

SITE DATA:
 DEVELOPER: ALLISON'S ADVENTURES, LLC
 PARCEL ID: 07510075
 AREA: 1.08 ACRES
 DISTURBED AREA: 0.65 ACRES

ZONING:
 EXISTING ZONING: R-7
 PROPOSED ZONING: B-2
 DEVELOPMENT STANDARDS: CITY OF GRAHAM
 STREET SETBACK: 40'
 SIDE SETBACK: N/A
 REAR SETBACK: N/A
 MAXIMUM HEIGHT: N/A

WATERSHED DATA:
 WATERSHED: COUNTY HOME BRANCH (STILL HOUSE BRANCH)
 WATERSHED CLASSIFICATION: WS-V, NSW
 RIVER BASIN: CAPE FEAR
 STREAM INDEX: 16-17-1
 SOIL TYPES: Uf, E062
 AVG. SLOPE: 5%

LANDSCAPE YARD REQUIREMENTS:
 PROPOSED LAND USE CLASSIFICATION: 4
 ADJACENT PROPERTY LAND USE CLASSIFICATION: 3
 STREET YARD: 8'
 SIDE & REAR YARD: 20' TYPE C (10' W/ OPAQUE FENCE)

PARKING REQUIREMENTS:
 PROPOSED USE: VEHICLE ACCESSORIES/REPAIR/WASH
 REQUIRED: 1 800 S.F. X 18' SPACES / 200 S.F. SPA + 9 SPACES
 PROVIDED: 12 TOTAL SPACES (1 HANDICAP)

Civil Engineers and Land Surveyors
 8518 Triad Drive, Colfax, NC 27235
 (336) 852-9797
 www.feiconsulting.com
 License No. C-0950

STRICKLAND BROTHER'S 10 MINUTE OIL CHANGE
EROSION CONTROL - STAGE 1

OWNER INFORMATION:
 GEMCAP DEVELOPMENT, LLC
 418 N MARSHALL STREET, SUITE 801
 WING POINT, NC 27161

PROJECT LOCATION:
 GRAHAM
 COUNTY
 STATE: NORTH CAROLINA

ALLISON'S ADVENTURES, LLC
 DEED BOOK 3662 PAGE 654
 LAND USE CLASSIFICATION = 3

McCRICKARD ENTERPRISES, LLC
 DEED BOOK 1118 PAGE 65
 LAND USE CLASSIFICATION = 3

NC STATE HWY COMMISSION
 DEED BOOK 170 PAGE 355
 LAND USE CLASSIFICATION = 3

EROSION CONTROL MAINTENANCE PLAN:

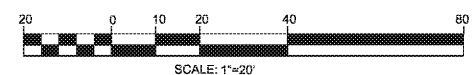
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCING RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS SHALL BE MADE IMMEDIATELY TO MAINTAIN ALL MEASURES AS DESIGNED.
- SEDIMENT BASINS SHALL BE INSPECTED REGULARLY DURING ALL DISTURBING ACTIVITIES AND AFTER EACH RUNOFF-PRODUCING RAINFALL. SEDIMENT SHALL BE REMOVED AND THE BASIN RESTORED TO ITS ORIGINAL DIMENSIONS WHEN IT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH OF EACH BASIN. PORTIONS OF THE BASIN'S GRASS FACILITY THAT ARE CONTAMINATED BY SEDIMENT SHALL BE REPLANTED IMMEDIATELY. LEVEL DURING EACH SEDIMENT REMOVAL EPISODE.
- SEDIMENT FENCES SHALL BE INSPECTED AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. REPAIRS SHALL BE MADE IMMEDIATELY. SEDIMENT DEPOSITS SHALL BE REMOVED AS NEEDED TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAINFALL EVENT, AND TO REDUCE PRESSURE ON THE FACE. FENCING MATERIALS AND SEDIMENT DEPOSITS SHALL BE REMOVED, AND THE AREA BROUGHT TO THE FOLLOWING STABILIZATION OF UPGRADIENT DISTURBED AREAS.
- DIVERSION DITCHES MUST REMAIN IN PLACE UNTIL PROJECT IS STABILIZED AND PERMISSION GIVEN BY THE EROSION CONTROL OFFICER.
- THE NC STATE BUILDING CODE REQUIRES THAT ANY CONSTRUCTION INCLUDING DECKS LOCATED LESS THAN FIVE (5) FEET FROM A PROPERTY LINE SHALL HAVE NOT LESS THAN A ONE-HOUR FIRE-RESISTIVE RATING WITH EXPOSURE FROM BOTH SIDES. THIS REQUIREMENT APPLIES TO ANY ATTACHED STRUCTURE SUCH AS DECKS OR PORCHES. THE NC STATE BUILDING CODE REQUIREMENTS IN EFFECT AT THE TIME OF THE BUILDING PERMIT APPLICATION WILL SUPERSEDE THIS NOTE.
- A RAIN GAUGE AND REPORT BOX SHALL BE LOCATED ON-SITE FOR RAINFALL MONITORING AND SITE INSPECTIONS. THE CONTRACTOR IS RESPONSIBLE FOR CONDUCTING THE WEEKLY INSPECTIONS OR AFTER 1" OF RAINFALL TO CONFORM WITH THE NPDES PERMIT REQUIREMENTS. REPORTS SHALL BE KEPT IN THE INSPECTION BOX AND REMAIN AVAILABLE TO REVIEWING AGENCIES UPON REQUEST.

CONSTRUCTION SEQUENCE:

- OBTAIN SITE PLAN & EROSION APPROVAL.
- FLAG LIMITS OF DISTURBANCE PRIOR TO PRE-CONSTRUCTION MEETING.
- HOLD PRE CONSTRUCTION MEETING INCLUDING THE CONTRACTOR, THE OWNER (OR OWNER'S REPRESENTATIVE), NCDEQ, CITY OF GRAHAM, AND ALAMANCE COUNTY ONE WEEK PRIOR TO ANY WORK.
- ESTABLISH CONSTRUCTION ENTRANCE AS SHOWN ON PLANS.
- CLEAR & GRUB AREAS NECESSARY FOR TEMPORARY EROSION CONTROL MEASURES AND SKIMMER BASIN WHERE SHOWN ON PLANS.
- INSTALL SILT FENCE, DIVERSION BERMS, TREE PROTECTION, AND SKIMMER BASIN TO NCDEQ STANDARDS.
- WHEN GRADING THE BORROW/WASTE AREA, ENSURE POSITIVE DRAINAGE TO THE SKIMMER BASIN.
- ALL EROSION & SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY CONTRACTOR FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCING RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS SHALL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED.
- ONCE EROSION CONTROL MEASURES HAVE BEEN INSTALLED, REQUEST AN INSPECTION FROM COG (IF REQUIRED) FOR COMPLIANCE. ANY MODIFICATIONS REQUIRED BY INSPECTOR SHALL BE MADE PRIOR TO CLEARING REMAINDER OF SITE.
- CLEAR & GRUB REMAINDER OF SITE. TEMPORARY SILT FENCE, DIVERSION BERMS, & SKIMMER BASIN SHALL REMAIN IN PLACE UNTIL ALL STORM DRAINAGE IS INSTALLED AND SURFACE IS PAVED & STABILIZED TO DIRECT RUNOFF TOWARDS THESE MEASURES AS DESIGNED.
- SEED AND MULCH ALL BARE AREAS.
- PROCEED TO STAGE 2 EROSION CONTROL.

| Skimmer Basin Summary | Required |
|-----------------------|--------------|
| Basin volume = | 1464 cu. ft. |
| Basin surface area = | 600 sq. ft. |
| Basin storage depth = | 2 ft |
| Basin Min Width = | 40 ft |
| Basin Min Length = | 20 ft |
| Spillway length = | 10 ft |
| Side Slopes = | 2:1 |

| Skimmer Size Summary: | Required |
|-----------------------|----------|
| Skimmer size: | 1.5 in |
| Orifice size: | 1.0 in |



REVISION NOTE

| NO. | DATE | REVISION |
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DRAWN BY: CP
 CHECKED BY: AC
 DATE: 05/14/2020
 PROJECT NO: 07510.018
 REF. NO.: -
 SCALE: N/A

SHEET
7 OF 10