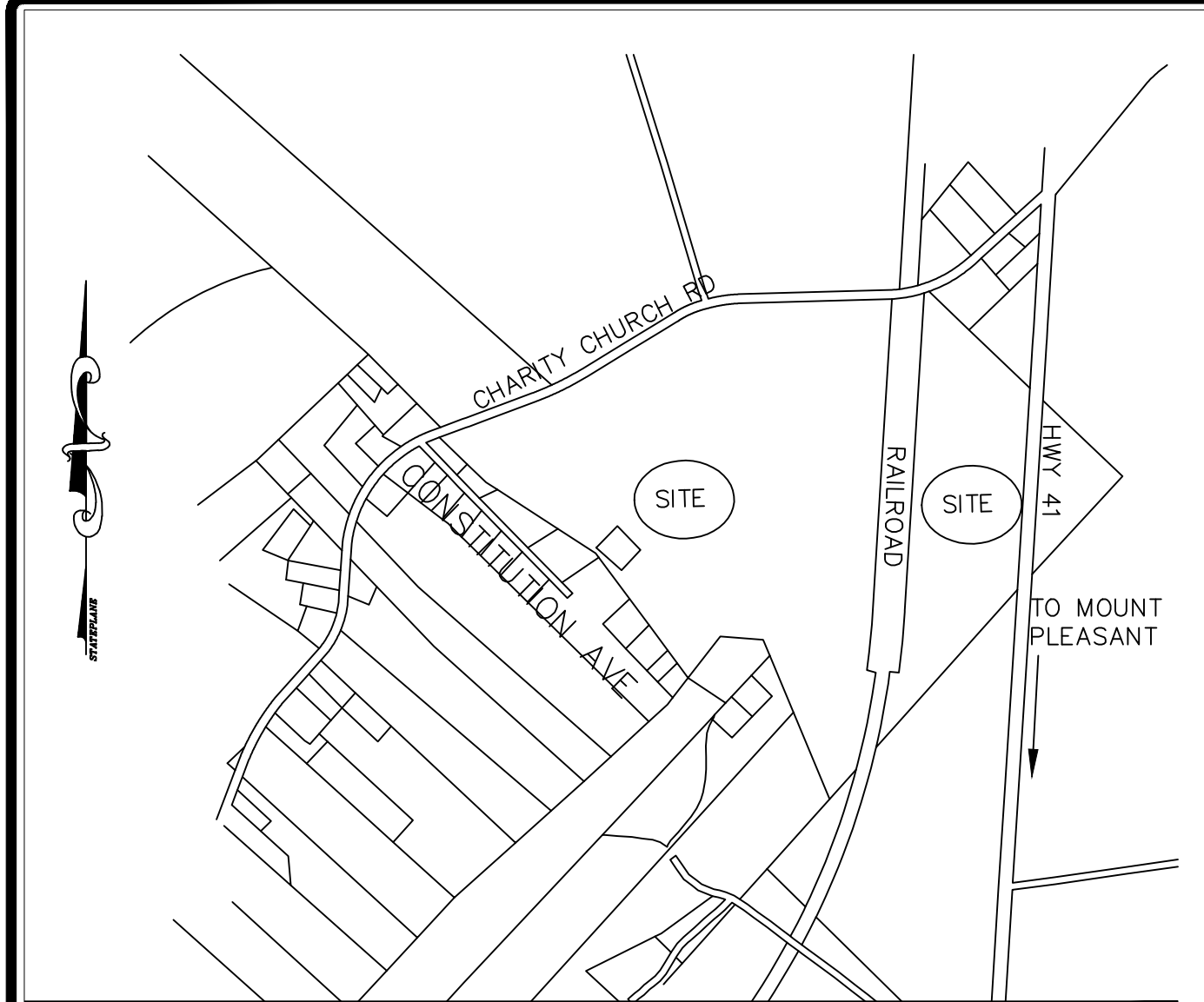


THE DRAWINGS AND DESIGN THEREON ARE THE PROPERTY OF LOW COUNTRY LAND DEVELOPMENT CONSULTANTS AND MAY NOT BE USED IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT OF THE ENGINEER AND ANY INFRINGEMENT WILL BE SUBJECT TO LEGAL ACTION



LOCATION MAP NOT TO SCALE
LOCATION MAP

ZONING INFORMATION:

1. THE CURRENT ZONING IS "FLEX 1" FOR TMS 248-00-03-065, 109 & 114 IN BERKELEY COUNTY.
2. SITE TBM IS A MAG NAIL IN THE ASPHALT. THE VERTICAL DATUM IS NGVD 29.

GENERAL NOTES:

1. IT IS THE INTENT OF THESE PLANS TO ADHERE TO THE BERKELEY COUNTY PLANNING AND ZONING ORDINANCES AND ROAD CODES.
2. THE GENERAL INTENT OF THE PROJECT IS TO MINE A SAND PIT, AND THE APPURTENANT SEDIMENT TRAP, HAUL ROAD AND STORM DRAINAGE TO SUPPORT SAID DEVELOPMENT.
3. THE PROJECT WILL HAVE ONE ENTRANCE/EXIT OFF OF SC HWY 41.
4. ONCE THE SEDIMENT CONTROL DEVICES ARE IN PLACE THE SEDIMENT TRAP AND ITS DISCHARGE PIPE WILL BE INSTALLED. ONCE THESE ITEMS HAVE BEEN CONSTRUCTED THE MINING OPERATION CAN BEGIN AND THE OWNER OR THE OPERATOR WILL BE RESPONSIBLE FOR THE CONTINUED MAINTENANCE OF THE SEDIMENT CONTROL DEVICES IN ACCORDANCE WITH EROSION CONTROL AND SEDIMENT CONTROL PRACTICES AS MANDATED BY BERKELEY COUNTY PUBLIC WORKS AND THE SCDHEC-OFFICE OF COASTAL AND RESOURCE MANAGEMENT.
5. CONTRACTOR IS TO REFER TO THE MOST CURRENT EDITION OF THE SCDOT STANDARD DRAWINGS TO VERIFY CONSTRUCTION SPECIFICATIONS AND DIMENSIONS OF THE PORTION OF THE ENTRANCE ROAD WITHIN THE SCDOT RIGHT OF WAY.
6. ANY FIELD CHANGES WITHIN SCDOT RIGHT OF WAY (OR CHANGES THAT WOULD IMPACT THE SCDOT RIGHT OF WAY) WILL REQUIRE WRITTEN SCDOT APPROVAL PRIOR TO CHANGES BEING IMPLEMENTED IN THE FIELD.
7. FOR ALL WORK PERFORMED INSIDE THE SCDOT RIGHT OF WAY, CONTRACTOR IS TO REFER TO DETAILS FOR SAME.
8. PERMANENT MAINTENANCE COVENANTS AND AS-BUILT DRAWINGS FOR MINING FACILITIES IN ACCORDANCE WITH THE MS-4 SPECIFICATIONS NEED TO BE RECEIVED AND ACCEPTED BEFORE THE NOT OF THE CGP.

EROSION CONTROL NOTES:

1. IF NECESSARY, SLOPES THAT EXCEED EIGHT (8) VERTICAL FEET SHALL BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.
2. STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW:
 - WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.
 - WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
3. ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED EVERY SEVEN (7) DAYS. IF SITE INSPECTIONS IDENTIFY BMPs THAT ARE DAMAGED OR ARE NOT OPERATING EFFECTIVELY, MAINTENANCE MUST BE PERFORMED AS SOON AS PRACTICAL OR AS REASONABLY POSSIBLE AND BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE.
4. PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED, AND STABILIZED IMMEDIATELY AFTER THE UTILITY INSTALLATION, FILL, COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHALL BE FILTERED TO REMOVE ANY SEDIMENTS BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.
5. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS FULLY STABILIZED.
6. THE CONTRACTOR SHALL TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAY(S) FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
7. RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURES FOR INFRASTRUCTURE AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTION. INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING CONSTRUCTION OR OBTAIN APPROVAL OF AN INDIVIDUAL PLAN IN ACCORDANCE WITH S.C. REG. 72-300 ET SEQ. AND SGR10000.
8. TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
9. ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, SHALL BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE SHALL BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CANNOT BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10-FOOT BUFFER SHALL BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.
10. LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORMWATER SHALL BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORMWATER DISCHARGES.
11. PROVIDE WRITTEN PROOF THAT ALL OFF-SITE EASEMENTS HAVE BEEN OBTAINED.

MINE NOTES:

1. THE MINE SITE WILL BE IN OPERATION FOR UP TO 7 YEARS INCLUDING THE RECLAMATION PORTION OF THE PERMIT.
2. THE MINE OPERATOR SHALL PERIODICALLY WET DOWN MINE ACCESS ROAD TO CONTROL THE AIRBORNE MIGRATION OF SOILS WITHIN THE SITE AS WELL AS OUT SIDE OF THE SITE CAUSED BY MINING ACTIVITIES AND/OR PROVIDE A STABILIZED ROADWAY. THE OPERATOR SHALL SET A SPEED LIMIT NOT TO EXCEED 10 MPH WITHIN THE SITE TO HELP CONTROL DUST MIGRATION.
3. SCDHEC MINING RECLAMATION AND OPERATION REGULATIONS MUST BE OBSERVED AT ALL TIMES.
4. MINING OPERATIONS MUST COMPLY WITH BERKELEY COUNTY NOISE ORDINANCE AND FOR SITES LOCATED WITHIN THE MS-4 AREA THE BERKELEY COUNTY STORMWATER MANAGEMENT ORDINANCE.
5. TRUCKS WILL BE ENTERING AND EXITING THE PIT FROM SC HWY 41 AT THE TRAIN TRACK NEAR THE INTERSECTION OF CHARITY CHURCH ROAD AND HWY 41. THERE IS NO THRU TRAFFIC ALLOWED (PLEASE SEE SIGN).

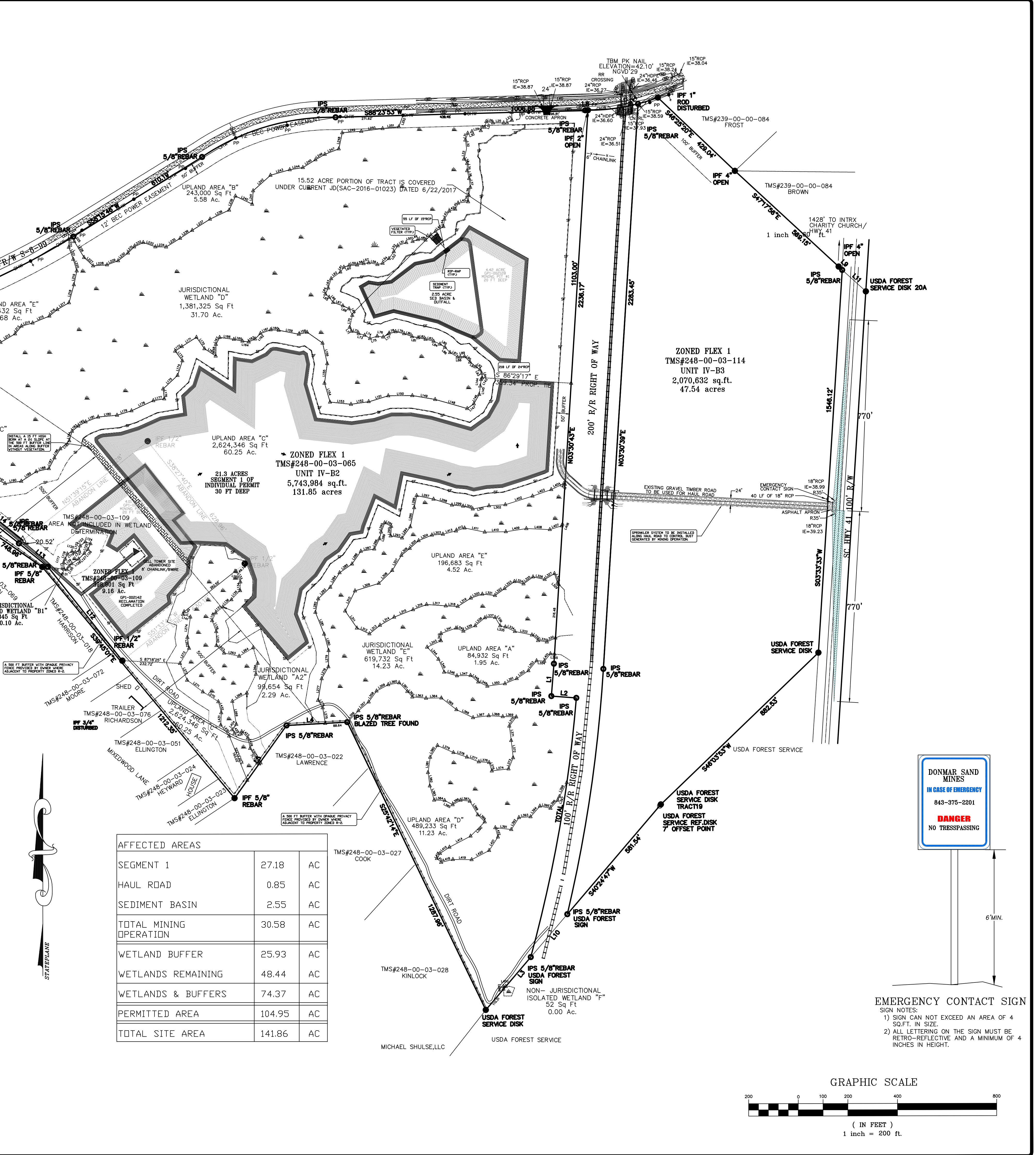
UTILITY LOCATE NOTES:

1. THE CONTRACTOR SHALL CALL 811 FOR A UTILITY LOCATE A MINIMUM OF 72 HOURS PRIOR TO BEGINNING ANY CLEARING AND/OR LAND DISTURBANCE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE THE UTILITIES LOCATED AND MAINTAIN THE LOCATE TICKET UNTIL ALL WORK HAS SUSPENDED ON SITE. UTILITIES SHOWN ON THE PLAN ARE FOR INFORMATION ONLY AND REPRESENT WHAT WAS LOCATED AT THE TIME OF THE SURVEY.



ALL ITEMS IN SECTION 100 OF THE CURRENT ARMS MANUAL FOR BOTH CONSTRUCTION AND POST-CONSTRUCTION DESIGN HAVE BEEN STUDIED AND ADDRESSED. ALL NECESSARY BMP'S HAVE BEEN IMPLEMENTED FOR BOTH PHASES (CONSTRUCTION AND POST-CONSTRUCTION) TO AVOID NEGATIVELY IMPACTING PAIRED WATERS OF THE SCDOT SYSTEM AND/OR ITS DISCHARGES.

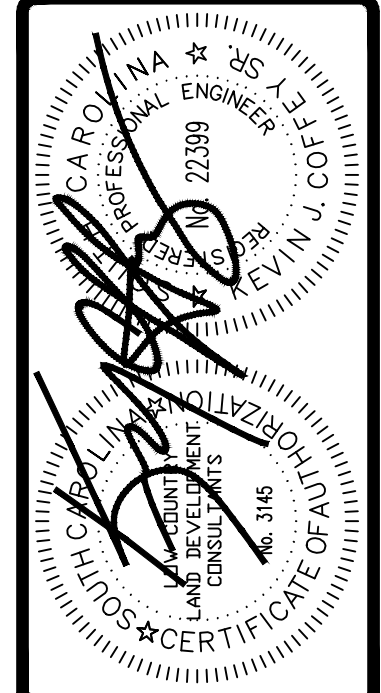
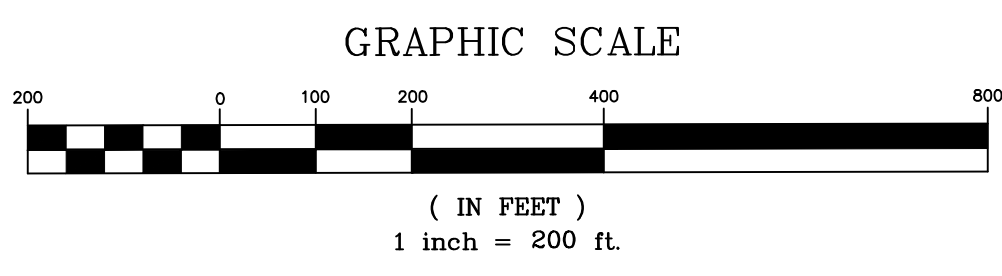
KEVIN J. COFFEY SC #22399



AFFECTED AREAS	
SEGMENT 1	27.18 AC
HAUL ROAD	0.85 AC
SEDIMENT BASIN	2.55 AC
TOTAL MINING OPERATION	30.58 AC
WETLAND BUFFER	25.93 AC
WETLANDS REMAINING	48.44 AC
WETLANDS & BUFFERS	74.37 AC
PERMITTED AREA	104.95 AC
TOTAL SITE AREA	141.86 AC



EMERGENCY CONTACT SIGN
SIGN NOTES:
1) SIGN CAN NOT EXCEED AN AREA OF 4 SQ.FT. IN SIZE
2) ALL LETTERING ON THE SIGN MUST BE RETRO-REFLECTIVE AND A MINIMUM OF 4 INCHES IN HEIGHT.



Lowcountry
LAND DEVELOPMENT CONSULTANTS
CIVIL ENGINEERS ★ PLANNERS ★ SURVEYORS ★ SCIENTISTS

100 UNIVERSITY LANE
DEPARTMENT CONSULTANTS
3030 ASHLEY TOWN CENTER DR.
CHARLESTON, SOUTH CAROLINA 29414
(843) 566-3906 (843) 566-3909 FAX
WWW.LOWCOUNTRYLDC.COM

BLESSING INVESTMENTS, LLC
1023 CLEMENTS FERRY ROAD
CHARLESTON, SC 29402

DONMAR SAND MINE
INDIVIDUAL PERMIT

DONMAR SAND MINES
CHARITY CHURCH RD.
BERKELEY COUNTY
TMS 248-00-03-065, 109
& A PORTION OF 114

CIVIL

REVISIONS MADE TO REMOVE A PORTION OF WETLAND "D" TO BE FILLED.

NO.	DATE	BY	DESCRIPTION
1	04/27/20	KJC	17-145
2	09/18/2018	KJC	17-145

SCALE: 1"=200'

SHT-NO
SHEET 1 OF 3