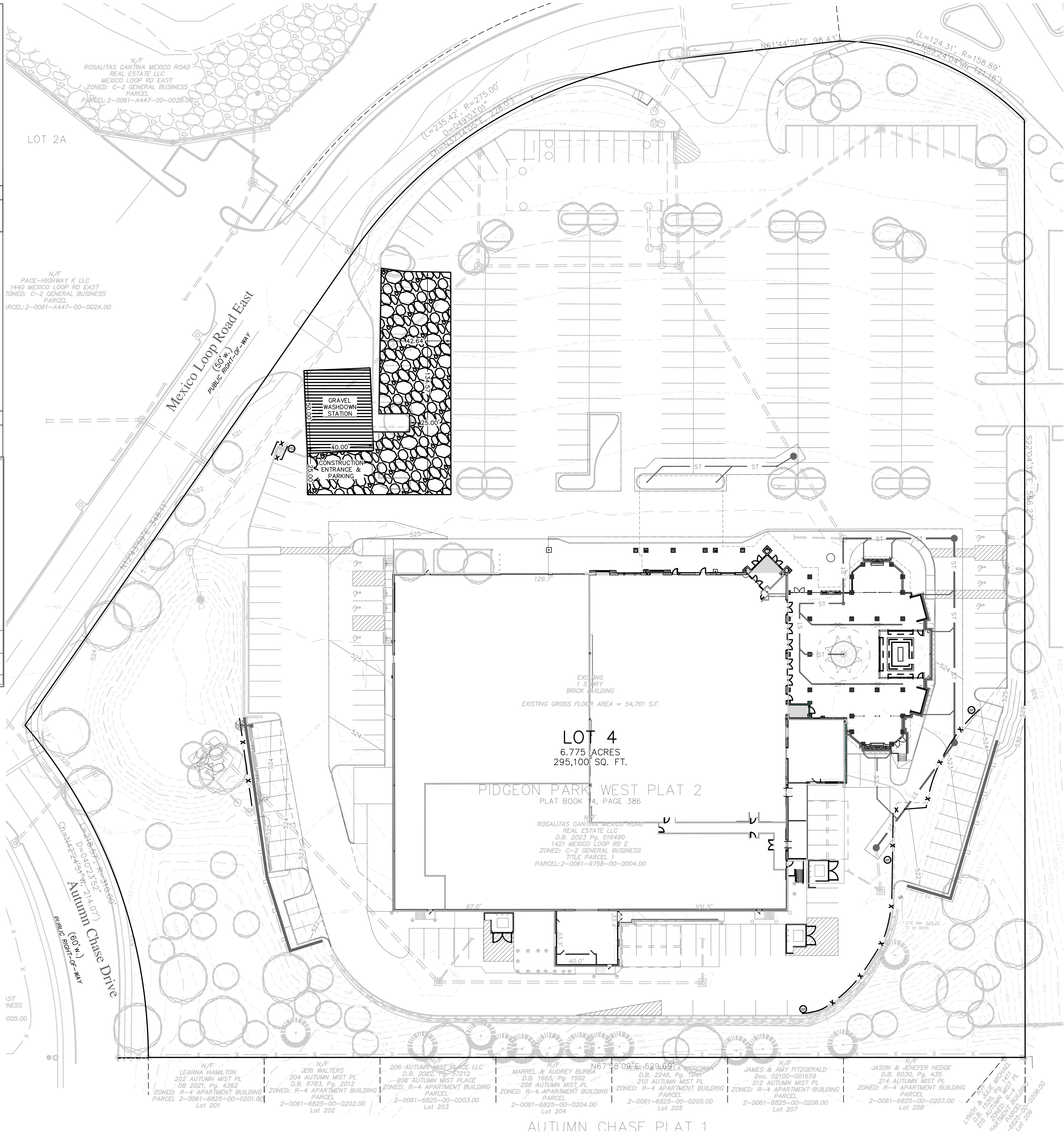
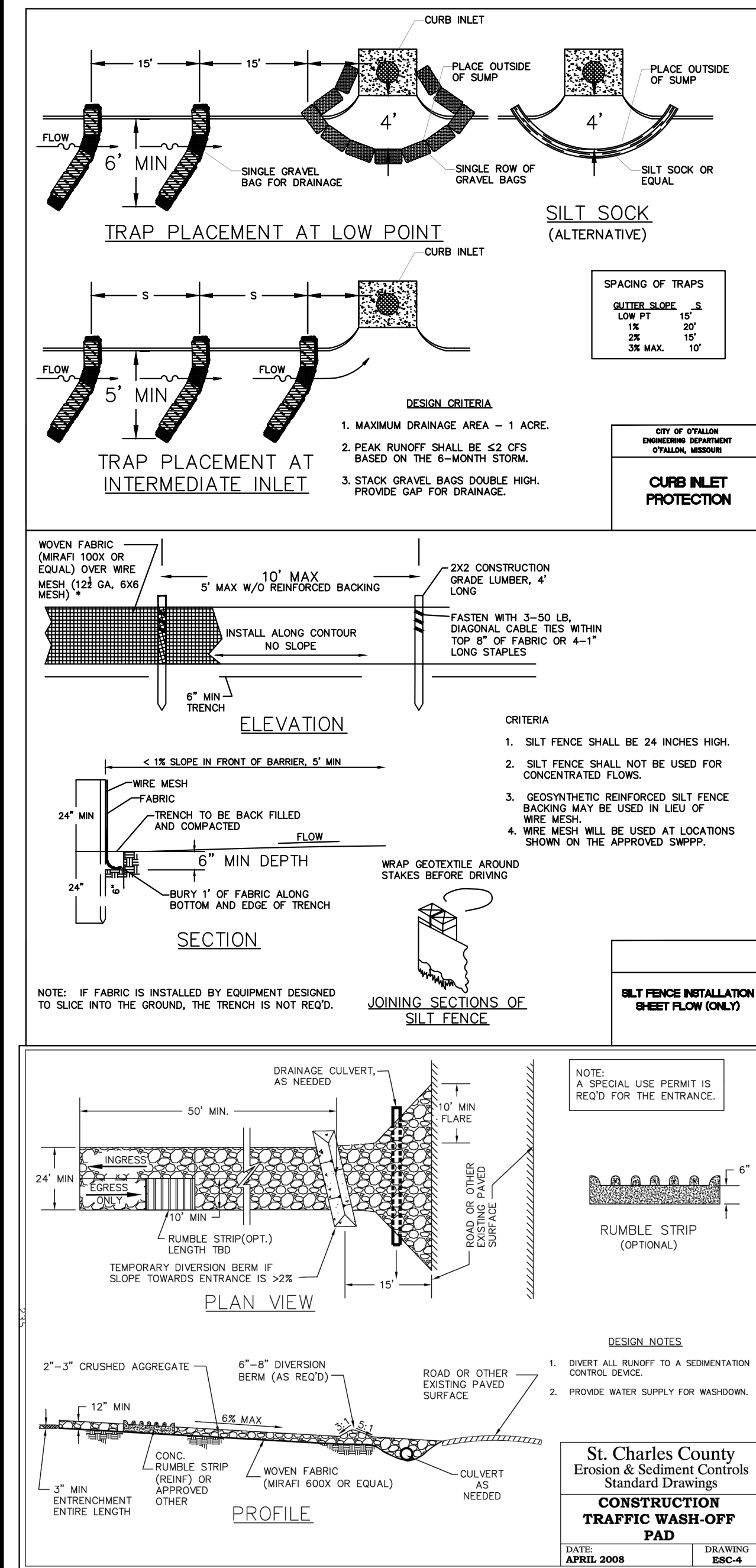




0 30 60

SCALE:
1 inch = 30 ft.

EROSION CONTROL LEGEND

- SF SILT FENCE (ST. LOUIS CO. DETAIL 806-70.00)
- FD FABRIC DROP (ST. LOUIS CO. DETAIL 806-45.12)
- CE CONSTRUCTION ENTRANCE (8" TYPE 5 AGGREGATE ST. LOUIS CO. DETAIL 806-46.00 & 806-46.00)
- CE WASHDOWN AREA (8" TYPE 5 AGGREGATE ST. LOUIS CO. DETAIL 806-46.00 & 806-46.00)

EROSION CONTROL NOTES

- ALL FILL OR BACKFILL OPERATIONS SHALL BE EXECUTED UNDER THE DIRECT SUPERVISION OF THE GEOTECHNICAL ENGINEER IF ONE HAS BEEN ENGAGED FOR THIS PROJECT. THE GEOTECHNICAL ENGINEER SHALL DETERMINE THE SUITABILITY AND ASCERTAIN COMPLIANCE WITH SPECIFICATION REQUIREMENTS OF ALL MATERIALS TO BE USED AS FILLS.
- TOTAL LAND ESTIMATED TO BE DISTURBED = 0.50 ac. ±
- THE PERMIT HOLDER SHALL ENSURE AND/OR CONDUCT REGULAR INSPECTIONS OF LAND DISTURBANCE SITES, INCLUDING ALL EROSION AND SEDIMENT AND OTHER POLLUTANT CONTROL MEASURES, OUTFALL, AND OFF-SITE RECEIVING WATERS OR SEWER SYSTEMS. REGULAR INSPECTIONS MUST BE CONDUCTED AT LEAST ONCE PER WEEK. IN ADDITION, INSPECTIONS MUST BE CONDUCTED AND REPORTED WITHIN 48 HOURS OF A RAINFALL EVENT THAT CAUSES STORM WATER RUNOFF ON SITE, AND AS RELATED TO OTHER SPECIAL LAND DISTURBANCE CONCERNS. THE PERMIT HOLDER / SITE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEFICIENCIES. DEFICIENCIES MUST BE CORRECTED WITHIN SEVEN CALENDAR DAYS.
- DESCRIPTION OF B.M.P.'s (INTERIM & PERMANENT STABILIZATION PRACTICES/SCHEDULE)

1. ALL FILL OR BACKFILL OPERATIONS SHALL BE EXECUTED UNDER THE DIRECT SUPERVISION OF THE GEOTECHNICAL ENGINEER IF ONE HAS BEEN ENGAGED FOR THIS PROJECT. THE GEOTECHNICAL ENGINEER SHALL DETERMINE THE SUITABILITY AND ASCERTAIN COMPLIANCE WITH SPECIFICATION REQUIREMENTS OF ALL MATERIALS TO BE USED AS FILLS.

2. TOTAL LAND ESTIMATED TO BE DISTURBED = 0.50 ac. ±

3. THE PERMIT HOLDER SHALL ENSURE AND/OR CONDUCT REGULAR INSPECTIONS OF LAND DISTURBANCE SITES, INCLUDING ALL EROSION AND SEDIMENT AND OTHER POLLUTANT CONTROL MEASURES, OUTFALL, AND OFF-SITE RECEIVING WATERS OR SEWER SYSTEMS. REGULAR INSPECTIONS MUST BE CONDUCTED AT LEAST ONCE PER WEEK. IN ADDITION, INSPECTIONS MUST BE CONDUCTED AND REPORTED WITHIN 48 HOURS OF A RAINFALL EVENT THAT CAUSES STORM WATER RUNOFF ON SITE, AND AS RELATED TO OTHER SPECIAL LAND DISTURBANCE CONCERNS. THE PERMIT HOLDER / SITE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEFICIENCIES. DEFICIENCIES MUST BE CORRECTED WITHIN SEVEN CALENDAR DAYS.

4. DESCRIPTION OF B.M.P.'s (INTERIM & PERMANENT STABILIZATION PRACTICES/SCHEDULE)

- CONTRACTOR SHALL ESTABLISH PERIMETER SILTATION CONTROL PRIOR TO ANY CONSTRUCTION ACTIVITIES. AREAS REQUIRING MAJOR CLEARING OR GRADING PRIOR TO INSTALLATION OF SILTATION CONTROL SHALL BE COMPLETED IN A TIMELY MANNER AND SILTATION CONTROL SHALL BE ESTABLISHED IMMEDIATELY FOLLOWING.
- TEMPORARY CONSTRUCTION ENTRANCE SHALL BE INSTALLED WHERE THE ACCESS AREAS INTERSECT WITH PUBLIC ACCESS WAYS. DURING MUDDY CONDITIONS, DRIVERS OF VEHICLES WILL BE REQUIRED TO WASH THEIR WHEELS BEFORE ENTERING THE ROADWAY. WHERE SEEDMENT IS TRANSPORTED ONTO PUBLIC ACCESS WAYS, THE ROAD SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM THE ROAD BY SHOVELING OR SWEEPING. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER.
- UPON COMMENCEMENT OF INITIAL CLEARING AND GRUBBING OPERATIONS, AS WELL AS FUTURE GRADING OPERATIONS, TOPSOIL MUST BE STRIPPED FROM GRADED AREAS AND STOCKPILED FOR USE IN FINAL GRADING AND/OR EXCESS REMOVAL. THE STOCKPILES WILL BE KEPT ON SITE AND MUST STAY AWAY FROM ALL CONSTRUCTION ACTIVITY. THE STOCKPILE WILL BE STABILIZED WITH TEMPORARY VEGETATION TO PREVENT EROSION AND SEDIMENT TRANSPORT FROM THE STOCKPILE ITSELF UNTIL NEEDED.
- TEMPORARY ROADS SHALL FOLLOW THE CONTOUR OF THE NATURAL TERRAIN TO THE EXTENT POSSIBLE. SLOPES SHALL NOT EXCEED 10 PERCENT SLOPE.
- CONTRACTOR SHALL CLEAR AND GRUB THOSE AREAS OF THE SITE SCHEDULED FOR CONSTRUCTION. AREAS NOT SCHEDULED FOR IMMEDIATE CONSTRUCTION SHALL NOT BE CLEARED OF ESTABLISHED VEGETATION UNTIL REQUIRED. REMAINDER OF SITE SHALL BE GRADED, AS REQUIRED, CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF SILTATION CONTROL THROUGHOUT THE DURATION OF THE PROJECT.
- ALL PROPOSED TURF AREAS ONCE CONSTRUCTED TO FINAL GRADE SHALL BE SEED/ SOILED WITHIN 5 DAYS AFTER FINAL GRADING OF THE SITE. SEEDING SHALL BE COMPLETED WITHIN 14 DAYS OF FINAL GRADING. SEEDING SHALL BE COMPLETED WITHIN 14 DAYS OF FINAL GRADING. SEEDING, MULCHING OR MATTING SHALL BE USED.
- INSPECTION OF SILTATION CONTROL DEVICES SHALL TAKE PLACE ONCE EVERY SEVEN DAYS AND WITHIN 24 HOURS OF ANY HEAVY RAIN EVENT, ANY SILTATION CONTROL IN NEED OF REPAIR SHALL OCCUR IMMEDIATELY.
- ALL GRADING OPERATIONS ARE SUBJECT TO THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEERING REPORT IF ONE HAS BEEN PREPARED FOR THIS PROJECT.
- SEEDING CONTROLS SHALL ONLY BE REMOVED AFTER THE SITE IS COMPLETELY STABILIZED. VEGETATION IS WELL ESTABLISHED, AND ALL PAVED AREAS ARE INSTALLED.
- PLANNED RESPONSE TO LOSS OF CONTAINED SEDIMENT

- B.M.P.'s SHALL BE REPAIRED AND/OR REPLACED IMMEDIATELY, AS REQUIRED, TO STABILIZE SITE AND CONTAIN SEDIMENT LAZED RUNOFF. OFFSITE AREAS SHALL BE REVIEWED FOR EXTENT OF IMPACT FROM B.M.P. FAILURE. PERMIT HOLDER SHALL BE REQUIRED TO PROVIDE DOCUMENTATION OF THE B.M.P. MEASURES INSTALLED AND SCHEDULED MAINTENANCE AND REPAIRS. DOCUMENTATION OF ACTIONS AND REPORTING ARE REQUIRED TO BE PROVIDED TO CITY OF ST. LOUIS IF REQUESTED.
- CONTRACTOR IS RESPONSIBLE FOR INSTALLING ADDITIONAL B.M.P. MEASURES BEYOND THOSE SHOWN IF CONDITIONS DICTATE OR CURRENT MEASURES ARE INSUFFICIENT.

6. DESCRIPTION OF PERMANENT B.M.P.'s TO REMAIN AFTER CONSTRUCTION

- STORM DRAINS - THE FACILITY WILL BE SERVED BY A STORMWATER SYSTEM CONSISTING OF TWO PIPE. THE STORM SYSTEM WILL CONVEY STORMWATER TO COMBINED SEWERS LOCATED ON KINGSHIGHWAY BOULEVARD.
- TURF AREAS - TURF AREAS SHALL BE MAINTAINED TO INSURE SITE AREAS REMAIN STABILIZED UPON COMPLETION OF CONSTRUCTION ACTIVITIES.
- PAVED AREAS - AREAS SUBJECT TO VEHICLE AND PEDESTRIAN TRAFFIC SHALL BE PAVED AND KEPT IN GOOD REPAIR FOLLOWING COMPLETION OF CONSTRUCTION ACTIVITIES. MAINTENANCE SHALL BE THE OWNER'S RESPONSIBILITY.

7. ANY LAND CLEARING, CONSTRUCTION, OR DEVELOPMENT INVOLVING THE MOVEMENT OF EARTH SHALL BE IN ACCORDANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN, AND THE PERSON ISSUED THE BUILDING PERMIT ASSUMES AND ACKNOWLEDGES RESPONSIBILITY FOR COMPLIANCE WITH THE APPROVED STORM WATER POLLUTION PLAN AT THE SITE OF THE PERMITTED ACTIVITY.

8. DESCRIPTION OF B.M.P.'s TO PREVENT POTENTIAL POLLUTANTS

(CONSTRUCTION WASTES, TOXIC OR HAZARDOUS SUBSTANCES, PETROLEUM PRODUCTS, PESTICIDES, HERBICIDES, SITE LITTER, SANITARY WASTES, ETC.)

- SOLID NON-HAZARDOUS CONSTRUCTION WASTE - DISPOSE OF IN TRASH DUMPSTERS OR APPROVED EQUIVALENT IN A LOCATION APPROVED BY THE OWNER. POTENTIALLY SOLUBLE OR LEACHABLE SOLID WASTE SHALL BE STORED OFF THE GROUND AND IN COVERED LEAK-PROOF CONTAINERS. SOLID WASTE SHALL BE PROPERLY DISPOSED OF OFF-SITE ON A REGULAR BASIS.
- HAZARDOUS WASTE - HAZARDOUS WASTE SHALL BE SEGREGATED FROM NON-HAZARDOUS CONSTRUCTION SITE DEBRIS. LIQUID OR SEMI-LIQUID HAZARDOUS WASTE SHALL BE STORED IN APPROPRIATE CONTAINERS (CLOSED DRUMS OR SIMILAR) AND SHALL BE KEPT UNDER COVER. GRANULAR, SOLUBLE OR LEACHABLE HAZARDOUS WASTE MATERIALS SHALL BE STORED OFF THE GROUND AND IN COVERED LEAK-PROOF CONTAINERS. THE OWNER SHALL PROPERLY APPROVE ANY HAZARDOUS WASTE STORAGE AREA LOCATIONS.
- HAZARDOUS WASTE SHALL BE PROPERLY DISPOSED OF OFF-SITE ON A REGULAR BASIS BY A REPUTABLE, LICENSED HAZARDOUS WASTE HAULER.
- IF IT IS NOT THE INTENT OF THIS SWPPP TO SUPERSEDE OR REPLACE NORMAL SITE ASSESSMENT AND REMEDIATION PROCEDURES CONCERNING HAZARDOUS MATERIALS, SIGNIFICANT SPILLS AND/OR CONTAMINATION WARRANT AN IMMEDIATE RESPONSE BY TRAINED PROFESSIONALS. SUSPECTED JOB SITE CONTAMINATION SHOULD IMMEDIATELY BE REPORTED TO REGULATORY AUTHORITIES AND PROTECTIVE MEASURES TAKEN.
- FRESH CONCRETE WASTE AND CONCRETE EQUIPMENT WASHDOWNS SHALL BE CONTAINED AND SHALL BE STORED AWAY FROM DRAINAGE DITCHES, SWALES AND DRAINAGE STRUCTURES, WHERE APPROPRIATE. CONTAINMENT BERMS SHALL BE PLACED AROUND WASTE STORAGE AREAS.
- ON-SITE FUELING FACILITIES ARE REQUIRED TO ADHERE TO ALL APPLICABLE FEDERAL AND STATE REGULATIONS CONCERNING STORAGE AND DISPENSERS.
- PROVISIONS SHALL BE MADE SO THAT A SUFFICIENT NUMBER OF TEMPORARY TOILET FACILITIES ARE AVAILABLE TO SERVE THE NUMBER OF WORKERS ON-SITE.
- THE CONTRACTOR SHALL REFER TO THE MOST CURRENT EDITION OF ST. LOUIS COUNTY'S MODEL BEST MANAGEMENT PRACTICES (BMP) FOR LAND DISTURBANCE SEDIMENT AND EROSION CONTROL HANDBOOK FOR DETAILS AND SPECIFICATIONS.
- SEDIMENT SHALL BE WASHED FROM ALL VEHICLES AT WASH DOWN STATION PRIOR TO LEAVING THE SITE. NO TRACKING OF MUD ONTO CITY ROADS SHALL BE ALLOWED.

STATE OF MISSOURI
BRANDON A. HARP
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CIVIL ENGINEERING
DESIGN CONSULTANTS

Site Improvement Plans for
ROSALITA'S CANTINA RESTAURANT
1421 MEXICO LOOP ROAD EAST
OFALLON, MO 63366

Proj. # 2494

No.	Description	Date
To City	03/29/24	
To City	04/17/24	
To City	09/16/24	
To City	10/15/24	
To City	11/01/24	

**STORM WATER
POLLUTION
PREVENTION
PLAN & DETAILS**

DRAWING NO.

C13