

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 14 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 2011 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.

SITE EXCAVATION REQUIREMENTS:

1. A GEOTECHNICAL ANALYSIS HAS NOT BEEN PERFORMED ON THIS SITE. REFER TO PROJECT MANUAL.
2. FOLLOW ON SITE GEOTECHNICAL ENGINEER'S RECOMMENDATION FOR SITE EXCAVATION.

CONSTRUCTION EGRESS NOTES:

1. CONSTRUCTION EGRESS SHALL BE 2' MINIMUM WIDTH AND 30" MINIMUM LENGTH AND 1" MIN THICKNESS OF STONE (1.5"-3.5") COARSE AGGREGATE WITH GEOTEXTILE UNDERLAYER. 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"-1.5" 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.

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

FLOOD ZONE:

THE PROPERTY IS NOT LOCATED WITHIN A FLOOD HAZARD AREA AS INDICATED BY FLOOD INSURANCE RATE MAP (FIRM) NO. 28045 0002 C, REVISED DATE MARCH 17, 1997, (ZONE X)

GENERAL NOTES:

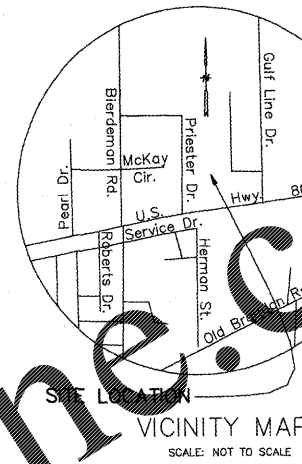
- REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- SITE CONDITIONS BASED UPON ARCHIVE DOCUMENTS SUBMITTED BY OWNER. FIELD VERIFY EXISTING CONDITIONS BY DETAILED SITE INSPECTION PRIOR TO SUBMITTING BID AND BEGINNING CONSTRUCTION.
- COORDINATE WORK WITH OTHER SITE RELATED DEVELOPMENT DRAWINGS.

STORM WATER SUMMARY:

TOTAL DISTURBED AREA = 0.32 ACRES < 1.0 ACRES THEREFORE NOI NOT REQUIRED.

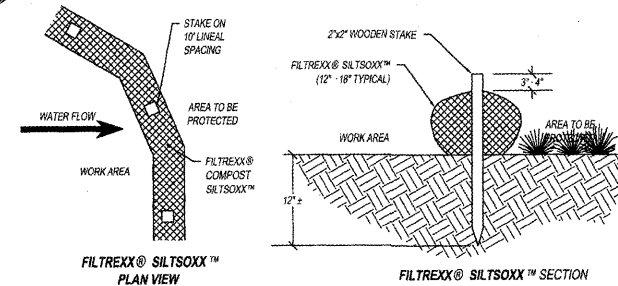
RIP-RAP NOTE:

PLACE RIP-RAP IN ALL PLACES AS INDICATED ON THE PLAN. THE STONE FOR RIP-RAP SHALL CONSIST OF FIELD STONE OR ROUGH LINEHAW 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.



KEY NOTES:

- C1 LIMITS OF TEMPORARY EROSION CONTROL FENCE. REFER TO DETAIL 21C1.1
- C2 INSTALL CONSTRUCTION EGRESS PER NOTES.
- C3 INSTALL 3" CURB CUT WITH 5' X 7' RIP-RAP PAD. REFER TO RIP-RAP NOTES.



- NOTE:
1. ALL MATERIAL TO MEET FILTERXX® SPECIFICATIONS OR APPROVED EQUAL.
 2. SILT SOXX™ COMPOST/ROCKSEED 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.

2 FILTERXX® SILT SOXX™
SCALE: NOT TO SCALE

SYMBOLS LEGEND

---	EXISTING GRADE LINES	NEW SPOT ELEVATIONS LIST	ABBREVIATION
---	PROPOSED NEW GRADE LINES		
[Hatched Box]	NEW BUILDING CONSTRUCTION	GRADE	NONE
[Dashed Line]	NEW CONCRETE PAVING BLOCK	SIDWALK	SW
[Dashed Line]	TEMPORARY EROSION CONTROL FENCE	TOP OF WALL	TW
[Arrow]	SURFACE FLOW ARROW	TOP OF CURB	TC
		TOP OF PAVEMENT	PVT
		NEW GRADE	GO
		CONCRETE	CONC
		EXISTING TOP OF CURB	ETC
		EXISTING GRADE	EGD
		EXISTING PAVEMENT	EPV
		EXISTING SIDEWALK	ESW
		FLOW LINE	FL
		TOP OF BERM	TBP

CAUTION: INFORMATION ON THIS DRAWING CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERE TO.

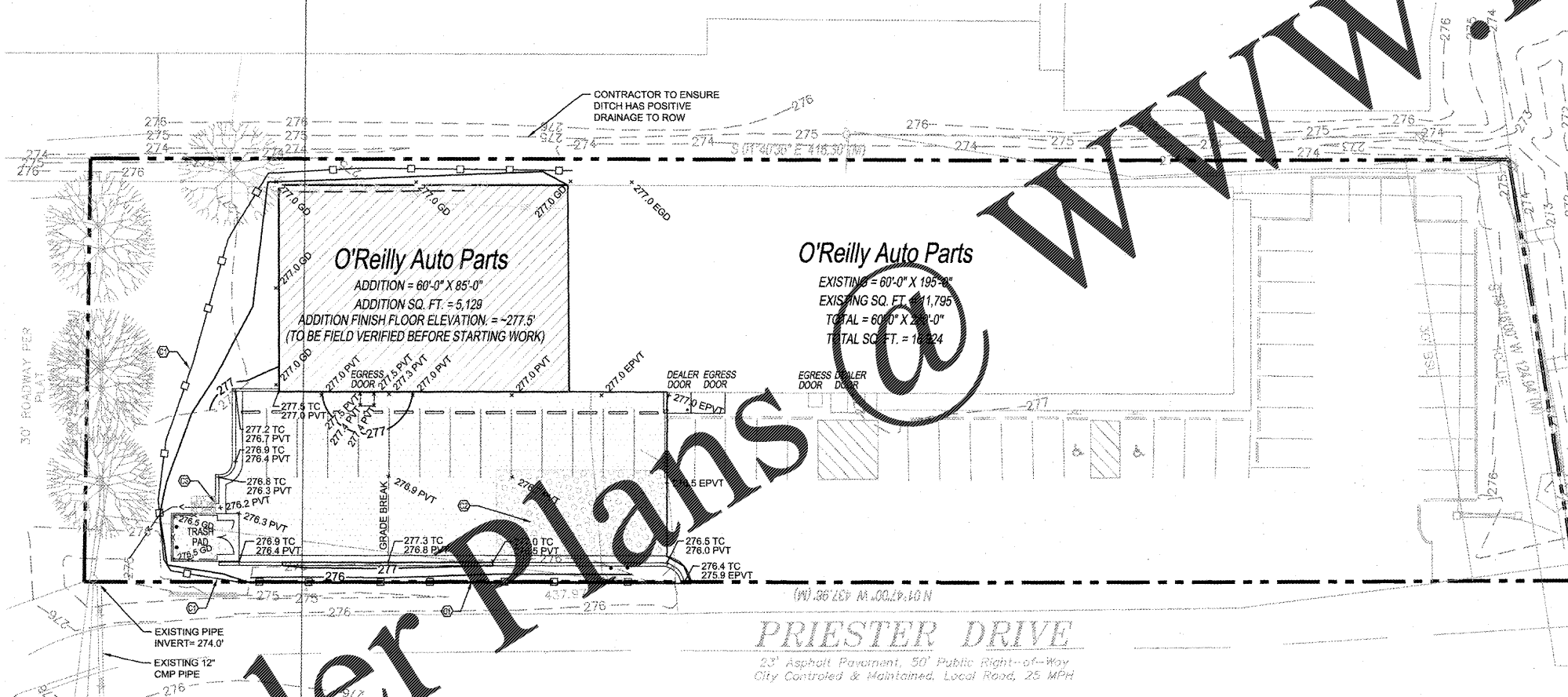


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PROJECT: (ADDITION)
O'REILLY AUTO PARTS STORE
2730 HIGHWAY 80 EAST
PEARL, MISSISSIPPI
SITE GRADING PLAN

ANDERSON ENGINEERING
EMPLOYEE OWNED
ENGINEERS • SURVEYORS • LABORATORIES • DRILLING
2045 W. WOODLAND, SPRINGFIELD, MISSOURI 65807 • PHONE (417) 869-7241
ANDERSON CODE E-00001777 NEIL S. BRINDLEY FEB 1928
PROJ # 18SP10045 DRAWING # WB-111-140

DRAWN BY: **LDE** CHECKED BY: **NSB**
DATE: **04/26/18**
REVISION:
PROJECT NUMBER: **PEA-0994**
SHEET NUMBER: **C1.1**



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



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