



EARTH BALANCE

Total Cut - 24,387 Cu. Yds.
Total Fill - 25,187 x 1.12 = 28,209 Cu. Yds.
(12% Fill Factor)
Area - 38,906 Sq. Yards
Balance - -3,822 Cubic Yards

NOTE: THE SOILS ENGINEER SHALL VERIFY THAT ALL COMPRESSIBLE MATERIAL HAS BEEN REMOVED PRIOR TO PLACEMENT OF FILL AND THAT ALL FILL UNDER SANITARY AND STORM SEWER LINES CONSTRUCTED ABOVE ORIGINAL GRADE HAS BEEN COMPACTED TO 90% OF THE MODIFIED AASHTO T-99 COMPACTED TEST. A.S.T.M. D-1557, FILL IS TO BE PLACED IN A MAXIMUM OF 3' LIFTS. TESTS SHALL BE TAKEN AT A MINIMUM OF 50' INTERVALS ALONG THE ROUTE OF THE PIPE IN FILL AREAS. TESTS SHALL BE TAKEN AT 2' INTERVALS VERTICALLY STARTING AT THE BOTTOM OF THE FILL AND CONTINUING THROUGH THE FILL TO THE TOP OF THE PIPE. TESTS SHALL BE TAKEN AT 6' INTERVALS HORIZONTALLY ON BOTH SIDES OF THE PIPE FOR A DISTANCE EQUAL TO THE DEPTH OF THE FILL FROM THE TOP OF THE PIPE TO VIRGIN SOIL. A COPY OF THESE RESULTS WILL BE SUBMITTED TO MSD PRIOR TO CONSTRUCTION.

THE UNDERGROUND UTILITIES SHOWN HEREIN WERE PLOTTED FROM AVAILABLE INFORMATION AND DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE, OR NONEXISTENCE, SIZE, TYPE, NUMBER, OR LOCATION OF THESE OR OTHER UTILITIES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITIES IN THE FIELD, SHOWN OR NOT SHOWN, PRIOR 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, CHAPTER 319, RSMO.

NOTE: PHOENIX PARKWAY IS TO BE KEPT CLEAR OF MUD AND DEBRIS AT ALL TIMES.

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KINGSGATE at
WINGHAVEN

GRADING PLAN
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7247
11-26-03
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