

**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. CONTRACTORS SHALL INSPECT POLLUTION CONTROL MEASURES AT LEAST ONCE 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 3/C1.1 FOR SILT FENCE CONSTRUCTION.
7. ALL GRASS SLOPES WHICH EXCEED 3:1 (H:V) SHALL UTILIZE CONTECH CONSTRUCTION PRODUCTS PERMANENT TURF REINFORCEMENT MAT 450 OR APPROVED EQUAL. MATS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS AND STANDARDS. CONTRACTOR SHALL COORDINATE INSTALLATION INSPECTION WITH MANUFACTURER.

**CONSTRUCTION EGRESS NOTES:**

1. CONSTRUCTION EGRESS SHALL BE 25" MINIMUM WIDTH AND 30" MINIMUM LENGTH AND 6" MIN THICKNESS OF STONE (1.5"-3.5") COARSE AGGREGATE WITH GEOTEXTILE UNDERLINER. REFER TO THE CITY OR STATE FOR ANY ADDITIONAL REQUIREMENTS.
2. THE EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1.5-3.5 INCH STONE, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEAN OUT OF ANY STRUCTURE USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES OR SITE ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
3. WHEELS MUST BE CLEANED TO REMOVE MUD PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN LOCATED PER THE CITY OR STATE REQUIREMENTS.

**SITE EXCAVATION REQUIREMENTS:**

1. A GEOTECHNICAL ANALYSIS HAS BEEN PERFORMED ON THIS SITE. REFER TO PROJECT MANUAL. FOLLOW GEOTECHNICAL ANALYSIS RECOMMENDATION FOR SITE EXCAVATION.
2. REFER TO STRUCTURAL DRAWINGS FOR BUILDING EXCAVATION REQUIREMENTS.

**STAGES OF CONSTRUCTION:**

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. MONTH 1
2. INSTALLATION OF CONSTRUCTION ENTRANCE. MONTH 1
3. INSTALLATION OF EROSION CONTROL FENCE. MONTH 1
4. DEMOLITION OF EXISTING SITE IMPROVEMENTS. MONTH 1
5. REMOVAL OF EXISTING PAVEMENT ON THE SITE. MONTH 1
6. INSTALLATION OF ALL STORM WATER DRAINAGE IMPROVEMENTS. MONTH 1
7. ROUGH GRADING. MONTH 1 & MONTH 2
8. CONSTRUCTION OF NEW SITE IMPROVEMENTS. MONTH 2
9. FINAL GRADING. MONTH 3
10. PLACEMENT OF FINAL LANDSCAPING ITEMS AND SOIL. MONTH 3
11. REMOVAL OF EROSION CONTROL FENCE. MONTH 3

**GENERAL NOTES:**

- A. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- B. SITE CONDITIONS BASED UPON SURVEY SUBMITTED BY OWNER. FIELD VERIFY EXISTING CONDITIONS BY DETAILED SITE INSPECTION PRIOR TO SUBMITTING BID AND BEGINNING CONSTRUCTION.
- C. FIELD VERIFY SANITARY SEWER SERVICE CONNECTION INVERT PRIOR TO ESTABLISHING FINAL FINISH FLOOR ELEVATION.
- D. COORDINATE WORK WITH OTHER SITE RELATED DEVELOPMENT DRAWINGS.

**FLOOD ZONE:**

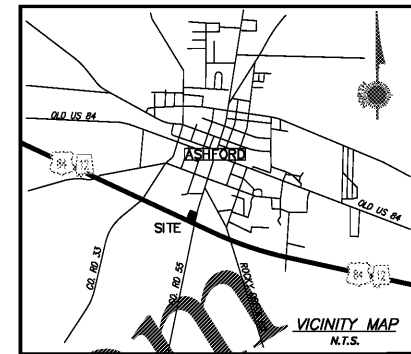
ACCORDING TO FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAPS (FIRM), COMMUNITY PANEL NO. 01069C 0261G, EFFECTIVE DATE: SEPTEMBER 3, 2014. ENTIRE SUBJECT PROPERTY LIES WITHIN ZONE X, AREAS OF MINIMAL FLOOD HAZARD.

**STORM WATER RUNOFF SUMMARY:**

TOTAL PROPERTY AREA= 1.48 ACRES  
TOTAL DISTURBED AREA = 0.96 ACRES < 1.0 ACRES THEREFORE NOI NOT REQUIRED.  
STORMWATER RUNOFF FOLLOWS EXISTING DRAINAGE PATTERNS.  
CITY HAS NO STORMWATER MANAGEMENT REQUIREMENTS.

**RIP-RAP NOTE:**

HAND PLACE RIP-RAP IN ALL PLACES AS INDICATED ON THE PLAN. THE STONE FOR RIP-RAP SHALL CONSIST OF FIELD STONE OR ROUGH UNHEWN QUARRY STONE AS NEARLY AS UNIFORM IN SECTION AS PRACTICAL. THE STONES SHALL BE DENSE, RESISTANT TO THE ACTION OF AIR AND WATER, AND SUITABLE IN ALL ASPECTS FOR THE PURPOSE INTENDED UNLESS OTHERWISE SPECIFIED. ALL STONES USED AS RIP-RAP SHALL WEIGH BETWEEN 30-150 POUNDS EACH, AND AT LEAST 80 PERCENT OF THE STONES SHALL WEIGH MORE THAN 100 POUNDS EACH. STONES SHALL BE A MINIMUM OF 6" IN DIAMETER AND PLACED A MINIMUM OF 18" BELOW FINISH GRADE.



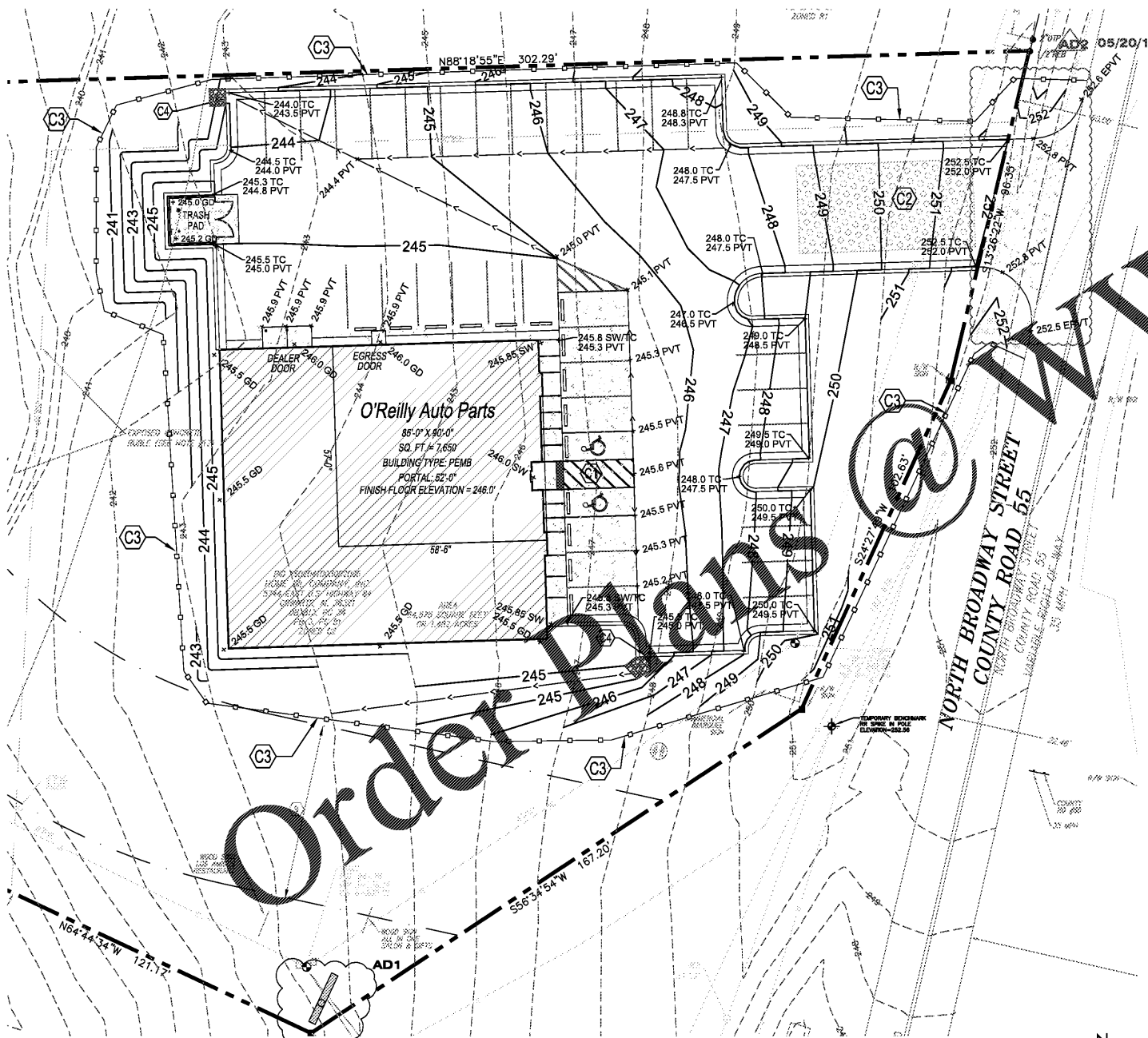
**O'Reilly AUTO PARTS**  
CORPORATE OFFICE  
283 SOUTH PATTERSON  
SPRINGFIELD, MISSOURI 65802  
(417) 862-2674 TELEPHONE

PROJECT:  
**NEW O'REILLY AUTO PARTS STORE**  
U.S. HWY 84 & N. BROADWAY  
ASHFORD, AL

**ANDERSON ENGINEERING**  
EMPLOYEE OWNED  
ENGINEERS • SURVEYORS • LABORATORS • DRILLING  
2045 W. WOODLAND • SPRINGFIELD, MISSOURI 65807 • PHONE (417) 862-2741  
ANDERSON.COM • CHAIRMAN: NEIL S. BRADY • PE# 24881  
PROJ # 18SP110232

DRAWN BY: **PJE** CHECKED BY: **NSB**  
DATE: **04/02/19**  
REVISION: **AD2 05/20/19**  
PROJECT NUMBER: **AHF**  
SHEET NUMBER

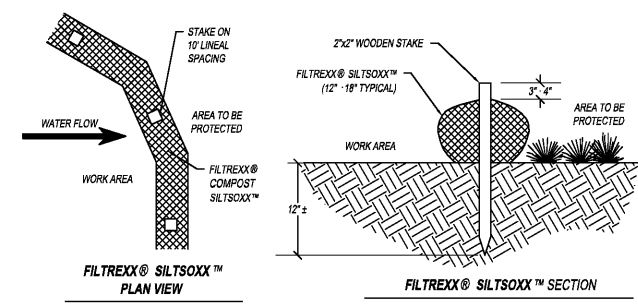
**C1.1**



**2 HANDICAP PARKING DETAIL**  
C1.1 SCALE: 1" = 10'-0"

- KEY NOTES:**
- C1 HANDICAP PARKING AREA SEE DETAIL 2/C1.1
  - C2 INSTALL CONSTRUCTION EGRESS PER NOTES
  - C3 INSTALL EROSION CONTROL FENCE PER DETAIL 3/C1.1
  - C4 3' CURB CUT WITH 6'X6' RIP-RAP PAD PER NOTES.

**3 FILTREXX® SILTSOXX™**  
C1.1 SCALE: NOT TO SCALE



- NOTE:
1. ALL MATERIAL TO MEET FILTREXX® SPECIFICATIONS OR APPROVED EQUAL.
  2. SILT SOXX™ COMPOST/SOIL/ROCK/SEED FILL TO MEET APPLICATION REQUIREMENTS.
  3. SILT SOXX™ DEPICTED IS FOR MINIMUM SLOPES. GREATER SLOPES MAY REQUIRE LARGER SOCKS PER THE MANUFACTURER SPECIFICATIONS.
  4. COMPOST MATERIAL TO BE DISPersed ON SITE, AS DETERMINED BY ENGINEER.

SYMBOLS LEGEND	
REFER TO SURVEY (SV1) FOR EXISTING CONDITION SYMBOLS LEGEND AND SITE CONTROL.	
--- 250 ---	EXISTING GRADE LINES
— 250 —	PROPOSED NEW GRADE LINES
[Hatched Box]	NEW BUILDING CONSTRUCTION
[Rectangle]	NEW SIGN LOCATION
[Rectangle]	NEW CONCRETE PAVING BLOCK
[Line with Square]	TEMPORARY EROSION CONTROL FENCE
[Arrow]	SURFACE FLOW ARROW
[Dotted Box]	TURF REINFORCEMENT MAT
[List]	LIST FINISH FLOOR ELEVATION ABBREVIATION
SW	SIDEWALK
TW	TOP OF WALL
TC	TOP OF CURB
PVT	TOP OF PAVEMENT
GD	NEW GRADE
CONC	CONCRETE
ETC	EXISTING TOP OF CURB
EGD	EXISTING GRADE
EPVT	EXISTING PAVEMENT
ESW	EXISTING SIDEWALK
FL	FLOW LINE
TOP	TOP OF BERM
BENCHMARK: TEMPORARY BENCHMARK: RR SPIKE IN POLE ELEVATION=292.56	

**1 SITE GRADING PLAN**  
C1.1 SCALE: 1" = 20'-0"

SPECIAL NOTE:  
PRIOR TO CONTRACT CLOSEOUT, CONTRACTOR SHALL SECURE THE SERVICES OF A REGISTERED LAND SURVEYOR TO PROVIDE THE SURVEY OF COMPLETED PROJECT CONDITIONS AND SUBMIT FOR REVIEW AND APPROVAL BY OWNER. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.

SPECIAL NOTE:  
CONTRACTOR SHALL FIELD VERIFY PROPOSED GRADES MATCH EXISTING PAVEMENT AT DRIVEWAY ENTRANCES. CONTRACTOR SHALL NOTIFY ENGINEER IF DISCREPANCY OCCURS.

SPECIAL NOTE:  
FIELD VERIFY SANITARY SEWER CONNECTION INVERT PRIOR TO ESTABLISHING FINAL FINISH FLOOR ELEVATION. REFER TO SITE UTILITIES PLAN.

