

to any grading, excavation or construction of improvements. These provisions shall in no way absolve any party from complying with the Underground Facility Safety and Damage Prevention Act.

Company. the Engineer and/or Surveyor whose seal appears hereon from any liability resulting from said unauthorized modifications. The signed and sealed original is the official document and shall take precedence over any digital version.

ADDITIONAL GRADING NOTES:

- 1. UPON COMPLETION OF CONSTRUCTION OR COMPACTION, DISTURBED AREAS SHALL BE PROTECTED BY SODDING. IN ADDITION, PUBLIC RIGHT-OF-WAYS, ALL SLOPES STEEPER THAN 5:1, AND ALL DRAINAGE SWALES SHALL BE PROTECTED BY SODDING OR PAVING UPON COMPLETION OF CONSTRUCTION OR COMPACTION.
- 2. SODDING MUST BE PINNED ON SIDE SLOPES STEEPER THAN 5:1, AND ESPECIALLY IN THE AREAS WHERE NEW DRAINAGE SWALES HAVE BEEN CREATED TO RELEASE STORMWATER RUNOFF. INSTALL THE PINNED SODDING FROM TOP OF SLOPE TO BOTTOM OF SLOPE TO HELP PREVENT EROSION. 3. BEFORE FILLING, THE CONTRACTOR SHALL THOROUGHLY CLEAN OUT AND REMOVE ALL OBJECTIONABLE
- MATERIAL, ORGANIC MATERIAL, RUBBISH AND DEBRIS.
- 4. NO SLOPE SHALL BE GREATER THAN 3 TO 1.
- 5. SLOPES STEEPER THAN 5 TO 1 AND ALL SWALES SHALL BE PROTECTED BY SODDING OR PAVING UPON COMPLETION OF CONSTRUCTION OR COMPACTION. ALL OTHER AREAS DISTURBED BY GRADING OPERATIONS TO BE PROTECTED BY SEEDING AND MULCHING AS SOON AS POSSIBLE.
- 6. ALL FILLS ARE TO BE LEFT WITH A TEMPORARY LIP (BERM) AT THE TOP OF THE SLOPE AT THE END OF EACH DAY'S OPERATIONS.
- 7. ADDITIONAL SUITABLE FILL MATERIAL AS NEEDED SHALL BE BROUGHT ONTO THE SITE. AREAS WHICH ARE TO BE FILLED SHALL BE COMPACTED TO A MINIMUM DENSITY OF 90% MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED AASHTO COMPACTION TEST, T-180-74 (ASTM D-1557) IN THE BUILDING AREA AND 85% IN OTHER AREAS. IF A GEOTECHNICAL ENGINEER'S INVESTIGATIVE WRITTEN REPORT HAS BEEN PREPARED FOR THE SITE SETTING FORTH THE GRADING SPECIFICATIONS AND REQUIREMENTS, THOSE SPECIFICATIONS AND REQUIREMENTS SHALL SUPERCEDE THOSE STATED IN THIS OR OTHER NOTES.
- 8. IF ANY UNSUITABLE SOIL IS UNCOVERED DURING THE EXCAVATION FOR FOOTINGS, THE CONTRACTOR SHALL REMOVE IT AND DEEPEN THE FOOTINGS AS NECESSARY TO BUILD ON NATURAL, UNDISTURBED SOIL OR PROPERLY COMPACTED FILL.
- 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ROUGH GRADING OF ALL LANDSCAPE AREAS. GRADE TO MATCH TOP OF PROPOSED PAVEMENT ELEVATION, NOT TOP OF CURB ELEVATION. ALL AREAS SHALL BE FREE OF DEBRIS. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACEMENT OF A MINIMUM OF 6 INCHES OF TOPSOIL IN ALL LANDSCAPE AREAS.

ADDITIONAL UTILITY NOTES:

- EXISTING UTILITY LIDS, ETC. AT THE SURFACE SHALL BE ADJUSTED TO FINISHED GRADE PER UTILITY REQUIREMENTS.
- 2. UTILITY CONTRACTORS SHALL REVIEW PROPOSED UTILITY CROSSINGS AT GRAVITY SEWERS TO DETERMINE DEPTH OF NON-GRAVITY UTILITIES.
- 3. NO NEW UTILITY TAPS ARE PROPOSED.
- 4. REFER TO SITE ELECTRICAL AND/OR LIGHTING PLANS FOR ANY SITE LIGHTING LAYOUT, INSTALLATION, AND DESIGN. LIGHTING SHOWN ON CIVIL PLANS ARE APPROXIMATE AND FOR REFERENCE ONLY.
- 5. CONTRACTOR SHALL PROVIDE AND INSTALL CONDUIT AND ELECTRIC TO KIOSK, GATE, AND SITE LIGHTING.

-	/	ENGINEERS • SURVEYORS • PLANN ENGINEERS • SURVEYORS • PLANN 2268 WELSCH INDUSTRIAL COURT 57. LOUIS, MISSOURI 63146-42222 (314) 692-8888 FAX: (314) 692-8688 claytoneng.c MO Cert. of Authority - Prof. Engineering #00067 & Prof. Surve								
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