



GRADING LEGEND

- TC.XX.XX TOP OF CURB
- XX.XX FINISH GRADE

GRADING NOTES

1. SIDEWALK SHALL SLOPE AT 2.00%
2. ALL HANDICAP ACCESS PATH AND AREA SHALL COMPLY WITH CURRENT A.D.A. STANDARDS.
3. ALL GRADES SHALL BE WITHIN 0.2 FEET OF THOSE SHOWN ON THE GRADING PLAN.
4. NO SLOPE SHALL BE STEEPER THAN 3:1. ALL SLOPES SHALL BE SODDED OR SEEDED AND MULCHED.
5. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ASPHALT, CONCRETE, ROCK, BUILDING MATERIALS, AND ALL OTHER DEBRIS AT AN APPROVED LANDFILL IN ACCORDANCE WITH ALL RULES AND REGULATIONS, INCLUDING MISSOURI DEPARTMENT OF NATURAL RESOURCES (MNR), AND THE CITY OF O'FALLON.
6. THE CONTRACTOR SHALL RESTORE OFFSITE CONSTRUCTION AREAS TO AN EQUAL OR BETTER CONDITION THAN EXISTED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
7. EARTH SUBGRADE FOR PAVED AREAS MUST BE COMPACTED TO 90% OF MAXIMUM DRY DENSITY AS DETERMINED BY A "MODIFIED PROCTOR TEST," (ASTM D-1557), AND MUST BE INSPECTED AND APPROVED BY A CITY REPRESENTATIVE, BEFORE PAVING MAY COMMENCE.
8. THE CONTRACTOR SHALL FIELD INVESTIGATE THE ENTIRE SITE PRIOR TO HIS BID SUBMITTAL NOTING THE EXISTING VEGETATION AND TREES AND INCLUDING THE REMOVAL AND DISPOSAL OF SAME IN HIS BID.

ESTIMATED EARTHWORK QUANTITIES

CUT:	+730 CUBIC YARD
FILL:	+816 CUBIC YARD
ADJUSTED FILL(15% SHRINKAGE FACTOR):	+660 CUBIC YARD
NET:	+230 CUBIC YARD (SHORT)

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 SHOWN ABOVE.

PROJECT TITLE
 IMPROVEMENT PLANS
 NORTEK GLOBAL HVAC
 GRADING PLAN

PICKETT, RAY & SILVER INC
 CIVIL ENGINEERING, LAND SURVEYING,
 AND NATURAL RESOURCES SERVICES
 GRADING PLAN
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 www.prs3.com 1-800-708-3918

ENGINEER'S AUTHENTICATION
 THE RESPONSIBILITY FOR PROFESSIONAL ENGINEERING LIABILITY ON THIS PROJECT IS LIMITED TO THE SET OF PLANS AUTHENTICATED BY THE SEAL, SIGNATURE, AND DATE HEREON ATTACHED. RESPONSIBILITY IS DISCLAIMED FOR ALL OTHER ENGINEERING PLANS INVOLVED IN THIS PROJECT AND SPECIFICALLY EXCLUDES REVISIONS AFTER THIS DATE, UNLESS REAUTHENTICATED.
PICKETT, RAY & SILVER, INC. MO LICENSE #000026

 07/22/16
 KARL A. SCHOENKE, P.E.
 PROFESSIONAL ENGINEER LICENSE 2003015039

Developer / Owner Information
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P+Z No. 15-1501
City No. 16-XX
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CITY REVIEW SUBMITTAL 07/22/16

