

# VERTICAL CONTROL

THE VERTICAL DATUM SHOWN HEREON IS REFERENCED TO THE ROCHESTER CITY DATUM THROUGH CONTROL TIES TO THE FOLLOWING MONUMENTS:

1. USC&GS MONUMENT "KING" NO. 120360206, ELEV. = 522.991'
2. RTS MONUMENT NO. 120520304, NW. COR. DR. SAMUAL McCREE WAY AND REYNOLDS ST. ELEV. = 529.13'
3. RTS MONUMENT NO. 135280208, SE. COR. PLYMOUTH AVE. AND LUTHER CIRCLE. ELEV. = 532.909'

# GEOMETRICS AND MONUMENT TIES FOR JEFFERSON AVENUE

BY  
**JAMES Q. TREUTHART**  
MAPS & SURVEYS, CITY OF ROCHESTER

SCALE: 1"=40' DATE: MARCH 10, 2010  
JOB NO. 09-007 SHEET 4 OF 6  
S.B.L. NO. 120.44..... FIELD BOOK 1897, PAGE 54

PROJECT SURVEYOR: JACEK M. SZYMANSKI, PLS  
FIELD WORK PROVIDED BY  
ANDREW J. PLACE AND JAMES Q. TREUTHART

# HORIZONTAL CONTROL

THE HORIZONTAL DATUM SHOWN HEREON IS REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM, NAD 1983 TRANSVERSE MERCATOR PROJECTION, WESTERN ZONE, THROUGH CONTROL TIES TO THE FOLLOWING MONUMENTATION AND CITY JOB NO.'S 92-091, 98-085, 01-084, & 08-023.

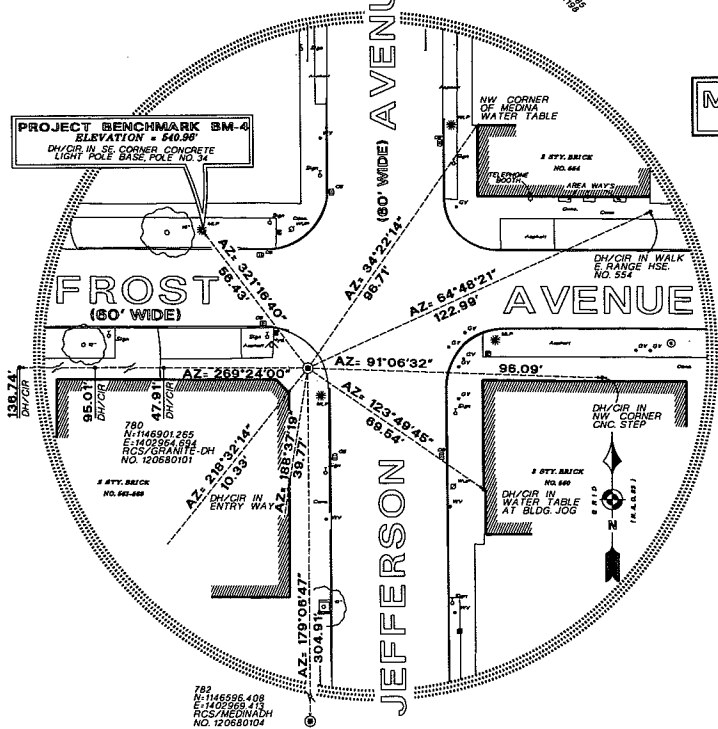
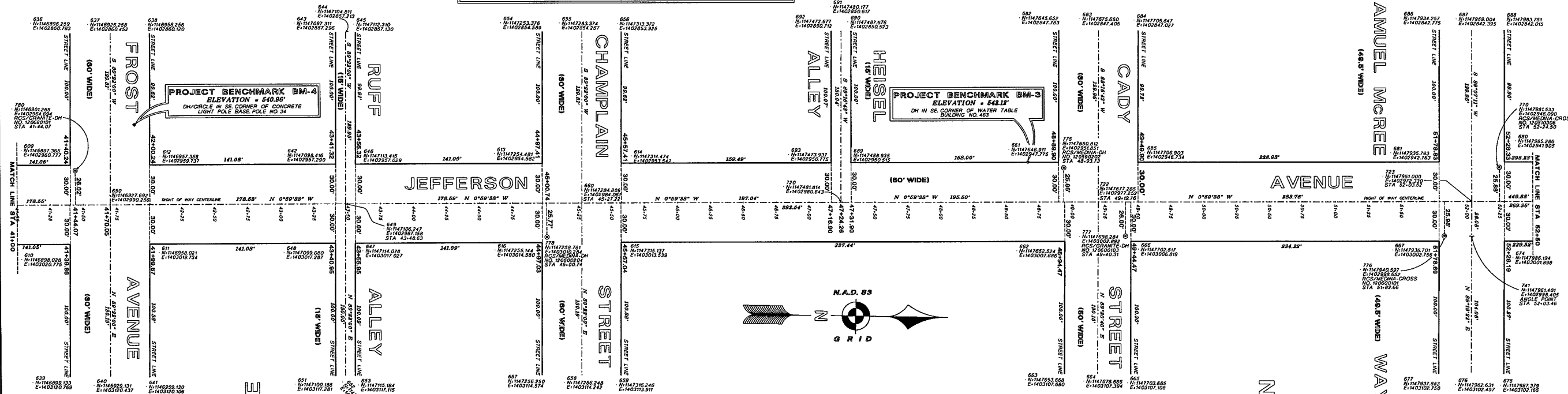
1. USC&GS MONUMENT "KING" NO. 120360206 - N 1150081.8188 E 140606.3472
2. USC&GS MONUMENT "ABERDEEN" NO. 120740104 - N 1145320.3500 E 1401108.4860
3. USC&GS MONUMENT "TERRACE" NO. 135260102 - N 1143951.3652 E 1401123.5203

-THE PERIMETER AND TIES TO CONTROL MONUMENTS WERE ACCOMPLISHED USING PROCEDURES NECESSARY TO ACHIEVE A MINIMUM ACCURACY OF ONE PART IN TEN THOUSAND (1/10000) OR BETTER

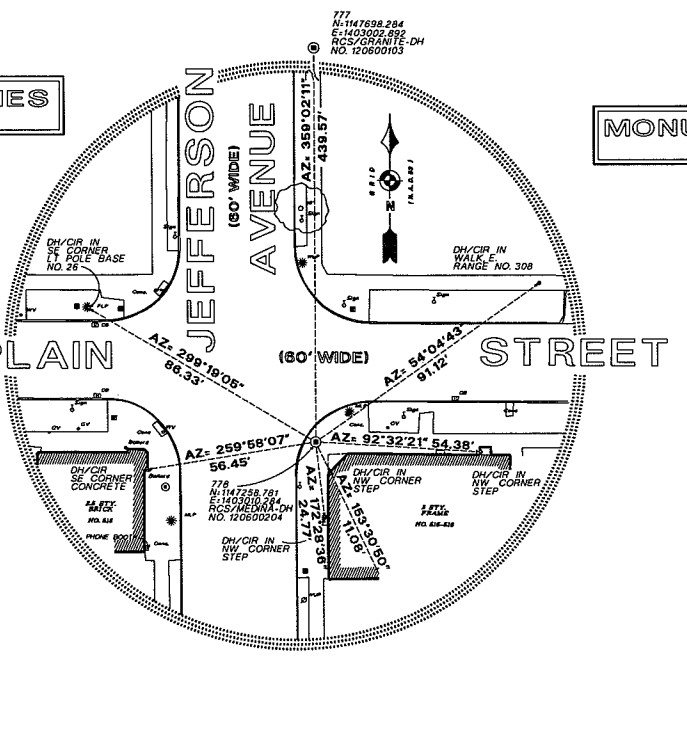
-COORDINATES SHOWN HEREON ARE AT GRID, DISTANCES ARE AT GROUND.

-COMBINED FACTOR (SEA LEVEL & SCALE FACTOR) = 0.9999814

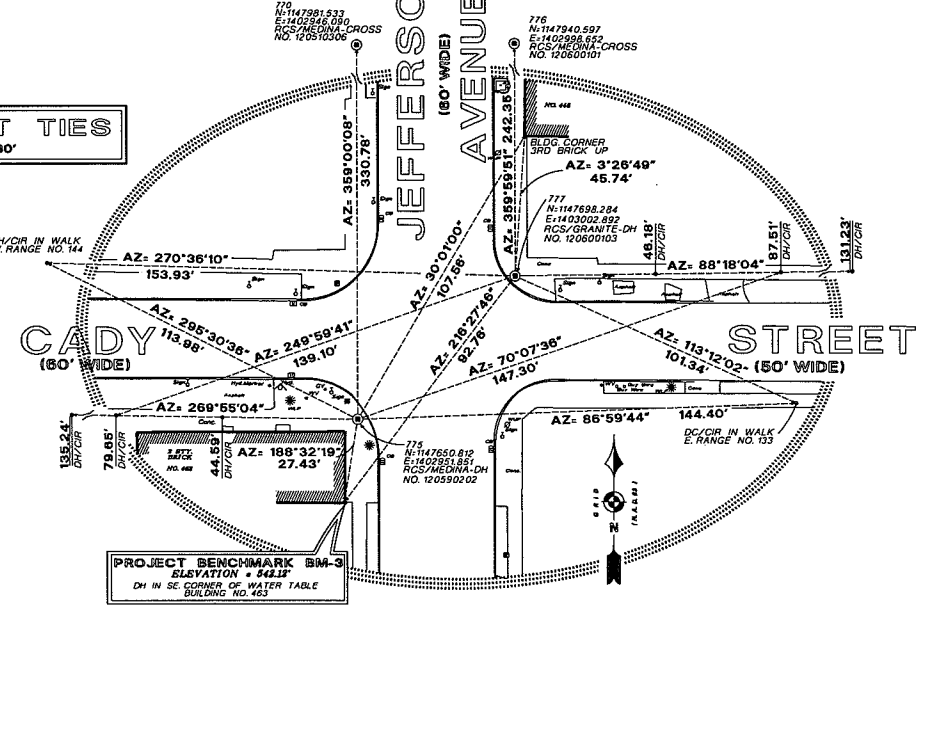
-GROUND DISTANCES X COMBINED FACTOR = GRID DISTANCE.



MONUMENT TIES  
SCALE: 1" = 30'



MONUMENT TIES  
SCALE: 1" = 30'



Department of Environmental Services Architecture and Engineering Services City of Rochester, New York	
CITY SURVEYOR: JACEK M. SZYMANSKI, P.L.S. CITY ENGINEER: JAMES R. MCINTOSH, P.E.	
PROJECT TITLE: <b>JEFFERSON AVENUE REVITALIZATION</b> SOUTH PLYMOUTH AVENUE TO WEST MAIN STREET CITY OF ROCHESTER, NY	
ISSUED	JANUARY 11, 2010
CHECKED	JACEK M. SZYMANSKI
DRAWN	JAMES Q. TREUTHART
SCALE	1"=40'
SURVEY NO.	09-007
FIELD NO.	091010
CITY NO.	11101
DRAWING TITLE: <b>SURVEY CONTROL PLAN AND GEOMETRICS</b>	
DRAWING NO. <b>SC-4</b>	
OF <b>6</b>	