Erosion Control Notes:

1. CLEARING AND GRUBBING SHALL BE THE MINIMUM NECESSARY FOR GRADING AND EQUIPMENT OPERATION.

2. SEQUENCE CONSTRUCTION TO MINIMIZE EXPOSURE TIME OF CLEARED AREA.

3. STABILIZE CLEARED AREA BEFORE PROCEEDING TO CLEAR ANOTHER BY TEMPORARILY OR PERMANENTLY PROTECTING THE DISTURBED SOIL SURFACE FROM RAINFALL IMPACTS AND RUNOFF.

4. EROSION AND SEDIMENT CONTROL MEASURES MUST BE IN PLACE AND FUNCTIONAL BEFORE EARTH MOVING OPERATIONS BEGIN.

5. ALL CONTROL MEASURES MUST BE PROPERLY CONSTRUCTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.

6. INSPECT ALL EROSION AND SEDIMENT CONTROL MEASURES TWICE WEEKLY, A MINIMUM OF 72 HOURS APART AND AFTER EACH RAINFALL PER TDEC CONSTRUCTION GENERAL PERMIT REQUIREMENTS. DAILY CHECKING IS REQUIRED DURING PROLONGED RAINFALL. MAINTAIN A RAIN GAUGE ON SITE WITH A PERMANENT RAINFALL LOG. MAINTAIN A PERMANENT LOG OF CHECKS AND MAINTENANCE MEASURES.

7. KEEP CONSTRUCTION DEBRIS FROM ENTERING THE SWALES, DITCHES AND STREAM CHANNEL.

8. PROMPTLY BACKFILL AND STABILIZE TRENCHES AND/OR PITS.

9. DESIGNATE A SPECIFIC QUALIFIED INDIVIDUAL TO BE RESPONSIBLE FOR EROSION AND SEDIMENT CONTROLS AND TO KEEP THE PERMANENT JOB LOG. THE PERSON RESPONSIBLE FOR MAINTAINING THE EROSION CONTROL MEASURES AND LOG SHALL HAVE THE APPROPRIATE CERTIFICATION AS REQUIRED BY TDEC. A COPY OF THIS CERTIFICATION SHALL BE MAINTAINED AT THE JOB SITE.

10. EROSION CONTROLS ARE NOT LIMITED TO THE SPECIFIED PRACTICES; HOWEVER, ALTERNATIVE MEASURES MUST BE AT LEAST AS EFFECTIVE IN CONTROLLING EROSION AND SEDIMENTATION.

11. DO NOT DESTROY, REMOVE, OR DISTURB VEGETATIVE GROUND COVER MORE THAN 10 CALENDAR DAYS PRIOR TO GRADING.

12. APPLY TO AREAS THAT WILL REMAIN UNFINISHED FOR MORE THAN 14 CALENDAR DAYS APPROPRIATE ANNUAL VEGETATION FOR TEMPORARY SOIL STABILIZATION.

13. APPLY AS SOON AS POSSIBLE AFTER FINAL GRADING PERMANENT SOIL STABILIZATION WITH PERENNIAL VEGETATION. BUT NO MORE THAN 14 CALENDAR DAYS AFTER FINAL GRADING.

14. INSTALL STAKED AND ENTRENCHED MULCH SOCKS AND/OR SILT FENCE ALONG THE BASE OF ALL BACKFILLS AND CUTS, ON THE DOWNHILL SIDE OF STOCKPILED SOIL, AND ALONG STREAM BANKS IN CLEARED AREAS TO PREVENT EROSION INTO STREAM. DO NOT PLACE SILT FENCE IN FLOWING STREAM.

15. DIVERT ALL SURFACE WATER FLOWING TOWARD THE CONSTRUCTION AREA AROUND THE CONSTRUCTION AREA BY THE USE OF DIKES, BERMS, CHANNELS, OR SEDIMENT TRAPS, AS NECESSARY.

16. ALL EROSION CONTROL MEASURES SHALL MEET OR EXCEED THE MINIMUM REQUIREMENTS OF THE CITY OF MEMPHIS AND TDEC.

17. EROSION CONTROL MEASURES MUST BE APPROPRIATELY ADJUSTED, RELOCATED, AND MODIFIED IN ACCORDANCE WITH APPLICABLE REQUIREMENTS AND REGULATIONS TO ADDRESS CHANGING SITE CONDITIONS AS THE PROJECT PROGRESSES.

18. IF THE EROSION CONTROL MEASURES SELECTED AND CONSTRUCTED FAIL TO ADEQUATELY CONTROL EROSION AND OFF-SITE SEDIMENT TRANSPORT, ALTERNATIVE METHODS MUST BE USED AND APPROVED BY THE DIVISION OF ENGINEERING AND TDEC. INADEQUATELY CONTROLLED EROSION IS A VIOLATION OF MEMPHIS ORDINANCES AND TENNESSEE STATE LAW AND WILL NOT BE PERMITTED.

19. ANY EROSION CONTROL MEASURES SHOWN HERE ARE INTENDED AS A MINIMUM GUIDE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EROSION CONTROLS NECESSARY TO COMPLY WITH ALL APPLICABLE CITY, STATE AND FEDERAL LAWS.

20. EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, THEN ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL AND/OR TREAT THE SEDIMENT SOURCE BEFORE LAND AND/OR AQUATIC DISTURBANCE MAY CONTINUE.

21. PROTECT INLETS DURING CONSTRUCTION. KEEP SEDIMENT OUT OF THE STORM DRAINAGE SYSTEM. MODIFY PROTECTION AS CONSTRUCTION PROGRESSES. INSPECT AND MODIFY INLET PROTECTIONS AS NECESSARY TO INSURE SATISFACTORY TRAPPING OF SEDIMENT.

Site Preparation Notes:

1. BEFORE ANY LAND DISTURBING ACTIVITY BEGINS DOWNSLOPE AND SIDE SLOPE PERIMETER EROSION CONTROLS MUST BE IN PLACE.

2. PRIOR TO THE PLACEMENT OF ANY FILL OR PAVEMENT CONSTRUCTION, ALL TOPSOIL, SURFACE VEGETATION, AND ANY SOFT OR LOOSE SOILS SHALL BE COMPLETELY REMOVED FROM THE PROPOSED CONSTRUCTION AREAS. TOPSOIL OR OTHER SUCH MATERIAL CONTAINING ORGANIC MATTER SHALL NOT BE USED AS FILL BUT MAY BE STOCKPILED AND USED FOR LANDSCAPING PURPOSES.

3. ISOLATED SOFT OR LOOSE AREAS, WHICH ARE UNDERCUT, SHOULD BE BACKFILLED WITH MATERIAL COMPACTED TO THE REQUIRED DENSITY AND IN THE MANNER SPECIFIED BY THE SOILS ENGINEER.

4. IN AREAS TO BE FILLED OR PAVED, THE SURFACE OF THE STRIPPED SOIL SHOULD BE DISKED OR SCARIFIED TO A DEPTH OF 6 INCHES AND RECOMPACTED BEFORE PLACING FILL OR PAVEMENT BASE MATERIAL.

5. PLACE ANY FILL REQUIRED TO RAISE THE GRADE OF THE SITE IN 6 INCH LAYERS AND COMPACT.

6. ALL NEWLY CUT OR FILLED AREAS ARE TO BE FERTILIZED, MULCHED, AND SEEDED AND/OR SODDED TO ADEQUATELY CONTROL SOIL EROSION (INCLUDING ALL BANK STABILIZATION, DITCH IMPROVEMENT AND ANY OTHER WORK THAT INVOLVES EARTHWORK). FERTILIZE, MULCH AND SEED MIX AND/OR SOD SHALL BE APPROVED BY PROJECT ENGINEER OR LANDSCAPE ARCHITECT.

7. THE MAXIMUM ALLOWABLE SLOPE ON THIS PROJECT SHALL BE A 3:1 SLOPE.

8. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR HAULING, GRADING, AND DUMPING.

9. A STRAIGHT GRADE SHALL BE MAINTAINED BETWEEN THE SPOT ELEVATIONS AND PROPOSED CONTOURS SHOWN ON THE PLAN. ALL ELEVATIONS ARE TO FINISHED GRADE UNLESS OTHERWISE INDICATED.

10. FOR UNDERGROUND UTILITY LOCATIONS CALL 1-800-351-1111.

11. TWENTY-FOUR (24) HOURS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR MUST NOTIFY THE CITY OF MEMPHIS CONSTRUCTION INSPECTION OFFICE AT 729-2462.

12. ALL DESIGN, CONSTRUCTION, AND MATERIAL SHALL BE IN COMPLIANCE WITH THE CITY OF MEMPHIS AND SHELBY COUNTY CONSTRUCTION SPECIFICATIONS AND STANDARDS.

13. ENGINEER'S CERTIFICATION: THE PUBLIC IMPROVEMENTS FOR THIS PROJECT HAVE BEEN DESIGNED IN ACCORDANCE WITH THE CITY OF MEMPHIS DRAINAGE MANUAL AND THE MEMPHIS AND SHELBY COUNTY SUBDIVISION REGULATIONS.

Construction Notes:

1. THE LOCATION OF EXISTING UNDERGROUND UTILITIES IS APPROXIMATE AND IS NOT NECESSARILY ALL OF SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE APPROPRIATE UTILITY COMPANY TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES AND/OR UNDERGROUND STRUCTURES PRIOR TO THE INITIATION OF ANY CONSTRUCTION. CONTRACTOR SHALL ALSO ASSUME FULL RESPONSIBILITY FOR DAMAGE TO ANY UTILITIES ENCOUNTERED WITHIN CONSTRUCTION PERIMETERS. FOR SITE LOCATION OF EXISTING UTILITIES INVOLVING M.L.G.&W., BELLSOUTH AND/OR TEXAS GAS COMPANY, PLEASE CALL 1-800-351-1111. FOR SEWER SERVICE LOCATIONS, CALL 529-8025.

2. NO TRAFFIC CONTROL PLAN IS INCLUDED IN THIS SET. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PREPARE A TRAFFIC CONTROL PLAN FOR APPROVAL. NOTHING IN THIS PLAN IS INTENDED TO SUPERSEDE OR RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF INSTALLING APPROPRIATE TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE CURRENT MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.

3. NO WORK SHALL BE STARTED UNTIL THE CONTRACTOR'S PLAN FOR THE STAGING OF OPERATIONS HAS BEEN ACCEPTED BY THE ENGINEER.

General Notes:

1. PROPERTY LINES SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION. GRADING, CLEARING AND THE ERECTION OR REMOVAL OF FENCES ALONG PROPERTY LINES SHALL BE FULLY COORDINATED WITH ADJACENT PROPERTY OWNERS.

2. VERIFY SITE CONDITIONS PRIOR TO CONSTRUCTION. NOTIFY THE PROJECT ENGINEER OF ANY VARIATIONS PRIOR TO COMMENCEMENT OF WORK.

3. ALL GRADING WORK SHALL BE PERFORMED IN SUCH A MANNER THAT ADJACENT PROPERTIES ARE NOT DAMAGED OR ADVERSELY AFFECTED.

4. NEWLY CUT OR FILLED EMBANKMENTS SHALL BE SODDED SOLID OR SEEDED, MULCHED AND STAKED TO ADEQUATELY PREVENT SOIL EROSION.

5. THE LOCATION OF ALL EXISTING UTILITIES SHALL BE VERIFIED PRIOR TO CONSTRUCTION. ALL WORK SHALL BE PERFORMED IN A MANNER TO INSURE THAT EXISTING UTILITIES ARE NEITHER INTERFERED WITH NOR DISRUPTED.

6. ALL FILL AREAS AND/OR TRENCH BACKFILL SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY IN 6" LIFTS WITH MOISTURE CONTENT NOT TO EXCEED ±3% OF OPTIMUM. JETTING OR FLOODING OF TRENCHES OR OTHER BACKFILL IS NOT ALLOWED.

7. THE CONTRACTOR PERFORMING THE SITE WORK SHALL VERIFY THAT ALL UTILITY TRENCHES -EXISTING & NEW- HAVE BEEN ADEQUATELY COMPACTED TO SUPPORT THE INTENDED LOADS AS SPECIFIED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY PAVING OR TRENCH FAILURES.

8. ALL PARKING AREAS ACCESSED FROM THE LOOP ROAD MUST REMAIN ACCESSIBLE DURING CONSTRUCTION. A COUNTY ENGINEERING REPRESENTATIVE WILL BE AVAILABLE TO ASSIST THE CONTRACTOR WITH THIS COORDINATION.

9. AT THE END OF THE PROJECT, THE CONTRACTOR SHALL COMPLETELY RESTORE THE AREA USED FOR STAGING OF EQUIPMENT AND THE STOCKPILING OF MATERIAL.

Utility Owners

Electric:
Memphis Light, Gas, and Water
Brunswick Service Center
Memphis, Tennessee
Ph. (901) 528-4333
Rep. Keenan Wilburn

Water:
Memphis Light, Gas, and Water
220 South Main Street
Memphis, Tennessee 38103
Ph. (901) 528-4720
Rep. Quinton Clark

Gas:
Memphis Light, Gas, and Water
Brunswick Service Center
Memphis, Tennessee
Ph. (901) 321-6935
Rep. Jason Simon

Sewer:
The City of Memphis
125 North Main Street, Room 639
Memphis, Tennessee 38103
Ph. (901) 576-6725
Rep. Gary W. Vaden

Lighting:
Memphis Light, Gas, and Water
Brunswick Service Center
Memphis, Tennessee
Ph. (901) 528-4183
Rep. Ron Couturier

Telephone:
BellSouth TeleCommunications
3845 Outland Road
Memphis, Tennessee 38118
Ph. (901) 362-9213
Rep. John Cowart

Lighting:
To initiate an LOL
work request call
Ph. (901) 367-3343
Option 2

Cable:
Comcast Communications
5450 Winchester Road
Memphis, Tennessee 38115
Ph. (901) 365-1770 ext. 4145
Rep. Wade Chillis

Scope of Work
for
The Peggy Edmiston Administration Center

The work will provide additional parking, which includes curb and gutter, asphalt pavement, improvements to the existing drainage system, new drainage pipe and structures, handicap access improvements, and preservation of existing trees. The work will require the removal of some trees, existing curb and gutter, drainage structures and pipe, pavements, walks and ramps.

SR CONSULTING, LLC
ENGINEERING – PLANNING
LANDSCAPE ARCHITECTURE
5909 Shelby Oaks Drive
Suite 200
Memphis TN 38134
901-373-0380
(fax) 373-0370
info@SRCE-memphis.com

REVISIONS
CIP PROJECT No. 100102

ITEM No.	DESCRIPTION OF CHANGE	APPROVAL DATE

RICHARD L. WELLS
REGISTERED ENGINEER
AGRICULTURAL
CERTIFICATE No. 011584
STATE OF TENNESSEE
3-13-13

DIVISION OF PUBLIC WORKS

GENERAL NOTES

SHELBY COUNTY, TN

SURVEY Milestone Land Surveying, Inc. DATE 4/03 BOOK
DRAFTED SR Consulting, LLC DATE 3/13 SCALE none
DESIGN SR Consulting, LLC DATE 3/13 CHECKED DATE

SHEET 1 of 1

SHEET 2 of 11

Rob S:\2012\2012-0109 Stage 4 - Peggy Edmiston\02-notes.dwg Mar 13, 2013 - 11:03am