EROSION CONTROL & MAINTENANCE PLAN NOTES:

1. RETAIN FLOATABLE WIND BLOWN MATERIALS ON SITE BY STORING ALL TRASH AND BUILDING MATERIAL WASTE IN ENCLOSURES UNTIL PROPER DISPOSAL AT OFF-SITE FACILITIES. CHECK ADJACENT AREAS DAILY AND PICK UP CONSTRUCTION WASTE MATERIALS AND DEBRIS THAT HAVE BLOWN OR WASHED OFF SITE.
2. PERMANENTLY STABILIZE ALL SURFACE AREA WITHIN AND ADJACENT TO THIS SITE THAT IS DISTURBED BY VEHICLES, GRADING AND OTHER CONSTRUCTION FOR THE PROPOSED FACILITY. STABILIZATION IS OBTAINED WHEN THE DISTURBED SURFACE IS COVERED WITH STRUCTURES, PAVING AND OR PERENNIAL VEGETATION HAVING A UNIFORM COVERAGE DENSITY OF AT LEAST 70%. STABILIZATION OF ALL DISTURBED AREA IS REQUIRED BEFORE TERMINATING MAINTENANCE AND REMOVAL OF EROSION CONTROL MEASURES.
3. CONTRACTOR'S CERTIFIED PERSONNEL SHALL INSPECT POLLUTION CONTROL MEASURES AT LEAST TWICE EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A STORM EVENT OF 1/2 INCH OR GREATER. DAMAGED MEASURES THAT PROVE TO BE INEFFECTIVE SHALL BE REPLACED WITH MORE EFFECTIVE MEASURES OR ADDITIONAL MEASURES WITHIN SEVEN DAYS. REPEATED FAILURE OF A CONTROL MEASURE REQUIRES INSTALLATION OF A MORE SUITABLE DEVICE TO PREVENT DISCHARGE OF POLLUTANTS FROM THE CONSTRUCTION SITE.
4. INSTALLATION OF ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE CITY OR STATE. CONTRACTOR TO VERIFY REQUIREMENTS PRIOR TO BEGINNING ANY WORK ON PROJECT SITE.
5. CARE SHALL BE TAKEN TO MINIMIZE THE ENCROACHMENT OF SEDIMENT INTO ALL STORM DRAIN APPURTENANCES, PUBLIC STREETS, AND ONTO PRIVATE PROPERTY UNTIL IMPERVIOUS MATERIAL (ROAD/PARKING AREA SURFACE) IS APPLIED OR UNTIL PROPOSED LANDSCAPE HAS BEEN ESTABLISHED.
6. REFER TO 2/C1.4 FOR SILT FENCE CONSTRUCTION.
7. ALL GRASS SLOPES WHICH EXCEED 3:1 (H:V) SHALL UTILIZE CONTECH CONSTRUCTION PRODUCTS PERMANENT TURF REINFORCEMENT MATS TRM 450 OR APPROVED EQUAL. MATS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS AND STANDARDS. CONTRACTOR SHALL COORDINATE INSTALLATION INSPECTION WITH MANUFACTURER.
8. **THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL PRIOR TO LAND DISTURBING ACTIVITIES.**
9. **EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLANS DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.**
10. **ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES WILL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTOR.**
11. **ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.**
12. EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES TO BE INSPECTED DAILY.
13. CUT AND FILL SLOPES SHALL NOT EXCEED 3H: 1V ON RESIDENTIAL PROJECTS AND LOTS, AND LOTS SHALL NOT EXCEED 2H: 1V ON ALL OTHER PROJECTS.
14. WEEKLY EROSION AND SEDIMENT CONTROL REPORTS SHALL BE SUBMITTED TO THE DEVELOPMENT DEPARTMENT STARTING WITH THE ISSUANCE OF THE DEVELOPMENT PERMIT AND ENDING WHEN THE PROJECT IS RELEASED BY THE INSPECTOR.

LAND USAGE

TOTAL PROPERTY AREA = 1.32 ACRES
TOTAL DISTURBED AREA = 1.62 ACRES
TOTAL PROPOSED IMPERVIOUS AREA = 0.63 ACRES
TOTAL PERVIOUS AREA = 0.69 ACRES
IMPERVIOUS % = 48%

ON-SITE SOIL SERIES AND DELINEATION

DeB = DEWEY SILT LOAM, 2 TO 6 PERCENT SLOPES (HYDROLOGIC SOIL GROUP B)

DEVELOPER INFO:

DEVELOPER: O'REILLY AUTOMOTIVE STORES, INC., 233 SOUTH PATTERSON, SPRINGFIELD, MO 65802, 417-862-3333
SKRAUS@OREILLYAUTO.COM

OWNER INFO:

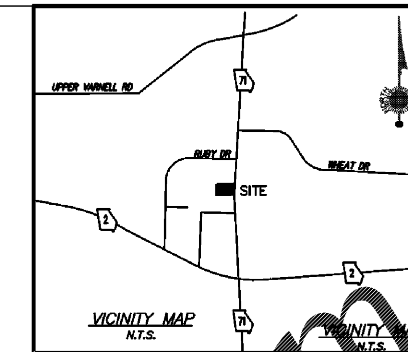
OWNER: O'REILLY AUTOMOTIVE STORES, INC., 233 SOUTH PATTERSON,
SPRINGFIELD, MO 65802, 417-862-3333

RECEIVING WATERS

UNNAMED TRIBUTARY TO KENYON CREEK

CONSTRUCTION ACTIVITY SCHEDULE:

PHASE I INFRASTRUCTURE	2020 OCT	NOV	DEC
1. CONTRACTOR TO PERFORM DETAILED SITE INSPECTION TO LOCATE ALL EXISTING UTILITIES AND VERIFY ANY POSSIBLE CONFLICTS WITH PROPOSED IMPROVEMENTS PRIOR TO BEGINNING ANY CONSTRUCTION. CONTACT OWNER WITH ANY CONFLICTS.	—		
2. INSTALLATION OF SEDIMENT CONTROL & TREE PROTECTION MEASURES (CONSTRUCTION EGRESS, EROSION CONTROL FENCE, INLET PROTECTION)	—		
3. INSTALLATION OF TEMPORARY SEDIMENT TRAP	—		
4. DEMOLITION OF EXISTING SITE IMPROVEMENTS	—		
5. REMOVAL OF EXISTING PAVEMENT ON THE SITE	—		
6. INSTALLATION OF DETENTION FACILITIES (THE REGIONAL DETENTION BASIN IS ALREADY CONSTRUCTED FOR THIS SITE)	—		
7. INSTALLATION OF ALL STORM WATER DRAINAGE IMPROVEMENTS	—		
8. CLEARING, GRUBBING AND GRADING OPERATIONS			
9. CONSTRUCTION OF NEW SITE IMPROVEMENTS		—	
10. GRASSING - INCLUDING MULCHING, TEMPORARY AND PERMANENT VEGETATION		—	
11. MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES		—	—
12. INSTALLATION OF WATER QUALITY DEVICES			—
13. FINAL LANDSCAPING GRASSING, CLEANING OF STORM DRAINS AND SOD			—
14. REMOVAL OF CONSTRUCTION EGRESS, EROSION CONTROL FENCE & INLET PROTECTION			—



24-HOUR EMERGENCY CONTACT FOR RESPONSIBLE LAND DISTURBER:

THE CONTRACTOR SHALL LIST THE 24-HR EMERGENCY CONTACT OF THE RESPONSIBLE LAND DISTURBER. THE NAME, "WALK-IN ADDRESS", AND TELEPHONE NUMBER OF A LOCAL REGISTERED AGENT REPRESENTING THE OWNER FOR SERVICE OF PROCESS MUST BE PROVIDED ON THE PLANS IN THE BLOCK BELOW. THE RESPONSIBLE LAND DISTURBER MUST ALSO SUBMIT INFORMATION TO GEORGIA SOIL & WATER CONSERVATION COMMISSION PRIOR TO ISSUANCE OF A LAND DISTURBANCE PERMIT. COMPLETE INFORMATION ON THE FOLLOWING LINE:

NAME & ADDRESS | GSWCC LEVEL 1A # | PHONE #

CONSTRUCTION CANNOT BEGIN UNTIL THIS INFORMATION IS PROVIDED. CONTACT WHITFIELD COUNTY FOR SUBMISSION OF INFORMATION AND FINAL PERMIT.

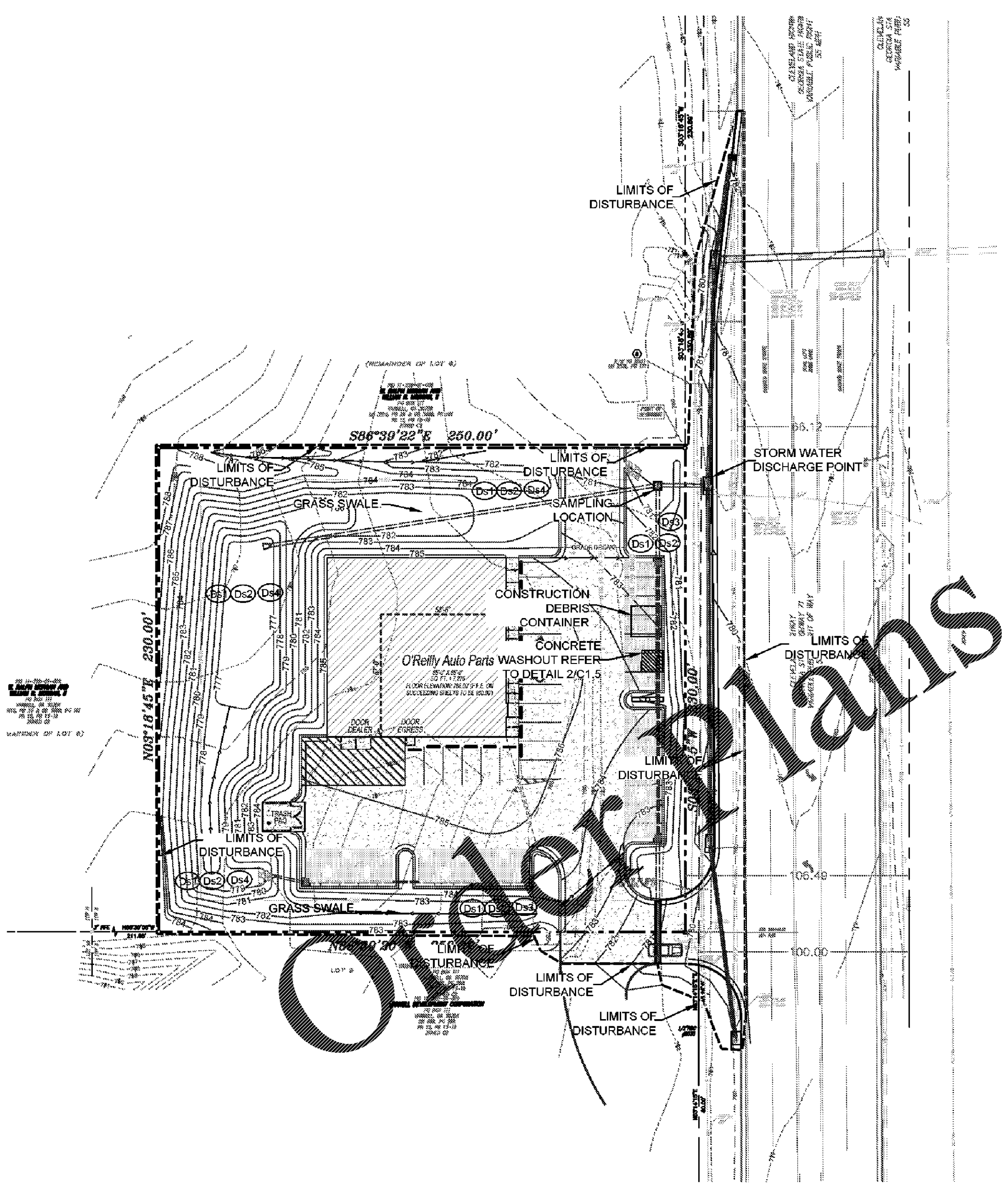
NOTE:
REFER TO SHEET C1.7 FOR THE VEGETATIVE SCHEDULE

NOTE:
THE DESIGN PROFESSIONAL WHO PREPARED THE ES&PC PLAN IS TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMPS WITHIN 7 DAYS AFTER INSTALLATION.

NOTE:
REFER TO SHEET C1.8 FOR THE EROSION NOTES

ANTICIPATED STARTING DATES: OCTOBER 2020
ANTICIPATED COMPLETION DATES: JANUARY 2021

NOTE:
AMENDMENTS/REVISIONS TO THE ES&PC PLAN WHICH HAVE A SIGNIFICANT EFFECT ON BMPS WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.



1 FINAL SEDIMENT AND EROSION CONTROL PLAN

C1.6 SCALE: 1" = 40'

40 0 40 80 120
GRAPHIC SCALE - FEET

N

NATURE OF CONSTRUCTION ACTIVITY:

CONSTRUCT NEW 7,225 SF BUILDING AND 19,690 SF OF PARKING LOT.
REFER TO CONSTRUCTION ACTIVITIES SCHEDULE FOR COMPLETE LIST OF CONSTRUCTION ACTIVITIES.
SITE DISCHARGES TO THE EXISTING STORMWATER SYSTEM ALONG CLEVELAND HIGHWAY.
REFER TO STORMWATER REPORT FOR MORE INFORMATION ON EXISTING CONDITIONS NARRATIVE.

EROSION CONTROL CERTIFICATION:

"I CERIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY DIRECT SUPERVISION"

Aaron T. Hargrave
0000089429 / 10-18-2022
LEVEL II CERTIFICATION / EXPIRATION DATE

NOTE:
NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION OR WITHIN 25-FEET OF THE COASTAL MARSHLAND BUFFER AS MEASURED FROM THE JURISDICTIONAL DETERMINATION LINE WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS."

PROPERTY LOCATED:

HIGHWAY 71, VARNELL, GA
WHITFIELD-DALTON COUNTY

POST-CONSTRUCTION STORMWATER SUMMARY:

POST-CONSTRUCTION STORMWATER MANAGEMENT HAS BEEN PROVIDED ON-SITE WITH THE USE OF UNDERGROUND CHAMBERS TO STORE AND TREAT THE PROPOSED POST-CONSTRUCTION RUNOFF. THE SYSTEM HAS BEEN SIZED TO RESTRICT THE RELEASED RATES TO OR BELOW EXISTING CONDITIONS. THE CHAMBERS HAVE ALSO BEEN DESIGNED TO PROVIDE WATER QUALITY PER THE GEORGIA STORMWATER MANAGEMENT MANUAL STORMWATER QUALITY SITE DEVELOPMENT REVIEW TOOL, v2.2. REFER TO STORMWATER REPORT FOR ALL CALCULATIONS.

GEORGIA EROSION & SEDIMENT CONTROL SYMBOLS

Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY) REFER TO SHEET L1.1 FOR LIMITS OF MULCHING.
Ds2	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING) REFER TO SHEET L1.1 FOR LIMITS OF SEEDING.
Ds3	DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION) REFER TO SHEET L1.1 FOR LIMITS OF SEEDING.
Ds4	DISTURBED AREA STABILIZATION (WITH PERMANENT SOD) REFER TO SHEET L1.1 FOR LIMITS OF SOD.

SYMBOLS LEGEND

REFER TO SURVEY (SV1) FOR EXISTING CONDITION SYMBOLS LEGEND AND SITE CONTROL.

---785---	EXISTING GRADE LINES
—785—	TEMPORARY GRADE LINES
-o-o-o-	TEMPORARY EROSION CONTROL FENCE
— — — —	LIMITS OF DISTURBANCE
—— ——	DRAINAGE AREA

PROJECT BENCHMARK:

1. CITY/STATE BOLT LOCATED ON FIRE HYDRANT LOCATED AT THE NORTHWEST CORNER OF RUBY ROAD AND CLEVELAND HIGHWAY, NORTH OF SUBJECT PROPERTY. ELEVATION = 785.29
2. NAIL & WASHER SET IN CONCRETE DRIVEWAY APRON IN FRONT OF SUBJECT PROPERTY. ELEVATION = 780.80

ANDERSON ENGINEERING
EMPLOYEE OWNED
ENGINEERS • SURVEYORS • LABORATORIES • DRILLING
3213 S WEST BYPASS • SPRINGFIELD, MISSOURI 65807 • PHONE (417) 866-2741
ANDERSON COA# PEF004286 • AARON T. HARGRAVE: PE044572

PROJ # 19SP10221 | BY: AMS | CKD: ATH | DRAWING # | REVISIONS:

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. PE044572 AARON T. HARGRAVE 11-06-20

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Fax: 417.862.3265
e-mail: architect@esterlyschneider.com

PROJECT:
NEW O'REILLY AUTO PARTS STORE
CLEVELAND HIGHWAY
VARNELL, GA

FINAL SEDIMENT AND EROSION CONTROL PLAN

O'Reilly AUTO PARTS
CORPORATE OFFICES
233 SOUTH PATTERSON
SPRINGFIELD, MISSOURI 65802
(417) 862-2674 TELEPHONE

COMM #	4420
DATE:	2-28-2020
REVISION DATE:	4-10-2020
	7-20-2020
	9-16-2020
	11-03-2020

C1.6

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