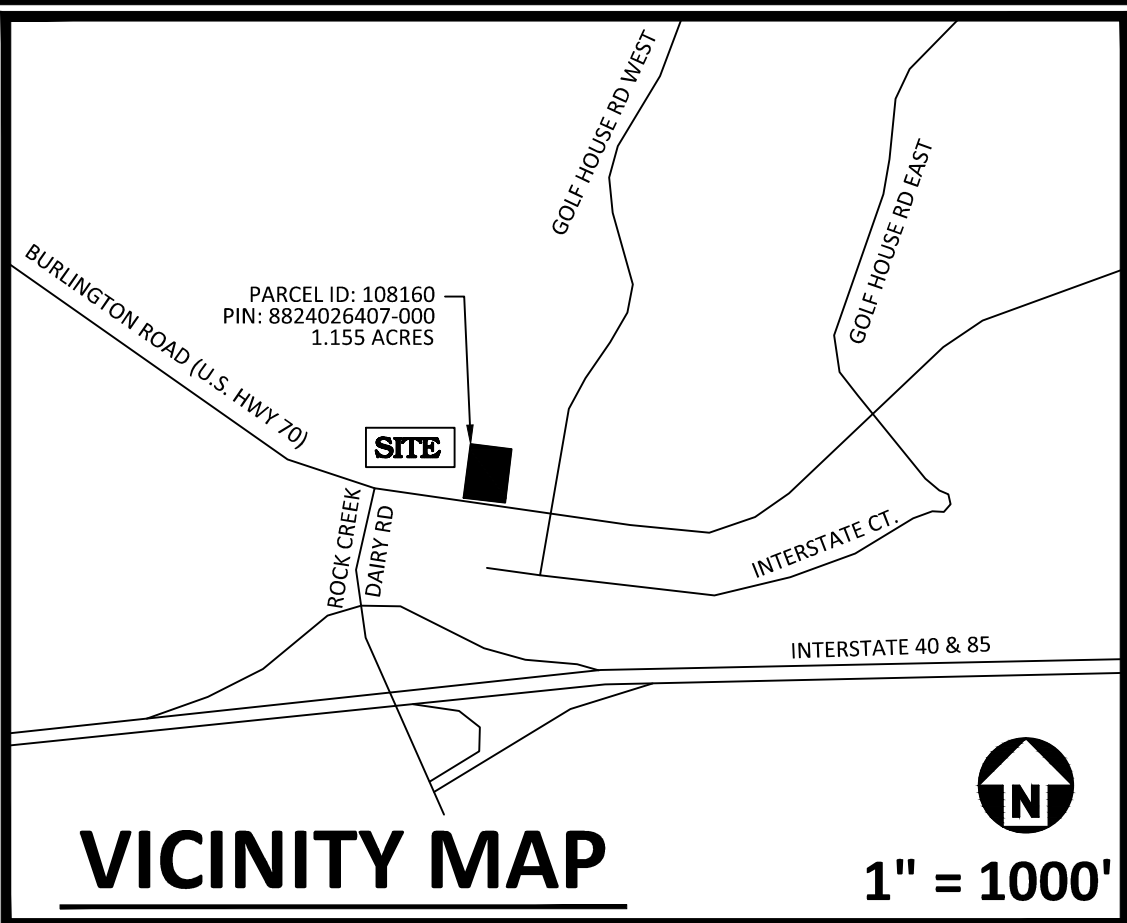
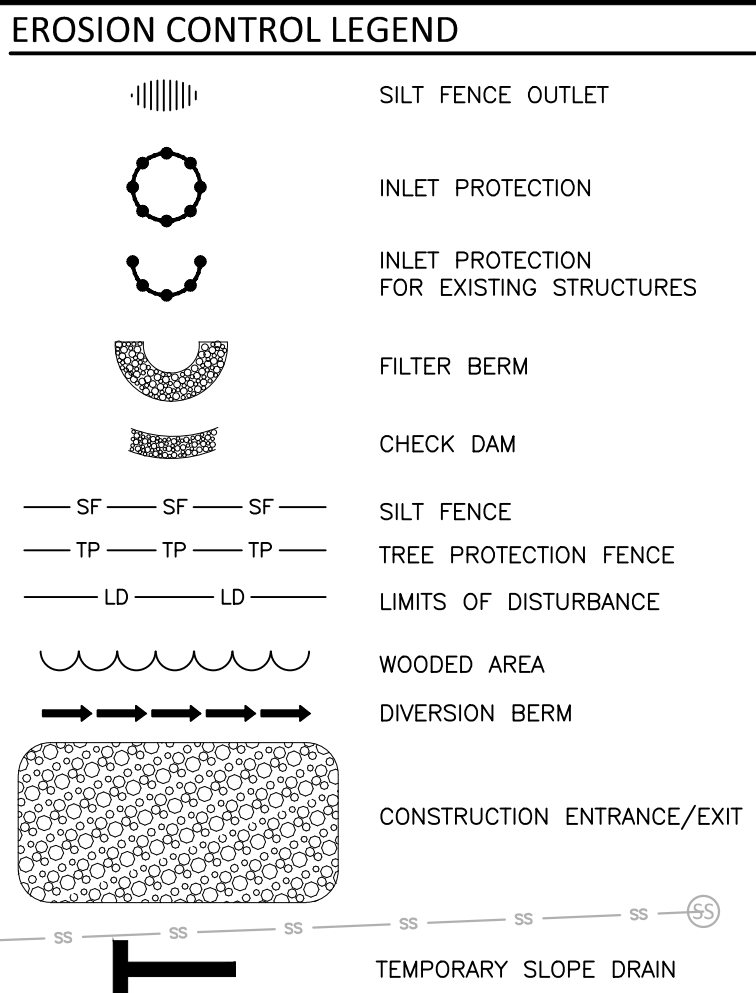
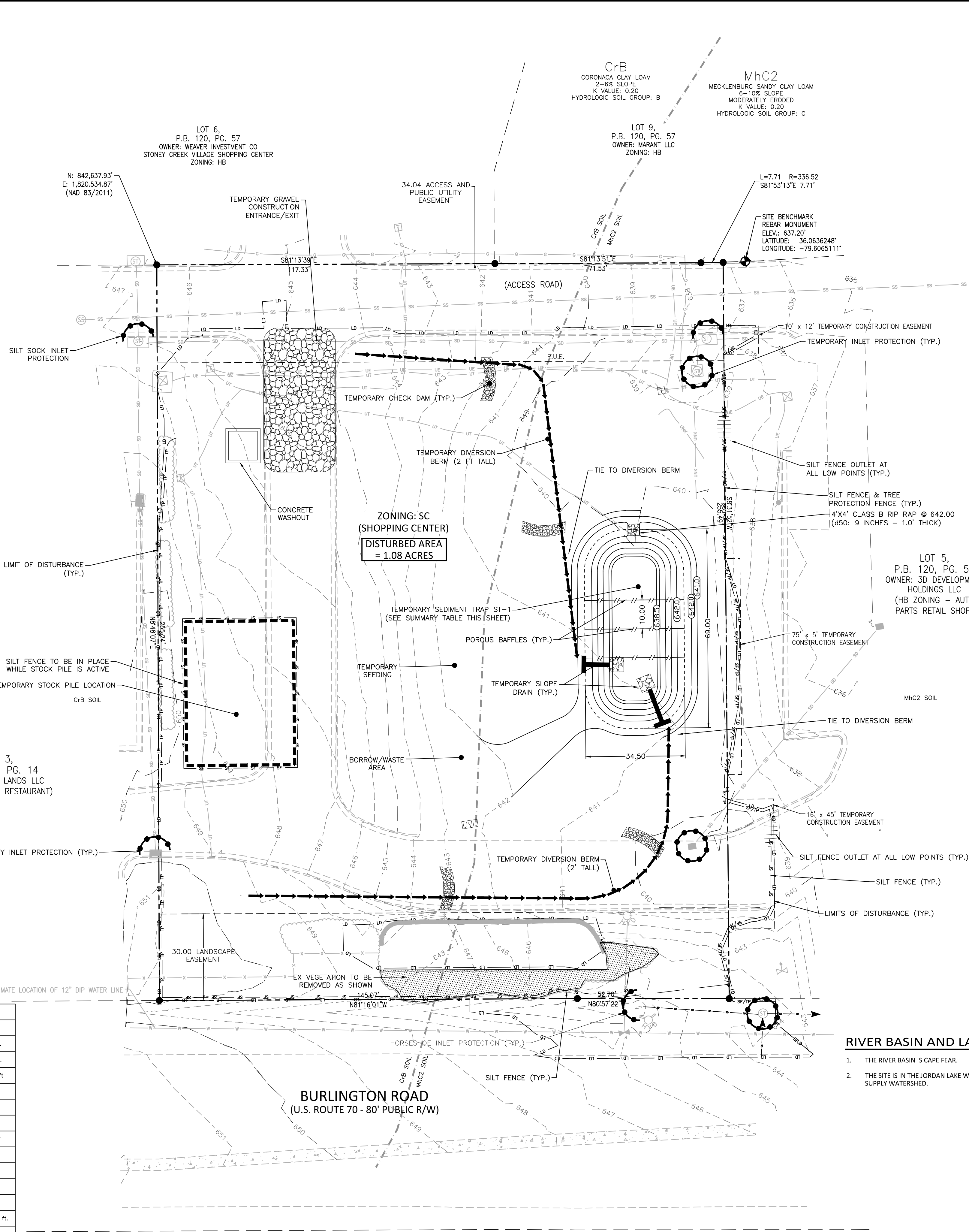


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TEMPORARY SKIMMER BASIN/TRAP DESIGN TABLE	
SEDIMENT TRAP ID	ST-1
Drainage Area (AC.)	0.71 ac.
Disturbed Area (AC.)	0.67 ac.
Bottom Elevation	638.50 ft
Sediment Depth	3.5 ft
Freeboard (from Sediment Depth)	1.0 ft
Depth to Crest of Emergency Spillway	2.0 ft
Side Slopes	2.0H:1V
Spillway Length	5.00 ft
Height of Berm	2.0 ft
Top of Basin Length	69.0 ft
Top of Basin Width	34.5 ft
Storage Volume Required (3600cf/disturbed acre)	2,412 cu. ft.
Storage Volume Prov'd.	4,948 cu. ft.
Sediment Surface Area Req'd (435 sf per cfs of Q10 peak flow)	2,062 sq. ft. (4.74 cfs)
Sediment Surface Area Prov'd	2,200 sq. ft.
1. Side slopes pertain only for the vertical height from the base to the top of berm, 2H:1V above that.	
2. See details on silt fence baffle spacing.	



- EROSION CONTROL NOTES**
- GRADING AND EROSION CONTROL METHODS SHALL ADHERE TO THE NORTH CAROLINA DEPARTMENT OF NATURAL RESOURCES DIVISION OF WATER QUALITY (DWQ) STANDARDS AND SPECIFICATIONS.
 - FAILURE TO FOLLOW THE APPROVED PLAN SEQUENCE AND DETAILS COULD SUBJECT THE CONTRACTOR TO FINES AND PENALTIES ISSUED BY EITHER THE CITY OF WHITSETT EROSION CONTROL DEPARTMENT OR THE DWQ.
 - CONTRACTOR SHALL SEED AND STABILIZE ALL STEEP SLOPES (STEEPER THAN 3H:1V OR GREATER THAN 50 FT IN LENGTH) WITHIN 7 DAYS, 14 DAYS FOR MODERATE SLOPES (3H:1V OR FLATTER).
 - FOR ANY LAND-DISTURBING ACTIVITY WHERE GRADING ACTIVITIES HAVE BEEN COMPLETED, TEMPORARY OR PERMANENT GROUND COVER SUFFICIENT TO RESTRAIN EROSION SHALL BE PROVIDED AS SOON AS PRACTICAL, BUT IN NO CASE LATER THAN SEVEN (7) DAYS AFTER COMPLETING THE WORK. STABILIZATION IS THE BEST FORM OF EROSION CONTROL. TEMPORARY SEEDING IS NECESSARY TO ACHIEVE EROSION CONTROL ON LARGE DENUDEED AREAS AND ESPECIALLY WHEN SPECIFICALLY REQUIRED AS PART OF THE CONSTRUCTION SEQUENCE ON THE PLAN.
 - NO DEBRIS SHALL BE TRACKED ONTO PUBLIC RIGHT OF WAY. IF THE SITUATION OCCURS WHERE MUD, ROCK AND DEBRIS IS TRACKED ONTO PAVEMENT, THE CONTRACTOR SHALL CLEAN THE PAVEMENT AND INSTALL ADDITIONAL MEASURES TO PREVENT THE FUTURE OCCURRENCE.
 - THE EROSION CONTROL INSPECTOR MAY REQUIRE ADDITIONAL FIELD MEASURES AS NECESSARY TO PROVIDE ADEQUATE PROTECTION FROM RECEIVING WATER COURSES.
 - EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSTALLED AND INSPECTED PRIOR TO ANY GRADING ON SITE. THE CONTRACTOR SHALL CALL FOR AN INSPECTION BY THE CITY OF WHITSETT SEDIMENTATION AND EROSION CONTROL (SEC) ONCE INITIAL MEASURES ARE IN PLACE. (SEE CONSTRUCTION SEQUENCES)
 - CONTRACTOR SHALL INSPECT ALL SEDIMENT /EROSION CONTROL DEVICES AFTER EACH STORM EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE HALF THE CAPACITY OF THE DEVICE.
 - A COPY OF THE APPROVED EROSION CONTROL PLAN MUST BE ON FILE AT THE JOB SITE AT ALL TIMES.
 - CONSTRUCTION, MAINTENANCE, AND REMOVAL OF ALL EROSION CONTROL DEVICES ARE THE RESPONSIBILITY OF THE GRADING CONTRACTOR UNLESS OTHERWISE NOTED.
 - ANY GRADING BEYOND THE DENUDEED LIMITS SHOWN ON THE PLAN IS A VIOLATION OF THE COUNTY EROSION CONTROL ORDINANCE AND IS SUBJECT TO A FINE.
 - ADDITIONAL MEASURES TO CONTROL EROSION AND SEDIMENT MAY BE REQUIRED BY A REPRESENTATIVE OF THE COUNTY ENGINEERING DEPARTMENT AND ARE THE RESPONSIBILITY OF THE CONTRACTOR.
 - PROTECTION OF EXISTING VEGETATION: AT THE START OF GRADING INVOLVING THE STRIPPING OF TOPSOIL OR LOWERING OF EXISTING GRADE AROUND A TREE, A CLEAN, SHARP, VERTICAL CUT SHALL BE MADE AT THE EDGE OF THE TREE SAVE AREA AT THE SAME TIME AS OTHER EROSION CONTROL MEASURES ARE INSTALLED. THE TREE PROTECTION FENCING SHALL BE INSTALLED ON THE SIDE OF THE CUT FARTHEST AWAY FROM THE TREE TRUNK AND SHALL REMAIN IN PLACE UNTIL ALL CONSTRUCTION IN THE VICINITY OF THE TREES IS COMPLETE. NO STORAGE OF MATERIALS, FILL, OR EQUIPMENT AND NO TRESPASSING SHALL BE ALLOWED WITHIN THE BOUNDARY OF THE PROTECTED AREA AND SHALL BE POSTED ON THE PROTECTION FENCE. A PROTECTION FENCE CONSTRUCTED OF MATERIAL RESISTANT TO DEGRADATION BY SUN, WIND, AND MOISTURE FOR THE DURATION OF THE CONSTRUCTION, SHALL BE INSTALLED AT THE SAME TIME AS THE EROSION CONTROL MEASURES AND SHALL BE IN PLACE UNTIL ALL CONSTRUCTION IN THE VICINITY OF THE TREES IS COMPLETE.
 - A CONSTRUCTION SEQUENCE HAS BEEN PROVIDED. INSTALLATION OF ALL PROPOSED SEDIMENTATION & EROSION CONTROL MEASURES IN THE SEQUENCES PROVIDED AND MAINTENANCE OF THOSE DEVICES IS REQUIRED. THE CONTRACTOR MAY BE ALLOWED, WITH PRIOR APPROVAL FROM THE OWNER, TO COORDINATE CHANGES TO THE PLAN WITH THE ON-SITE SEDIMENTATION & EROSION CONTROL INSPECTOR AND THE ENGINEER.
 - PROVIDE INLET PROTECTION AROUND ALL SITE STORM INLETS. PROTECT OPEN PIPES UNDER CONSTRUCTION WITH EITHER PLYWOOD OR WITH MESH AND GRAVEL WEIRS. RUNOFF SHALL NOT BE ALLOWED IN ANY OPEN TRENCH.
 - CONTRACTOR WILL FIELD LOCATE SILT FENCE OUTLETS AT LOW POINTS IN SILT FENCE AS REQUIRED TO PROVIDE RELIEF FROM CONCENTRATED FLOWS.
 - ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR ANY WORK DONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
 - DISTURBANCE OUTSIDE OF THE SITE PROPERTY LIMITS OR PUBLIC RIGHT-OF-WAY SHALL ONLY BE AS ALLOWED BY SIGNED GRADING AGREEMENTS AND/OR EASEMENTS BETWEEN THE DEVELOPER AND THE OFFSITE PROPERTY OWNER.
 - THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN SAFE OPEN ACCESS TO ALL PROPERTIES ALONG ADJACENT PROPERTIES DURING CONSTRUCTION PERIOD FOR IMPROVEMENTS.
 - SITE HAS ALREADY BEEN MASS GRADED AND CLEARED. THEREFORE NO ADDITIONAL CLEARING AND GRUBBING PLAN IS NEEDED.

- STAGE 1 SPECIFIC SEQUENCE**
- SCHEDULE A PRE-CONSTRUCTION MEETING WITH GUILFORD COUNTY.
 - OBTAIN AN APPROVED (STAMPED) S&E CONTROL PLAN AND KEEP IT ON SITE, EITHER IN THE INSPECTION BOX, CONSTRUCTION OFFICE OR WITH THE CONTRACTOR
 - INSTALL TREE PROTECTION FENCING ACCORDING TO THE APPROVED EROSION CONTROL PLAN. CALL GUILFORD COUNTY EROSION CONTROL FOR INSPECTION AND OBTAIN PERMIT.
 - INSTALL CONSTRUCTION ENTRANCE, SILT FENCING, SILT FENCE OUTLETS AND INLET PROTECTION AS SHOWN ON APPROVED STAGE 1 EROSION CONTROL PLAN. GRADE ONLY AS NECESSARY TO INSTALL THESE DEVICES. INSTALL SILT FENCE OUTLETS AT LOW POINTS IN THE SILT FENCING AS NEEDED TO PREVENT BLOWOUTS.
 - STABILIZE ALL DISTURBED AREAS AND OTHER CRITICAL EROSION CONTROL AREAS IMMEDIATELY UPON INSTALLATION.
 - NOTIFY GUILFORD COUNTY S&E SITE INSPECTOR AFTER MEASURES HAVE BEEN INSTALLED AND PROJECT HAS STARTED.
 - ONCE APPROVED, BEGIN CLEARING AND GRADING REMAINDER OF THE SITE. MAINTAIN EROSION CONTROL DEVICES AS NEEDED.
 - STABILIZE GRADED AREAS AS THEY ARE CLEARED. TEMPORARILY SEED AND MULCH DENUDEED AREAS. ONCE FINAL GRADE HAS BEEN ACHIEVED, PAVE OR PERMANENTLY SEED ALL AREAS AND SLOPES PER NC DENR'S EROSION SEDIMENT CONTROL PLANNING AND DESIGN MANUAL VERSION 6/06, SECTION 6.10 AND 6.11.
 - MAINTAIN EROSION CONTROL MEASURES WEEKLY AND AFTER EACH RAIN EVENT THROUGHOUT CONSTRUCTION.
 - FOR ANY LAND-DISTURBING ACTIVITY WHERE GRADING ACTIVITIES HAVE BEEN COMPLETED, TEMPORARY OR PERMANENT GROUND COVER SUFFICIENT TO RESTRAIN EROSION SHALL BE PROVIDED AS SOON AS PRACTICAL, BUT IN NO CASE LATER THAN SEVEN (7) DAYS AFTER COMPLETING THE WORK. STABILIZATION IS THE BEST FORM OF EROSION CONTROL. TEMPORARY SEEDING IS NECESSARY TO ACHIEVE EROSION CONTROL ON LARGE DENUDEED AREAS AND ESPECIALLY WHEN SPECIFICALLY REQUIRED AS PART OF THE CONSTRUCTION SEQUENCE ON THE PLAN.
 - WITH APPROVAL FROM GUILFORD COUNTY CONTINUE TO STAGE 2

RECEIVING WATERS

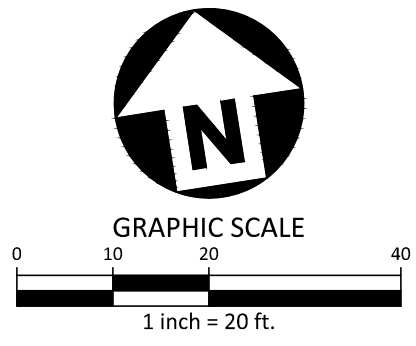
THE SITE DRAINS THROUGH A SERIES OF EXISTING UNDERGROUND PIPES TO A WET DETENTION POND LOCATED APPROXIMATELY 700 FEET NORTH OF THE SITE. (SEE PLAT BOOK 120 - PAGE 57 FOR DETAILS)

THE WET POND WILL DRAIN TO ROCK CREEK AND THEN LAKE MCKINTOSH.

THE PROPOSED BUILT UP AREA (BUA) FOR THE SITE IS LESS THAN THE MAXIMUM BUA SHOWN ON PLAT BOOK 158 PAGE 14. (SEE COVER SHEET FOR DETAILS)



ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CURRENT GUILFORD COUNTY ENGINEERING DESIGN AND CONSTRUCTION STANDARDS



FINAL DRAWING - RELEASED FOR CONSTRUCTION

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CAPITAL GROWTH BUCHALTER

STARBUCKS - BURLINGTON RD
MINOR SITE PLAN SUBMITTAL
6405 BURLINGTON ROAD
WHITSETT, NORTH CAROLINA 27377



REVISIONS

NO.	DATE	DESCRIPTION
1	08.10.2021	REVISED PER STARBUCKS & COUNTY COMMENTS
2	10.27.2021	REVISED PER COUNTY COMMENTS
3	11.19.2021	REVISED PER NCDOT COMMENTS
4	03.22.2022	REVISED PER NCDOT COMMENTS
5	-	-
6	-	-

PLAN INFORMATION

PROJECT NO. CGB-20050
FILENAME CGB20050X-EC
CHECKED BY LAW
DRAWN BY LAM
SCALE 1" = 20'
DATE 03.25.2021

SHEET

EROSION CONTROL PLAN - STAGE 1

C6.00