

EROSION CONTROL & MAINTENANCE PLAN NOTES:

- 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.
- 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.
- 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.
- 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.
- 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.
- REFER TO 3(C)1.1 FOR SILT FENCE CONSTRUCTION.
- 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:

- CONSTRUCTION EGRESS SHALL BE 2' MINIMUM WIDTH AND 30' MINIMUM LENGTH AND 6" MIN THICKNESS OF STONE (1.5:3.5) COURSE AGGREGATE WITH GEOTEXTILE UNDERLAYER. REFER TO THE CITY OR STATE FOR ANY ADDITIONAL REQUIREMENTS.
- 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.
- 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.

STORM WATER RUNOFF SUMMARY:

TOTAL DISTURBED AREA = 0.88 ACRES < 1.0 ACRES THEREFORE A NOI IS NOT REQUIRED.
STORM WATER WILL FOLLOW EXISTING CONDITIONS AND DISCHARGE TO THE DITCH ON THE WEST SIDE OF THE PROPERTY. PER CITY REGULATIONS, NO DETENTION IS REQUIRED.

SITE EXCAVATION REQUIREMENTS:

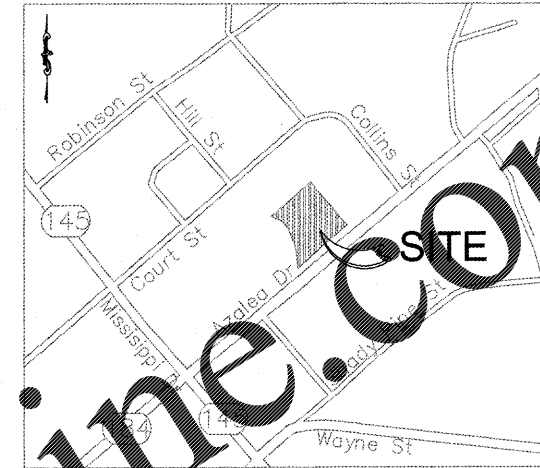
- A GEOTECHNICAL ANALYSIS HAS BEEN PERFORMED ON THIS SITE. REFER TO PROJECT MANUAL, FOLLOW GEOTECHNICAL ANALYSIS RECOMMENDATION FOR SITE EXCAVATION.
- REFER TO STRUCTURAL DRAWINGS FOR BUILDING EXCAVATION REQUIREMENTS.

GENERAL NOTES:

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

STAGES OF CONSTRUCTION:

- 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
- INSTALLATION OF CONSTRUCTION ENTRANCE. MONTH 1
- INSTALLATION OF EROSION CONTROL FENCE. MONTH 1
- DEMOLITION OF EXISTING SITE IMPROVEMENTS. MONTH 1
- REMOVAL OF EXISTING PAVEMENT ON THE SITE. MONTH 1
- INSTALLATION OF ALL STORM WATER DRAINAGE IMPROVEMENTS. MONTH 1
- ROUGH GRADING. MONTH 1 & MONTH 2
- CONSTRUCTION OF NEW SITE IMPROVEMENTS. MONTH 2
- FINAL GRADING. MONTH 3
- PLACEMENT OF FINAL LANDSCAPING ITEMS AND SOG. MONTH 3
- REMOVAL OF EROSION CONTROL FENCE. MONTH 3



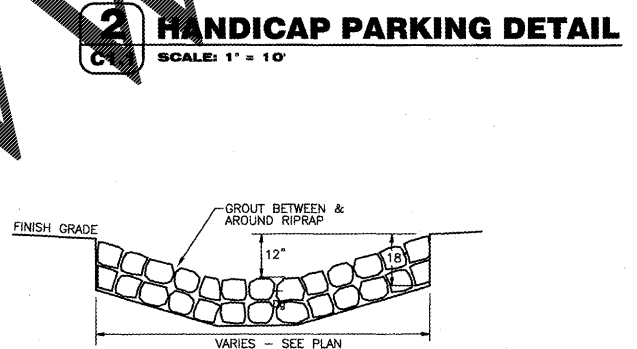
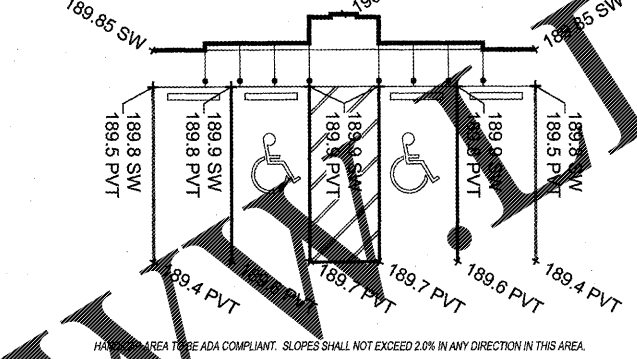
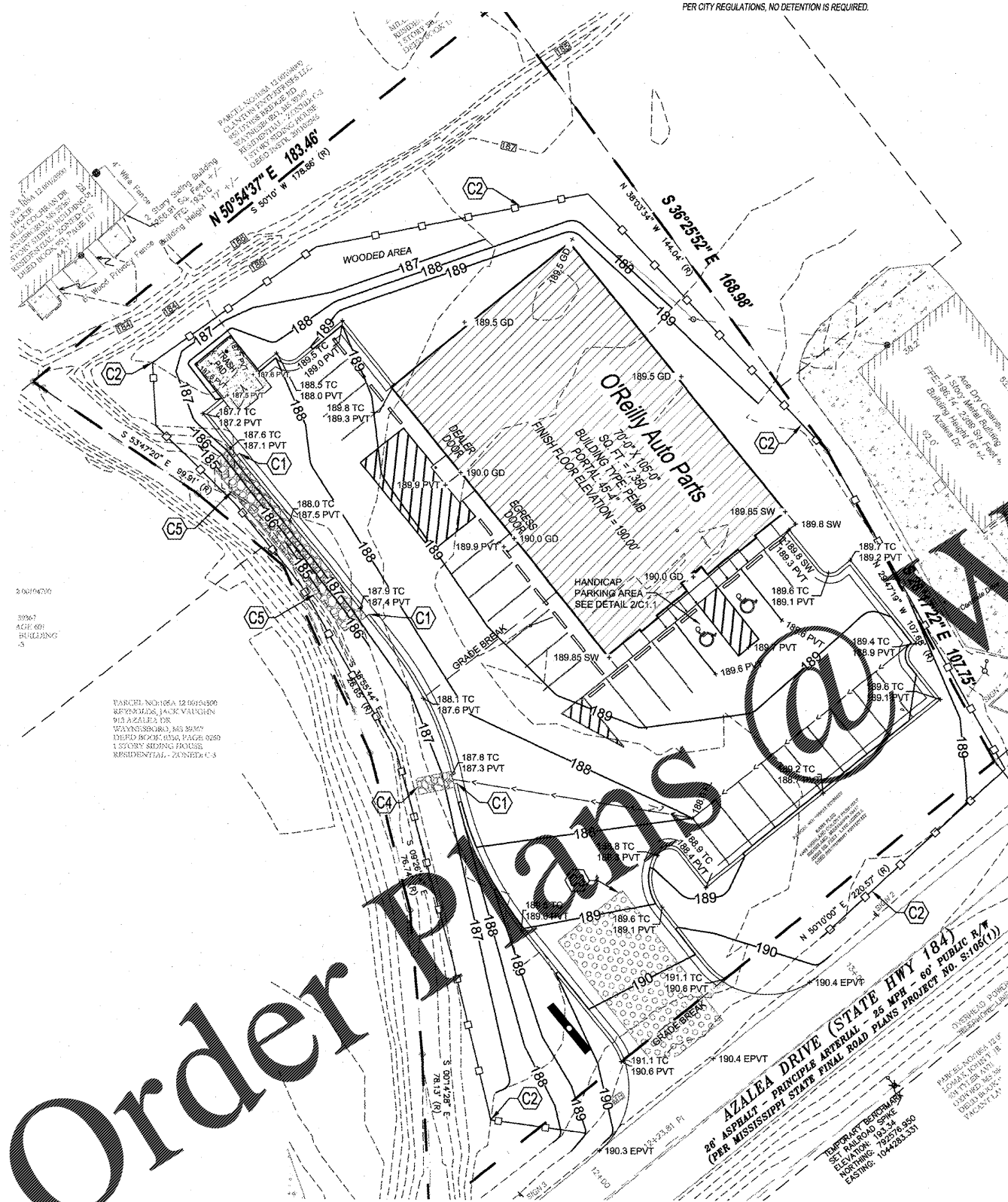
O'Reilly AUTO PARTS
CORPORATE OFFICES
233 SOUTH PATTERSON
SPRINGFIELD, MISSOURI 65802
(417) 862-2874 TELEPHONE

FLOOD ZONE:

BY GRADING, FLOODING OF SUBJECT PROPERTY IS LOCATED WITHIN FLOOD ZONE "X". NO PORTION OF THIS PROPERTY IS LOCATED WITHIN FLOOD ZONE "A" OR ZONE "AE" OF THE FLOOD INSURANCE RATE MAP, COMMUNITY NO. 281530245C, WHICH BEARS AN EFFECTIVE DATE OF 07/18/2011 AND IS NOT IN A SPECIAL FLOOD HAZARD AREA.

KEY NOTES:

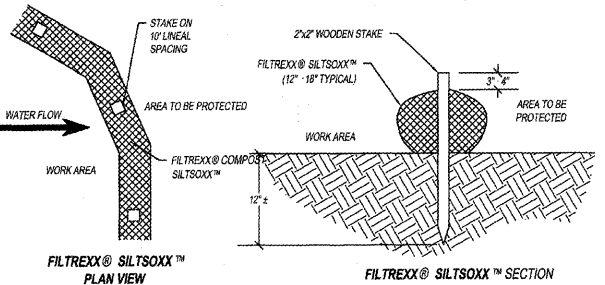
- (C1) INSTALL 3' CURB CUT.
- (C2) INSTALL EROSION CONTROL FENCE PER DETAIL 3(C)1.1.
- (C3) INSTALL CONSTRUCTION EGRESS PER NOTES.
- (C4) INSTALL 5' X 11' GROUTED RIP RAP PER DETAIL 4(C)1.1.
- (C5) INSTALL 8' X 65' GROUTED RIP RAP PER DETAIL 4(C)1.1.



GENERAL NOTES:

- PLACE RIP-RAP IN ALL PLACES AS INDICATED ON THE PLAN.
- BEFORE GROUTING, CLEAN FROM THE BOLDERS ALL DIRT AND MATERIALS THAT COULD PREVENT THE GROUT FROM BONDING TO THE BOLDERS. FINAL PLACEMENT OF THE BOLDERS TO BE APPROVED BY THE ENGINEER PRIOR TO GROUTING.
- INJECT GROUT BETWEEN BOLDERS TO FILL VOIDS UNDER AND BETWEEN BOLDERS. USE CONCRETE VIBRATOR TO CONSOLIDATE THE GROUT. THE CONTRACTOR SHALL CONTROL GROUT PLACEMENT TO ACHIEVE THE REQUIRED DEPTH OF GROUT. CLEAN EXCESS GROUT FROM ALL SURFACES TO BE EXPOSED. TROWEL THE GROUT SURFACE TO ACHIEVE A SMOOTH SURFACE BETWEEN BOLDERS WITHOUT PUDDLES.
- SPACING BETWEEN BOLDERS SHALL BE KEPT TO MINIMUM REQUIRED FOR PLACEMENT OF GROUT AND TO MINIMIZE VISUAL APPEARANCE OF GROUT.
- THE BOLDERS 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 50-150 POUNDS EACH, AND AT LEAST 80 PERCENT OF THE STONES SHALL WEIGH MORE THAN 100 POUNDS EACH.
- STONES SHALL BE A MINIMUM OF 12" IN DIAMETER AND PLACED A MINIMUM OF 18" BELOW FINISH GRADE.

BOULDER SIZE (Dp)	Dg
18"	12"
24"	18"
30"	22"
36"	27"
42"	31"
60"	45"
66"	49"
72"	54"



NOTE:

- ALL MATERIAL TO MEET FILTREX® SPECIFICATIONS OR APPROVED EQUAL.
- SILTSOXX™ COMPOSTABLE ROCKS FILL TO MEET APPLICATION REQUIREMENTS.
- SILTSOXX™ DEPICTED IS FOR MINIMUM SLOPES. GREATER SLOPES MAY REQUIRE LARGER SOCKS PER THE MANUFACTURER'S SPECIFICATIONS.
- COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.

3 FILTREX® SILTSOXX™

C1.1 SCALE: NOT TO SCALE

SYMBOLS LEGEND	
REFER TO SURVEY (SVI) FOR EXISTING CONDITION SYMBOLS LEGEND AND SITE CONTROL.	
--- 189 ---	EXISTING GRADE LINES
— 189 —	PROPOSED NEW GRADE LINES
[Hatched Box]	NEW BUILDING CONSTRUCTION
[Circle]	NEW SIGN LOCATION
[Square]	NEW CONCRETE PAVING BLOCK
[Dashed Line]	TEMPORARY EROSION CONTROL FENCE
[Arrow]	SURFACE FLOW ARROW
[Point]	NEW SPOT ELEVATIONS LIST
[Circle]	GRASS
[Triangle]	SIDEWALK
[Square]	TOP OF WALL
[Circle]	TOP OF CURB
[Point]	TOP OF PAVEMENT
[Point]	NEW GRADE
[Point]	CONC
[Point]	EXISTING TOP OF CURB
[Point]	EXISTING GRADE
[Point]	EXISTING PAVEMENT
[Point]	EXISTING SIDEWALK
[Point]	FLOW LINE
[Point]	TOP OF BERM
[Point]	BENCHMARK
[Point]	TEMPORARY BENCHMARK SET 3/4" IRON SPIRE ELEVATION: 193.34
[Point]	TEMPORARY BENCHMARK SET 2" CAPPED IRON REBAR ELEVATION: 194.25

1 SITE GRADING PLAN

C1.1 SCALE: 1" = 20'

4 GROUTED RIPRAP PAD

C1.1 SCALE: NOT TO SCALE



Know what's below. Call before you dig.

PROJECT:
NEW O'REILLY AUTO PARTS STORE
915 AZALEA DRIVE
WAYNESBORO, MISSISSIPPI
SITE GRADING PLAN

ANDERSON ENGINEERING
EMPLOYEE OWNED
ENGINEERS - SURVEYORS - LABORATORIES - DRILLING
2046 W. WOODLAND - SPRINGFIELD, MISSOURI 65707 - PHONE: (417) 398-2741
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DWG BY: TPT | PROJ: E10140-17 | DRAWING # WB-111-055
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REVISION:
PROJECT NUMBER: 10140-17
SHEET NUMBER: C1.1

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