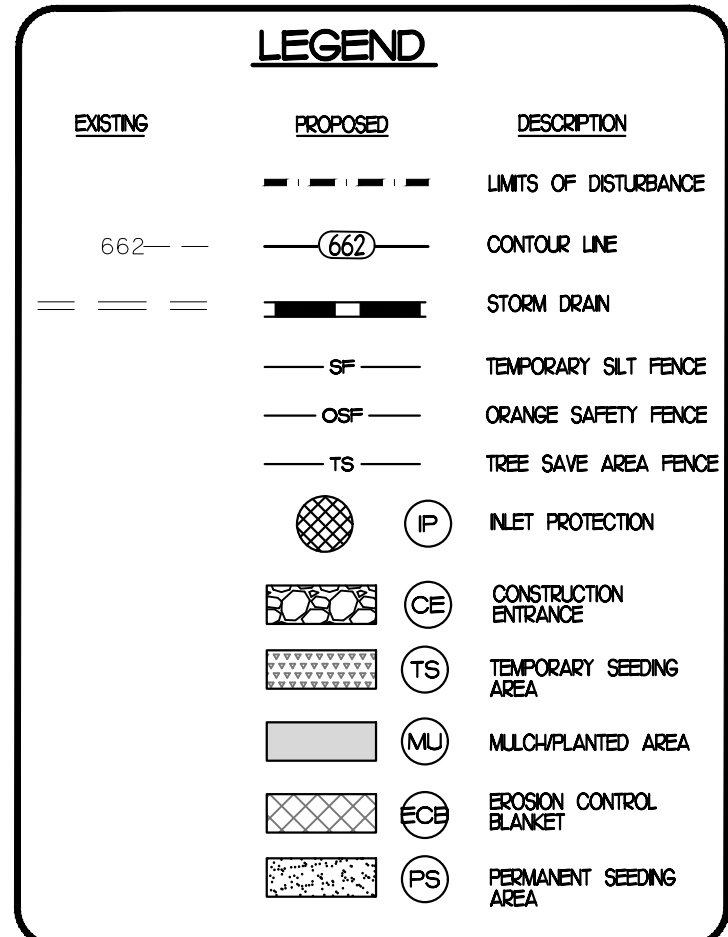
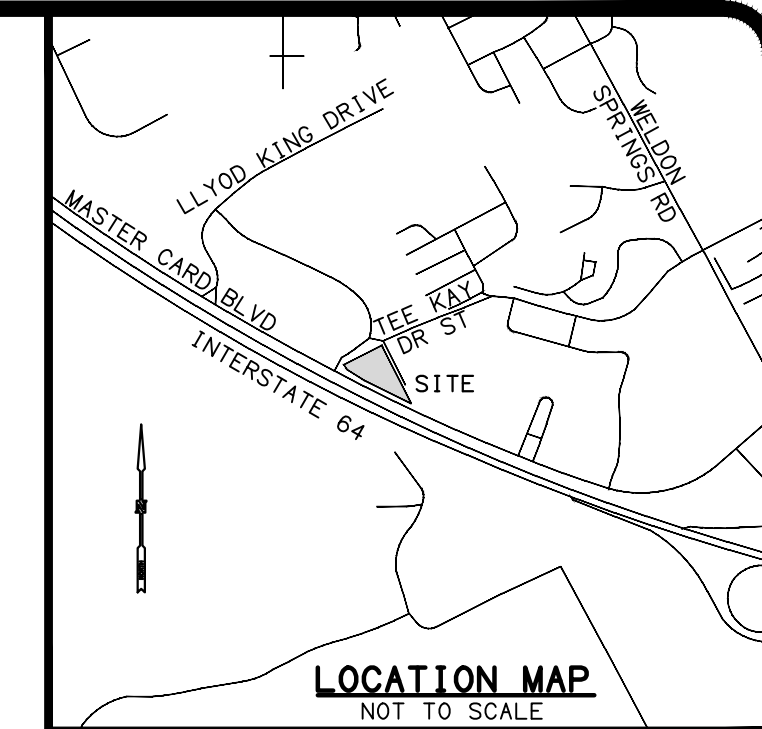


DISPOSAL OF SEDIMENT:
 NOTE: SEDIMENT REMOVED FROM Silt Fence, Inlet Protection, Sediment Ponds and Traps, ETC. DURING THE COURSE OF CONSTRUCTION, SHALL BE PLACED ON THE TOPSOIL STOCKPILE AND RESPIRED AT THE END OF THE PROJECT. SEDIMENT REMOVED FROM THESE ITEMS AFTER THE SITE HAS BEEN SEED, SHALL BE HAULLED OFF SITE AND DISPOSED OF AT AN APPROVED, LICENSED SPOIL AREA THAT IS IN FULL COMPLIANCE WITH THE NPDES REGULATIONS. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY APPROVALS NECESSARY TO ALLOW FOR THE DISPOSAL OF THIS MATERIAL. F HAULLED OFF-SITE.

SOILS ON SITE:
 • USDA MAP LANT SYMBOL 6024: HARVESTER-URBAN LAND COMPLEX 2 TO 9 PERCENT SLOPES (HYDROLOGIC SOIL GROUP C)

INSTALL Silt Fence. ENSURE SIDEWALK REMAINS OPEN AS LONG AS PRACTICAL. ONCE SEWER WORK IS COMPLETE SIDEWALK IS TO BE REPLACED/OPEN AS SOON AS PRACTICAL.



NO JURISDICTIONAL WETLANDS OR STREAMS LOCATED OR IMMEDIATELY ADJACENT TO SITE

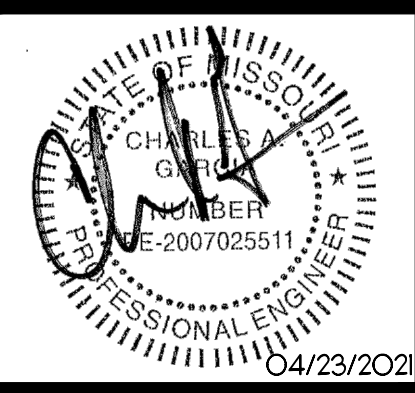
CONTRACTOR TO LOCATE PORT-O-JOANS, CONSTRUCTION TRAILER, ETC. ON SITE MAP TO BE MAINTAINED ON-SITE

CONTRACTOR TO REFERENCE LANDSCAPE PLAN FOR INFORMATION ON STABILIZATION TYPE FOR SEED, SOG, AND MULCH

CONTRACTOR SHALL USE EXTREME CAUTION WHILE WORKING UNDERNEATH OVER-HEAD POWER LINES. ANY DAMAGE TO THE EXISTING UTILITY POLES AND UTILITY LINES SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE.

REVISIONS	BY

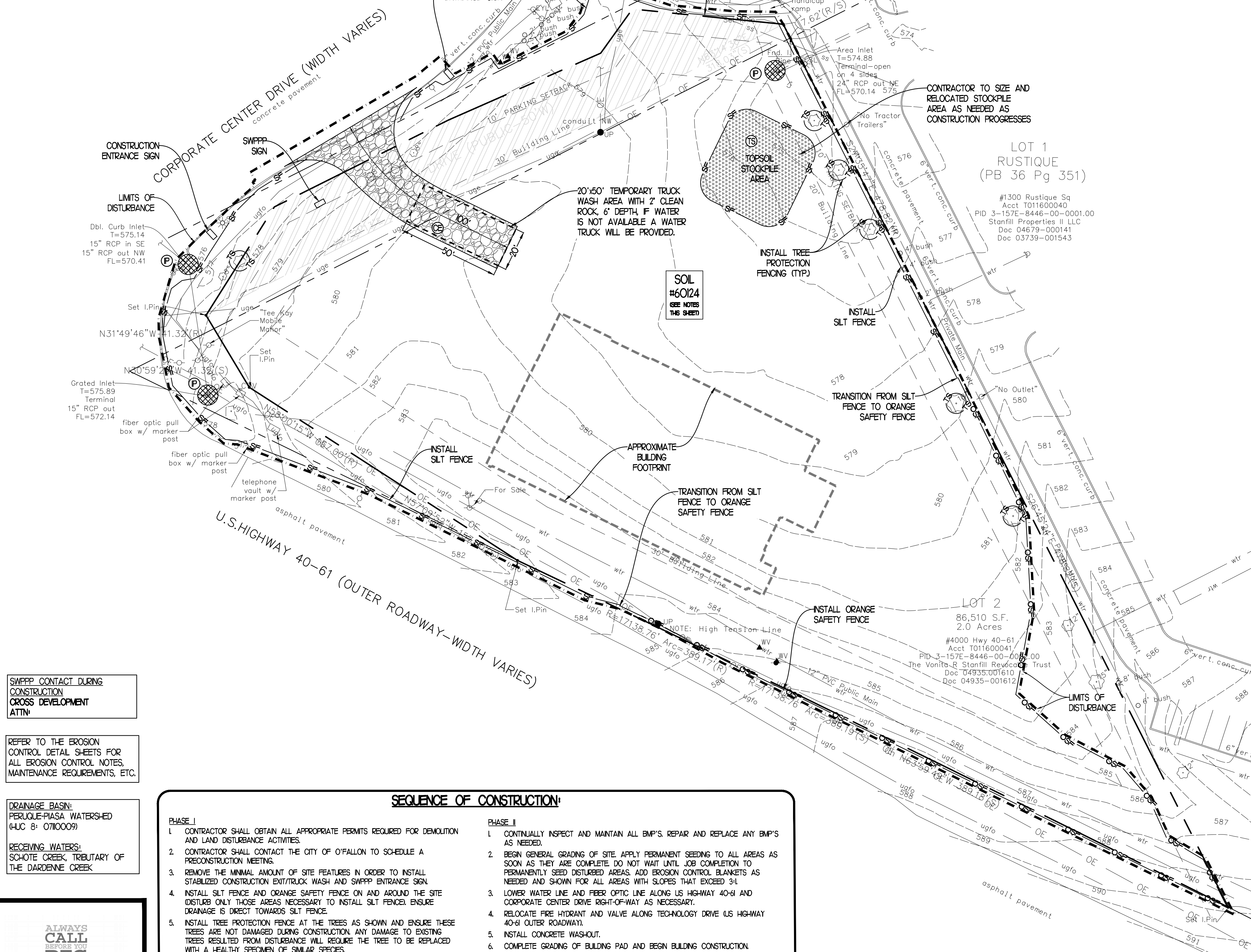
PLANS PREPARED BY:
 Charles A. Garcia, P.E.
 Missouri Professional Engineering License #200702551
 209 West Stone Avenue
 Greenville, South Carolina 29609
 864-233-5497



CALIBER COLLISION
 700 CORPORATE CENTRE DRIVE
 O'FALLON, MO 63368
 CROSS DEVELOPMENT CO. OF FALLON, LLC.
 4838 MARSH RIDGE ROAD
 CHARRLTON, TX 75010
 TEL: (214) 614-8822

DRAWN	BAC
CHECKED	TMB
DATE	03/19/2021
SCALE	

DRAWING
 6



EROSION CONTROL MAINTENANCE PLAN:

- ALL SLOPES 3:1 AND STEEPER SHALL RECEIVE A CURLEX BLANKET OR APPROVED EQUAL, IN ADDITION TO HYDROSEEDING. TEMPORARY BERMS MAY BE NEEDED DAILY UNTIL ALL SLOPES ARE BROUGHT TO GRADE.
- EXCEPT AS NOTED BELOW, STABILIZATION SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN SEVEN DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS PERMANENTLY CEASED. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE SEVENTH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS CONDITIONS ALLOW. WHERE CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN 14 DAYS FROM WHEN ACTIVITY CEASED, E.G., THE TOTAL TIME PERIOD THAT CONSTRUCTION ACTIVITY IS TEMPORARILY HALTED IS LESS THAN 14 DAYS THEN STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE SEVENTH DAY AFTER CONSTRUCTION ACTIVITIES HAVE TEMPORARILY CEASED. AREAS WHERE THE SEED HAS FAILED TO GERMINATE ADEQUATELY (UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 70% WITHIN 30 DAYS AFTER SEEDING AND MULCHING MUST BE RE-SEEDING IMMEDIATELY, OR AS SOON AS WEATHER CONDITIONS ALLOW. PERMANENT STABILIZATION FOR ALL DISTURBED AREAS IS TO BE COMPLETE WITHIN 90 WORKING DAYS OR 90 CALENDAR DAYS (WHICHEVER IS SHORTER) FOLLOWING COMPLETION OF CONSTRUCTION. DIVERSIONS MUST BE STABILIZED PRIOR TO BECOMING FUNCTIONAL.
- ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED AND CORRECTED EVERY SEVEN (7) DAYS, ESPECIALLY WITHIN 48 HOURS OF ANY RAIN STORM RESULTING IN ONE QUARTER (0.25) INCH OF RAIN OR MORE. ANY Silt OR DEBRIS LEAVING THE SITE AND AFFECTING PUBLIC RIGHT OF WAY OR STORM WATER DRAINAGE FACILITIES SHALL BE CLEANED UP WITHIN 24 HOURS AFTER THE END OF THE STORM. DAMAGED OR INEFFECTIVE DEVICES SHALL BE REPAIRED AND REPLACED AS NECESSARY.
- PROVIDE Silt FENCE AND/OR OTHER EROSION CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION.
- ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL EROSION CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFF-SITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
- THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO THE PAVED ROADWAY FROM CONSTRUCTION AREAS. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
- TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
- EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
- CONTRACTOR SHALL PROVIDE EROSION CONTROL BLANKETS ON ALL SLOPES STEEPER THAN 3:1. CONTRACTOR HAS THE OPTION TO UTILIZE SOG IN LIEU OF AN EROSION CONTROL BLANKET (TYPICAL).

SWPPP CONTACT DURING CONSTRUCTION CROSS DEVELOPMENT ATTN

REFER TO THE EROSION CONTROL DETAIL SHEETS FOR ALL EROSION CONTROL NOTES, MAINTENANCE REQUIREMENTS, ETC.

DRAINAGE BASIN:
 PERLOLE-PIASA WATERSHED (LUC 8: 0710009)
RECEIVING WATERS:
 SCOTTE CREEK, TRIBUTARY OF THE DARDENNE CREEK



EVERY DIGGING JOB REQUIRES A CALL - EVEN SMALL PROJECTS LIKE PLANTING TREES OR SHEDS. IF YOU HIT AN UNDERGROUND UTILITY LINE WHILE DIGGING, YOU CAN HARM YOURSELF OR THOSE AROUND YOU. DISRUPT SERVICE TO AN ENTIRE NEIGHBORHOOD AND POTENTIALLY BE RESPONSIBLE FOR FINES AND REPAIR COSTS. SMART DIGGING MEANS CALLING 811 BEFORE EACH JOB. WHETHER YOU ARE A HOMEOWNER OR A PROFESSIONAL EXCAVATOR, WE CALL TO 811 GETS YOUR UNDERGROUND UTILITY LINES MARKED FOR FREE.

SEQUENCE OF CONSTRUCTION:

- | PHASE I | PHASE II |
|--|---|
| 1. CONTRACTOR SHALL OBTAIN ALL APPROPRIATE PERMITS REQUIRED FOR DEMOLITION AND LAND DISTURBANCE ACTIVITIES. | 1. CONTINUALLY INSPECT AND MAINTAIN ALL BMP'S. REPAIR AND REPLACE ANY BMP'S AS NEEDED. |
| 2. CONTRACTOR SHALL CONTACT THE CITY OF O'FALLON TO SCHEDULE A PRECONSTRUCTION MEETING. | 2. BEGIN GENERAL GRADING OF SITE. APPLY PERMANENT SEEDING TO ALL AREAS AS SOON AS THEY ARE COMPLETE DO NOT WAIT UNTIL JOB COMPLETION TO PERMANENTLY SEED DISTURBED AREAS. ADD EROSION CONTROL BLANKETS AS NEEDED AND SHOWN FOR ALL AREAS WITH SLOPES THAT EXCEED 3:1. |
| 3. REMOVE THE MINIMAL AMOUNT OF SITE FEATURES IN ORDER TO INSTALL STABILIZED CONSTRUCTION EXIT/TRUCK WASH AND SWPPP ENTRANCE SIGN. | 3. LOWER WATER LINE AND FIBER OPTIC LINE ALONG US HIGHWAY 40-61 AND CORPORATE CENTER DRIVE RIGHT-OF-WAY AS NECESSARY. |
| 4. INSTALL Silt FENCE AND ORANGE SAFETY FENCE ON AND AROUND THE SITE (DISTURB ONLY THOSE AREAS NECESSARY TO INSTALL Silt FENCE). ENSURE DRAINAGE IS DIRECT TOWARDS Silt FENCE. | 4. RELOCATE FIRE HYDRANT AND VALVE ALONG TECHNOLOGY DRIVE (US HIGHWAY 40-61 OUTER ROADWAY). |
| 5. INSTALL TREE PROTECTION FENCE AT THE TREES AS SHOWN AND ENSURE THESE TREES ARE NOT DAMAGED DURING CONSTRUCTION. ANY DAMAGE TO EXISTING TREES RESULTED FROM DISTURBANCE WILL REQUIRE THE TREE TO BE REPLACED WITH A HEALTHY SPECIMEN OF SIMILAR SPECIES. | 5. COMPLETE GRADING OF BUILDING PAD AND BEGIN BUILDING CONSTRUCTION. |
| 6. INSTALL INLET PROTECTION AT EXISTING STORM PIPES AROUND PERIMETER OF THE SITE. | 7. INSTALL MULTIPLEX PATH ALONG TECHNOLOGY DRIVE (US HIGHWAY 40-61 OUTER ROADWAY) AND SIDEWALK ALONG CORPORATE CENTER DRIVE. |
| 7. REMOVE THE REMAINING EXISTING SITE FEATURES AS SHOWN ON DEMOLITION PLAN. | 8. INSTALL REMAINING UTILITIES, STORM SEWERS, AND STORM DRAIN STRUCTURES. INSTALL INLET PROTECTION MEASURES AS EACH CATCH BASIN IS INSTALLED. ENSURE WATER QUALITY DEVICE IS IN PLACE PRIOR TO ALLOWING RUNOFF TO EXISTING STORM SEWER SYSTEM. |
| 8. INSTALL TEMPORARY STOCKPILE AREA (PROVIDE TEMPORARY SEEDING AND INSTALL Silt FENCE AROUND STOCKPILE). | 9. INSTALL CURB AND GUTTER AND FINE GRADE PARKING AREAS. STONE BASE SHALL BE INSTALLED IN ALL PAVED AREAS AS SOON AS PRACTICABLE. CONSTRUCTION EXIT SHALL BE REMOVED ONLY ONCE THE BUILDING PAD, PARKING LOT, AND DRIVEWAY HAVE BEEN STABILIZED WITH STONE BASE. |
| 9. INSTALL TEMPORARY SEEDING AND MULCH STABILIZATION TO ALL AREAS WHERE WORK WILL BE CEASED FOR A PERIOD OF MORE THAN 14 DAYS. | 10. PAVE SITE AND INSTALL APPROPRIATE INLET PROTECTION DEVICES FOR PAVED AREAS AS WORK PROGRESSES. |
| | 11. COMPLETE BUILDING CONSTRUCTION, SIDEWALKS, PLANTINGS, ETC. |
| | 12. REMOVE TEMPORARY BMP'S AS SOON AS THEIR CONTRIBUTING DRAINAGE AREAS HAVE BEEN STABILIZED. SEED AND MULCH ANY DISTURBANCE FROM REMOVAL OF TEMPORARY BMP'S. |
| | 13. CONTACT MISSOURI DEPARTMENT OF ENVIRONMENTAL QUALITY FOR FINAL INSPECTION AND OWNER FOR COORDINATION OF FILING THE NOTICE OF TERMINATION (NOT). |

ACREAGE SUMMARY (IN ACRES)

TOTAL PARCEL AREA	2.19
ON-SITE DISTURBED AREA	2.05
OFF-SITE DISTURBED AREA	0.30
TOTAL DISTURBED AREA	2.35
IMPERVIOUS AREA PRE-CONSTRUCTION (ALLOWABLE - ON-SITE ONLY)	2.19
PERVIOUS AREA PRE-CONSTRUCTION (ON-SITE ONLY)	0.00
IMPERVIOUS AREA POST-CONSTRUCTION (ON-SITE ONLY)	1.10
PERVIOUS AREA POST-CONSTRUCTION (ON-SITE ONLY)	1.09
IMPERVIOUS AREA DECREASE (ALLOWABLE VS POST) (ON-SITE ONLY)	1.10

ESC PHASE I

