"Little MO" says BEFORE , You dig! 1-800-DIG-RITE

GRADING AND EROSION CONTROL PLAN NOTES

- 1. CONTRACTOR SHALL MAINTAIN EROSION CONTROL AND POSITIVE STORM WATER RUNOFF DURING CONSTRUCTION. ALL SILT AND AND OTHER DEBRIS SHOULD BE CONTAINED ON SITE AND THAT INCLUDES BUT NOT LIMITED TO MUD ON CITY STREETS.
- 2. ALL DISTURBED AREAS NOT PAVED SHALL BE FERTILIZED, SEEDED, AND MULCHED IN ACCORDANCE WITH THE MISSOURI DEPARTMENT OF NATURAL RESOURCES STANDARDS AT THE CONCLUSION OF THE GRADING OPERATIONS.
- 3. CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO PROTECT THE ADJOINING PROPERTIES FROM THE DELETERIOUS EFFECTS OF EROSION UNTIL PROJECT COMPLETION AND ACCEPTANCE.
- 4. SOIL UNDER PAVED AREAS SHALL BE COMPACTED IN ACCORDANCE WITH THE CITY OF O'FALLON STANDARD SPECIFICATIONS FOR STREET CONSTRUCTION.
- 5. ALL FINISHED GRADE SPOT ELEVATIONS INDICATED HEREON AT CONCRETE CURB SECTIONS ARE THE PROPOSED FINISHED GUTTER ELEVATION, UNLESS OTHERWISE NOTED.
- 6. ALL FINISHED GRADE CONTOURS ARE TO THE TOP OF THE FINAL SURFACE COURSE OF CONCRETE OR EARTH.
- 7. 6" OF TOPSOIL SHALL BE STRIPPED UNDER ALL FILL AREAS.
- 8. REFER TO SHEET CO7.0 FOR EROSION CONTROL NOTES AND DETAILS.
- 9. FULL TRENCH DEPTH COMPACTED GRANULAR BACKFILL AT ALL LOCATIONS WHERE PROPOSED UTILITIES CROSS UNDER PROPOSED PAVEMENT AREAS.
- 10. WHEN ROCK IS ENCOUNTERED IN PIPE TRENCHES, A MINIMUM 6" CUSHION OF CRUSHED AGGREGATE IS REQUIRED.
- 11. EROSION CONTROL BLANKET OR SOD SHALL BE PLACED ON SLOPES THAT ARE GREATER THAN 3:1.
- 12. EROSION CONTROL MEASURES WILL BE MAINTAINED BY THE CONTRACTOR UNTIL APPROVED PERMANENT VEGETATION IS
- 13. ALL SIDEWALKS AND HANDICAPPED STALLS AND ACCESSIBLE ROUTES SHALL BE IN ACCORDANCE WITH THE ADA STANDARDS.
- 14. ALL WALKS TO HAVE CROSS SLOPE DRAINING AWAY FROM BUILDING. MAXIMUM CROSS SLOPE GRADE TO BE 2.0%

LEGEND

XXX.XX = SPOT ELEVATION (TOP OF PAVEMENT)

|TW-XXX.XX| = TOP OF WALL ELEVATION

|BW-XXX.XX| = BOTTOM OF WALL ELEVATION

FF-XXX.XX = FINISHED FLOOR ELEVATION

XXX.XX = EXISTING ELEVATION

ESTIMATED EARTHWORK QUANTITIES_

±25,880 CUBIC YARD

ADJUSTED FILL(15% SHRINKAGE FACTOR): <u>±21,255 CUBIC YARD</u>

4,625 CUBIC YARD (HEAVY)

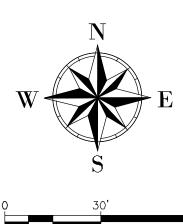
THE ENGINEER HAS CALCULATED THE ABOVE QUANTITIES OF EARTHWORK TO BE REGARDED AS AN ESTIMATE OF THE BULK MOVEMENT OR REDISTRIBUTION OF SOILS ON THIS PROJECT. AS AN ESTIMATE, THESE QUANTITIES ARE INTENDED FOR GENERAL USE, AND THE ENGINEER ASSUMES NO LIABILITY FOR COST OVERRUNS DUE TO EXCESS EXCAVATED MATERIALS OR SHORTAGES OF FILL.

THE QUANTITIES ESTIMATED FOR EACH OF THE IMPROVEMENT ITEMS LISTED AS PROPOSED ON THE SITE ENGINEERING PLANS PREPARED BY ABOVE ARE BASED UPON THE HORIZONTAL AND VERTICAL LOCATION OF PICKETT, RAY & SILVER, INC.

THE ENGINEER'S EARTHWORK ESTIMATE DOES NOT INCLUDE ANY OF THE FOLLOWING ITEMS REQUIRING EARTHWORK THAT MAY BE NECESSARY FOR COMPLETION OF THE PROJECT: MISCELLANEOUS UNDERGROUND CONDUITS, INCLUDING SEWER LINES AND WATER MAINS, STANDARD MANHOLES; PROCESS OR TRANSFER PIPING; ELECTRICAL OR TELEPHONE CONDUITS; BASES FOR LIGHT STANDARDS; BUILDING FOOTINGS AND FOUNDATIONS, ETC.

THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACTUAL SIZE OF THE FIELD EXCAVATIONS MADE FOR THE INSTALLATION OF UNDERGROUND STRUCTURES, AND AS SUCH, THE ACTUAL QUANTITIES OF EARTHWORK FROM SUCH ITEMS MAY VARY FROM THE ESTIMATE

THE ABOVE QUANTITIES ARE AN ESTIMATE AND SHOULD BE CONSIDERED AS SUCH. IT IS THE GRADING CONTRACTORS RESPONSIBILITY TO PREPARE A QUANTITY TAKEOFF AND NOTE ANY DISCREPANCIES TO THE ENGINEER.



City of O'Fallon Standard Subdivision Notes and Details — June 2010

KARL A. SCHOENIKE, P.E.

PROFESSIONAL ENGINEER LICENSE 2003015039

P+Z No. 17-012024 City No.

> 18-006464 GRADING PLAN

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