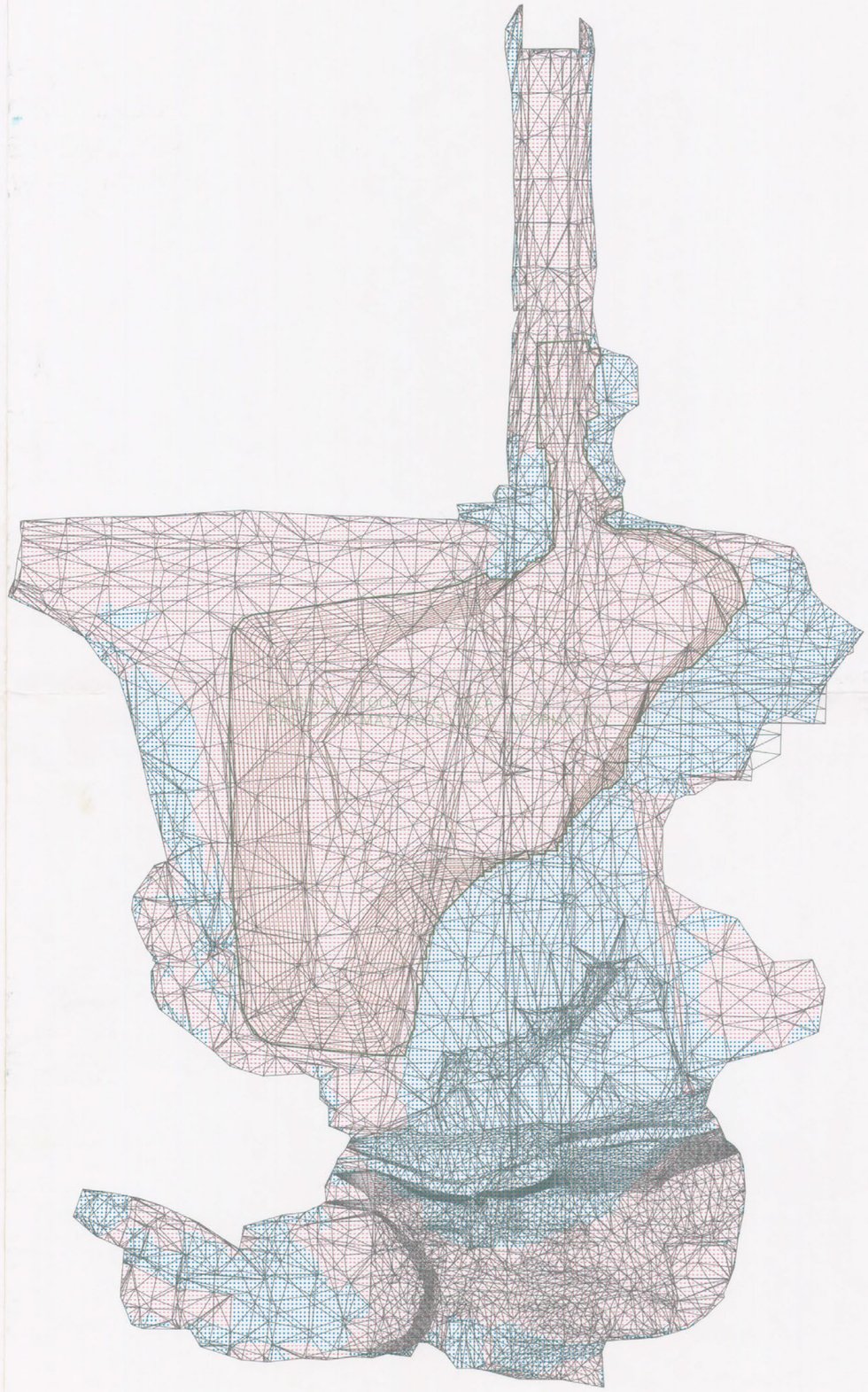
# CITY OF O'FALLON
# T.R. HUGHES BOULEVARD
# VOLUME REPORT
# NORTH OF WABASH



GRAPHIC SCALE

80 0 40 80 160 320

( IN FEET )
1 inch = 80 ft.

ONE REPORT FOR OVERALL SITE WAS CREATED USING MAY, 2003 FIELD WORK AS EXISTING TOPOGRAPHIC SURVEY BASE AND SEPTEMBER, 2004 FIELD WORK AS POST TOPOGRAPHIC SURVEY COMPARISON BASE. STRATUM CREATED USING THESE TWO SURFACES, ALONG WITH 15% SHRINKAGE FACTOR YIELDING OVERALL SITE VOLUMES.

A SECOND REPORT HAS BEEN GENERATED USING MAY, 2003 FIELD TOPOGRAPHIC SURVEY OF STOCK PILE AREA AS A BASE, AND SEPTEMBER, 2004 FIELD WORK AS POST TOPOGRAPHIC SURVEY AS A COMPARISON. A SITE WAS LIMITED TO THE STOCKPILE AREA ONLY. A STRATUM WAS CREATED USING THESE TWO SURFACES, ALONG WITH 15% SHRINKAGE FACTOR YIELDING A STOCKPILE USED (CUT) VOLUME. NOTE SHRINKAGE FACTOR DID NOT PLAY A SIGNIFICANT PART IN THE STOCKPILE (CUT) VOLUME CALCULATION DUE TO THERE BEING NO FILL.

MARK 1-21-04
Cut 217683 GRID
F 159109 GRID
F 162370 COMP

Site Volume Table: Adjusted

| Site | Stratum | Surf1 | Surf2 | Cut cu.yds | Fill cu.yds | Net cu.yds | Method |
|---|---|---|---|---|---|---|---|
| OVERALL STOCKPILE WITH SHRINKAGE | | | | | | | |
| | stockpile | exist-topo-stockpile | post topo 040920 | | | | |
| | | | | 168120 | 0 | 168120 (C) | Grid |
| | | | | 168351 | 1 | 168351 (C) | Composite |
| OVERALL POST TOPO WITH SHRNKAGE | | | | | | | |
| | overall volume | exist-topo-volume | post topo 040920 | | | | |
| | | | | 217270 | 150402 | 66868 (C) | Grid |
| | | | | 217692 | 150990 | 66701 (C) | Composite |

OAK SPRINGS
0.84+0.3 TOPO 337C FILL ME

RECEIVED
OCT 25 2004
ENGINEERING

PREPARED FOR:
CITY OF O'FALLON
100 NORTH MAIN STREET
O'FALLON, MISSOURI 63366

DISCLAIMER OF RESPONSIBILITY
I hereby specify that the documents intended to be authenticated by my seal are limited to this sheet, and I hereby disclaim any responsibility for all other Drawings, Specifications, Estimates, Reports or other documents or instruments relating to or intended to be used for any part or parts of the architectural or engineering project or survey.

STATE OF MISSOURI
WILLIAM E. CRAWFORD
NUMBER 2003019
REGISTERED LAND SURVEYOR

Copyright 2004
Bax Engineering Company, Inc.
All Rights Reserved

REVISIONS

| | |
|---|---|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ENGINEERING
PLANNING
SURVEYING

1052 South Cloverleaf Drive
St. Peters, MO. 63376-6445
636-928-5552
FAX 928-1718

9-20-2004
DATE

03-12232
PROJECT NUMBER

1 of 1
SHEET OF

12232-VOLUMES.DWG
FILE NAME

MEC
DRAWN CHECKED

SURVEY BY DATE

E:\DWG\A12000PLUS\12232_TR HUGHES BOULEVARD EXTENSION\Survey\12232-VOLUMES.dwg, 24 x 36 Survey, 9/22/2004 9:41:22 AM, Station 20 MEC