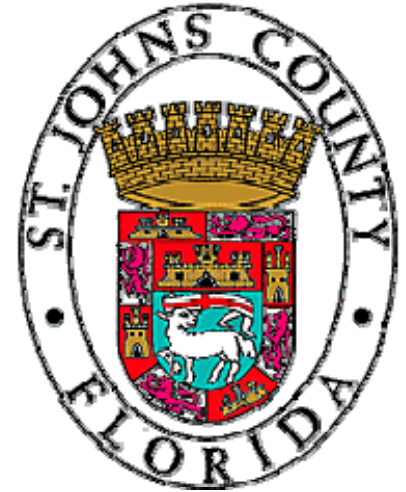




**Minimum Technical Standards
Final Report of Specific Purpose Survey
Digital Photogrammetric Contour Mapping**



**ST. JOHNS COUNTY 2008 – COUNTYWIDE
DIGITAL PHOTOGRAMMETRIC CONTOUR
MAPPING PROJECT**

**ST. JOHNS COUNTY PIGGYBACK CONTRACT ON
THE STATE OF FLORIDA DIVISION OF
EMERGENCY MANAGEMENT (DEM)
CONTRACT NO. 07-HS-34-14-00-22-469**

ST. JOHNS COUNTY, FLORIDA

Prepared By:

Woolpert, Inc.
3204 Lake Lynda Drive, Suite 400
Orlando, Florida 32817-1484
Woolpert Project No. 67954
LB Number 0006777
Issued: January 21, 2009

MINIMUM TECHNICAL STANDARDS

FINAL REPORT OF SPECIFIC PURPOSE SURVEY:

St. Johns County 2008—Countywide Digital Photogrammetric Contour Mapping Project

St. Johns County Piggyback Contract on the State of Florida Division of Emergency Management (DEM) Contract No. 07-HS-34-14-00-22-469

For:

St. Johns County, Florida

Surveying and Mapping/GIS Division

500 San Sebastian View

St. Augustine, Florida 32084

Phone (904) 209.0764

By:

Woolpert

3204 Lake Lynda Drive, Suite 400

Orlando, Florida 32817-1484

Phone (407) 381-2192/Fax: (407) 384-1185

Florida Certificate of Authorization No. LB-0006777

Prepared by:

Savo Slijepcevic, CP, PSM

Florida Professional Surveyor and Mapper No. LS-0005438

Summary of Contents

Section 1: Final MTS Report of Specific Purpose Survey: St. Johns County 2008—Countywide Digital Photogrammetric Contour Mapping Project Contract No. 07-HS-34-14-00-22-469

Purpose/Type of Survey	Section 1-1
Sensor Description	Section 1-2
Project Area	Section 1-2
Date of Ground Control Survey	Section 1-2
Date of LiDAR Acquisition	Section 1-2
Date of Digital Image Acquisition	Section 1-2

Map Reference	Section 1-3
Data Sources	Section 1-3
Name of Responsible Surveyor.....	Section 1-3
Name of Company	Section 1-3
Abbreviations.....	Section 1-3
Definitions	Section 1-4
Map Accuracy	Section 1-5
Datums/Coordinate Systems	Section 1-6
Data Sources	Section 1-6
Methodology	Section 1-6
LiDAR Ground Control Survey.....	Section 1-7
QC Checkpoint Ground Control Survey.....	Section 1-8
Aerial Digital Imagery	Section 1-8
Processing Software.....	Section 1-8
LiDAR	Section 1-8
LiDAR QC/Photogrammetric Compilation	Section 1-9
Accuracy Checks	Section 1-9
References.....	Section 1-9
General Notes.....	Section 1-10

List of Appendices

Appendix A: Ground Survey QC Profiles	Appendix A 1-28
Appendix B: LiDAR Accuracy Checks	Appendix B 1-52
Appendix C: Contours/TIN Accuracy Checks.....	Appendix C 1-52

List of Exhibits

Exhibit A: ALS50 LiDAR Flight Plan and Ground Control Diagram.....	Exhibit A 1-2
Exhibit B: ADS40/51 Digital Imagery Flight Plan and Ground Control Diagram.....	Exhibit B 1-2

SECTION 1:

FINAL MTS REPORT OF SPECIFIC PURPOSE SURVEY: ST. JOHNS COUNTY 2008 – COUNTYWIDE DIGITAL PHOTOGRAMMETRIC CONTOUR MAPPING PROJECT CONTRACT No. 07-HS-34-14-00-22-469

Purpose/Type of Survey

St. Johns County, Florida (County) has undertaken a multi year effort to develop a comprehensive countywide base mapping and GIS database to support master drainage planning, transportation planning, and preliminary engineering and wetland preservation studies. As part of this effort, Woolpert, Inc. (Woolpert) was contracted by the County in 2008 to update the County's digital contour mapping by photogrammetric methods using Light Detection and Ranging (LiDAR) and digital camera systems. The project was contracted by the County as a piggyback on the State of Florida Division of Emergency Management (DEM) Contract No. 07-HS-34-14-00-22-469. The area for the St. Johns County 2008 – Countywide Digital Photogrammetric Contour Mapping Project is approximately +/- 715 square miles of St. Johns County in Florida. (Refer to Exhibit A, ALS50 LiDAR Flight Plan and Ground Control Diagram). The end product complies with the Florida Administrative Code 61G17, Minimum Technical Standards for Surveying and Mapping.

LiDAR data was acquired at an average ground sample distance (GSD) of 2.1 feet for digital terrain model (DTM) development. Woolpert acquired multi-spectral digital imagery using the Leica ADS40/51 sensor (panchromatic, red, green, blue and near infrared) at a ground sample distance (GSD) of 0.66 feet to support photogrammetric QC and enhancement of the LiDAR DTM, with hydrologically significant features collected as breaklines. (Refer to Exhibit B, ADS40/51 Digital Imagery Flight Plan and Ground Control Diagram).

As mutually agreed between the County and Woolpert, the DTM/Mass-Points data met or exceeded ± 0.4 -foot fundamental vertical accuracy, and the 2-foot contours with supplemental 1-foot contours met or exceeded ± 0.75 -foot fundamental vertical accuracy in unobscured areas. The county-wide contours were developed for graphical visualization purpose only, and not intended for traditional/historical cartographically pleasing contours associated with conventional topographic mapping. The LiDAR mass point data was delivered in LAS 1.1 format. The LAS files were clipped to the FL Statewide 5,000' x 5,000' tile system. The breaklines and contours were each provided as a county-wide ArcGIS File Geodatabase.

The St. Johns County Survey and Mapping Division field crews surveyed 1,380 ground survey quality (QC) checkpoints throughout the project area. The QC checkpoint locations in the County are illustrated on Exhibit B, ADS40/51 Digital Imagery Flight Plan and Ground Control Diagram. The ground survey QC checkpoints were provided to Woolpert and used to confirm the accuracy of the LiDAR data. The accuracy analysis was based on methods outlined in the Geospatial Positioning Accuracy Standards, Part 3: National Standards for Spatial Data Accuracy (NSSDA) developed by the Federal Geodetic Data Committee (FGDC-STD-007.3-1998).

Sensor Description

All LiDAR data was acquired using the Leica ALS50-II LiDAR sensor, serial number 39. The ALS50 has a laser pulse rate of up to 150 kilohertz, records up to 4 returns per pulse, and records intensities for 3 laser returns per pulse. The St. Johns County LiDAR data was collected at 3,000' above ground level, at an average airspeed of 165 knots.

All digital imagery data was acquired using the Leica ADS40/51 digital camera sensors, serial numbers 30027 and 30101. Both the red, green, blue and near infrared bands were acquired simultaneously. The maximum ground sample distance was 0.66 feet, and this imagery was used for the photogrammetric QC and enhancement of the LiDAR DTM.

Project Area

The project area encompasses seven hundred and ninety-seven (797) 5,000' by 5,000' tiles, based on the Florida Statewide Tile System. The project covers approximately +/- seven hundred and fifteen (715) square miles, including all of St. Johns County, Florida.

Date of Ground Control Survey

All ground control field operations took place between January 14, 2008 and February 25, 2008.

Dates of LiDAR Acquisition

The LiDAR data was acquired using the Leica ALS50-II LiDAR sensor. A total of twelve (12) missions were completed for the entire project area as follows.

Julian Day	Missions	Date
045	2	February 14, 2008
046	1	February 15, 2008
047	2	February 16, 2008
048	1	February 17, 2008
050	2	February 19, 2008
051	2	February 20, 2008
052	1	February 21, 2008
056	1	February 25, 2008

Dates of Digital Image Acquisition

The aerial digital imagery was acquired using the Leica ADS40/51 digital sensor. A total of five (5) missions were completed for the entire project area as follows:

Julian Day	Missions	Date
042	1	February 11, 2008
045	1	February 14, 2008
050	2	February 19, 2008
056	1	February 25, 2008

Map Reference

There are no hardcopy map sheets required as a deliverable for this project.

Data Sources

Refer to MTS Final Report of Specific Survey: 2003-2004 Light Detection and Ranging (LiDAR) Digital Terrain Model, Contours and Image Raster Maps, issued December 8, 2004.

Refer to MTS Final Report of Photogrammetric Ground Control Survey, issued June 2, 2008.

Refer to MTS Final Report of Specific Survey: Aerial Triangulation Report, issued June 30, 2008.

Name of Responsible Surveyor

Savo Slijepcevic, CP, PSM
Woolpert, Inc.
3504 Lake Lynda Drive, Suite 400
Orlando, Florida 32817-1484
Professional Surveyor and Mapper Number: LS-0005438

Name of Company

Woolpert, Inc.
3504 Lake Lynda Drive, Suite 400
Orlando, Florida 32817-1484
Florida Certificate of Authorization Number: LB-0006777

Abbreviations

2D – Two-Dimensional
3D – Three-Dimensional
ABGPS – Airborne GPS
AGL – Above Ground Level
AT – Aerial Triangulation
CP – Certified Photogrammetrist
DEM – Digital Elevation Model
DOI – Digital Orthophoto Imagery or Image Raster Map
DTM – Digital Terrain Model
FGCC – Federal Geodetic Control Committee
FDOT – Florida Department of Transportation
FEMA – Federal Emergency Management Agency
FL - Florida
ft – United States Survey Feet
FY – Fiscal Year
GeoTIFF – Georeferenced Tag(ged) Image File Format
GPS – Global Positioning System
GSD – Ground Sample Distance
ID – Identification
IMU – Inertial Measurement Unit

Inc, - Incorporated
LiDAR – Light Detection And Ranging
MTS – Florida Minimum Technical Standards
NAD 83/90- North American Datum 1983, 1990 adjustment
NAVD88 – North American Vertical Datum of 1988
NGS – National Geodetic Survey
NMAS – National Map Accuracy Standards
NOAA – National Oceanic and Atmosphere Administration
NSSDA – National Standards for Spatial Data Accuracy
PID – Photo Identifiable Point (feature)
PSM – Florida Licensed Professional Surveyor and Mapper
QA – Quality Assurance
QC – Quality Control
RGB – Red, Green, Blue or True Color
RMSE – Root-Mean-Square-Error
RMSE P – Resultant Root-Mean-Square-Error
RTK – Real Time Kinematic
STD – Standard
TIIF – Tag(ged) Image File Format
TIN – Triangulated Irregular Network
TGO – Trimble Geomatics Office
USGS – United States Geological Survey
US – United States
Woolpert – Woolpert, Inc.
Vx – Residual Horizontal Error in the X Direction
Vy – Residual Horizontal Error in the Y Direction
Vxy – Residual Horizontal Error in the XY Direction (Resultant)
XYZ – Easting, Northing, and Elevation grid coordinates (ASCII format)

Definitions

GeoTIFF: GeoTIFF refers to TIFF files which have georeferencing information embedded as tags within the TIFF file. The georeferencing information includes projections, coordinate systems, ellipsoids, and datums that can be used to establish the exact spatial reference for the TIFF image file. The TIFF file structure allows for both the georeferencing information and the image data to be encoded into the same file.

Digital Orthophoto Image: A digital orthophoto image (raster) map produced from a series of aerial photographs and/or image strips that have been rectified to correct for aircraft tilt, terrain relief, and camera lens distortion. The resulting image has a consistent scale throughout, allowing the user to take direct measurements such as distances, angles, positions, and areas. The digital raster image is comprised of a digital grid of pixels, or picture elements. Each pixel has a row and column “address” (an X,Y coordinate) and an intensity value ranging from 0 to 255. Each pixel within an RGB image will have an intensity value for red, green, and blue bands.

Aerial Triangulation (AT): A method of ground control extension or densification performed mathematically and in conjunction with a limited number of ground control points. ABGPS XYZ coordinates, and aircraft trajectory data from the sensor’s IMU. This method of control extension or

densification has been proven to be accurate and is in common use within the photogrammetric community.

Bare Earth Coverage: A set of discrete XYZ values representing the terrain surface.

Obscured Area: An area of the Earth's surface containing natural or manmade features that occlude directly imaging or sampling the ground surface with an airborne optical imaging and/or LiDAR sensor. Obscured areas are clearly denoted in digital map files, with the area identified with a text label. When generating contours within an obscured area, the industry standard calls for the contours to be dashed. Dashed contours should indicate to the user that the accuracy of the spatial data is degraded and/or indeterminate.

Unobscured Area: An area on the Earth's surface that is not totally obscured. Unobscured areas include paved areas, gravel and dirt roads, low grass, low scrub, and low trees. The elevation data captured through remote sensing methods within these areas meet or exceed the defined standards.

Map Accuracy

Vertical Accuracy of DTM/Mass Point Data in Unobscured Areas: Per contract agreement with the County, Woolpert exceeded the Florida GIS Baseline Specifications for LiDAR by acquiring the LiDAR data at a 2.1-foot average GSD vs. 4-foot GSD. Based on the County's QC survey checks and Woolpert's accuracy analysis (see Appendix B, DTM Accuracy Analysis), the tested fundamental vertical accuracy of the DTM/Mass-Points data is +/-0.30-foot in unobscured areas.

Contours Vertical Accuracy in Unobscured Areas: Per contract agreement with the County, Woolpert exceeded the vertical accuracy requirement for 2-foot contours, with supplemental 1-foot contours, of the Florida GIS Baseline Specifications for LiDAR. Woolpert complied with the 2003/2004 County project standards meeting a +/-0.75-foot fundamental vertical accuracy in unobscured areas. Based on the County's QC survey check points and Woolpert's accuracy analysis (see Appendix C, Contour Accuracy Analysis), the tested fundamental vertical accuracy of contours is +/-0.38-foot in unobscured areas.

Vertical Accuracy of DTM/Mass Point Data in Obscured Areas: There is not a County accuracy specification for obscured points, low confidence areas, on this project. Additionally, there are not published National Map Accuracy Standards or industry standards for obscured points. Obscured points, low confidence areas, are defined as areas where the ground is not measurable using photogrammetric methods. Therefore, the user should exercise caution when working with mass points and breaklines within obscured/vegetation polygons, as this data is generally assumed to be in the range of twice the error of unobscured areas, or totally unreliable. However, to provide the County with an accuracy estimate within the obscured polygons, thirteen survey profiles were captured in obscured areas (See Appendix A, Ground Survey QC Profiles). Based on the accuracy analysis in Appendix B, DTM Accuracy Analysis, the fundamental vertical accuracy of the DTM data in the tested obscured areas were estimated to be +/-0.35-feet.

Datums/Coordinate Systems

The LiDAR DTM and line-drawn (vector) topographic features map data are in State Plane Coordinates, Florida East Zone, referenced to North American Datum 1983, adjustment of 1990 (NAD83/1990), expressed in US Survey Feet. The vertical datum is the North American Vertical Datum of 1988 (NAVD88), also in US Survey Feet.

Data Sources

Original Control Point Coordinates: NGS Information Services
NOAA, N/NGS12
National Geodetic Survey
SSMC-3, #9202
1315 East-West Highway
Silver Spring, Maryland 20910-3282
Phone: (301) 713-3242
Fax: (301) 713-4172
Email: info_center@ngs.noaa.gov
<http://www.ngs.noaa.gov/>

St. Johns County
Surveying and Mapping/GIS Division
500 San Sebastian View
St. Augustine, Florida 32084
Phone: (904) 209-0764
Fax: (904) 209-0771
Email: goliver@sjcfl.us
<http://www.sjcfl.us/>

Woolpert, Inc.
3504 Lake Lynda Drive, Suite 400
Orlando, Florida 32817-1484
Phone: (407) 381-2192
Fax: (407) 384-1185
<http://www.woolpert.com>

Methodology

The purpose of the FY2008 St. Johns County, Florida Countywide Digital Contour Mapping project was to produce a DTM to generate 2-foot contours with supplemental 1-foot contours. Airborne terrestrial LiDAR was collected, photogrammetrically reviewed with digital aerial photography, and limited planimetric features were collected. The project area encompassed all of St. Johns County, Florida, approximately seven hundred and twenty-six (726) square miles.

To support the development of a DTM for St. Johns County, one-hundred and sixty (160) flight lines (swaths) of high density LiDAR data (average 2.1-foot GSD) were obtained at an altitude of 3000-feet AGL. Photogrammetric methods were employed to assist in QC and enhancement of the LiDAR data and the compilation of limited planimetric features. Aerial digital imagery was acquired at a 0.66-foot GSD

from an altitude of 6336-feet AGL. The aerial digital imagery was triangulated and stereomodels were generated for a 3D review of the LiDAR data on a softcopy photogrammetric workstation. Using the 3D digital imagery, existing hard breaklines originally captured for a project performed in 2003, (Refer to MTS Final Report of Specific Survey: 2003-2004 Light Detection And Ranging (LIDAR) Digital Terrain Model, Contours and Image Raster Maps, issued December 8, 2004.), were reviewed and updated as required, due to changes in the ground surface. The bare earth LiDAR data was imported into the workstation and superimposed over the stereomodels. The LiDAR data was stereoscopically verified to fit the ground surface. The DTM was then used to generate 2' contours at 1" =100' output scale mapping with supplemental 1' contours provided for graphical/visualization purpose, only. The LiDAR mass point data was delivered in LAS 1.1 format. The LAS files were clipped to the FL Statewide 5,000' x 5,000' tile system. The breaklines and contours were each provided as a county-wide ArcGIS File Geodatabase.

LiDAR Ground Control Survey

The ground control consisted of establishing three dimensional coordinates for fourteen (14) new photogrammetric control stations, and to recover and target one hundred eleven (111) existing St. Johns County photogrammetric control stations. Each photo control station, except for five PIDs, was targeted with an 8' x 8' x 2' fiberglass reinforced cloth material or painted target prior to the acquisition of the aerial digital imagery. All ground control surveys were performed in accordance with the "Geometric Geodetic Accuracy Standards for Using GPS Relative Techniques, Version 5.0, of August 1, 1989", published by the FGCC. All newly established photo control stations were determined to a minimum accuracy of second-order for the horizontal and third-order for the vertical.

The horizontal datum of the survey was State Plane Coordinates, Florida East Zone, referenced to North American Datum 1983, adjustment of 1990 (NAD83/1990), expressed in US Survey Feet. The vertical datum is the North American Vertical Datum of 1988 (NAVD88), also in US Survey Feet.

Upon completion of all field data processing, Woolpert performed a minimally constrained and fully constrained least-squares adjustments using Trimble Navigation's Trimble Geomatics Office (TGO) version 1.63. After an acceptable minimally constrained least -squares adjustment was obtained, a fully constrained least squares adjustment was performed by fixing the GPS networks to existing NGS and St. Johns County control stations. Geoid 03 was used to model the elevations. For this survey the following stations were held fixed:

Dimension	Existing NGS and County Control Stations
3D Control Stations	L15 and DUPONT 2
2D Control Stations	G027

For further reference see MTS Final Report of Photogrammetric Ground Control Survey, issued June 2, 2008. Within this report are location diagrams for the fourteen (14) new control points established, descriptions of the data adjustments performed, and final adjusted coordinates for the new control points. For further information in regards to the existing ground control stations in St. Johns County, refer to "Report of GPS Ground Control Survey: For Topographic Aerial Mapping Project 2003, Woolpert Project #60581, St. Johns County, FL, July 7, 2003."

QC Checkpoint Ground Control Survey

To support the accuracy analysis of the LiDAR, the St. Johns County Survey and Mapping Division field crews acquired 1,380 new field survey QC checkpoints (see Appendix C: Ground Survey QC Profiles) with RTK GPS ground survey. The checkpoints were surveyed in areas of various ground cover, such as bare earth, urban, and brush. Two dense vegetation profiles were surveyed at approximately 1,200' in length, twenty-five points per profile. The QC checkpoint locations in the County are illustrated on Exhibit B, ADS40/51 Digital Imagery Flight Plan and Ground Control Diagram.

Aerial Digital Imagery

The digital image data was acquired using the Leica ADS40/51 digital sensors, serial number 30027 and 30101. Both the RGB and near infrared bands were acquired simultaneously. The maximum acquisition ground sampling distance was 0.66-feet. Thirty-three (33) flight lines of digital imagery were acquired at an altitude of 6,336-feet AGL. The digital imagery was used solely for QC of the LiDAR data and breakline development. The ADS40/51 aerial digital imagery flight plan is illustrated on Exhibit B, ADS40/51 Digital Imagery Flight Plan and Ground Control Diagram.

Processing Software

Aerial triangulation was performed to extend or densify the network of control points established by the ground control survey. Aerial triangulation provides the proper number and pattern of control points for each stereo model derived from the image strips. This data is necessary to orientate the imagery to the ground for the QC of the LiDAR data and breakline compilation. The software utilized for the digital image processing and aerial triangulation, developed by Leica GeoSystems, was: LPS 9.1, ORIMA 9.1, CAP-A 7.5 and GPro 3.2. For a detailed overview of the aerial triangulation, refer to: Woolpert Aerial Triangulation Report, *MTS Final Report of Specific Survey: St. Johns County 2008 - Countywide Digital Photogrammetric Contour Mapping Project*, issued June 30, 2008.

LiDAR

The LiDAR data was acquired using a Leica ALS50-II LiDAR sensor. One hundred and sixty (160) flight lines of LiDAR data were acquired February 14, 2008 through February 25, 2008. The average GSD of the raw LiDAR data was 2.1'. The ALS50 LiDAR flight plan is illustrated on Exhibit A, ALS50 LiDAR Flight Plan and Ground Control Diagram.

The ABGPS data collected during the LiDAR acquisition was reduced using the GrafNav software package by Waypoint Consulting, Inc. The IMU data was reduced using the PosProc software package by Applanix Corporation. The initial LiDAR “point cloud” was derived through the ALS Post Processor software by Leica Geosystems.

Once the initial LiDAR “point cloud” was derived, Woolpert performed QC to look for any systematic error within the LiDAR flights using proprietary software. Any systematic error was identified and removed, the individual LiDAR flights were clipped to remove overlap between the adjacent flights lines and to provide a homogeneous coverage over the project extents. Using the homogeneous coverage, above ground features were classified and removed using proprietary software to produce the bare-earth coverage.

LiDAR QC/Photogrammetric Compilation

The bare-earth LiDAR data was subdivided into stereomodel units derived from the triangulated ADS40/51 aerial digital imagery over the project area. These units were imported into a softcopy stereoplotter and superimposed over the respective stereomodels. The photogrammetric technician then verified stereoscopically that the LiDAR data was consistent with the ground.

Hard and soft breakline features were compiled, as 2D and 3D features, in the softcopy environment using DATEM's Summit Evolution Capture software on a Pentium IV, quad processor, 3GHz photogrammetric workstation. DATEM, Inc. of Anchorage, Alaska distributes the Summit software. The DTM was delivered as LiDAR mass points in LAS version 1.1 and the breaklines were delivered in an ArcGIS File Geodatabase.

Accuracy Checks

The vertical accuracy of the final LiDAR DTM/Mass-Point Data mapping was verified using the field survey QC data. Results of those field verifications are included in Appendix B.

References

<http://rockyweb.cr.usgs.gov/nmpstds/nmas.html> - USGS Internet Site for National Map Accuracy Standards.

Woolpert Report of Specific Purpose Survey
Minimum Technical Standards
2003-2004 Light Detection And Ranging (LIDAR) Digital Terrain Model, Contours and Image Raster Maps
December 8, 2004

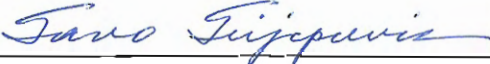
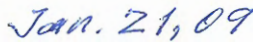
Woolpert Photogrammetric Ground Control Survey Report
Minimum Technical Standards
St. Johns County 2008 – Countywide Digital Photogrammetric Contour Mapping Project
June 2, 2008

Woolpert Aerial Triangulation Report
Minimum Technical Standards
St. Johns County 2008 – Countywide Digital Photogrammetric Contour Mapping Project
June 30, 2008

General Notes

1. This report is not complete without the hard drive containing the original DTM/Mass-Point Data and Contours and vice versa.
2. Intended display scale – This 1-foot contour mapping, at 0.75-foot vertical accuracy, is intended to be displayed at a scale of 1:1,200 (1"=100') or smaller.
3. This map complies with National Standards for Spatial Data Accuracy.
4. This map complies with the Federal Emergency Management Agency (FEMA) "Guidelines and Specifications for Flood Hazard Mapping Partners, Appendix A: Guidance for Aerial Mapping and Surveying."
5. **THIS PHOTOGRAMMETRIC MAPPING DATA AND REPORT IS CERTIFIED TO ST. JOHNS COUNTY, FLORIDA, AS MEETING OR EXCEEDING, IN QUALITY AND PRECISION, THE STANDARDS APPLICABLE FOR THIS WORK, AS SET FORTH IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.**

THIS REPORT IS NOT VALID WITHOUT THE SIGNATURE AND RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

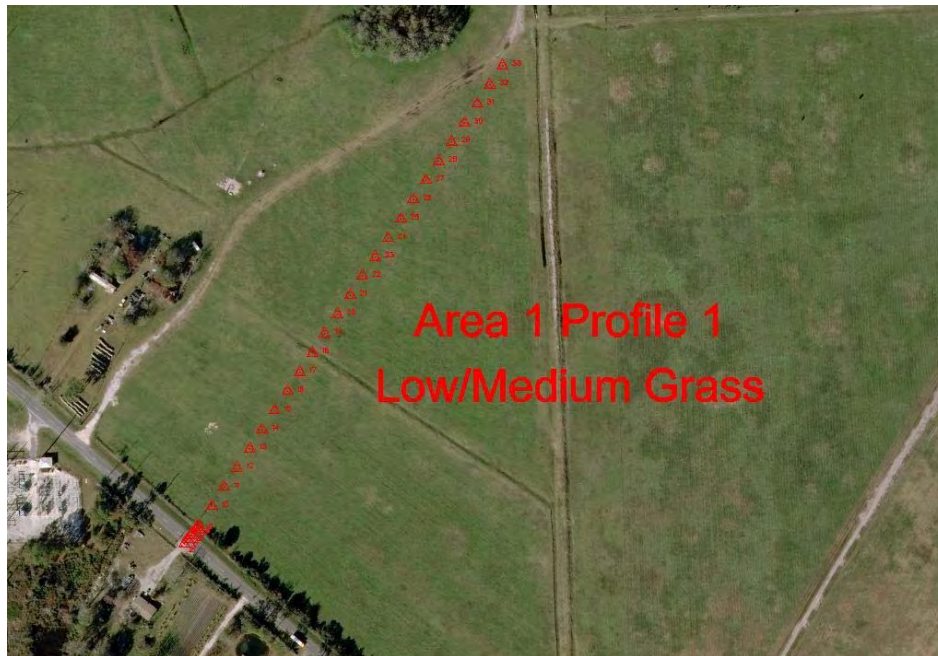
 
Savo Slijepcevic, CP, PSM Date
Professional Surveyor and Mapper No. LS-0005438

Seal

APPENDIX A: GROUND SURVEY QC PROFILES

The St. Johns County Survey and Mapping Division field crews surveyed 1,380 ground survey quality (QC) checkpoints throughout the project area. The QC checkpoint locations in the County are illustrated on Exhibit B, ADS40/51 Digital Imagery Flight Plan and Ground Control Diagram. The ground survey QC checkpoints were provided to Woolpert and used to confirm the accuracy of the LiDAR data. The accuracy analysis was based on methods outlined in the Geospatial Positioning Accuracy Standards, Part 3: National Standards for Spatial Data Accuracy (NSSDA) developed by the Federal Geodetic Data Committee (FGDC-STD-007.3-1998).

Imagery snapshots, utilizing DOI provided to the County in 2008 by FDOT, illustrate the QC checkpoints used for the LiDAR DTM analysis.



FL Statewide Tile Number 26564 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 26866/27166 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 27167 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 26868/26869 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 26868/26869 FDOT 2008 Digital Orthophoto



Area 1 Profile 6
Commercial/Urban

FL Statewide Tile Number 28071 FDOT 2008 Digital Orthophoto



Area 1 Profile 7
Commercial/Urban

FL Statewide Tile Number 28372 FDOT 2008 Digital Orthophoto



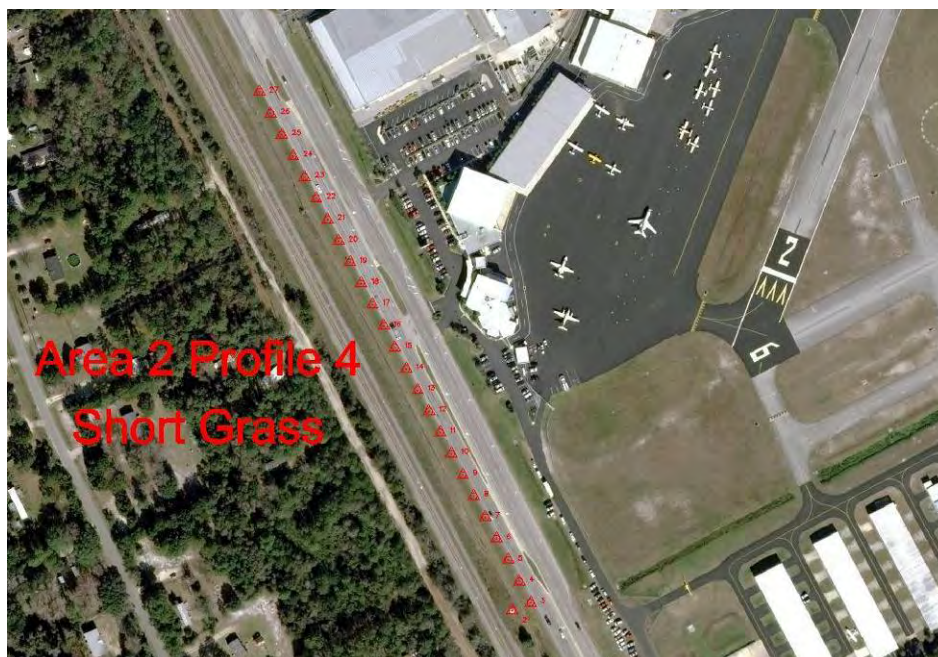
FL Statewide Tile Number 31382 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 31678 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 29282 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 27476 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 28973 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 29576 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 30774 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 34671 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 34366 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 32565 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 30763 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 31071 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 32270 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 24176 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 23872 FDOT 2008 Digital Orthophoto



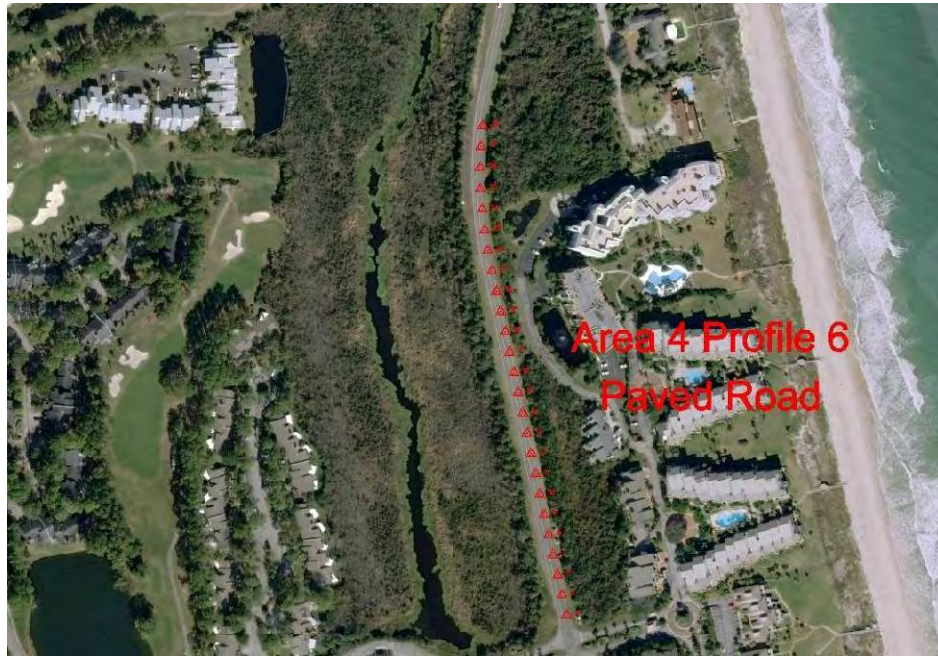
FL Statewide Tile Number 23570 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 22071/22072 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 20874/21174 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 22075 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 20870 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 29869/29870 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 28970 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 29564 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 28062 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 27162 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 25363 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 25359 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 24756 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 24762 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 23558 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 25677 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 26578/26878 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 23876 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 24773 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 25975/26275 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 25972/26272 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 27474 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 34372/34672 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 33777 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 33484 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 32583/32883 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 32879 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 33173 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 32271 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 30772 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 31677 FDOT 2008 Digital Orthophoto



FL Statewide Tile Number 30776/31076 FDOT 2008 Digital Orthophoto

APPENDIX B: LIDAR ACCURACY CHECKS

The vertical accuracy of the LiDAR data was verified by comparison of the DTM/TIN against the field survey QC points. A total of 1,380 QC test points were captured across the project. For the FY 2008 St. Johns County, Florida Countywide Digital Contour Mapping Project, St. Johns County Survey and Mapping Division field crews observed and established 3-dimensional coordinates on 1,380 quality control ground control points. The observations were performed on four different types of terrain, hard surface, short grass, brush, and tree canopy.

St. Johns County Survey and Mapping Department field crews utilized RTK GPS techniques on all QA/QC points, excluding any tree canopy ground observations, and all intermediate (traverse) control locations. The survey was conducted using a 1-second epoch rate, in a fixed solution RTK mode with each GPS session lasting three to five seconds each. In order to insure the necessary accuracies were being met for this photogrammetric project, the field crews used existing control stations as RTK base stations, and then performed quality control checks on existing control stations in the areas they were working. These quality control checks were performed before, during, and after each day of QA/QC observations.

Once the intermediate (inter-visible pairs) control stations were established near the tree canopy locations, a series of ground observations were taken utilizing conventional methods under heavy tree cover at roughly 50-foot intervals at any 1-foot contour change in elevation for approximately 1,200 feet.

Each QA/QC ground observation was calculated with 3-dimensional coordinate values and these values were withheld from Woolpert until the LiDAR processing was complete. After which, the coordinate values were provided for accuracy verifications.

The accuracy analysis itself was based on methods outlined in the Geospatial Positioning Accuracy Standards, Part 3: National Standards for Spatial Data Accuracy (NSSDA) developed by the Federal Geodetic Data Committee (FGDC-STD-007.3-1998). The first step was to generate a TIN from the DTM. Each point along individual profiles was then compared against its corresponding TIN elevation. The difference between ground survey and DTM/TIN elevation represents the residual error (dZ) at that point. A statistical analysis was then performed on the residual errors.

Overall Statistical Summary:					
All Unobscured Points			All Obscured Points		
RMSE Z	0.30	ft	RMSE Z	0.35	ft
NSSDA @ 95%	0.59	ft	NSSDA @ 95%	0.68	ft
Stdev	0.30	ft	Stdev	0.35	ft
Avg Error	-0.06	ft	Avg Error	-0.02	ft
Max Error	1.10	ft	Max Error	0.96	ft
Min Error	-2.10	ft	Min Error	-1.63	ft
Count	1046		Count	334	

Per contract agreement with the County, Woolpert exceeded the Florida GIS Baseline Specifications for LiDAR by acquiring the LiDAR data at a 2.1-foot average GSD vs. 4-foot GSD. Based on the County's QC survey checks and Woolpert's accuracy analysis, the tested fundamental vertical accuracy of the DTM/Mass-Points data is +/-0.3-foot in unobscured areas.

Statistical Summary By Class					
Bare Earth - Unobscured			Low Grass - Unobscured		
Average	-0.04	ft	Average	-0.02	ft
RMSE	0.33	ft	RMSE	0.26	ft
NSSDA @ 95%	0.65	ft	NSSDA @ 95%	0.52	ft
Stdev	0.33	ft	Stdev	0.26	ft
Max	1.10	ft	Max	0.99	ft
Min	-2.10	ft	Min	-0.68	ft
Count	458		Count	238	
Urban/Hard Surface - Unobscured			Med Grass/Vegetation - Obscured		
Average	-0.13	ft	Average	-0.02	ft
RMSE	0.29	ft	RMSE	0.37	ft
NSSDA @ 95%	0.56	ft	NSSDA @ 95%	0.72	ft
Stdev	0.26	ft	Stdev	0.37	ft
Max	1.02	ft	Max	0.96	ft
Min	-1.49	ft	Min	-1.63	ft
Count	350		Count	236	
Dense Trees/Vegetation - Obscured			All Points - Unobscured and Obscured		
Average	0.12	ft	Average	-0.04	ft
RMSE	0.29	ft	RMSE	0.31	ft
NSSDA @ 95%	0.58	ft	NSSDA @ 95%	0.61	ft
Stdev	0.27	ft	Stdev	0.31	ft
Max	0.88	ft	Max	1.10	ft
Min	-0.59	ft	Min	-2.10	ft
Count	98		Count	1380	

As illustrated in the table above, Woolpert's accuracy analysis of the vertical accuracy of the TIN is 0.31-foot at the 95% confidence level for both unobscured and obscured points.

The QA/QC points in the following table are organized by unobscured and obscured, and feature class.

DTM Accuracy Analysis								
Station Name	Survey (US SV FT)			LiDAR Elev. (US SV FT)	Residual Error (US SV FT)		Feature	Tile
	Northing	Easting	Elevation		Unobscured	Obscured		
BC	2049065.83	503054.44	29.80	29.23	-0.57		Area 1 Profile 3 - Bare Earth	27167
EP	2049067.26	503053.12	29.45	29.07	-0.38		Area 1 Profile 3 - Bare Earth	27167
EP	2049087.56	503037.37	29.78	29.57	-0.22		Area 1 Profile 3 - Bare Earth	27167
MEDIAN	2049087.74	503037.32	30.13	29.60	-0.53		Area 1 Profile 3 - Bare Earth	27167
MEDIAN	2049090.57	503035.07	30.21	29.53	-0.68		Area 1 Profile 3 - Bare Earth	27167
EP	2049090.85	503034.95	29.74	29.45	-0.29		Area 1 Profile 3 - Bare Earth	27167
EP	2049130.16	503006.23	28.94	28.58	-0.36		Area 1 Profile 3 - Bare Earth	27167
CSW	2049139.27	502998.52	29.45	28.64	-0.81		Area 1 Profile 3 - Bare Earth	27167
0	2049142.16	502996.85	29.46	28.96	-0.51		Area 1 Profile 3 - Bare Earth	27167
50	2049182.43	502966.11	26.87	26.35	-0.52		Area 1 Profile 3 - Bare Earth	27167
100	2049213.81	502927.66	26.70	26.12	-0.58		Area 1 Profile 3 - Bare Earth	27167
150	2049243.22	502887.72	26.46	25.92	-0.54		Area 1 Profile 3 - Bare Earth	27167
200	2049273.17	502848.09	26.42	25.68	-0.74		Area 1 Profile 3 - Bare Earth	27167
250	2049303.06	502808.28	26.16	25.79	-0.37		Area 1 Profile 3 - Bare Earth	27167
300	2049333.07	502768.83	26.32	25.76	-0.56		Area 1 Profile 3 - Bare Earth	27167
350	2049362.74	502728.95	26.13	25.46	-0.66		Area 1 Profile 3 - Bare Earth	27167
400	2049391.82	502688.25	25.94	25.45	-0.49		Area 1 Profile 3 - Bare Earth	27167
450	2049420.77	502647.89	26.12	25.46	-0.66		Area 1 Profile 3 - Bare Earth	27167
500	2049449.72	502607.70	25.85	25.10	-0.75		Area 1 Profile 3 - Bare Earth	27167
550	2049478.70	502567.19	25.60	25.09	-0.51		Area 1 Profile 3 - Bare Earth	27167
600	2049508.17	502527.15	25.39	24.89	-0.50		Area 1 Profile 3 - Bare Earth	27167
650	2049540.11	502489.33	25.59	25.01	-0.58		Area 1 Profile 3 - Bare Earth	27167
700	2049570.75	502449.96	25.58	24.98	-0.61		Area 1 Profile 3 - Bare Earth	27167
750	2049599.50	502409.67	26.83	24.73	-2.10		Area 1 Profile 3 - Bare Earth	27167
800	2049630.63	502370.54	25.33	25.00	-0.33		Area 1 Profile 3 - Bare Earth	27167
850	2049660.51	502330.51	25.33	24.77	-0.56		Area 1 Profile 3 - Bare Earth	27167
900	2049690.01	502290.73	25.32	24.81	-0.52		Area 1 Profile 3 - Bare Earth	27167

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
950	2049719.73	502250.81	25.53	25.01	-0.52		Area 1 Profile 3 - Bare Earth	27167
1000	2049749.37	502210.72	25.59	25.19	-0.41		Area 1 Profile 3 - Bare Earth	27167
1050	2049777.70	502169.98	25.44	24.93	-0.51		Area 1 Profile 3 - Bare Earth	27167
1100	2049807.71	502130.28	25.38	24.94	-0.44		Area 1 Profile 3 - Bare Earth	27167
1150	2049838.44	502091.18	25.58	25.21	-0.36		Area 1 Profile 3 - Bare Earth	27167
1200	2049868.70	502051.69	25.70	25.16	-0.54		Area 1 Profile 3 - Bare Earth	27167
0	2018568.67	531955.12	38.08	38.39	0.31		Area 2 Profile 5 - Bare Earth	28973
50	2018566.43	531905.58	37.64	37.81	0.17		Area 2 Profile 5 - Bare Earth	28973
100	2018563.02	531855.89	37.69	37.71	0.02		Area 2 Profile 5 - Bare Earth	28973
150	2018561.72	531806.05	37.84	37.82	-0.02		Area 2 Profile 5 - Bare Earth	28973
200	2018561.80	531756.19	38.08	37.77	-0.32		Area 2 Profile 5 - Bare Earth	28973
250	2018562.00	531706.57	38.11	38.29	0.18		Area 2 Profile 5 - Bare Earth	28973
300	2018564.25	531656.85	38.24	38.54	0.29		Area 2 Profile 5 - Bare Earth	28973
350	2018565.06	531607.13	38.00	38.27	0.27		Area 2 Profile 5 - Bare Earth	28973
400	2018566.01	531557.69	38.01	38.10	0.08		Area 2 Profile 5 - Bare Earth	28973
450	2018567.59	531507.98	38.05	38.24	0.19		Area 2 Profile 5 - Bare Earth	28973
500	2018567.75	531457.94	38.04	38.19	0.15		Area 2 Profile 5 - Bare Earth	28973
550	2018569.41	531408.26	38.01	38.09	0.07		Area 2 Profile 5 - Bare Earth	28973
600	2018570.73	531358.69	38.15	37.47	-0.68		Area 2 Profile 5 - Bare Earth	28973
650	2018571.15	531309.18	38.45	37.73	-0.72		Area 2 Profile 5 - Bare Earth	28973
700	2018571.82	531259.16	38.62	38.76	0.14		Area 2 Profile 5 - Bare Earth	28973
750	2018572.98	531209.25	38.67	37.85	-0.82		Area 2 Profile 5 - Bare Earth	28973
800	2018573.68	531159.58	38.77	38.87	0.10		Area 2 Profile 5 - Bare Earth	28973
850	2018574.77	531109.64	39.06	39.09	0.03		Area 2 Profile 5 - Bare Earth	28973
900	2018575.79	531059.86	38.87	38.58	-0.29		Area 2 Profile 5 - Bare Earth	28973
950	2018576.39	531009.94	38.80	38.20	-0.59		Area 2 Profile 5 - Bare Earth	28973
1000	2018577.89	530960.45	38.86	38.95	0.09		Area 2 Profile 5 - Bare Earth	28973
1050	2018578.80	530910.83	38.78	39.08	0.30		Area 2 Profile 5 - Bare Earth	28973

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
1100	2018579.84	530861.02	38.65	38.93	0.28		Area 2 Profile 5 - Bare Earth	28973
1150	2018580.51	530811.22	38.48	38.21	-0.27		Area 2 Profile 5 - Bare Earth	28973
1200	2018582.08	530761.54	38.20	37.88	-0.32		Area 2 Profile 5 - Bare Earth	28973
0	1925448.77	521652.18	26.15	26.21	0.06		Area 3 Profile 1 - Bare Earth	34671
50	1925449.81	521702.24	25.98	26.03	0.04		Area 3 Profile 1 - Bare Earth	34671
100	1925450.87	521752.28	26.19	26.04	-0.15		Area 3 Profile 1 - Bare Earth	34671
150	1925451.66	521802.18	25.96	25.94	-0.03		Area 3 Profile 1 - Bare Earth	34671
200	1925452.53	521852.28	25.87	26.02	0.15		Area 3 Profile 1 - Bare Earth	34671
250	1925454.03	521901.99	25.96	26.00	0.04		Area 3 Profile 1 - Bare Earth	34671
300	1925455.22	521952.27	25.90	26.12	0.22		Area 3 Profile 1 - Bare Earth	34671
350	1925456.60	522002.20	25.94	26.09	0.15		Area 3 Profile 1 - Bare Earth	34671
400	1925457.33	522052.34	25.92	25.95	0.03		Area 3 Profile 1 - Bare Earth	34671
450	1925457.19	522102.72	25.63	25.84	0.21		Area 3 Profile 1 - Bare Earth	34671
500	1925458.14	522152.76	25.63	25.85	0.23		Area 3 Profile 1 - Bare Earth	34671
550	1925458.49	522202.83	25.80	26.01	0.22		Area 3 Profile 1 - Bare Earth	34671
600	1925458.69	522253.40	24.98	25.63	0.65		Area 3 Profile 1 - Bare Earth	34671
650	1925459.82	522304.02	25.78	26.01	0.22		Area 3 Profile 1 - Bare Earth	34671
700	1925461.10	522353.74	26.03	26.14	0.11		Area 3 Profile 1 - Bare Earth	34671
750	1925462.62	522403.88	26.05	26.15	0.10		Area 3 Profile 1 - Bare Earth	34671
800	1925463.65	522453.51	26.19	26.28	0.09		Area 3 Profile 1 - Bare Earth	34671
850	1925465.27	522503.51	26.28	26.35	0.08		Area 3 Profile 1 - Bare Earth	34671
900	1925466.30	522553.43	26.25	26.30	0.06		Area 3 Profile 1 - Bare Earth	34671
950	1925467.74	522603.33	26.16	26.28	0.12		Area 3 Profile 1 - Bare Earth	34671
1000	1925467.77	522653.75	26.24	26.29	0.05		Area 3 Profile 1 - Bare Earth	34671
1050	1925467.77	522703.36	26.52	26.59	0.07		Area 3 Profile 1 - Bare Earth	34671
1100	1925468.81	522753.39	26.51	26.52	0.01		Area 3 Profile 1 - Bare Earth	34671
1150	1925469.53	522803.39	26.42	26.56	0.14		Area 3 Profile 1 - Bare Earth	34671
1200	1925470.50	522853.46	26.56	26.51	-0.06		Area 3 Profile 1 - Bare Earth	34671

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
0	1960707.74	518834.66	42.18	42.32	0.15		Area 3 Profile 6 - Bare Earth	32270
50	1960706.91	518785.14	42.63	42.70	0.07		Area 3 Profile 6 - Bare Earth	32270
100	1960706.50	518735.94	42.99	42.92	-0.07		Area 3 Profile 6 - Bare Earth	32270
150	1960705.73	518686.29	43.06	43.11	0.05		Area 3 Profile 6 - Bare Earth	32270
200	1960704.68	518636.92	43.24	43.33	0.10		Area 3 Profile 6 - Bare Earth	32270
250	1960704.47	518587.35	43.58	43.68	0.10		Area 3 Profile 6 - Bare Earth	32270
300	1960703.48	518538.01	43.70	43.81	0.11		Area 3 Profile 6 - Bare Earth	32270
350	1960702.50	518488.52	43.87	43.90	0.03		Area 3 Profile 6 - Bare Earth	32270
400	1960702.12	518438.99	44.04	44.22	0.18		Area 3 Profile 6 - Bare Earth	32270
450	1960702.09	518389.62	44.40	44.48	0.09		Area 3 Profile 6 - Bare Earth	32270
500	1960701.19	518340.08	44.76	44.81	0.05		Area 3 Profile 6 - Bare Earth	32270
550	1960700.77	518290.61	45.34	45.24	-0.10		Area 3 Profile 6 - Bare Earth	32270
600	1960700.53	518241.19	45.55	45.49	-0.06		Area 3 Profile 6 - Bare Earth	32270
650	1960699.80	518191.61	45.65	45.64	-0.01		Area 3 Profile 6 - Bare Earth	32270
700	1960699.19	518142.11	45.80	45.84	0.03		Area 3 Profile 6 - Bare Earth	32270
750	1960698.45	518092.39	46.08	46.15	0.07		Area 3 Profile 6 - Bare Earth	32270
800	1960697.77	518042.90	46.03	45.99	-0.04		Area 3 Profile 6 - Bare Earth	32270
850	1960697.57	517993.31	46.36	46.47	0.11		Area 3 Profile 6 - Bare Earth	32270
900	1960696.98	517943.69	46.60	46.63	0.04		Area 3 Profile 6 - Bare Earth	32270
950	1960696.20	517894.25	46.55	46.81	0.25		Area 3 Profile 6 - Bare Earth	32270
1000	1960695.29	517844.91	46.86	46.93	0.07		Area 3 Profile 6 - Bare Earth	32270
1050	1960694.68	517795.44	46.87	46.92	0.05		Area 3 Profile 6 - Bare Earth	32270
1100	1960693.85	517745.95	46.97	47.04	0.07		Area 3 Profile 6 - Bare Earth	32270
1150	1960693.45	517696.25	46.93	47.03	0.11		Area 3 Profile 6 - Bare Earth	32270
1200	1960693.24	517646.63	47.17	47.10	-0.07		Area 3 Profile 6 - Bare Earth	32270
0	2109180.96	518959.90	22.68	22.61	-0.07		Area 4 Profile 3 - Bare Earth	23570
50	2109130.80	518959.31	22.76	22.63	-0.14		Area 4 Profile 3 - Bare Earth	23570
100	2109081.29	518960.09	23.21	23.16	-0.05		Area 4 Profile 3 - Bare Earth	23570

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
150	2109031.54	518961.67	23.29	23.14	-0.15		Area 4 Profile 3 - Bare Earth	23570
200	2108981.86	518964.04	23.60	23.44	-0.15		Area 4 Profile 3 - Bare Earth	23570
250	2108932.31	518966.40	23.65	23.58	-0.07		Area 4 Profile 3 - Bare Earth	23570
300	2108882.76	518966.93	23.61	23.53	-0.08		Area 4 Profile 3 - Bare Earth	23570
350	2108833.37	518966.89	23.70	23.61	-0.09		Area 4 Profile 3 - Bare Earth	23570
400	2108783.71	518967.00	23.75	23.85	0.10		Area 4 Profile 3 - Bare Earth	23570
450	2108734.07	518969.18	23.67	23.64	-0.03		Area 4 Profile 3 - Bare Earth	23570
500	2108684.32	518972.08	23.84	23.69	-0.16		Area 4 Profile 3 - Bare Earth	23570
550	2108634.73	518974.32	23.98	23.77	-0.21		Area 4 Profile 3 - Bare Earth	23570
600	2108585.11	518975.35	24.17	24.02	-0.15		Area 4 Profile 3 - Bare Earth	23570
650	2108535.45	518976.24	24.14	24.02	-0.12		Area 4 Profile 3 - Bare Earth	23570
700	2108485.93	518977.97	24.18	24.05	-0.13		Area 4 Profile 3 - Bare Earth	23570
750	2108436.23	518980.08	24.21	24.08	-0.13		Area 4 Profile 3 - Bare Earth	23570
800	2108386.47	518981.18	24.47	24.22	-0.25		Area 4 Profile 3 - Bare Earth	23570
850	2108336.71	518981.81	24.63	24.22	-0.41		Area 4 Profile 3 - Bare Earth	23570
900	2108287.05	518981.97	24.92	24.46	-0.45		Area 4 Profile 3 - Bare Earth	23570
950	2108237.64	518981.95	24.75	24.47	-0.27		Area 4 Profile 3 - Bare Earth	23570
1000	2108188.00	518982.37	24.96	24.50	-0.46		Area 4 Profile 3 - Bare Earth	23570
1050	2108138.24	518983.14	24.57	24.31	-0.26		Area 4 Profile 3 - Bare Earth	23570
1100	2108088.26	518984.12	24.39	24.06	-0.33		Area 4 Profile 3 - Bare Earth	23570
1150	2108038.69	518984.36	24.21	24.04	-0.17		Area 4 Profile 3 - Bare Earth	23570
1200	2107988.94	518986.47	23.94	23.96	0.02		Area 4 Profile 3 - Bare Earth	23570
0	2000407.19	515529.60	30.46	30.51	0.05		Area 5 Profile 1 - Bare Earth	29870
50	2000405.73	515479.76	30.53	30.56	0.03		Area 5 Profile 1 - Bare Earth	29870
100	2000407.27	515429.85	30.70	30.75	0.05		Area 5 Profile 1 - Bare Earth	29870
150	2000407.51	515380.05	30.39	30.45	0.06		Area 5 Profile 1 - Bare Earth	29870
200	2000409.92	515330.18	31.08	31.11	0.03		Area 5 Profile 1 - Bare Earth	29870
250	2000412.88	515280.53	31.20	31.13	-0.07		Area 5 Profile 1 - Bare Earth	29870

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
300	2000415.43	515230.99	31.03	30.97	-0.07		Area 5 Profile 1 - Bare Earth	29870
350	2000416.96	515181.24	30.68	30.65	-0.03		Area 5 Profile 1 - Bare Earth	29870
400	2000419.33	515131.48	30.53	30.36	-0.17		Area 5 Profile 1 - Bare Earth	29870
450	2000420.63	515081.78	30.76	30.57	-0.19		Area 5 Profile 1 - Bare Earth	29870
500	2000421.34	515031.89	30.61	30.59	-0.02		Area 5 Profile 1 - Bare Earth	29870
550	2000422.68	514982.38	30.26	30.13	-0.13		Area 5 Profile 1 - Bare Earth	29869
600	2000423.80	514932.73	30.42	30.34	-0.08		Area 5 Profile 1 - Bare Earth	29869
650	2000424.91	514883.08	30.18	30.07	-0.11		Area 5 Profile 1 - Bare Earth	29869
700	2000426.10	514833.34	29.90	29.82	-0.08		Area 5 Profile 1 - Bare Earth	29869
750	2000427.27	514783.69	30.13	30.09	-0.04		Area 5 Profile 1 - Bare Earth	29869
800	2000428.59	514734.07	30.32	30.14	-0.18		Area 5 Profile 1 - Bare Earth	29869
850	2000431.23	514635.02	30.36	30.22	-0.14		Area 5 Profile 1 - Bare Earth	29869
900	2000432.77	514585.31	30.23	30.08	-0.15		Area 5 Profile 1 - Bare Earth	29869
950	2000432.80	514585.20	30.26	30.08	-0.18		Area 5 Profile 1 - Bare Earth	29869
1000	2000433.48	514535.74	30.26	30.04	-0.22		Area 5 Profile 1 - Bare Earth	29869
1050	2000434.74	514486.06	30.26	29.96	-0.30		Area 5 Profile 1 - Bare Earth	29869
1100	2000435.84	514436.29	29.43	29.42	-0.01		Area 5 Profile 1 - Bare Earth	29869
1150	2000437.03	514386.53	30.08	29.84	-0.24		Area 5 Profile 1 - Bare Earth	29869
1200	2000438.15	514336.71	30.39	30.19	-0.20		Area 5 Profile 1 - Bare Earth	29869
0	2045081.04	476438.33	10.56	10.57	0.01		Area 5 Profile 5 - Bare Earth	27162
50	2045031.47	476440.75	10.78	10.62	-0.16		Area 5 Profile 5 - Bare Earth	27162
100	2044981.95	476442.96	10.62	10.39	-0.23		Area 5 Profile 5 - Bare Earth	27162
150	2044932.54	476444.70	10.67	10.55	-0.11		Area 5 Profile 5 - Bare Earth	27162
200	2044883.08	476446.92	10.83	10.62	-0.21		Area 5 Profile 5 - Bare Earth	27162
250	2044833.44	476449.26	10.73	10.55	-0.18		Area 5 Profile 5 - Bare Earth	27162
300	2044783.87	476451.14	10.71	10.58	-0.13		Area 5 Profile 5 - Bare Earth	27162
350	2044734.22	476452.58	10.79	10.69	-0.10		Area 5 Profile 5 - Bare Earth	27162
400	2044684.84	476454.97	10.91	10.71	-0.20		Area 5 Profile 5 - Bare Earth	27162

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
450	2044635.31	476457.22	10.88	10.73	-0.15		Area 5 Profile 5 - Bare Earth	27162
500	2044585.65	476459.50	11.03	10.82	-0.21		Area 5 Profile 5 - Bare Earth	27162
550	2044535.80	476462.36	11.10	10.89	-0.20		Area 5 Profile 5 - Bare Earth	27162
600	2044486.59	476464.83	11.14	10.93	-0.22		Area 5 Profile 5 - Bare Earth	27162
650	2044436.82	476467.57	11.30	11.05	-0.25		Area 5 Profile 5 - Bare Earth	27162
700	2044387.04	476469.80	11.37	11.19	-0.18		Area 5 Profile 5 - Bare Earth	27162
750	2044337.39	476472.10	11.28	11.10	-0.18		Area 5 Profile 5 - Bare Earth	27162
800	2044288.01	476474.47	11.02	10.98	-0.05		Area 5 Profile 5 - Bare Earth	27162
850	2044238.74	476477.12	11.01	11.14	0.13		Area 5 Profile 5 - Bare Earth y	27162
900	2044189.37	476479.46	11.05	10.92	-0.13		Area 5 Profile 5 - Bare Earth	27162
950	2044139.84	476482.11	11.20	11.02	-0.18		Area 5 Profile 5 - Bare Earth	27162
1000	2044090.25	476484.61	11.22	11.04	-0.19		Area 5 Profile 5 - Bare Earth	27162
1050	2044040.88	476487.52	11.28	11.18	-0.10		Area 5 Profile 5 - Bare Earth	27162
1100	2043991.34	476489.98	11.37	11.22	-0.15		Area 5 Profile 5 - Bare Earth	27162
1150	2043941.75	476492.72	11.32	11.23	-0.09		Area 5 Profile 5 - Bare Earth	27162
1200	2043892.24	476495.22	11.35	11.33	-0.02		Area 5 Profile 5 - Bare Earth	27162
0	2088746.72	477194.93	23.57	23.55	-0.02		Area 5 Profile 9 - Bare Earth	24762
50	2088796.75	477193.73	23.37	23.30	-0.07		Area 5 Profile 9 - Bare Earth	24762
100	2088843.83	477192.61	23.35	23.47	0.12		Area 5 Profile 9 - Bare Earth	24762
150	2088895.96	477187.73	23.65	23.36	-0.29		Area 5 Profile 9 - Bare Earth	24762
200	2088945.77	477189.12	23.44	23.04	-0.40		Area 5 Profile 9 - Bare Earth	24762
250	2088992.73	477183.27	23.21	22.73	-0.48		Area 5 Profile 9 - Bare Earth	24762
300	2089044.25	477170.87	23.14	22.86	-0.28		Area 5 Profile 9 - Bare Earth	24762
350	2089093.58	477165.37	23.43	22.82	-0.61		Area 5 Profile 9 - Bare Earth	24762
400	2089143.06	477159.07	23.00	22.95	-0.05		Area 5 Profile 9 - Bare Earth	24762
450	2089192.30	477152.55	23.01	23.13	0.12		Area 5 Profile 9 - Bare Earth	24762
500	2089241.79	477146.41	23.64	23.37	-0.27		Area 5 Profile 9 - Bare Earth	24762
550	2089291.23	477140.36	23.61	23.65	0.04		Area 5 Profile 9 - Bare Earth	24762

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
600	2089340.60	477134.55	23.71	23.57	-0.14		Area 5 Profile 9 - Bare Earth	24762
650	2089390.04	477128.86	23.69	23.50	-0.19		Area 5 Profile 9 - Bare Earth	24762
700	2089439.27	477122.49	23.54	23.45	-0.08		Area 5 Profile 9 - Bare Earth	24762
750	2089488.70	477116.28	23.37	23.23	-0.14		Area 5 Profile 9 - Bare Earth	24762
800	2089538.00	477110.00	23.23	23.36	0.14		Area 5 Profile 9 - Bare Earth	24762
850	2089587.46	477104.13	23.36	23.42	0.07		Area 5 Profile 9 - Bare Earth	24762
900	2089636.98	477098.07	22.73	22.74	0.02		Area 5 Profile 9 - Bare Earth	24762
950	2089686.30	477091.65	23.12	23.08	-0.04		Area 5 Profile 9 - Bare Earth	24762
1000	2089735.64	477085.71	23.51	23.36	-0.15		Area 5 Profile 9 - Bare Earth	24762
1050	2089785.10	477079.24	23.41	23.44	0.03		Area 5 Profile 9 - Bare Earth	24762
1100	2089834.53	477072.86	23.57	23.52	-0.05		Area 5 Profile 9 - Bare Earth	24762
1150	2089883.98	477066.54	23.64	23.66	0.02		Area 5 Profile 9 - Bare Earth	24762
1200	2089933.50	477060.91	23.80	23.80	0.00		Area 5 Profile 9 - Bare Earth	24762
0	2064346.91	542267.40	4.03	4.07	0.04		Area 6 Profile 5 - Bare Earth	26275
50	2064383.26	542301.25	3.61	3.86	0.25		Area 6 Profile 5 - Bare Earth	26275
100	2064424.01	542329.70	3.56	3.70	0.14		Area 6 Profile 5 - Bare Earth	26275
150	2064470.27	542347.98	3.60	3.80	0.20		Area 6 Profile 5 - Bare Earth	26275
200	2064519.44	542355.71	3.55	3.75	0.21		Area 6 Profile 5 - Bare Earth	26275
250	2064569.22	542356.72	3.66	3.96	0.30		Area 6 Profile 5 - Bare Earth	26275
300	2064618.84	542354.59	3.63	3.93	0.30		Area 6 Profile 5 - Bare Earth	26275
350	2064668.37	542350.76	3.88	4.10	0.22		Area 6 Profile 5 - Bare Earth	26275
400	2064718.21	542347.11	3.83	4.17	0.34		Area 6 Profile 5 - Bare Earth	26275
450	2064767.95	542343.51	3.60	3.63	0.03		Area 6 Profile 5 - Bare Earth	26275
500	2064817.55	542339.38	3.62	3.56	-0.06		Area 6 Profile 5 - Bare Earth	26275
550	2064867.39	542335.56	3.83	4.17	0.34		Area 6 Profile 5 - Bare Earth	26275
600	2064916.95	542331.00	3.96	4.18	0.22		Area 6 Profile 5 - Bare Earth	26275
650	2064966.53	542326.91	3.88	4.27	0.39		Area 6 Profile 5 - Bare Earth	26275
700	2065016.15	542322.61	3.49	3.71	0.22		Area 6 Profile 5 - Bare Earth	25975

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
750	2065065.89	542317.85	3.48	3.64	0.16		Area 6 Profile 5 - Bare Earth	25975
800	2065115.12	542310.81	3.58	3.70	0.12		Area 6 Profile 5 - Bare Earth	25975
850	2065164.59	542304.30	3.42	3.48	0.07		Area 6 Profile 5 - Bare Earth	25975
900	2065213.81	542298.94	3.27	3.33	0.06		Area 6 Profile 5 - Bare Earth	25975
950	2065262.97	542292.23	2.66	2.70	0.05		Area 6 Profile 5 - Bare Earth	25975
1000	2065309.43	542274.22	2.99	3.11	0.12		Area 6 Profile 5 - Bare Earth	25975
1050	2065352.19	542248.91	3.24	3.45	0.21		Area 6 Profile 5 - Bare Earth	25975
1100	2065396.92	542227.09	3.15	3.33	0.18		Area 6 Profile 5 - Bare Earth	25975
1150	2065443.35	542209.28	3.40	3.69	0.29		Area 6 Profile 5 - Bare Earth	25975
1200	2065493.06	542205.41	3.63	3.94	0.31		Area 6 Profile 5 - Bare Earth	25975
0	2041659.38	535107.04	35.42	35.50	0.09		Area 6 Profile 7 - Bare Earth	27474
50	2041610.03	535114.81	34.55	34.60	0.05		Area 6 Profile 7 - Bare Earth	27474
100	2041560.91	535124.18	34.57	34.61	0.04		Area 6 Profile 7 - Bare Earth	27474
150	2041512.66	535136.12	34.50	34.59	0.09		Area 6 Profile 7 - Bare Earth	27474
200	2041464.78	535149.68	34.80	34.93	0.13		Area 6 Profile 7 - Bare Earth	27474
250	2041417.16	535164.17	35.05	35.17	0.12		Area 6 Profile 7 - Bare Earth	27474
300	2041369.76	535178.81	35.13	35.14	0.01		Area 6 Profile 7 - Bare Earth	27474
350	2041322.38	535193.68	34.87	34.96	0.10		Area 6 Profile 7 - Bare Earth	27474
400	2041274.96	535208.63	34.78	34.94	0.16		Area 6 Profile 7 - Bare Earth	27474
450	2041227.33	535223.24	34.77	34.84	0.07		Area 6 Profile 7 - Bare Earth	27474
500	2041179.79	535238.38	34.64	34.71	0.07		Area 6 Profile 7 - Bare Earth	27474
550	2041132.25	535253.54	34.58	34.67	0.09		Area 6 Profile 7 - Bare Earth	27474
600	2041085.30	535269.65	34.52	34.70	0.18		Area 6 Profile 7 - Bare Earth	27474
650	2041038.11	535285.27	34.67	34.71	0.04		Area 6 Profile 7 - Bare Earth	27474
700	2040990.68	535300.60	34.83	34.73	-0.10		Area 6 Profile 7 - Bare Earth	27474
750	2040943.34	535316.43	34.63	34.46	-0.18		Area 6 Profile 7 - Bare Earth	27474
800	2040895.98	535331.67	34.43	34.29	-0.14		Area 6 Profile 7 - Bare Earth	27474
850	2040848.79	535347.76	34.30	34.42	0.13		Area 6 Profile 7 - Bare Earth	27474

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
900	2040801.79	535364.00	34.51	34.48	-0.04		Area 6 Profile 7 - Bare Earth	27474
950	2040754.68	535380.18	34.59	34.53	-0.06		Area 6 Profile 7 - Bare Earth	27474
1000	2040707.59	535395.83	34.43	34.52	0.09		Area 6 Profile 7 - Bare Earth	27474
1050	2040660.17	535411.67	34.69	34.73	0.04		Area 6 Profile 7 - Bare Earth	27474
1100	2040613.06	535427.76	34.96	34.97	0.01		Area 6 Profile 7 - Bare Earth	27474
1150	2040565.80	535443.09	34.81	34.95	0.14		Area 6 Profile 7 - Bare Earth	27474
1200	2040518.58	535459.16	34.65	34.76	0.11		Area 6 Profile 7 - Bare Earth	27474
0	1924860.72	526891.65	26.42	26.74	0.32		Area 7 Profile 1 - Bare Earth	34672
50	1924897.57	526925.40	26.34	26.50	0.16		Area 7 Profile 1 - Bare Earth	34672
100	1924934.45	526959.05	26.54	26.74	0.20		Area 7 Profile 1 - Bare Earth	34672
150	1924971.06	526992.83	26.73	26.99	0.26		Area 7 Profile 1 - Bare Earth	34672
200	1925007.99	527026.42	26.92	27.14	0.22		Area 7 Profile 1 - Bare Earth	34672
250	1925044.63	527060.09	27.07	27.27	0.20		Area 7 Profile 1 - Bare Earth	34672
300	1925081.30	527093.79	27.54	27.46	-0.08		Area 7 Profile 1 - Bare Earth	34672
350	1925118.21	527127.33	27.61	27.65	0.03		Area 7 Profile 1 - Bare Earth	34672
400	1925154.99	527161.15	27.84	27.68	-0.16		Area 7 Profile 1 - Bare Earth	34672
450	1925191.70	527194.77	27.92	27.65	-0.26		Area 7 Profile 1 - Bare Earth	34672
500	1925228.82	527228.38	27.84	27.69	-0.14		Area 7 Profile 1 - Bare Earth	34672
550	1925265.36	527262.07	27.93	27.63	-0.29		Area 7 Profile 1 - Bare Earth	34672
600	1925302.15	527295.65	27.80	27.41	-0.39		Area 7 Profile 1 - Bare Earth	34672
650	1925338.85	527329.39	27.29	27.18	-0.11		Area 7 Profile 1 - Bare Earth	34672
700	1925375.86	527362.99	27.18	26.91	-0.28		Area 7 Profile 1 - Bare Earth	34672
750	1925412.76	527396.64	27.25	26.70	-0.55		Area 7 Profile 1 - Bare Earth	34672
800	1925449.27	527430.42	26.69	26.56	-0.13		Area 7 Profile 1 - Bare Earth	34672
850	1925486.05	527464.07	26.54	26.63	0.08		Area 7 Profile 1 - Bare Earth	34672
900	1925522.54	527497.61	25.80	26.39	0.60		Area 7 Profile 1 - Bare Earth	34672
950	1925559.71	527531.35	27.37	26.88	-0.48		Area 7 Profile 1 - Bare Earth	34672
1000	1925596.19	527564.98	27.00	27.03	0.03		Area 7 Profile 1 - Bare Earth	34672

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
1050	1925633.04	527598.75	27.38	27.45	0.08		Area 7 Profile 1 - Bare Earth	34672
1100	1925669.95	527632.32	27.72	27.72	0.00		Area 7 Profile 1 - Bare Earth	34672
1150	1925706.58	527665.96	27.64	27.80	0.16		Area 7 Profile 1 - Bare Earth	34672
1200	1925743.36	527699.62	27.78	27.75	-0.04		Area 7 Profile 1 - Bare Earth	34672
0	1935156.43	554541.46	35.57	35.75	0.17		Area 7 Profile 2 - Bare Earth	33777
50	1935152.32	554491.57	35.60	35.90	0.30		Area 7 Profile 2 - Bare Earth	33777
100	1935148.51	554441.62	35.59	35.90	0.30		Area 7 Profile 2 - Bare Earth	33777
150	1935144.65	554391.80	35.86	36.04	0.18		Area 7 Profile 2 - Bare Earth	33777
200	1935140.74	554341.94	35.85	36.01	0.16		Area 7 Profile 2 - Bare Earth	33777
250	1935136.73	554292.08	35.66	35.92	0.26		Area 7 Profile 2 - Bare Earth	33777
300	1935132.77	554242.17	35.42	35.72	0.31		Area 7 Profile 2 - Bare Earth	33777
350	1935128.79	554192.34	35.34	35.59	0.25		Area 7 Profile 2 - Bare Earth	33777
400	1935124.89	554142.52	35.11	35.33	0.22		Area 7 Profile 2 - Bare Earth	33777
450	1935120.98	554092.66	35.04	35.23	0.19		Area 7 Profile 2 - Bare Earth	33777
500	1935117.04	554042.83	34.75	34.89	0.14		Area 7 Profile 2 - Bare Earth	33777
550	1935112.98	553992.98	34.48	34.67	0.18		Area 7 Profile 2 - Bare Earth	33777
600	1935108.93	553943.15	34.14	34.26	0.12		Area 7 Profile 2 - Bare Earth	33777
650	1935105.05	553893.28	33.96	33.98	0.02		Area 7 Profile 2 - Bare Earth	33777
700	1935101.07	553843.42	33.56	33.66	0.09		Area 7 Profile 2 - Bare Earth	33777
750	1935097.19	553793.52	33.19	33.21	0.02		Area 7 Profile 2 - Bare Earth	33777
800	1935093.37	553743.57	32.67	32.79	0.12		Area 7 Profile 2 - Bare Earth	33777
850	1935089.48	553693.71	32.35	32.38	0.04		Area 7 Profile 2 - Bare Earth	33777
900	1935085.53	553643.80	31.82	31.93	0.11		Area 7 Profile 2 - Bare Earth	33777
950	1935081.53	553593.92	31.27	31.36	0.09		Area 7 Profile 2 - Bare Earth	33777
1000	1935077.64	553544.08	30.73	30.82	0.08		Area 7 Profile 2 - Bare Earth	33777
1050	1935073.58	553494.24	30.12	30.27	0.15		Area 7 Profile 2 - Bare Earth	33777
1100	1935069.72	553444.35	29.81	29.81	-0.01		Area 7 Profile 2 - Bare Earth	33777
1150	1935065.82	553394.47	29.48	29.47	-0.01		Area 7 Profile 2 - Bare Earth	33777

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
1200	1935061.76	553344.59	29.32	29.12	-0.20		Area 7 Profile 2 - Bare Earth	33777
0	1946954.17	585381.77	3.95	4.15	0.20		Area 7 Profile 3 - Bare Earth	33184
50	1946906.82	585398.29	3.59	3.90	0.31		Area 7 Profile 3 - Bare Earth	33184
100	1946857.32	585404.25	3.87	4.10	0.24		Area 7 Profile 3 - Bare Earth	33184
150	1946807.37	585403.16	2.62	2.92	0.30		Area 7 Profile 3 - Bare Earth	33184
200	1946758.06	585411.55	1.62	1.94	0.32		Area 7 Profile 3 - Bare Earth	33184
250	1946712.32	585431.63	2.36	2.60	0.24		Area 7 Profile 3 - Bare Earth	33184
300	1946665.20	585448.56	3.91	4.16	0.25		Area 7 Profile 3 - Bare Earth	33184
350	1946616.88	585460.80	4.93	5.14	0.21		Area 7 Profile 3 - Bare Earth	33184
400	1946568.86	585474.61	3.96	4.23	0.27		Area 7 Profile 3 - Bare Earth	33184
450	1946520.03	585485.57	4.05	4.37	0.32		Area 7 Profile 3 - Bare Earth	33184
500	1946471.59	585498.13	6.02	6.20	0.18		Area 7 Profile 3 - Bare Earth	33184
550	1946423.13	585510.11	6.62	6.83	0.21		Area 7 Profile 3 - Bare Earth	33184
600	1946375.26	585524.57	6.27	6.54	0.27		Area 7 Profile 3 - Bare Earth	33184
650	1946328.97	585543.21	4.73	5.14	0.41		Area 7 Profile 3 - Bare Earth	33184
700	1946281.13	585558.34	6.04	6.52	0.49		Area 7 Profile 3 - Bare Earth	33184
750	1946235.30	585578.29	6.76	7.19	0.43		Area 7 Profile 3 - Bare Earth	33184
800	1946190.85	585600.94	4.89	5.40	0.50		Area 7 Profile 3 - Bare Earth	33184
850	1946147.21	585625.26	3.43	4.07	0.63		Area 7 Profile 3 - Bare Earth	33184
900	1946099.73	585640.52	4.63	5.17	0.54		Area 7 Profile 3 - Bare Earth	33184
950	1946050.36	585648.20	3.90	4.41	0.51		Area 7 Profile 3 - Bare Earth	33184
1000	1946004.08	585635.31	2.88	3.30	0.42		Area 7 Profile 3 - Bare Earth	33184
1050	1945975.93	585593.79	3.22	3.78	0.56		Area 7 Profile 3 - Bare Earth	33184
1100	1945942.43	585556.93	3.06	3.53	0.47		Area 7 Profile 3 - Bare Earth	33184
1150	1945899.46	585531.54	3.57	4.08	0.52		Area 7 Profile 3 - Bare Earth	33184
G004	1955756.72	582960.72	7.23	8.33	1.10		Area 7 Profile 3 - Bare Earth	33184
0	1952517.73	560997.52	27.21	26.91	-0.30		Area 7 Profile 5 - Bare Earth	32879
50	1952509.45	560948.00	26.09	26.12	0.04		Area 7 Profile 5 - Bare Earth	32879

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
100	1952499.43	560898.90	25.71	25.65	-0.06		Area 7 Profile 5 - Bare Earth	32879
150	1952486.91	560850.53	25.60	25.28	-0.32		Area 7 Profile 5 - Bare Earth	32879
200	1952468.91	560803.79	25.71	24.90	-0.82		Area 7 Profile 5 - Bare Earth	32879
250	1952445.77	560759.45	25.86	24.91	-0.95		Area 7 Profile 5 - Bare Earth	32879
300	1952419.15	560716.96	25.75	25.13	-0.62		Area 7 Profile 5 - Bare Earth	32879
350	1952392.34	560674.58	25.90	25.48	-0.42		Area 7 Profile 5 - Bare Earth	32879
400	1952364.80	560632.88	25.67	25.90	0.23		Area 7 Profile 5 - Bare Earth	32879
450	1952336.90	560591.36	25.68	25.02	-0.66		Area 7 Profile 5 - Bare Earth	32879
500	1952309.47	560549.62	25.36	25.38	0.02		Area 7 Profile 5 - Bare Earth	32879
550	1952282.75	560507.15	25.45	25.02	-0.43		Area 7 Profile 5 - Bare Earth	32879
600	1952258.50	560463.57	25.49	24.61	-0.88		Area 7 Profile 5 - Bare Earth	32879
650	1952237.60	560417.71	25.21	24.97	-0.24		Area 7 Profile 5 - Bare Earth	32879
700	1952214.01	560363.79	25.48	25.43	-0.05		Area 7 Profile 5 - Bare Earth	32879
750	1952171.99	560337.58	25.55	25.60	0.06		Area 7 Profile 5 - Bare Earth	32879
800	1952122.13	560333.26	25.67	25.23	-0.45		Area 7 Profile 5 - Bare Earth	32879
850	1952072.41	560327.41	25.45	24.90	-0.55		Area 7 Profile 5 - Bare Earth	32879
900	1952022.50	560321.19	25.33	25.33	0.00		Area 7 Profile 5 - Bare Earth	32879
950	1951973.29	560312.76	25.09	24.56	-0.52		Area 7 Profile 5 - Bare Earth	32879
1000	1951924.04	560303.96	24.83	24.35	-0.48		Area 7 Profile 5 - Bare Earth	32879
1050	1951874.79	560295.12	24.61	24.78	0.18		Area 7 Profile 5 - Bare Earth	32879
1100	1951825.61	560286.51	24.46	24.56	0.10		Area 7 Profile 5 - Bare Earth	32879
1150	1951776.04	560280.21	24.38	24.05	-0.33		Area 7 Profile 5 - Bare Earth	32879
1200	1951726.01	560279.72	24.50	23.91	-0.59		Area 7 Profile 5 - Bare Earth	32879
0	1949128.13	533973.01	34.51	34.71	0.20		Area 7 Profile 6 - Bare Earth	33173
50	1949128.90	533922.88	34.57	34.81	0.24		Area 7 Profile 6 - Bare Earth	33173
100	1949130.63	533872.98	34.66	34.89	0.23		Area 7 Profile 6 - Bare Earth	33173
150	1949131.71	533823.04	34.69	34.99	0.30		Area 7 Profile 6 - Bare Earth	33173
200	1949132.95	533772.99	35.01	35.19	0.18		Area 7 Profile 6 - Bare Earth	33173

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
250	1949133.33	533723.03	35.13	35.28	0.15		Area 7 Profile 6 - Bare Earth	33173
300	1949134.05	533673.11	35.11	35.29	0.18		Area 7 Profile 6 - Bare Earth	33173
350	1949135.40	533623.12	35.09	35.25	0.16		Area 7 Profile 6 - Bare Earth	33173
400	1949136.58	533573.02	35.01	35.21	0.20		Area 7 Profile 6 - Bare Earth	33173
450	1949140.15	533523.08	35.08	35.07	-0.01		Area 7 Profile 6 - Bare Earth	33173
500	1949149.43	533474.02	34.63	34.78	0.15		Area 7 Profile 6 - Bare Earth	33173
550	1949171.28	533428.95	34.09	34.30	0.20		Area 7 Profile 6 - Bare Earth	33173
600	1949207.94	533394.94	33.52	33.69	0.18		Area 7 Profile 6 - Bare Earth	33173
650	1949253.89	533375.45	33.33	33.53	0.21		Area 7 Profile 6 - Bare Earth	33173
700	1949302.72	533364.29	33.93	34.06	0.13		Area 7 Profile 6 - Bare Earth	33173
750	1949352.74	533362.39	34.04	33.92	-0.13		Area 7 Profile 6 - Bare Earth	33173
800	1949402.71	533361.45	34.28	34.40	0.12		Area 7 Profile 6 - Bare Earth	33173
850	1949452.78	533360.83	34.37	34.54	0.17		Area 7 Profile 6 - Bare Earth	33173
900	1949502.82	533360.30	34.65	34.70	0.05		Area 7 Profile 6 - Bare Earth	33173
950	1949552.92	533360.12	34.43	34.57	0.14		Area 7 Profile 6 - Bare Earth	33173
1000	1949602.83	533359.51	34.87	34.65	-0.22		Area 7 Profile 6 - Bare Earth	33173
1050	1949653.05	533358.78	34.63	34.51	-0.12		Area 7 Profile 6 - Bare Earth	33173
1100	1949703.18	533358.10	34.47	34.64	0.16		Area 7 Profile 6 - Bare Earth	33173
1150	1949753.19	533357.39	34.46	34.56	0.10		Area 7 Profile 6 - Bare Earth	33173
1200	1949803.36	533356.13	34.30	34.43	0.13		Area 7 Profile 6 - Bare Earth	33173
0	1960907.35	524439.80	34.08	33.67	-0.41		Area 7 Profile 7 - Bare Earth	33271
50	1960956.78	524444.45	33.83	33.07	-0.76		Area 7 Profile 7 - Bare Earth	33271
100	1961006.10	524449.68	33.88	32.89	-0.99		Area 7 Profile 7 - Bare Earth	33271
150	1961055.61	524454.95	33.93	33.01	-0.92		Area 7 Profile 7 - Bare Earth	33271
200	1961105.16	524459.43	33.43	33.27	-0.16		Area 7 Profile 7 - Bare Earth	33271
250	1961154.81	524463.42	33.77	33.03	-0.74		Area 7 Profile 7 - Bare Earth	33271
300	1961204.62	524465.91	34.04	34.03	-0.01		Area 7 Profile 7 - Bare Earth	33271
350	1961254.30	524462.09	34.18	34.35	0.18		Area 7 Profile 7 - Bare Earth	33271

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
400	1961303.35	524453.49	34.87	34.44	-0.43		Area 7 Profile 7 - Bare Earth	33271
450	1961352.37	524443.99	35.08	34.83	-0.25		Area 7 Profile 7 - Bare Earth	33271
500	1961401.49	524435.22	34.28	34.37	0.10		Area 7 Profile 7 - Bare Earth	33271
550	1961450.36	524426.04	34.05	34.10	0.05		Area 7 Profile 7 - Bare Earth	33271
600	1961499.11	524416.10	34.57	34.53	-0.04		Area 7 Profile 7 - Bare Earth	33271
650	1961547.94	524406.00	35.42	35.00	-0.42		Area 7 Profile 7 - Bare Earth	33271
700	1961596.70	524396.09	34.96	34.38	-0.58		Area 7 Profile 7 - Bare Earth	33271
750	1961645.55	524386.90	34.48	34.47	-0.01		Area 7 Profile 7 - Bare Earth	33271
800	1961694.46	524377.40	34.04	33.19	-0.86		Area 7 Profile 7 - Bare Earth	33271
850	1961743.76	524368.94	34.44	32.70	-1.75		Area 7 Profile 7 - Bare Earth	33271
900	1961792.58	524358.20	34.22	32.74	-1.48		Area 7 Profile 7 - Bare Earth	33271
950	1961839.40	524341.45	34.20	32.94	-1.26		Area 7 Profile 7 - Bare Earth	33271
1000	1961881.43	524314.73	34.33	34.15	-0.18		Area 7 Profile 7 - Bare Earth	33271
1050	1961918.44	524281.69	34.41	34.24	-0.17		Area 7 Profile 7 - Bare Earth	33271
1100	1961954.72	524247.55	34.62	34.69	0.07		Area 7 Profile 7 - Bare Earth	33271
1150	1961990.58	524213.03	35.09	35.17	0.08		Area 7 Profile 7 - Bare Earth	33271
1200	1962026.73	524178.71	34.69	34.66	-0.03		Area 7 Profile 7 - Bare Earth	33271
0	1987253.29	527614.91	37.24	37.49	0.25		Area 7 Profile 8 - Bare Earth	30772
50	1987206.90	527634.20	37.27	37.50	0.23		Area 7 Profile 8 - Bare Earth	30772
100	1987160.47	527652.88	37.28	37.45	0.18		Area 7 Profile 8 - Bare Earth	30772
150	1987114.02	527671.54	37.06	37.20	0.14		Area 7 Profile 8 - Bare Earth	30772
200	1987067.44	527690.21	36.95	36.66	-0.29		Area 7 Profile 8 - Bare Earth	30772
250	1987021.11	527708.97	36.97	36.89	-0.08		Area 7 Profile 8 - Bare Earth	30772
300	1986974.57	527727.74	36.97	36.93	-0.03		Area 7 Profile 8 - Bare Earth	30772
350	1986928.20	527746.50	36.82	36.82	0.00		Area 7 Profile 8 - Bare Earth	30772
400	1986881.81	527765.64	36.74	36.88	0.14		Area 7 Profile 8 - Bare Earth	30772
450	1986835.63	527785.25	36.67	36.84	0.17		Area 7 Profile 8 - Bare Earth	30772
500	1986789.07	527804.07	36.77	36.84	0.07		Area 7 Profile 8 - Bare Earth	30772

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
550	1986742.47	527822.37	36.99	37.07	0.08		Area 7 Profile 8 - Bare Earth	30772
600	1986695.60	527839.97	37.15	37.17	0.02		Area 7 Profile 8 - Bare Earth	30772
650	1986649.65	527857.18	37.14	37.25	0.11		Area 7 Profile 8 - Bare Earth	30772
700	1986602.33	527874.02	37.05	37.01	-0.04		Area 7 Profile 8 - Bare Earth	30772
750	1986555.55	527891.81	36.91	36.96	0.05		Area 7 Profile 8 - Bare Earth	30772
800	1986508.82	527909.47	36.61	36.87	0.26		Area 7 Profile 8 - Bare Earth	30772
850	1986462.32	527928.21	36.80	37.00	0.20		Area 7 Profile 8 - Bare Earth	30772
900	1986416.19	527948.03	36.93	37.23	0.30		Area 7 Profile 8 - Bare Earth	30772
950	1986370.54	527969.68	36.96	37.09	0.13		Area 7 Profile 8 - Bare Earth	30772
1000	1986325.81	527992.33	37.03	37.30	0.27		Area 7 Profile 8 - Bare Earth	30772
1050	1986281.64	528015.81	37.00	37.10	0.10		Area 7 Profile 8 - Bare Earth	30772
1100	1986237.12	528039.21	37.17	37.32	0.15		Area 7 Profile 8 - Bare Earth	30772
1150	1986192.77	528062.46	37.22	37.32	0.10		Area 7 Profile 8 - Bare Earth	30772
1200	1986148.75	528085.17	37.15	37.34	0.19		Area 7 Profile 8 - Bare Earth	30772
0	1971400.75	554052.16	24.99	25.29	0.30		Area 7 Profile 9 - Bare Earth	31677
50	1971350.51	554052.34	24.89	25.12	0.23		Area 7 Profile 9 - Bare Earth	31677
100	1971300.87	554052.59	24.83	25.05	0.22		Area 7 Profile 9 - Bare Earth	31677
150	1971201.10	554053.21	24.86	25.17	0.32		Area 7 Profile 9 - Bare Earth	31677
200	1971150.86	554053.46	24.72	25.16	0.43		Area 7 Profile 9 - Bare Earth	31677
250	1971100.95	554053.62	24.98	25.21	0.23		Area 7 Profile 9 - Bare Earth	31677
300	1971050.96	554053.94	24.92	25.34	0.42		Area 7 Profile 9 - Bare Earth	31677
350	1971000.69	554054.11	25.13	25.22	0.10		Area 7 Profile 9 - Bare Earth	31677
400	1970950.63	554054.30	25.65	25.46	-0.19		Area 7 Profile 9 - Bare Earth	31677
450	1970900.84	554054.65	25.49	25.53	0.04		Area 7 Profile 9 - Bare Earth	31677
500	1970850.74	554055.00	25.06	25.42	0.36		Area 7 Profile 9 - Bare Earth	31677
550	1970800.54	554055.26	24.95	25.23	0.27		Area 7 Profile 9 - Bare Earth	31677
600	1970750.42	554055.40	24.85	25.41	0.56		Area 7 Profile 9 - Bare Earth	31677
650	1970700.40	554055.80	25.14	25.30	0.16		Area 7 Profile 9 - Bare Earth	31677

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
700	1970650.46	554056.05	25.23	25.46	0.23		Area 7 Profile 9 - Bare Earth	31677
750	1970600.20	554056.15	25.01	25.31	0.30		Area 7 Profile 9 - Bare Earth	31677
800	1970549.93	554056.69	26.01	25.76	-0.25		Area 7 Profile 9 - Bare Earth	31677
850	1970499.83	554056.95	25.40	25.67	0.27		Area 7 Profile 9 - Bare Earth	31677
900	1970449.84	554057.04	25.37	25.52	0.15		Area 7 Profile 9 - Bare Earth	31677
950	1970399.89	554057.18	25.12	25.60	0.48		Area 7 Profile 9 - Bare Earth	31677
1000	1970349.77	554057.47	25.25	25.59	0.35		Area 7 Profile 9 - Bare Earth	31677
1050	1970299.76	554057.85	25.36	25.43	0.07		Area 7 Profile 9 - Bare Earth	31677
1100	1970249.70	554058.08	25.19	25.45	0.26		Area 7 Profile 9 - Bare Earth	31677
1150	1970199.60	554058.38	24.69	25.26	0.57		Area 7 Profile 9 - Bare Earth	31677
1200	1970149.60	554058.87	25.52	25.65	0.13		Area 7 Profile 9 - Bare Earth	31677
EP	2056048.70	488450.85	21.66	21.44	-0.21		Area 1 Profile 1- Low Grass	26564
CLR	2056058.04	488458.01	21.98	21.75	-0.24		Area 1 Profile 1- Low Grass	26564
EP	2056066.93	488465.98	21.89	21.59	-0.30		Area 1 Profile 1- Low Grass	26564
TB	2056071.44	488467.76	21.53	21.34	-0.19		Area 1 Profile 1- Low Grass	26564
BOT	2056079.97	488474.73	19.38	19.84	0.45		Area 1 Profile 1- Low Grass	26564
TB	2056085.30	488479.53	20.78	20.49	-0.30		Area 1 Profile 1- Low Grass	26564
0	2056087.71	488482.74	20.99	20.77	-0.21		Area 1 Profile 1- Low Grass	26564
50	2056129.53	488510.18	21.12	21.11	-0.01		Area 1 Profile 1- Low Grass	26564
100	2056171.22	488537.51	21.61	21.60	-0.02		Area 1 Profile 1- Low Grass	26564
150	2056212.86	488564.63	22.20	22.19	-0.02		Area 1 Profile 1- Low Grass	26564
200	2056254.24	488592.03	22.43	22.37	-0.06		Area 1 Profile 1- Low Grass	26564
250	2056295.59	488619.41	22.81	22.67	-0.15		Area 1 Profile 1- Low Grass	26564
300	2056337.12	488646.44	23.17	23.14	-0.03		Area 1 Profile 1- Low Grass	26564
350	2056378.64	488673.68	23.35	23.40	0.05		Area 1 Profile 1- Low Grass	26564
400	2056420.16	488700.74	23.66	23.62	-0.04		Area 1 Profile 1- Low Grass	26564
450	2056461.54	488727.49	24.53	23.85	-0.68		Area 1 Profile 1- Low Grass	26564
500	2056503.22	488754.87	24.30	24.39	0.09		Area 1 Profile 1- Low Grass	26564

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
550	2056544.92	488781.83	24.70	24.73	0.03		Area 1 Profile 1- Low Grass	26564
600	2056586.21	488809.29	24.50	24.57	0.07		Area 1 Profile 1- Low Grass	26564
650	2056627.82	488836.61	24.51	24.57	0.06		Area 1 Profile 1- Low Grass	26564
700	2056668.91	488864.19	24.70	24.73	0.03		Area 1 Profile 1- Low Grass	26564
750	2056710.17	488891.58	24.80	24.89	0.09		Area 1 Profile 1- Low Grass	26564
800	2056751.74	488919.04	25.04	25.08	0.05		Area 1 Profile 1- Low Grass	26564
850	2056793.33	488946.51	25.10	25.14	0.04		Area 1 Profile 1- Low Grass	26564
900	2056835.03	488973.37	24.97	25.07	0.10		Area 1 Profile 1- Low Grass	26564
950	2056876.62	489000.83	25.25	25.31	0.07		Area 1 Profile 1- Low Grass	26564
1000	2056918.21	489028.79	25.43	25.36	-0.07		Area 1 Profile 1- Low Grass	26564
1050	2056959.25	489056.49	25.53	25.48	-0.05		Area 1 Profile 1- Low Grass	26564
1100	2057000.48	489084.17	25.42	25.37	-0.05		Area 1 Profile 1- Low Grass	26564
1150	2057041.92	489111.76	25.43	25.35	-0.08		Area 1 Profile 1- Low Grass	26564
1200	2057083.38	489139.38	25.29	25.34	0.05		Area 1 Profile 1- Low Grass	26564
EP	2049860.59	496539.10	22.38	22.34	-0.04		Area 1 Profile 2 - Low Grass	27166
CLR	2049877.28	496544.74	22.92	22.83	-0.09		Area 1 Profile 2 - Low Grass	27166
EP	2049894.00	496550.16	22.40	22.41	0.02		Area 1 Profile 2 - Low Grass	27166
TB	2049901.05	496552.19	21.83	21.93	0.09		Area 1 Profile 2 - Low Grass	27166
BOT	2049913.90	496556.80	19.86	20.19	0.33		Area 1 Profile 2 - Low Grass	27166
TB	2049922.17	496559.73	20.39	20.54	0.15		Area 1 Profile 2 - Low Grass	27166
0	2049966.92	496574.39	21.57	21.70	0.13		Area 1 Profile 2 - Low Grass	27166
50	2050014.39	496590.29	21.86	22.43	0.57		Area 1 Profile 2 - Low Grass	26866
100	2050061.65	496606.28	21.95	22.26	0.31		Area 1 Profile 2 - Low Grass	26866
150	2050108.84	496622.21	22.39	22.68	0.29		Area 1 Profile 2 - Low Grass	26866
200	2050155.95	496638.14	22.45	22.72	0.27		Area 1 Profile 2 - Low Grass	26866
250	2050202.99	496654.02	22.61	22.83	0.22		Area 1 Profile 2 - Low Grass	26866
300	2050250.19	496670.10	22.70	22.97	0.28		Area 1 Profile 2 - Low Grass	26866
350	2050297.44	496685.92	22.66	22.94	0.28		Area 1 Profile 2 - Low Grass	26866

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
400	2050344.45	496701.96	22.82	23.06	0.24		Area 1 Profile 2 - Low Grass	26866
450	2050391.66	496717.81	22.89	23.12	0.23		Area 1 Profile 2 - Low Grass	26866
500	2050438.80	496733.25	23.01	23.36	0.35		Area 1 Profile 2 - Low Grass	26866
550	2050485.94	496748.96	23.12	23.34	0.22		Area 1 Profile 2 - Low Grass	26866
600	2050533.06	496764.92	23.34	23.51	0.17		Area 1 Profile 2 - Low Grass	26866
650	2050580.22	496780.69	23.36	23.55	0.19		Area 1 Profile 2 - Low Grass	26866
700	2050627.16	496796.78	23.47	23.66	0.19		Area 1 Profile 2 - Low Grass	26866
750	2050674.28	496812.68	23.61	23.73	0.12		Area 1 Profile 2 - Low Grass	26866
800	2050721.41	496828.30	23.72	23.84	0.12		Area 1 Profile 2 - Low Grass	26866
850	2050768.31	496844.23	23.94	23.95	0.02		Area 1 Profile 2 - Low Grass	26866
900	2050815.77	496860.16	23.74	24.11	0.37		Area 1 Profile 2 - Low Grass	26866
950	2050862.79	496876.12	23.88	24.16	0.28		Area 1 Profile 2 - Low Grass	26866
1000	2050909.75	496892.41	23.92	24.21	0.29		Area 1 Profile 2 - Low Grass	26866
1050	2050956.80	496908.33	24.13	24.41	0.28		Area 1 Profile 2 - Low Grass	26866
1100	2051004.01	496924.36	24.17	24.53	0.36		Area 1 Profile 2 - Low Grass	26866
1150	2051050.97	496940.49	24.18	24.57	0.39		Area 1 Profile 2 - Low Grass	26866
1200	2051098.06	496956.46	24.39	24.68	0.29		Area 1 Profile 2 - Low Grass	26866
Mar-60	2042840.79	547613.11	8.31	8.40	0.09		Area 2 Profile 4 - Low Grass	27476
0	2042857.46	547650.74	9.45	9.10	-0.35		Area 2 Profile 4 - Low Grass	27476
50	2042901.27	547627.61	9.52	9.20	-0.32		Area 2 Profile 4 - Low Grass	27476
100	2042945.24	547604.57	9.41	9.19	-0.22		Area 2 Profile 4 - Low Grass	27476
150	2042989.18	547580.83	9.46	9.13	-0.33		Area 2 Profile 4 - Low Grass	27476
200	2043033.15	547557.41	9.54	9.20	-0.34		Area 2 Profile 4 - Low Grass	27476
250	2043076.99	547533.69	9.53	9.15	-0.38		Area 2 Profile 4 - Low Grass	27476
300	2043121.06	547510.90	9.57	9.29	-0.28		Area 2 Profile 4 - Low Grass	27476
350	2043164.63	547487.27	9.70	9.41	-0.29		Area 2 Profile 4 - Low Grass	27476
400	2043208.80	547464.46	9.60	9.58	-0.02		Area 2 Profile 4 - Low Grass	27476
450	2043252.64	547441.34	9.65	9.47	-0.19		Area 2 Profile 4 - Low Grass	27476

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
500	2043296.42	547417.80	9.72	9.45	-0.27		Area 2 Profile 4 - Low Grass	27476
550	2043340.09	547394.17	9.70	9.43	-0.28		Area 2 Profile 4 - Low Grass	27476
600	2043384.00	547370.69	9.76	9.43	-0.33		Area 2 Profile 4 - Low Grass	27476
650	2043428.27	547348.03	9.85	9.56	-0.30		Area 2 Profile 4 - Low Grass	27476
700	2043472.18	547324.77	9.70	9.50	-0.20		Area 2 Profile 4 - Low Grass	27476
750	2043516.05	547301.43	9.93	9.55	-0.38		Area 2 Profile 4 - Low Grass	27476
800	2043559.68	547278.05	9.96	9.68	-0.28		Area 2 Profile 4 - Low Grass	27476
850	2043603.67	547254.73	9.88	9.62	-0.26		Area 2 Profile 4 - Low Grass	27476
900	2043648.09	547232.01	10.07	9.76	-0.31		Area 2 Profile 4 - Low Grass	27476
950	2043692.03	547208.79	10.04	9.81	-0.22		Area 2 Profile 4 - Low Grass	27476
1000	2043735.80	547184.84	9.88	9.63	-0.25		Area 2 Profile 4 - Low Grass	27476
1050	2043779.40	547160.98	9.99	9.57	-0.42		Area 2 Profile 4 - Low Grass	27476
1100	2043823.23	547137.44	9.91	9.51	-0.39		Area 2 Profile 4 - Low Grass	27476
1150	2043867.32	547114.47	9.95	9.63	-0.31		Area 2 Profile 4 - Low Grass	27476
1200	2043911.36	547091.10	10.22	9.72	-0.50		Area 2 Profile 4 - Low Grass	27476
0	1987420.12	535180.39	43.78	43.67	-0.11		Area 2 Profile 7 - Low Grass	30774
50	1987371.49	535191.14	43.21	43.39	0.17		Area 2 Profile 4 - Low Grass	30774
100	1987322.68	535202.23	42.80	43.07	0.27		Area 2 Profile 4 - Low Grass	30774
150	1987273.86	535212.97	42.96	43.01	0.05		Area 2 Profile 4 - Low Grass	30774
200	1987225.03	535223.77	42.95	43.12	0.17		Area 2 Profile 4 - Low Grass	30774
250	1987176.17	535234.38	43.08	43.21	0.13		Area 2 Profile 4 - Low Grass	30774
300	1987127.32	535245.13	43.69	43.73	0.05		Area 2 Profile 4 - Low Grass	30774
350	1987078.47	535255.79	44.40	44.38	-0.03		Area 2 Profile 4 - Low Grass	30774
400	1987029.59	535266.52	44.82	44.85	0.03		Area 2 Profile 4 - Low Grass	30774
450	1986980.87	535277.27	44.81	44.97	0.16		Area 2 Profile 4 - Low Grass	30774
500	1986932.04	535288.08	45.99	46.04	0.05		Area 2 Profile 4 - Low Grass	30774
550	1986883.27	535298.92	47.08	47.04	-0.04		Area 2 Profile 4 - Low Grass	30774
600	1986834.47	535309.73	47.82	47.83	0.01		Area 2 Profile 4 - Low Grass	30774

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
650	1986785.49	535319.98	48.26	48.30	0.03		Area 2 Profile 4 - Low Grass	30774
700	1986736.70	535330.68	48.92	48.76	-0.17		Area 2 Profile 4 - Low Grass	30774
750	1986687.96	535341.31	49.69	49.36	-0.33		Area 2 Profile 4 - Low Grass	30774
800	1986639.19	535351.78	47.93	47.69	-0.24		Area 2 Profile 4 - Low Grass	30774
850	1986590.29	535362.40	47.14	46.99	-0.14		Area 2 Profile 4 - Low Grass	30774
900	1986541.54	535373.11	45.84	45.90	0.06		Area 2 Profile 4 - Low Grass	30774
950	1986492.63	535383.66	45.73	45.60	-0.14		Area 2 Profile 4 - Low Grass y	30774
1000	1986443.76	535394.34	45.38	45.43	0.04		Area 2 Profile 4 - Low Grass	30774
1050	1986394.86	535404.83	45.97	45.91	-0.06		Area 2 Profile 4 - Low Grass	30774
1100	1986346.16	535415.40	47.54	47.49	-0.04		Area 2 Profile 4 - Low Grass	30774
1150	1986297.25	535425.74	47.98	47.75	-0.23		Area 2 Profile 4 - Low Grass	30774
1200	1986248.38	535436.38	46.50	46.43	-0.06		Area 2 Profile 4 - Low Grass	30774
0	1988295.82	484274.99	5.78	5.90	0.12		Area 3 Profile 4 - Low Grass	30763
50	1988342.26	484255.22	5.54	5.99	0.45		Area 3 Profile 4 - Low Grass	30763
100	1988388.37	484235.37	6.41	6.68	0.28		Area 3 Profile 4 - Low Grass	30763
150	1988434.20	484215.16	6.57	6.89	0.33		Area 3 Profile 4 - Low Grass	30763
200	1988479.62	484195.74	6.66	6.61	-0.06		Area 3 Profile 4 - Low Grass	30763
250	1988525.55	484175.80	6.90	7.20	0.30		Area 3 Profile 4 - Low Grass	30763
300	1988570.90	484155.52	7.32	7.77	0.45		Area 3 Profile 4 - Low Grass	30763
350	1988616.18	484135.20	8.19	8.32	0.13		Area 3 Profile 4 - Low Grass	30763
400	1988662.26	484115.62	7.89	8.41	0.52		Area 3 Profile 4 - Low Grass	30763
450	1988707.73	484096.00	8.38	8.38	0.00		Area 3 Profile 4 - Low Grass	30763
500	1988753.26	484076.21	8.55	9.00	0.46		Area 3 Profile 4 - Low Grass	30763
550	1988798.89	484056.22	8.83	9.30	0.46		Area 3 Profile 4 - Low Grass	30763
600	1988844.61	484036.37	8.99	9.40	0.41		Area 3 Profile 4 - Low Grass	30763
650	1988890.09	484016.00	9.28	9.67	0.39		Area 3 Profile 4 - Low Grass	30763
700	1988935.75	483995.89	9.34	9.91	0.57		Area 3 Profile 4 - Low Grass	30763
750	1988981.18	483975.61	10.92	10.69	-0.22		Area 3 Profile 4 - Low Grass	30763

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
800	1989026.65	483955.68	10.50	10.70	0.20		Area 3 Profile 4 - Low Grass	30763
850	1989072.06	483935.77	10.62	10.71	0.09		Area 3 Profile 4 - Low Grass	30763
900	1989087.05	483983.30	10.49	10.56	0.08		Area 3 Profile 4 - Low Grass	30763
950	1989103.39	484029.90	9.81	10.19	0.38		Area 3 Profile 4 - Low Grass	30763
1000	1989119.86	484076.18	9.14	9.55	0.41		Area 3 Profile 4 - Low Grass	30763
1050	1989136.31	484122.53	8.57	9.39	0.83		Area 3 Profile 4 - Low Grass	30763
1100	1989153.27	484169.22	9.27	9.79	0.52		Area 3 Profile 4 - Low Grass	30763
1150	1989169.07	484215.30	8.78	9.77	0.99		Area 3 Profile 4 - Low Grass	30763
1200	1989185.77	484261.30	9.69	10.14	0.44		Area 3 Profile 4 - Low Grass	30763
0	2130597.67	525077.62	9.23	9.37	0.15		Area 4 Profile 4 - Low Grass	22072
50	2130596.18	525027.70	9.49	9.66	0.17		Area 4 Profile 4 - Low Grass	22072
100	2130594.67	524978.51	10.38	10.07	-0.31		Area 4 Profile 4 - Low Grass	22071
150	2130593.98	524929.36	10.19	9.93	-0.26		Area 4 Profile 4 - Low Grass	22071
200	2130592.60	524879.26	9.62	10.01	0.39		Area 4 Profile 4 - Low Grass	22071
250	2130592.97	524829.50	10.11	10.19	0.07		Area 4 Profile 4 - Low Grass	22071
300	2130592.12	524779.64	10.80	10.80	0.00		Area 4 Profile 4 - Low Grass	22071
350	2130591.30	524729.91	11.75	11.75	0.00		Area 4 Profile 4 - Low Grass	22071
400	2130590.50	524679.50	11.25	11.32	0.07		Area 4 Profile 4 - Low Grass	22071
450	2130588.32	524630.48	11.39	11.60	0.21		Area 4 Profile 4 - Low Grass	22071
500	2130587.96	524579.96	12.48	12.67	0.19		Area 4 Profile 4 - Low Grass	22071
550	2130586.80	524533.63	12.02	12.44	0.42		Area 4 Profile 4 - Low Grass	22071
600	2130585.82	524484.06	12.22	12.05	-0.17		Area 4 Profile 4 - Low Grass	22071
650	2130589.80	524428.89	12.15	12.01	-0.15		Area 4 Profile 4 - Low Grass	22071
700	2130586.43	524379.22	12.50	12.44	-0.06		Area 4 Profile 4 - Low Grass	22071
750	2130585.50	524329.46	12.56	12.80	0.24		Area 4 Profile 4 - Low Grass	22071
800	2130582.57	524282.55	13.12	13.36	0.24		Area 4 Profile 4 - Low Grass	22071
850	2130587.63	524232.01	14.27	13.84	-0.43		Area 4 Profile 4 - Low Grass	22071
900	2130587.15	524181.34	14.31	14.16	-0.15		Area 4 Profile 4 - Low Grass	22071

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
950	2130587.14	524132.78	14.73	14.58	-0.15		Area 4 Profile 4 - Low Grass	22071
1000	2130584.83	524084.29	15.77	15.17	-0.60		Area 4 Profile 4 - Low Grass	22071
1050	2130584.16	524033.25	15.21	15.03	-0.18		Area 4 Profile 4 - Low Grass	22071
1100	2130583.22	523979.49	15.18	14.88	-0.29		Area 4 Profile 4 - Low Grass	22071
1150	2130581.32	523933.52	15.39	15.24	-0.15		Area 4 Profile 4 - Low Grass	22071
1200	2130580.28	523875.32	15.31	14.93	-0.38		Area 4 Profile 4 - Low Grass	22071
0	2130447.06	540372.16	8.92	8.66	-0.27		Area 4 Profile 5 - Low Grass	22075
50	2130495.40	540360.85	9.09	8.92	-0.16		Area 4 Profile 5 - Low Grass	22075
100	2130543.88	540349.90	9.26	8.91	-0.35		Area 4 Profile 5 - Low Grass	22075
150	2130592.77	540339.14	9.22	8.90	-0.32		Area 4 Profile 5 - Low Grass	22075
200	2130641.39	540328.41	9.15	8.85	-0.31		Area 4 Profile 5 - Low Grass	22075
250	2130690.63	540317.62	9.15	8.79	-0.36		Area 4 Profile 5 - Low Grass	22075
300	2130740.23	540307.19	8.99	8.66	-0.34		Area 4 Profile 5 - Low Grass	22075
350	2130789.45	540296.82	8.86	8.44	-0.42		Area 4 Profile 5 - Low Grass	22075
400	2130838.45	540286.42	8.90	8.63	-0.27		Area 4 Profile 5 - Low Grass	22075
450	2130887.46	540275.92	8.80	8.47	-0.32		Area 4 Profile 5 - Low Grass	22075
500	2130936.40	540265.41	8.74	8.49	-0.25		Area 4 Profile 5 - Low Grass	22075
550	2130985.74	540254.80	8.74	8.38	-0.36		Area 4 Profile 5 - Low Grass	22075
600	2131035.03	540244.26	8.71	8.58	-0.14		Area 4 Profile 5 - Low Grass	22075
650	2131084.21	540233.73	8.75	8.51	-0.24		Area 4 Profile 5 - Low Grass	22075
700	2131133.59	540223.01	8.89	8.63	-0.26		Area 4 Profile 5 - Low Grass	22075
750	2131182.63	540212.48	8.99	8.82	-0.17		Area 4 Profile 5 - Low Grass	22075
800	2131231.77	540201.98	8.99	8.79	-0.20		Area 4 Profile 5 - Low Grass	22075
850	2131280.93	540191.24	9.02	8.96	-0.06		Area 4 Profile 5 - Low Grass	22075
900	2131330.12	540180.92	9.05	9.01	-0.04		Area 4 Profile 5 - Low Grass	22075
950	2131379.99	540172.72	9.05	8.71	-0.33		Area 4 Profile 5 - Low Grass	22075
1000	2131430.65	540166.94	9.13	8.98	-0.15		Area 4 Profile 5 - Low Grass	22075
1050	2131480.77	540163.41	9.13	8.95	-0.19		Area 4 Profile 5 - Low Grass	22075

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
1100	2131531.52	540162.09	9.05	9.07	0.02		Area 4 Profile 5 - Low Grass	22075
1150	2131582.18	540164.04	9.04	9.05	0.01		Area 4 Profile 5 - Low Grass	22075
1200	2131633.04	540168.68	9.05	8.93	-0.13		Area 4 Profile 5 - Low Grass	22075
0	2148387.31	518796.51	21.04	20.74	-0.30		Area 4 Profile 7 - Low Grass	20870
50	2148338.57	518812.26	21.20	20.77	-0.43		Area 4 Profile 7 - Low Grass	20870
100	2148291.38	518826.72	19.52	19.20	-0.31		Area 4 Profile 7 - Low Grass	20870
150	2148243.45	518841.96	19.05	18.63	-0.42		Area 4 Profile 7 - Low Grass	20870
200	2148195.03	518855.61	16.52	16.29	-0.23		Area 4 Profile 7 - Low Grass	20870
250TA	2148146.35	518870.67	14.18	13.99	-0.20		Area 4 Profile 7 - Low Grass	20870
300TA	2148097.74	518885.84	14.16	13.90	-0.26		Area 4 Profile 7 - Low Grass	20870
350	2148049.34	518901.65	13.87	13.63	-0.24		Area 4 Profile 7 - Low Grass	20870
400	2148001.25	518917.44	13.42	13.13	-0.29		Area 4 Profile 7 - Low Grass	20870
450	2147953.35	518932.43	12.77	12.51	-0.27		Area 4 Profile 7 - Low Grass	20870
500	2147905.71	518947.89	12.80	12.56	-0.23		Area 4 Profile 7 - Low Grass	20870
550	2147858.06	518963.86	11.79	11.54	-0.25		Area 4 Profile 7 - Low Grass	20870
600	2147810.83	518979.81	13.34	13.01	-0.33		Area 4 Profile 7 - Low Grass	20870
650TA	2147762.82	518994.82	12.93	12.56	-0.37		Area 4 Profile 7 - Low Grass	20870
700TA	2147715.22	519011.10	11.57	11.29	-0.28		Area 4 Profile 7 - Low Grass	20870
750	2147666.35	519025.20	11.54	11.33	-0.22		Area 4 Profile 7 - Low Grass	20870
800	2147619.18	519040.53	14.08	13.83	-0.25		Area 4 Profile 7 - Low Grass	20870
850	2147579.46	519072.79	15.98	15.78	-0.20		Area 4 Profile 7 - Low Grass	20870
900	2147536.67	519100.69	13.64	13.74	0.11		Area 4 Profile 7 - Low Grass	20870
950	2147492.04	519125.68	11.91	12.50	0.59		Area 4 Profile 7 - Low Grass	20870
1000	2147454.19	519092.18	12.85	12.90	0.05		Area 4 Profile 7 - Low Grass	20870
1050	2147416.44	519058.33	12.68	12.40	-0.28		Area 4 Profile 7 - Low Grass	20870
1150TA	2147379.16	519023.74	13.84	13.44	-0.40		Area 4 Profile 7 - Low Grass	20870
1200	2147338.60	518991.18	14.80	14.67	-0.13		Area 4 Profile 7 - Low Grass	20870
0	2077157.86	483055.564	32.09	32.18	0.09		Area 5 Profile 6 - Low Grass	25363

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
50	2077110.95	483069.521	28.78	28.77	-0.01		Area 5 Profile 6 - Low Grass	25363
100	2077063.44	483083.537	26.93	26.93	0.00		Area 5 Profile 6 - Low Grass	25363
150	2077015.93	483097.598	25.16	25.26	0.10		Area 5 Profile 6 - Low Grass	25363
200	2076968.52	483111.957	23.56	23.54	-0.02		Area 5 Profile 6 - Low Grass	25363
250	2076920.55	483126.439	24.53	24.57	0.04		Area 5 Profile 6 - Low Grass	25363
300	2076872.85	483140.672	27.61	27.57	-0.03		Area 5 Profile 6 - Low Grass	25363
350	2076825.22	483154.578	26.73	26.78	0.04		Area 5 Profile 6 - Low Grass	25363
400	2076777.58	483168.534	26.20	26.12	-0.07		Area 5 Profile 6 - Low Grass	25363
450	2076729.99	483182.239	28.57	28.65	0.08		Area 5 Profile 6 - Low Grass	25363
500	2076681.56	483192.448	26.05	26.10	0.06		Area 5 Profile 6 - Low Grass	25363
550	2076632.63	483202.856	24.54	24.55	0.01		Area 5 Profile 6 - Low Grass	25363
600	2076584.30	483213.077	23.39	23.33	-0.06		Area 5 Profile 6 - Low Grass	25363
650	2076535.48	483223.351	24.34	24.30	-0.04		Area 5 Profile 6 - Low Grass	25363
700	2076486.78	483233.384	23.87	23.92	0.05		Area 5 Profile 6 - Low Grass	25363
750	2076438.51	483243.535	26.58	26.53	-0.04		Area 5 Profile 6 - Low Grass	25363
800	2076390.08	483253.540	24.20	24.29	0.09		Area 5 Profile 6 - Low Grass	25363
850	2076341.39	483263.343	23.01	23.21	0.20		Area 5 Profile 6 - Low Grass	25363
900	2076292.52	483273.113	27.06	27.08	0.02		Area 5 Profile 6 - Low Grass	25363
950	2076243.69	483283.323	27.00	27.03	0.03		Area 5 Profile 6 - Low Grass	25363
1000	2076195.23	483293.130	25.66	25.75	0.09		Area 5 Profile 6 - Low Grass	25363
1050	2076146.90	483303.307	23.67	23.83	0.15		Area 5 Profile 6 - Low Grass	25363
1100	2076098.48	483313.573	23.80	23.75	-0.04		Area 5 Profile 6 - Low Grass	25363
1150	2076049.97	483323.792	27.63	27.52	-0.12		Area 5 Profile 6 - Low Grass	25363
1200	2076001.13	483334.215	27.93	27.97	0.04		Area 5 Profile 6 - Low Grass	25363
0	2053026.91	510727.41	30.07	66.19	0.197		Area 1 Profile 4 - Urban/Hard Surface	26869
50	2053049.76	510682.37	29.34	70.51	0.047		Area 1 Profile 4 - Urban/Hard Surface	26869
100	2053072.38	510637.77	29.13	69.31	-0.061		Area 1 Profile 4 - Urban/Hard Surface	26869
150	2053094.51	510593.04	28.92	68.04	0.012		Area 1 Profile 4 - Urban/Hard Surface	26869

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
200	2053116.88	510548.19	29.00	66.19	0.065		Area 1 Profile 4 - Urban/Hard Surface	26869
250	2053139.85	510503.60	28.72	70.51	0.030		Area 1 Profile 4 - Urban/Hard Surface	26869
300	2053162.95	510458.77	28.55	69.31	0.096		Area 1 Profile 4 - Urban/Hard Surface	26869
350	2053186.07	510413.93	28.52	68.04	-0.008		Area 1 Profile 4 - Urban/Hard Surface	26869
400	2053209.13	510369.11	28.47	66.19	0.010		Area 1 Profile 4 - Urban/Hard Surface	26869
450	2053231.49	510324.34	28.46	70.51	0.190		Area 1 Profile 4 - Urban/Hard Surface	26869
500	2053254.36	510279.58	28.65	69.31	0.085		Area 1 Profile 4 - Urban/Hard Surface	26869
550	2053276.91	510234.94	28.71	68.04	0.110		Area 1 Profile 4 - Urban/Hard Surface	26869
600	2053299.76	510189.93	28.23	66.19	0.582		Area 1 Profile 4 - Urban/Hard Surface	26869
650	2053322.44	510145.43	28.57	66.19	0.166		Area 1 Profile 4 - Urban/Hard Surface	26869
700	2053345.43	510100.95	28.99	70.51	0.163		Area 1 Profile 4 - Urban/Hard Surface	26869
750	2053367.58	510056.01	29.06	69.31	0.055		Area 1 Profile 4 - Urban/Hard Surface	26869
800	2053390.04	510011.11	28.77	68.04	0.299		Area 1 Profile 4 - Urban/Hard Surface	26869
850	2053413.00	509966.04	28.62	66.19	0.326		Area 1 Profile 4 - Urban/Hard Surface	26868
900	2053435.62	509921.28	28.84	70.51	0.093		Area 1 Profile 4 - Urban/Hard Surface	26868
950	2053458.16	509876.59	28.73	69.31	0.223		Area 1 Profile 4 - Urban/Hard Surface	26868
1000	2053480.24	509831.95	28.61	68.04	0.347		Area 1 Profile 4 - Urban/Hard Surface	26868
1050	2053502.93	509787.14	28.70	66.19	0.174		Area 1 Profile 4 - Urban/Hard Surface	26868
1100	2053525.25	509742.70	28.73	70.51	0.213		Area 1 Profile 4 - Urban/Hard Surface	26868
1150	2053547.77	509697.93	28.39	69.31	0.074		Area 1 Profile 4 - Urban/Hard Surface	26868
1200	2053570.40	509652.95	28.60	68.04	0.083		Area 1 Profile 4 - Urban/Hard Surface	26868
0	2031403.21	524249.85	46.94	47.06	0.12		Area 1 Profile 6 - Urban/Hard Surface	28071
50	2031443.88	524220.16	46.84	47.02	0.18		Area 1 Profile 6 - Urban/Hard Surface	28071
100	2031483.43	524191.03	46.76	46.97	0.21		Area 1 Profile 6 - Urban/Hard Surface	28071
150	2031523.81	524161.40	46.90	47.17	0.27		Area 1 Profile 6 - Urban/Hard Surface	28071
200	2031564.07	524131.97	46.95	47.26	0.31		Area 1 Profile 6 - Urban/Hard Surface	28071
250	2031604.33	524102.42	46.97	47.22	0.25		Area 1 Profile 6 - Urban/Hard Surface	28071
300	2031644.88	524072.76	47.07	47.37	0.30		Area 1 Profile 6 - Urban/Hard Surface	28071

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
350	2031683.44	524044.50	47.21	47.33	0.12		Area 1 Profile 6 - Urban/Hard Surface	28071
400	2031724.10	524014.80	47.12	47.29	0.17		Area 1 Profile 6 - Urban/Hard Surface	28071
450	2031764.21	523985.41	47.28	47.42	0.14		Area 1 Profile 6 - Urban/Hard Surface	28071
500	2031804.83	523955.57	47.27	47.38	0.10		Area 1 Profile 6 - Urban/Hard Surface	28071
550	2031845.30	523926.06	47.29	47.40	0.11		Area 1 Profile 6 - Urban/Hard Surface	28071
600	2031886.04	523896.23	47.24	47.34	0.11		Area 1 Profile 6 - Urban/Hard Surface	28071
650	2031925.76	523866.76	47.21	47.36	0.15		Area 1 Profile 6 - Urban/Hard Surface	28071
700	2031966.26	523836.87	47.16	47.38	0.22		Area 1 Profile 6 - Urban/Hard Surface	28071
750	2032006.55	523807.39	47.11	47.32	0.21		Area 1 Profile 6 - Urban/Hard Surface	28071
800	2032046.84	523777.77	47.26	47.24	-0.02		Area 1 Profile 6 - Urban/Hard Surface	28071
850	2032087.60	523748.14	47.33	47.26	-0.07		Area 1 Profile 6 - Urban/Hard Surface	28071
900	2032127.70	523718.85	47.19	47.28	0.09		Area 1 Profile 6 - Urban/Hard Surface	28071
950	2032167.88	523689.02	47.08	47.18	0.11		Area 1 Profile 6 - Urban/Hard Surface	28071
1000	2032208.11	523659.48	47.13	47.24	0.11		Area 1 Profile 6 - Urban/Hard Surface	28071
1050	2032248.44	523629.90	47.05	47.26	0.21		Area 1 Profile 6 - Urban/Hard Surface	28071
1100	2032288.79	523600.29	47.05	47.23	0.17		Area 1 Profile 6 - Urban/Hard Surface	28071
1150	2032329.22	523570.46	47.02	47.18	0.15		Area 1 Profile 6 - Urban/Hard Surface	28071
1200	2032369.41	523541.04	47.01	47.16	0.16		Area 1 Profile 6 - Urban/Hard Surface	28071
0	2029943.82	526201.81	42.21	42.35	0.14		Area 1 Profile 7 - Urban/Hard Surface	28372
50	2029930.16	526249.22	42.38	42.51	0.13		Area 1 Profile 7 - Urban/Hard Surface	28372
100	2029916.13	526297.46	42.35	42.49	0.14		Area 1 Profile 7 - Urban/Hard Surface	28372
150	2029902.30	526345.42	42.29	42.44	0.15		Area 1 Profile 7 - Urban/Hard Surface	28372
200	2029888.38	526393.75	42.55	42.63	0.08		Area 1 Profile 7 - Urban/Hard Surface	28372
250	2029874.79	526441.18	42.83	42.91	0.08		Area 1 Profile 7 - Urban/Hard Surface	28372
300	2029861.55	526487.99	43.10	43.07	-0.03		Area 1 Profile 7 - Urban/Hard Surface	28372
350	2029848.56	526536.01	43.05	43.08	0.03		Area 1 Profile 7 - Urban/Hard Surface	28372
400	2029836.60	526584.60	43.19	43.17	-0.02		Area 1 Profile 7 - Urban/Hard Surface	28372
450	2029824.82	526632.97	43.18	43.21	0.04		Area 1 Profile 7 - Urban/Hard Surface	28372

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
500	2029813.35	526680.82	43.17	43.29	0.11		Area 1 Profile 7 - Urban/Hard Surface	28372
550	2029801.62	526729.96	42.99	43.14	0.15		Area 1 Profile 7 - Urban/Hard Surface	28372
600	2029790.16	526778.45	42.69	42.86	0.17		Area 1 Profile 7 - Urban/Hard Surface	28372
650	2029778.91	526826.01	42.47	42.59	0.12		Area 1 Profile 7 - Urban/Hard Surface	28372
700	2029767.10	526875.45	42.27	42.45	0.18		Area 1 Profile 7 - Urban/Hard Surface	28372
750	2029755.66	526923.89	42.15	42.26	0.11		Area 1 Profile 7 - Urban/Hard Surface	28372
800	2029744.03	526972.06	42.03	42.24	0.21		Area 1 Profile 7 - Urban/Hard Surface	28372
850	2029732.40	527020.33	41.83	42.11	0.29		Area 1 Profile 7 - Urban/Hard Surface	28372
900	2029721.82	527069.42	41.92	42.02	0.10		Area 1 Profile 7 - Urban/Hard Surface	28372
950	2029710.27	527117.77	41.79	42.00	0.21		Area 1 Profile 7 - Urban/Hard Surface	28372
1000	2029699.02	527166.29	41.70	41.84	0.14		Area 1 Profile 7 - Urban/Hard Surface	28372
1050	2029687.75	527215.34	41.68	41.92	0.24		Area 1 Profile 7 - Urban/Hard Surface	28372
1100	2029676.68	527263.60	41.90	41.91	0.01		Area 1 Profile 7 - Urban/Hard Surface	28372
1150	2029665.42	527312.99	41.87	41.93	0.06		Area 1 Profile 7 - Urban/Hard Surface	28372
1200	2029654.21	527361.05	41.72	41.80	0.08		Area 1 Profile 7 - Urban/Hard Surface	28372
0	1976217.03	575664.09	7.79	7.71	-0.08		Area 2 Profile 1 - Urban/Hard Surface	31382
50	1976264.24	575648.27	7.80	7.79	-0.02		Area 2 Profile 1 - Urban/Hard Surface	31382
100	1976311.42	575632.57	7.87	7.90	0.02		Area 2 Profile 1 - Urban/Hard Surface	31382
150	1976358.36	575616.34	8.10	7.95	-0.15		Area 2 Profile 1 - Urban/Hard Surface	31382
200	1976405.19	575599.53	8.18	8.14	-0.04		Area 2 Profile 1 - Urban/Hard Surface	31382
250	1976451.98	575582.51	8.26	8.32	0.06		Area 2 Profile 1 - Urban/Hard Surface	31382
300	1976498.68	575564.79	8.36	8.33	-0.04		Area 2 Profile 1 - Urban/Hard Surface	31382
350	1976545.31	575546.83	8.19	8.11	-0.08		Area 2 Profile 1 - Urban/Hard Surface	31382
400	1976591.36	575527.34	7.97	8.03	0.06		Area 2 Profile 1 - Urban/Hard Surface	31382
450	1976637.39	575507.28	8.04	8.17	0.12		Area 2 Profile 1 - Urban/Hard Surface	31382
500	1976682.96	575486.81	7.95	7.88	-0.07		Area 2 Profile 1 - Urban/Hard Surface	31382
550	1976727.80	575465.16	7.78	7.68	-0.10		Area 2 Profile 1 - Urban/Hard Surface	31382
600	1976772.36	575442.80	7.63	7.61	-0.02		Area 2 Profile 1 - Urban/Hard Surface	31382

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
650	1976816.96	575420.44	7.30	7.25	-0.04		Area 2 Profile 1 - Urban/Hard Surface	31382
700	1976861.28	575397.59	6.88	6.84	-0.05		Area 2 Profile 1 - Urban/Hard Surface	31382
750	1976905.65	575374.65	6.59	6.52	-0.07		Area 2 Profile 1 - Urban/Hard Surface	31382
800	1976950.15	575351.88	6.33	6.29	-0.04		Area 2 Profile 1 - Urban/Hard Surface	31382
850	1976994.40	575328.96	5.96	6.01	0.06		Area 2 Profile 1 - Urban/Hard Surface	31382
900	1977038.46	575305.90	5.83	5.84	0.01		Area 2 Profile 1 - Urban/Hard Surface	31382
950	1977082.87	575283.35	5.74	5.72	-0.03		Area 2 Profile 1 - Urban/Hard Surface	31382
1000	1977127.50	575261.19	5.79	5.81	0.02		Area 2 Profile 1 - Urban/Hard Surface	31382
1050	1977172.26	575239.09	5.83	5.78	-0.05		Area 2 Profile 1 - Urban/Hard Surface	31382
1100	1977217.27	575218.12	5.75	5.67	-0.08		Area 2 Profile 1 - Urban/Hard Surface	31382
1150	1977263.04	575198.53	5.59	5.51	-0.08		Area 2 Profile 1 - Urban/Hard Surface	31382
1200	1977309.33	575179.32	5.48	5.42	-0.06		Area 2 Profile 1 - Urban/Hard Surface	31382
0	1957713.44	493734.37	8.54	8.43	-0.11		Area 3 Profile 3 - Urban/Hard Surface	32565
50	1957735.47	493779.45	8.74	8.50	-0.24		Area 3 Profile 3 - Urban/Hard Surface	32565
100	1957757.30	493824.33	8.80	8.56	-0.25		Area 3 Profile 3 - Urban/Hard Surface	32565
150	1957770.86	493873.78	9.21	8.73	-0.49		Area 3 Profile 3 - Urban/Hard Surface	32565
200	1957801.44	493914.98	8.65	8.48	-0.17		Area 3 Profile 3 - Urban/Hard Surface	32565
250	1957823.11	493959.97	8.59	8.37	-0.21		Area 3 Profile 3 - Urban/Hard Surface	32565
300	1957844.82	494004.87	8.56	8.37	-0.19		Area 3 Profile 3 - Urban/Hard Surface	32565
350	1957866.63	494050.36	8.60	8.36	-0.24		Area 3 Profile 3 - Urban/Hard Surface	32565
400	1957887.95	494095.18	8.37	8.34	-0.04		Area 3 Profile 3 - Urban/Hard Surface	32565
450	1957909.74	494140.58	8.35	8.26	-0.09		Area 3 Profile 3 - Urban/Hard Surface	32565
500	1957931.13	494185.12	8.29	8.24	-0.05		Area 3 Profile 3 - Urban/Hard Surface	32565
550	1957953.10	494230.82	8.44	8.27	-0.17		Area 3 Profile 3 - Urban/Hard Surface	32565
600	1957974.40	494275.33	8.46	8.23	-0.23		Area 3 Profile 3 - Urban/Hard Surface	32565
650	1957996.74	494343.90	8.46	8.43	-0.03		Area 3 Profile 3 - Urban/Hard Surface	32565
700	1958017.14	494365.54	8.45	8.27	-0.18		Area 3 Profile 3 - Urban/Hard Surface	32565
750	1958038.80	494410.17	8.03	8.14	0.11		Area 3 Profile 3 - Urban/Hard Surface	32565

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
800	1958060.63	494455.33	8.21	8.09	-0.11		Area 3 Profile 3 - Urban/Hard Surface	32565
850	1958082.47	494500.58	8.07	7.99	-0.09		Area 3 Profile 3 - Urban/Hard Surface	32565
900	1958104.27	494545.79	7.96	8.03	0.07		Area 3 Profile 3 - Urban/Hard Surface	32565
950	1958125.88	494590.43	7.89	8.03	0.14		Area 3 Profile 3 - Urban/Hard Surface	32565
1000	1958147.84	494635.45	7.83	7.87	0.05		Area 3 Profile 3 - Urban/Hard Surface	32565
1050	1958169.68	494680.26	8.09	7.75	-0.34		Area 3 Profile 3 - Urban/Hard Surface	32565
1100	1958191.35	494725.56	8.26	7.86	-0.40		Area 3 Profile 3 - Urban/Hard Surface	32565
1150	1958212.22	494770.31	8.34	7.86	-0.48		Area 3 Profile 3 - Urban/Hard Surface	32565
1200	1958233.49	494815.54	8.17	8.03	-0.14		Area 3 Profile 3 - Urban/Hard Surface	32565
0	2099849.03	547423.85	16.15	16.00	-0.16		Area 4 Profile 1 - Urban/Hard Surface	24176
50	2099801.41	547434.17	15.93	15.83	-0.11		Area 4 Profile 1 - Urban/Hard Surface	24176
100	2099753.85	547444.44	15.58	15.48	-0.10		Area 4 Profile 1 - Urban/Hard Surface	24176
150	2099706.29	547454.63	15.20	15.14	-0.06		Area 4 Profile 1 - Urban/Hard Surface	24176
200	2099658.57	547464.95	14.86	14.79	-0.07		Area 4 Profile 1 - Urban/Hard Surface	24176
250	2099610.83	547474.97	14.44	14.59	0.15		Area 4 Profile 1 - Urban/Hard Surface	24176
300	2099563.10	547485.26	14.04	13.97	-0.08		Area 4 Profile 1 - Urban/Hard Surface	24176
350	2099515.45	547495.55	13.80	13.64	-0.16		Area 4 Profile 1 - Urban/Hard Surface	24176
400	2099468.00	547505.88	13.57	13.34	-0.23		Area 4 Profile 1 - Urban/Hard Surface	24176
450	2099420.30	547516.02	13.12	12.94	-0.18		Area 4 Profile 1 - Urban/Hard Surface	24176
500	2099372.63	547526.19	12.83	12.60	-0.23		Area 4 Profile 1 - Urban/Hard Surface	24176
550	2099324.85	547536.27	12.43	12.22	-0.21		Area 4 Profile 1 - Urban/Hard Surface	24176
600	2099277.25	547546.64	12.16	11.92	-0.24		Area 4 Profile 1 - Urban/Hard Surface	24176
650	2099229.47	547556.93	11.90	11.58	-0.32		Area 4 Profile 1 - Urban/Hard Surface	24176
700	2099181.67	547567.18	11.54	11.28	-0.27		Area 4 Profile 1 - Urban/Hard Surface	24176
750	2099133.88	547577.38	11.03	12.06	1.02		Area 4 Profile 1 - Urban/Hard Surface	24176
800	2099086.11	547587.46	10.82	10.53	-0.28		Area 4 Profile 1 - Urban/Hard Surface	24176
850	2099038.27	547597.54	10.55	10.22	-0.34		Area 4 Profile 1 - Urban/Hard Surface	24176
900	2098990.72	547607.82	10.19	9.85	-0.34		Area 4 Profile 1 - Urban/Hard Surface	24176

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
950	2098942.94	547618.11	9.84	9.58	-0.26		Area 4 Profile 1 - Urban/Hard Surface	24176
1000	2098895.30	547628.34	9.41	9.25	-0.16		Area 4 Profile 1 - Urban/Hard Surface	24176
1050	2098847.57	547638.61	9.08	8.74	-0.34		Area 4 Profile 1 - Urban/Hard Surface	24176
1100	2098799.81	547648.70	8.78	8.56	-0.22		Area 4 Profile 1 - Urban/Hard Surface	24176
1150	2098752.21	547658.99	8.57	8.26	-0.31		Area 4 Profile 1 - Urban/Hard Surface	24176
1200	2098704.42	547668.95	8.33	8.12	-0.21		Area 4 Profile 1 - Urban/Hard Surface	24176
0	2150752.41	535862.66	10.81	10.74	-0.07		Area 4 Profile 6 - Urban/Hard Surface	22075
50	2150702.53	535866.14	9.15	9.08	-0.06		Area 4 Profile 6 - Urban/Hard Surface	22075
100	2150652.48	535869.74	9.27	9.19	-0.08		Area 4 Profile 6 - Urban/Hard Surface	22075
150	2150602.72	535873.49	8.19	8.19	0.00		Area 4 Profile 6 - Urban/Hard Surface	22075
200	2150552.66	535877.24	10.73	10.57	-0.16		Area 4 Profile 6 - Urban/Hard Surface	22075
250	2150502.96	535880.30	12.47	12.30	-0.16		Area 4 Profile 6 - Urban/Hard Surface	22075
300	2150453.10	535884.19	10.08	10.08	0.00		Area 4 Profile 6 - Urban/Hard Surface	22075
350	2150403.30	535887.40	8.72	8.67	-0.05		Area 4 Profile 6 - Urban/Hard Surface	22075
400	2150353.43	535891.29	9.63	9.56	-0.07		Area 4 Profile 6 - Urban/Hard Surface	22075
450	2150303.61	535895.01	10.08	10.07	-0.01		Area 4 Profile 6 - Urban/Hard Surface	22075
500	2150253.87	535898.75	9.00	8.82	-0.18		Area 4 Profile 6 - Urban/Hard Surface	22075
550	2150204.09	535902.78	9.42	9.37	-0.05		Area 4 Profile 6 - Urban/Hard Surface	22075
600	2150154.21	535906.18	10.97	10.84	-0.13		Area 4 Profile 6 - Urban/Hard Surface	22075
650	2150104.51	535910.13	9.46	9.40	-0.06		Area 4 Profile 6 - Urban/Hard Surface	22075
700	2150054.72	535913.46	8.21	8.08	-0.14		Area 4 Profile 6 - Urban/Hard Surface	22075
750	2150004.98	535916.71	11.81	11.70	-0.11		Area 4 Profile 6 - Urban/Hard Surface	22075
800	2149955.19	535920.28	12.37	12.30	-0.06		Area 4 Profile 6 - Urban/Hard Surface	22075
850	2149905.37	535923.49	12.88	12.77	-0.11		Area 4 Profile 6 - Urban/Hard Surface	22075
900	2149855.70	535928.07	14.91	14.46	-0.45		Area 4 Profile 6 - Urban/Hard Surface	22075
950	2149806.02	535932.48	17.76	17.60	-0.16		Area 4 Profile 6 - Urban/Hard Surface	22075
1000	2149756.44	535937.00	20.71	20.52	-0.20		Area 4 Profile 6 - Urban/Hard Surface	22075
1050	2149706.71	535941.61	20.76	20.47	-0.29		Area 4 Profile 6 - Urban/Hard Surface	22075

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
1100	2149658.03	535948.32	13.46	13.30	-0.16		Area 4 Profile 6 - Urban/Hard Surface	22075
1150	2149608.85	535955.83	9.33	9.25	-0.08		Area 4 Profile 6 - Urban/Hard Surface	22075
1200	2149559.49	535963.42	8.76	8.71	-0.06		Area 4 Profile 6 - Urban/Hard Surface	22075
0	2005182.89	488516.51	15.13	14.75	-0.39		Area 5 Profile 3 - Urban/Hard Surface	29564
50	2005164.13	488470.10	15.24	14.83	-0.41		Area 5 Profile 3 - Urban/Hard Surface	29564
100	2005145.33	488423.55	15.37	14.91	-0.46		Area 5 Profile 3 - Urban/Hard Surface	29564
150	2005126.53	488377.29	15.44	14.92	-0.53		Area 5 Profile 3 - Urban/Hard Surface	29564
200	2005107.69	488331.03	15.57	14.96	-0.61		Area 5 Profile 3 - Urban/Hard Surface	29564
300	2005088.80	488284.85	15.60	14.98	-0.62		Area 5 Profile 3 - Urban/Hard Surface	29564
350	2005069.99	488238.43	15.69	15.21	-0.49		Area 5 Profile 3 - Urban/Hard Surface	29564
350	2005051.20	488192.09	15.69	15.32	-0.37		Area 5 Profile 3 - Urban/Hard Surface	29564
400	2005032.36	488145.93	15.72	15.40	-0.31		Area 5 Profile 3 - Urban/Hard Surface	29564
450	2005013.49	488099.60	15.85	15.54	-0.31		Area 5 Profile 3 - Urban/Hard Surface	29564
500	2004994.67	488053.41	15.85	15.63	-0.22		Area 5 Profile 3 - Urban/Hard Surface	29564
550	2004975.72	488007.17	16.00	15.71	-0.29		Area 5 Profile 3 - Urban/Hard Surface	29564
600	2004956.74	487960.95	16.10	15.80	-0.29		Area 5 Profile 3 - Urban/Hard Surface	29564
650	2004938.12	487914.61	16.08	15.79	-0.29		Area 5 Profile 3 - Urban/Hard Surface	29564
700	2004919.36	487868.41	16.13	15.85	-0.27		Area 5 Profile 3 - Urban/Hard Surface	29564
750	2004900.31	487822.11	16.26	15.88	-0.38		Area 5 Profile 3 - Urban/Hard Surface	29564
800	2004881.47	487775.95	16.18	15.94	-0.24		Area 5 Profile 3 - Urban/Hard Surface	29564
850	2004862.74	487729.80	16.13	15.82	-0.31		Area 5 Profile 3 - Urban/Hard Surface	29564
900	2004843.86	487683.47	16.11	15.69	-0.41		Area 5 Profile 3 - Urban/Hard Surface	29564
950	2004825.16	487637.17	16.06	15.61	-0.45		Area 5 Profile 3 - Urban/Hard Surface	29564
1000	2004806.45	487590.73	16.06	15.51	-0.55		Area 5 Profile 3 - Urban/Hard Surface	29564
1050	2004787.69	487544.46	16.03	15.56	-0.48		Area 5 Profile 3 - Urban/Hard Surface	29564
1100	2004768.69	487497.96	15.95	15.50	-0.45		Area 5 Profile 3 - Urban/Hard Surface	29564
1150	2004749.71	487451.45	15.94	15.58	-0.36		Area 5 Profile 3 - Urban/Hard Surface	29564
1200	2004730.87	487405.12	15.86	15.55	-0.32		Area 5 Profile 3 - Urban/Hard Surface	29564

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
0	2085105.32	448038.62	14.51	14.19	-0.32		Area 5 Profile 8 - Urban/Hard Surface	24756
50	2085138.86	448074.84	13.99	13.77	-0.23		Area 5 Profile 8 - Urban/Hard Surface	24756
100	2085172.85	448112.07	14.06	13.54	-0.51		Area 5 Profile 8 - Urban/Hard Surface	24756
150	2085206.38	448148.49	13.92	13.58	-0.34		Area 5 Profile 8 - Urban/Hard Surface	24756
200	2085239.58	448184.53	13.97	13.59	-0.38		Area 5 Profile 8 - Urban/Hard Surface	24756
250	2085273.45	448221.60	14.31	13.81	-0.50		Area 5 Profile 8 - Urban/Hard Surface	24756
300	2085307.20	448258.21	14.28	13.84	-0.44		Area 5 Profile 8 - Urban/Hard Surface	24756
350	2085341.32	448295.24	14.32	13.94	-0.38		Area 5 Profile 8 - Urban/Hard Surface	24756
400	2085374.94	448331.75	14.21	13.87	-0.34		Area 5 Profile 8 - Urban/Hard Surface	24756
450	2085408.87	448368.56	14.35	14.19	-0.15		Area 5 Profile 8 - Urban/Hard Surface	24756
500	2085443.04	448405.47	14.71	14.29	-0.41		Area 5 Profile 8 - Urban/Hard Surface	24756
550	2085477.25	448441.74	15.00	14.57	-0.43		Area 5 Profile 8 - Urban/Hard Surface	24756
600	2085511.88	448477.77	14.96	14.52	-0.44		Area 5 Profile 8 - Urban/Hard Surface	24756
650	2085546.52	448513.62	14.93	14.59	-0.34		Area 5 Profile 8 - Urban/Hard Surface	24756
700	2085580.88	448549.40	14.99	14.61	-0.38		Area 5 Profile 8 - Urban/Hard Surface	24756
750	2085615.20	448585.78	15.29	14.89	-0.40		Area 5 Profile 8 - Urban/Hard Surface	24756
800	2085649.10	448622.34	15.53	15.19	-0.34		Area 5 Profile 8 - Urban/Hard Surface	24756
850	2085682.72	448659.12	15.87	15.22	-0.66		Area 5 Profile 8 - Urban/Hard Surface	24756
900	2085716.55	448695.95	16.23	15.67	-0.56		Area 5 Profile 8 - Urban/Hard Surface	24756
950	2085750.57	448732.95	16.60	15.98	-0.62		Area 5 Profile 8 - Urban/Hard Surface	24756
1000	2085783.96	448769.17	17.27	16.77	-0.50		Area 5 Profile 8 - Urban/Hard Surface	24756
1050	2085817.65	448805.88	17.47	17.05	-0.43		Area 5 Profile 8 - Urban/Hard Surface	24756
1100	2085850.71	448842.65	17.75	17.54	-0.21		Area 5 Profile 8 - Urban/Hard Surface	24756
1150	2085883.11	448880.31	18.35	18.00	-0.35		Area 5 Profile 8 - Urban/Hard Surface	24756
1200	2085915.49	448918.38	18.94	18.47	-0.47		Area 5 Profile 8 - Urban/Hard Surface	24756
0	2105312.36	456596.94	8.69	8.50	-0.19		Area 5 Profile 10 - Urban/Hard Surface	23558
50	2105343.62	456636.08	8.61	8.43	-0.18		Area 5 Profile 10 - Urban/Hard Surface	23558
100	2105375.11	456675.36	8.50	8.25	-0.24		Area 5 Profile 10 - Urban/Hard Surface	23558

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
150	2105406.48	456713.79	8.39	8.21	-0.18		Area 5 Profile 10 - Urban/Hard Surface	23558
200	2105437.85	456752.95	8.21	7.95	-0.26		Area 5 Profile 10 - Urban/Hard Surface	23558
250	2105469.24	456791.57	7.82	7.52	-0.29		Area 5 Profile 10 - Urban/Hard Surface	23558
300	2105501.07	456830.83	7.69	7.51	-0.18		Area 5 Profile 10 - Urban/Hard Surface	23558
350	2105531.81	456870.06	7.68	7.47	-0.21		Area 5 Profile 10 - Urban/Hard Surface	23558
400	2105563.56	456908.12	7.45	7.46	0.01		Area 5 Profile 10 - Urban/Hard Surface	23558
450	2105596.35	456947.47	7.39	7.26	-0.13		Area 5 Profile 10 - Urban/Hard Surface	23558
500	2105626.85	456986.85	7.51	7.20	-0.31		Area 5 Profile 10 - Urban/Hard Surface	23558
550	2105659.27	457025.25	7.22	7.14	-0.09		Area 5 Profile 10 - Urban/Hard Surface	23558
600	2105690.75	457064.68	7.23	7.13	-0.09		Area 5 Profile 10 - Urban/Hard Surface	23558
650	2105722.57	457102.78	7.19	6.95	-0.25		Area 5 Profile 10 - Urban/Hard Surface	23558
700	2105753.40	457142.74	7.09	6.83	-0.26		Area 5 Profile 10 - Urban/Hard Surface	23558
750	2105784.28	457181.91	7.05	6.78	-0.27		Area 5 Profile 10 - Urban/Hard Surface	23558
800	2105816.13	457220.33	7.29	6.72	-0.57		Area 5 Profile 10 - Urban/Hard Surface	23558
850	2105848.42	457258.92	7.23	6.79	-0.44		Area 5 Profile 10 - Urban/Hard Surface	23558
900	2105879.61	457298.07	6.97	6.73	-0.23		Area 5 Profile 10 - Urban/Hard Surface	23558
950	2105911.11	457336.57	6.99	6.88	-0.11		Area 5 Profile 10 - Urban/Hard Surface	23558
1000	2105942.26	457375.51	7.44	7.16	-0.28		Area 5 Profile 10 - Urban/Hard Surface	23558
1050	2105973.20	457414.90	7.01	7.23	0.23		Area 5 Profile 10 - Urban/Hard Surface	23558
1100	2106005.12	457454.45	7.18	7.18	0.01		Area 5 Profile 10 - Urban/Hard Surface	23558
1150	2106034.26	457493.76	6.99	7.21	0.22		Area 5 Profile 10 - Urban/Hard Surface	23558
1200	2106065.22	457532.90	7.23	7.40	0.18		Area 5 Profile 10 - Urban/Hard Surface	23558
0	2073796.77	552626.63	14.86	14.56	-0.30		Area 6 Profile 1 - Urban/Hard Surface	25677
50	2073845.28	552615.91	14.97	14.64	-0.34		Area 6 Profile 1 - Urban/Hard Surface	25677
100	2073893.88	552605.32	15.02	14.71	-0.31		Area 6 Profile 1 - Urban/Hard Surface	25677
150	2073942.38	552594.61	15.00	14.70	-0.30		Area 6 Profile 1 - Urban/Hard Surface	25677
200	2073990.96	552583.95	14.96	14.64	-0.31		Area 6 Profile 1 - Urban/Hard Surface	25677
250	2074039.52	552573.36	14.86	14.63	-0.23		Area 6 Profile 1 - Urban/Hard Surface	25677

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
300	2074088.04	552562.678	14.82	14.55	-0.27		Area 6 Profile 1 - Urban/Hard Surface	25677
350	2074136.80	552552.226	14.85	14.54	-0.31		Area 6 Profile 1 - Urban/Hard Surface	25677
400	2074185.33	552541.503	14.76	15.44	0.68		Area 6 Profile 1 - Urban/Hard Surface	25677
450	2074233.90	552531.025	14.76	13.27	-1.49		Area 6 Profile 1 - Urban/Hard Surface	25677
500	2074282.60	552520.417	14.86	14.55	-0.31		Area 6 Profile 1 - Urban/Hard Surface	25677
550	2074331.02	552509.699	14.84	14.56	-0.28		Area 6 Profile 1 - Urban/Hard Surface	25677
600	2074379.58	552499.107	14.68	14.33	-0.35		Area 6 Profile 1 - Urban/Hard Surface	25677
650	2074428.10	552488.315	14.59	14.22	-0.38		Area 6 Profile 1 - Urban/Hard Surface	25677
700	2074476.66	552477.769	14.58	14.31	-0.27		Area 6 Profile 1 - Urban/Hard Surface	25677
750	2074525.28	552467.263	14.53	14.21	-0.32		Area 6 Profile 1 - Urban/Hard Surface	25677
800	2074573.87	552456.563	14.46	14.27	-0.18		Area 6 Profile 1 - Urban/Hard Surface	25677
850	2074622.53	552445.890	14.51	14.27	-0.24		Area 6 Profile 1 - Urban/Hard Surface	25677
900	2074671.02	552435.300	14.50	14.23	-0.28		Area 6 Profile 1 - Urban/Hard Surface	25677
950	2074719.65	552424.715	14.63	14.33	-0.30		Area 6 Profile 1 - Urban/Hard Surface	25677
1000	2074768.19	552414.001	14.68	14.26	-0.41		Area 6 Profile 1 - Urban/Hard Surface	25677
1050	2074816.72	552403.220	14.66	14.21	-0.45		Area 6 Profile 1 - Urban/Hard Surface	25677
1100	2074865.28	552392.470	14.49	15.09	0.60		Area 6 Profile 1 - Urban/Hard Surface	25677
1150	2074913.92	552381.863	14.40	15.05	0.64		Area 6 Profile 1 - Urban/Hard Surface	25677
1200	2074962.35	552371.177	14.33	13.90	-0.44		Area 6 Profile 1 - Urban/Hard Surface	25677
0	2055749.74	556527.44	16.18	15.90	-0.28		Area 6 Profile 2 - Urban/Hard Surface	26578
50	2055701.26	556538.05	16.47	15.99	-0.47		Area 6 Profile 2 - Urban/Hard Surface	26578
100	2055659.96	556581.78	16.42	15.96	-0.46		Area 6 Profile 2 - Urban/Hard Surface	26578
150	2055611.72	556591.96	16.61	16.37	-0.23		Area 6 Profile 2 - Urban/Hard Surface	26578
200	2055563.25	556602.76	16.66	16.39	-0.26		Area 6 Profile 2 - Urban/Hard Surface	26578
250	2055514.98	556613.39	16.79	16.69	-0.10		Area 6 Profile 2 - Urban/Hard Surface	26578
300	2055466.53	556623.98	16.99	16.65	-0.35		Area 6 Profile 2 - Urban/Hard Surface	26578
350	2055418.05	556634.51	17.01	16.73	-0.29		Area 6 Profile 2 - Urban/Hard Surface	26578
400	2055369.90	556645.63	17.05	16.91	-0.14		Area 6 Profile 2 - Urban/Hard Surface	26578

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
450	2055321.67	556655.98	17.36	17.17	-0.19		Area 6 Profile 2 - Urban/Hard Surface	26578
500	2055273.23	556666.89	17.50	17.21	-0.28		Area 6 Profile 2 - Urban/Hard Surface	26578
550	2055224.85	556677.63	17.74	17.35	-0.40		Area 6 Profile 2 - Urban/Hard Surface	26578
600	2055176.34	556688.25	17.83	17.40	-0.43		Area 6 Profile 2 - Urban/Hard Surface	26578
650	2055127.94	556698.89	17.91	17.73	-0.18		Area 6 Profile 2 - Urban/Hard Surface	26578
700	2055079.68	556709.53	17.91	17.62	-0.29		Area 6 Profile 2 - Urban/Hard Surface	26578
750	2055025.32	556687.29	18.09	17.63	-0.46		Area 6 Profile 2 - Urban/Hard Surface	26578
800	2054977.09	556697.99	17.99	17.64	-0.35		Area 6 Profile 2 - Urban/Hard Surface	26878
850	2054928.90	556708.63	18.11	17.72	-0.40		Area 6 Profile 2 - Urban/Hard Surface	26878
900	2054880.65	556719.37	18.03	17.59	-0.45		Area 6 Profile 2 - Urban/Hard Surface	26878
950	2054832.36	556729.94	18.05	17.60	-0.45		Area 6 Profile 2 - Urban/Hard Surface	26878
1000	2054784.00	556740.70	18.05	17.68	-0.37		Area 6 Profile 2 - Urban/Hard Surface	26878
1050	2054735.72	556751.46	18.13	17.62	-0.52		Area 6 Profile 2 - Urban/Hard Surface	26878
1100	2054687.41	556762.07	18.00	17.56	-0.44		Area 6 Profile 2 - Urban/Hard Surface	26878
1150	2054639.11	556772.77	17.82	17.47	-0.35		Area 6 Profile 2 - Urban/Hard Surface	26878
1200	2054590.90	556783.43	17.72	17.47	-0.25		Area 6 Profile 2 - Urban/Hard Surface	26878
0	2099857.11	547422.04	16.29	16.16	-0.14		Area 6 Profile 3 - Urban/Hard Surface	23876
50	2099905.58	547411.78	16.45	16.28	-0.17		Area 6 Profile 3 - Urban/Hard Surface	23876
100	2099954.41	547401.37	16.79	16.56	-0.24		Area 6 Profile 3 - Urban/Hard Surface	23876
150	2100003.20	547390.71	17.30	17.09	-0.21		Area 6 Profile 3 - Urban/Hard Surface	23876
200	2100052.13	547380.39	17.66	17.33	-0.33		Area 6 Profile 3 - Urban/Hard Surface	23876
250	2100100.94	547369.95	17.89	16.96	-0.93		Area 6 Profile 3 - Urban/Hard Surface	23876
300	2100149.80	547359.63	18.25	18.09	-0.16		Area 6 Profile 3 - Urban/Hard Surface	23876
350	2100198.74	547349.42	18.70	18.47	-0.23		Area 6 Profile 3 - Urban/Hard Surface	23876
400	2100247.39	547338.79	18.98	18.52	-0.46		Area 6 Profile 3 - Urban/Hard Surface	23876
450	2100296.13	547328.29	19.02	18.60	-0.42		Area 6 Profile 3 - Urban/Hard Surface	23876
500	2100344.79	547317.74	19.25	19.00	-0.25		Area 6 Profile 3 - Urban/Hard Surface	23876
550	2100393.33	547307.12	19.52	19.22	-0.31		Area 6 Profile 3 - Urban/Hard Surface	23876

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
600	2100442.05	547296.56	19.59	19.17	-0.42		Area 6 Profile 3 - Urban/Hard Surface	23876
650	2100490.63	547285.95	19.79	19.55	-0.24		Area 6 Profile 3 - Urban/Hard Surface	23876
700	2100539.41	547275.34	19.82	19.49	-0.34		Area 6 Profile 3 - Urban/Hard Surface	23876
750	2100588.11	547264.76	19.87	19.64	-0.23		Area 6 Profile 3 - Urban/Hard Surface	23876
800	2100636.79	547253.95	19.82	19.55	-0.27		Area 6 Profile 3 - Urban/Hard Surface	23876
850	2100685.69	547243.25	19.79	19.50	-0.28		Area 6 Profile 3 - Urban/Hard Surface	23876
900	2100734.32	547232.59	19.72	19.60	-0.12		Area 6 Profile 3 - Urban/Hard Surface	23876
950	2100782.95	547221.81	19.87	19.51	-0.36		Area 6 Profile 3 - Urban/Hard Surface	23876
1000	2100831.67	547211.06	19.73	19.52	-0.22		Area 6 Profile 3 - Urban/Hard Surface	23876
1050	2100880.42	547200.26	19.58	19.31	-0.27		Area 6 Profile 3 - Urban/Hard Surface	23876
1100	2100929.06	547189.47	19.53	19.19	-0.34		Area 6 Profile 3 - Urban/Hard Surface	23876
1150	2100978.00	547178.89	19.51	19.18	-0.34		Area 6 Profile 3 - Urban/Hard Surface	23876
1200	2101026.72	547168.34	19.45	19.12	-0.33		Area 6 Profile 3 - Urban/Hard Surface	23876
0	1954433.02	583397.12	14.05	14.24	0.19		Area 7 Profile 4 - Urban/Hard Surface	32883
50	1954481.90	583386.32	12.86	13.06	0.20		Area 7 Profile 4 - Urban/Hard Surface	32883
100	1954530.63	583374.40	11.76	11.94	0.18		Area 7 Profile 4 - Urban/Hard Surface	32883
150	1954579.26	583362.71	11.04	11.18	0.14		Area 7 Profile 4 - Urban/Hard Surface	32883
200	1954627.78	583350.90	10.38	10.59	0.20		Area 7 Profile 4 - Urban/Hard Surface	32883
250	1954676.56	583338.96	9.85	10.05	0.20		Area 7 Profile 4 - Urban/Hard Surface	32883
300	1954724.67	583327.21	9.50	9.69	0.18		Area 7 Profile 4 - Urban/Hard Surface	32883
350	1954773.45	583315.23	9.45	9.63	0.18		Area 7 Profile 4 - Urban/Hard Surface	32883
400	1954822.27	583303.57	9.39	9.52	0.13		Area 7 Profile 4 - Urban/Hard Surface	32883
450	1954870.81	583291.56	9.65	9.67	0.01		Area 7 Profile 4 - Urban/Hard Surface	32883
500	1954918.96	583279.29	9.70	9.83	0.13		Area 7 Profile 4 - Urban/Hard Surface	32883
550	1954967.55	583266.14	9.79	9.89	0.11		Area 7 Profile 4 - Urban/Hard Surface	32883
600	1955015.20	583252.28	9.80	9.88	0.07		Area 7 Profile 4 - Urban/Hard Surface	32883
650	1955063.53	583238.40	9.67	9.76	0.09		Area 7 Profile 4 - Urban/Hard Surface	32883
700	1955111.08	583223.84	9.59	9.63	0.04		Area 7 Profile 4 - Urban/Hard Surface	32883

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
750	1955158.90	583208.46	9.47	9.65	0.18		Area 7 Profile 4 - Urban/Hard Surface	32883
800	1955206.14	583192.31	9.46	9.56	0.10		Area 7 Profile 4 - Urban/Hard Surface	32883
850	1955254.11	583176.61	9.69	9.78	0.08		Area 7 Profile 4 - Urban/Hard Surface	32883
900	1955300.82	583160.73	9.76	9.78	0.02		Area 7 Profile 4 - Urban/Hard Surface	32883
950	1955348.21	583144.68	9.70	9.71	0.00		Area 7 Profile 4 - Urban/Hard Surface	32883
1000	1955394.38	583125.15	9.54	9.58	0.05		Area 7 Profile 4 - Urban/Hard Surface	32883
1050	1955439.65	583103.90	9.61	9.59	-0.01		Area 7 Profile 4 - Urban/Hard Surface	32883
1100	1955485.25	583083.83	9.54	9.54	0.00		Area 7 Profile 4 - Urban/Hard Surface	32883
1150	1955531.00	583063.62	9.46	9.30	-0.16		Area 7 Profile 4 - Urban/Hard Surface	32883
1200	1955576.80	583042.96	9.31	9.31	0.00		Area 7 Profile 4 - Urban/Hard Surface	32883
BCG	2053160.10	510799.65	31.86	31.65		-0.21	Area 1 Profile 5 - Medium Grass	26869
EP	2053159.41	510798.01	31.48	31.62		0.14	Area 1 Profile 5 - Medium Grass	26869
CLR	2053151.09	510784.26	32.07	31.82		-0.25	Area 1 Profile 5 - Medium Grass	26869
EP	2053144.27	510774.23	32.29	32.41		0.12	Area 1 Profile 5 - Medium Grass	26869
BCG	2053143.62	510772.87	32.77	32.55		-0.22	Area 1 Profile 5 - Medium Grass	26869
BCG	2053134.97	510754.61	32.72	32.45		-0.28	Area 1 Profile 5 - Medium Grass	26869
EP	2053134.31	510753.35	32.13	32.34		0.20	Area 1 Profile 5 - Medium Grass	26869
CLR	2053129.51	510742.12	31.79	31.68		-0.12	Area 1 Profile 5 - Medium Grass	26869
EP	2053122.36	510728.00	31.56	31.51		-0.06	Area 1 Profile 5 - Medium Grass	26869
BCG	2053121.56	510726.65	32.12	31.52		-0.60	Area 1 Profile 5 - Medium Grass	26869
0	2053991.33	509338.10	31.65	31.33		-0.32	Area 1 Profile 5 - Medium Grass	26869
50	2054005.42	509385.90	31.45	31.35		-0.10	Area 1 Profile 5 - Medium Grass	26869
100	2054019.49	509434.08	31.49	31.14		-0.35	Area 1 Profile 5 - Medium Grass	26869
150	2054033.68	509481.99	31.13	30.80		-0.33	Area 1 Profile 5 - Medium Grass	26869
200	2054047.41	509529.99	31.14	31.33		0.19	Area 1 Profile 5 - Medium Grass	26869
250	2054061.48	509577.91	31.61	31.72		0.11	Area 1 Profile 5 - Medium Grass	26869
300	2054075.54	509625.89	31.98	32.36		0.38	Area 1 Profile 5 - Medium Grass	26869
350	2054089.80	509673.93	32.57	32.85		0.28	Area 1 Profile 5 - Medium Grass	26869

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
400	2054102.82	509722.15	33.04	33.32		0.27	Area 1 Profile 5 - Medium Grass	26869
450	2054112.87	509771.16	33.05	33.41		0.36	Area 1 Profile 5 - Medium Grass	26869
500	2054119.19	509820.74	33.01	33.24		0.23	Area 1 Profile 5 - Medium Grass	26869
550	2054121.43	509870.72	32.66	33.05		0.39	Area 1 Profile 5 - Medium Grass	26869
600	2054120.18	509920.68	32.49	32.90		0.41	Area 1 Profile 5 - Medium Grass	26869
650	2054115.17	509970.44	32.57	32.99		0.42	Area 1 Profile 5 - Medium Grass	26869
700	2054106.34	510019.60	32.97	33.33		0.36	Area 1 Profile 5 - Medium Grass	26869
750	2054093.69	510067.95	33.21	33.40		0.19	Area 1 Profile 5 - Medium Grass	26869
800	2054077.73	510115.35	33.67	33.66		-0.02	Area 1 Profile 5 - Medium Grass	26869
850	2054058.34	510161.49	33.58	33.60		0.02	Area 1 Profile 5 - Medium Grass	26869
900	2054035.34	510206.01	33.39	33.51		0.13	Area 1 Profile 5 - Medium Grass	26869
950	2054008.91	510248.52	33.50	33.38		-0.12	Area 1 Profile 5 - Medium Grass	26869
1000	2053979.23	510288.93	33.46	33.32		-0.14	Area 1 Profile 5 - Medium Grass	26869
1050	2053946.96	510326.92	33.31	33.28		-0.02	Area 1 Profile 5 - Medium Grass	26869
1100	2053911.67	510362.51	33.24	33.32		0.07	Area 1 Profile 5 - Medium Grass	26869
1150	2053873.84	510395.32	33.22	33.46		0.25	Area 1 Profile 5 - Medium Grass	26869
1200	2053833.88	510425.11	33.66	33.60		-0.06	Area 1 Profile 5 - Medium Grass	26869
0	1971403.18	556067.24	26.72	27.25		0.53	Area 2 Profile 2 - Medium Grass	31678
50	1971353.33	556069.42	26.53	26.76		0.24	Area 2 Profile 2 - Medium Grass	31678
100	1971303.82	556071.59	26.81	26.87		0.05	Area 2 Profile 2 - Medium Grass	31678
150	1971254.13	556073.93	26.52	26.87		0.35	Area 2 Profile 2 - Medium Grass	31678
200	1971204.43	556076.27	26.78	26.85		0.07	Area 2 Profile 2 - Medium Grass	31678
250	1971154.83	556078.41	26.98	27.07		0.09	Area 2 Profile 2 - Medium Grass	31678
300	1971105.11	556080.56	26.23	26.56		0.32	Area 2 Profile 2 - Medium Grass	31678
350	1971055.55	556081.92	26.33	26.49		0.16	Area 2 Profile 2 - Medium Grass	31678
400	1971006.22	556084.21	25.46	25.57		0.11	Area 2 Profile 2 - Medium Grass	31678
450	1970957.13	556087.45	25.48	25.87		0.39	Area 2 Profile 2 - Medium Grass	31678
500	1970907.60	556090.99	25.60	26.00		0.40	Area 2 Profile 2 - Medium Grass	31678

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
550	1970858.30	556093.20	26.63	26.86		0.23	Area 2 Profile 2 - Medium Grass	31678
600	1970808.63	556095.08	26.96	27.09		0.13	Area 2 Profile 2 - Medium Grass	31678
650	1970759.02	556097.09	26.66	26.74		0.08	Area 2 Profile 2 - Medium Grass	31678
700	1970709.65	556099.54	26.44	26.53		0.09	Area 2 Profile 2 - Medium Grass	31678
750	1970659.82	556101.57	26.73	27.11		0.38	Area 2 Profile 2 - Medium Grass	31678
800	1970610.13	556103.95	26.61	26.75		0.14	Area 2 Profile 2 - Medium Grass	31678
850	1970560.41	556105.97	26.71	26.95		0.24	Area 2 Profile 2 - Medium Grass	31678
900	1970510.80	556108.32	26.37	26.56		0.20	Area 2 Profile 2 - Medium Grass	31678
950	1970461.15	556110.33	26.48	26.75		0.28	Area 2 Profile 2 - Medium Grass	31678
1000	1970411.15	556112.61	26.54	26.68		0.13	Area 2 Profile 2 - Medium Grass	31678
1050	1970361.30	556114.67	26.67	26.95		0.28	Area 2 Profile 2 - Medium Grass	31678
1100	1970311.65	556116.39	26.56	26.89		0.34	Area 2 Profile 2 - Medium Grass	31678
1150	1970261.64	556118.12	25.43	25.67		0.24	Area 2 Profile 2 - Medium Grass	31678
1200	1970261.18	556068.56	25.46	25.58		0.12	Area 2 Profile 2 - Medium Grass	31678
0	2008383.86	547400.16	33.34	33.66		0.33	Area 2 Profile 6 - Medium Grass	29576
50	2008391.28	547449.47	33.16	33.63		0.47	Area 2 Profile 6 - Medium Grass	29576
100	2008396.89	547499.44	33.64	33.84		0.20	Area 2 Profile 6 - Medium Grass	29576
150	2008405.95	547548.61	33.75	33.52		-0.24	Area 2 Profile 6 - Medium Grass	29576
200	2008413.39	547598.25	34.15	33.94		-0.22	Area 2 Profile 6 - Medium Grass	29576
250	2008421.53	547647.80	34.55	34.48		-0.08	Area 2 Profile 6 - Medium Grass	29576
300	2008430.10	547697.70	34.66	34.55		-0.11	Area 2 Profile 6 - Medium Grass	29576
350	2008438.39	547747.16	35.14	35.04		-0.10	Area 2 Profile 6 - Medium Grass	29576
400	2008445.86	547796.44	35.14	35.02		-0.11	Area 2 Profile 6 - Medium Grass	29576
450	2008454.12	547846.33	34.65	34.95		0.30	Area 2 Profile 6 - Medium Grass	29576
500	2008462.82	547896.45	34.48	34.83		0.35	Area 2 Profile 6 - Medium Grass	29576
550	2008470.64	547945.35	34.15	33.87		-0.27	Area 2 Profile 6 - Medium Grass	29576
600	2008480.98	547995.16	33.64	32.02		-1.63	Area 2 Profile 6 - Medium Grass	29576
650	2008488.97	548044.75	33.51	33.93		0.42	Area 2 Profile 6 - Medium Grass	29576

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
700	2008496.84	548094.07	33.55	33.13		-0.42	Area 2 Profile 6 - Medium Grass	29576
750	2008505.69	548143.35	33.61	32.96		-0.65	Area 2 Profile 6 - Medium Grass	29576
800	2008514.76	548193.34	33.64	33.89		0.25	Area 2 Profile 6 - Medium Grass	29576
850	2008520.85	548243.14	33.29	33.40		0.11	Area 2 Profile 6 - Medium Grass	29576
900	2008529.99	548292.49	33.81	33.96		0.16	Area 2 Profile 6 - Medium Grass	29576
950	2008536.76	548342.12	33.60	33.90		0.30	Area 2 Profile 6 - Medium Grass	29576
1000	2008546.53	548391.39	33.01	33.23		0.22	Area 2 Profile 6 - Medium Grass	29576
1050	2008555.92	548441.01	32.32	32.59		0.28	Area 2 Profile 6 - Medium Grass	29576
1100	2008564.46	548489.97	32.27	32.11		-0.16	Area 2 Profile 6 - Medium Grass	29576
1150	2008571.32	548540.12	32.18	32.37		0.19	Area 2 Profile 6 - Medium Grass	29576
1200	2008580.40	548589.68	32.45	32.51		0.06	Area 2 Profile 6 - Medium Grass	29576
0	1926830.97	496693.47	24.46	24.45		-0.01	Area 3 Profile 2 - Medium Grass	34366
50	1926781.73	496699.25	24.68	24.50		-0.18	Area 3 Profile 2 - Medium Grass	34366
100	1926731.80	496704.64	24.37	24.31		-0.06	Area 3 Profile 2 - Medium Grass	34366
150	1926682.60	496712.08	24.25	23.96		-0.29	Area 3 Profile 2 - Medium Grass	34366
200	1926633.20	496719.20	24.75	24.52		-0.23	Area 3 Profile 2 - Medium Grass	34366
250	1926584.15	496727.04	24.51	24.23		-0.28	Area 3 Profile 2 - Medium Grass	34366
300	1926534.81	496732.65	24.24	24.11		-0.13	Area 3 Profile 2 - Medium Grass	34366
350	1926485.56	496738.48	23.64	23.39		-0.25	Area 3 Profile 2 - Medium Grass	34366
400	1926435.40	496745.52	23.62	23.38		-0.24	Area 3 Profile 2 - Medium Grass	34366
450	1926386.08	496750.77	23.26	23.16		-0.10	Area 3 Profile 2 - Medium Grass	34366
500	1926337.12	496757.37	23.24	23.08		-0.16	Area 3 Profile 2 - Medium Grass	34366
550	1926287.85	496762.84	23.48	23.46		-0.01	Area 3 Profile 2 - Medium Grass	34366
600	1926238.62	496768.79	23.49	23.46		-0.03	Area 3 Profile 2 - Medium Grass	34366
650	1926189.24	496775.94	23.87	23.85		-0.01	Area 3 Profile 2 - Medium Grass	34366
700	1926139.73	496782.07	24.10	24.06		-0.04	Area 3 Profile 2 - Medium Grass	34366
750	1926089.55	496789.25	24.10	24.00		-0.10	Area 3 Profile 2 - Medium Grass	34366
800	1926040.14	496796.41	23.65	23.51		-0.14	Area 3 Profile 2 - Medium Grass	34366

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
850	1925990.89	496803.26	23.54	23.31		-0.22	Area 3 Profile 2 - Medium Grass	34366
900	1925976.60	496851.21	23.69	23.64		-0.05	Area 3 Profile 2 - Medium Grass	34366
950	1925975.39	496901.43	23.71	23.48		-0.23	Area 3 Profile 2 - Medium Grass	34366
1000	1925976.16	496951.71	23.26	23.13		-0.12	Area 3 Profile 2 - Medium Grass	34366
1050	1925975.65	497001.69	23.21	23.12		-0.09	Area 3 Profile 2 - Medium Grass	34366
1100	1925975.96	497052.27	23.24	23.21		-0.03	Area 3 Profile 2 - Medium Grass	34366
1150	1925977.42	497102.75	23.40	23.39		-0.01	Area 3 Profile 2 - Medium Grass	34366
1200	1925978.72	497153.53	23.43	23.37		-0.05	Area 3 Profile 2 - Medium Grass	34366
0	2013621.17	513103.15	27.38	27.84		0.46	Area 5 Profile 2 - Medium Grass	29269
50	2013670.53	513108.30	27.45	27.97		0.52	Area 5 Profile 2 - Medium Grass	29269
100	2013720.15	513113.33	27.61	28.02		0.41	Area 5 Profile 2 - Medium Grass	29269
150	2013769.33	513120.04	27.68	27.93		0.26	Area 5 Profile 2 - Medium Grass	29269
200	2013818.94	513125.78	27.91	28.15		0.25	Area 5 Profile 2 - Medium Grass	29269
250	2013868.50	513132.23	27.71	28.18		0.46	Area 5 Profile 2 - Medium Grass	29269
300	2013917.72	513139.32	27.95	28.11		0.16	Area 5 Profile 2 - Medium Grass	29269
350	2013967.47	513145.45	27.72	27.76		0.04	Area 5 Profile 2 - Medium Grass	29269
400	2014016.53	513152.13	27.52	27.95		0.43	Area 5 Profile 2 - Medium Grass	29269
450	2014065.84	513157.99	27.74	27.99		0.25	Area 5 Profile 2 - Medium Grass	29269
500	2014115.27	513164.17	27.47	27.76		0.29	Area 5 Profile 2 - Medium Grass	29269
550	2014164.84	513170.15	27.20	28.06		0.85	Area 5 Profile 2 - Medium Grass	29269
600	2014214.07	513176.80	28.33	28.20		-0.12	Area 5 Profile 2 - Medium Grass	29269
650	2014263.61	513183.47	27.32	28.02		0.70	Area 5 Profile 2 - Medium Grass	29269
700	2014312.84	513190.01	27.45	27.96		0.51	Area 5 Profile 2 - Medium Grass	29269
750	2014362.10	513196.74	27.44	27.95		0.52	Area 5 Profile 2 - Medium Grass	29269
800	2014411.21	513204.71	27.48	28.09		0.61	Area 5 Profile 2 - Medium Grass	29269
850	2014460.69	513214.65	27.86	28.43		0.57	Area 5 Profile 2 - Medium Grass	29269
900	2014510.68	513221.60	27.49	27.93		0.45	Area 5 Profile 2 - Medium Grass	29269
950	2014560.27	513228.43	27.43	27.90		0.47	Area 5 Profile 2 - Medium Grass	29269

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
1000	2014609.73	513235.77	27.38	28.14		0.76	Area 5 Profile 2 - Medium Grass	29269
1050	2014659.00	513242.06	27.66	28.33		0.67	Area 5 Profile 2 - Medium Grass	29269
1100	2014709.01	513249.50	27.45	28.07		0.62	Area 5 Profile 2 - Medium Grass	29269
1150	2014758.94	513255.61	27.40	27.99		0.59	Area 5 Profile 2 - Medium Grass	29269
1200	2014808.73	513263.48	27.45	28.40		0.96	Area 5 Profile 2 - Medium Grass	29269
0	2081089.20	459081.78	26.33	26.54		0.21	Area 5 Profile 7 - Medium Grass	25058
50	2081095.47	459032.51	26.65	26.76		0.11	Area 5 Profile 7 - Medium Grass	25058
100	2081101.51	458983.50	27.20	27.14		-0.06	Area 5 Profile 7 - Medium Grass	25058
150	2081107.69	458934.35	27.26	27.07		-0.19	Area 5 Profile 7 - Medium Grass	25058
200	2081113.84	458884.79	25.99	26.70		0.70	Area 5 Profile 7 - Medium Grass	25058
250	2081119.97	458835.30	26.10	26.46		0.36	Area 5 Profile 7 - Medium Grass	25058
300	2081126.01	458786.78	26.95	26.73		-0.22	Area 5 Profile 7 - Medium Grass	25058
350	2081132.21	458738.71	26.32	26.55		0.23	Area 5 Profile 7 - Medium Grass	25058
400	2081137.88	458690.27	26.37	26.59		0.22	Area 5 Profile 7 - Medium Grass	25058
450	2081143.76	458642.50	26.31	26.61		0.30	Area 5 Profile 7 - Medium Grass	25058
500	2081150.24	458593.90	26.68	27.06		0.39	Area 5 Profile 7 - Medium Grass	25058
550	2081156.45	458544.73	26.72	26.44		-0.28	Area 5 Profile 7 - Medium Grass	25058
600	2081162.40	458495.14	27.12	26.36		-0.76	Area 5 Profile 7 - Medium Grass	25058
650	2081168.40	458445.92	26.76	26.33		-0.43	Area 5 Profile 7 - Medium Grass	25058
700	2081174.48	458396.66	27.59	26.84		-0.75	Area 5 Profile 7 - Medium Grass	25058
750	2081180.82	458347.32	26.98	26.41		-0.56	Area 5 Profile 7 - Medium Grass	25058
800	2081187.05	458298.42	25.96	26.28		0.32	Area 5 Profile 7 - Medium Grass	25058
850	2081193.04	458249.45	25.79	26.33		0.54	Area 5 Profile 7 - Medium Grass	25058
900	2081199.30	458200.71	25.83	26.10		0.27	Area 5 Profile 7 - Medium Grass	25058
950	2081205.43	458151.57	26.57	27.08		0.51	Area 5 Profile 7 - Medium Grass	25058
1000	2081157.74	458136.04	27.74	27.39		-0.35	Area 5 Profile 7 - Medium Grass	25058
1050	2081110.22	458120.80	26.30	26.29		-0.01	Area 5 Profile 7 - Medium Grass	25058
1100	2081063.23	458105.36	25.77	26.46		0.69	Area 5 Profile 7 - Medium Grass	25058

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
1150	2081015.78	458089.71	26.43	26.59		0.16	Area 5 Profile 7 - Medium Grass	25058
1200	2080969.90	458072.87	26.66	26.93		0.27	Area 5 Profile 7 - Medium Grass	25058
0	2086368.43	531991.57	16.80	16.29		-0.50	Area 6 Profile 4 - Medium Grass	24773
50	2086416.94	531980.62	16.86	16.46		-0.40	Area 6 Profile 4 - Medium Grass	24773
100	2086465.55	531970.35	17.03	16.61		-0.43	Area 6 Profile 4 - Medium Grass	24773
150	2086514.02	531959.61	17.09	16.78		-0.32	Area 6 Profile 4 - Medium Grass	24773
200	2086562.61	531948.64	17.25	16.75		-0.50	Area 6 Profile 4 - Medium Grass	24773
250	2086611.32	531937.76	17.35	16.92		-0.43	Area 6 Profile 4 - Medium Grass	24773
300	2086660.02	531927.17	17.47	16.93		-0.55	Area 6 Profile 4 - Medium Grass	24773
350	2086709.03	531916.57	17.55	17.01		-0.55	Area 6 Profile 4 - Medium Grass	24773
400	2086757.60	531905.41	17.66	17.36		-0.30	Area 6 Profile 4 - Medium Grass	24773
450	2086806.39	531894.98	17.80	17.30		-0.50	Area 6 Profile 4 - Medium Grass	24773
500	2086855.12	531884.25	17.82	17.38		-0.45	Area 6 Profile 4 - Medium Grass	24773
550	2086903.94	531873.38	17.88	17.30		-0.58	Area 6 Profile 4 - Medium Grass	24773
600	2086952.80	531862.24	18.01	17.68		-0.33	Area 6 Profile 4 - Medium Grass	24773
650	2087001.56	531851.54	17.96	17.45		-0.51	Area 6 Profile 4 - Medium Grass	24773
700	2087050.13	531840.11	17.95	17.58		-0.37	Area 6 Profile 4 - Medium Grass	24773
750	2087098.49	531829.79	18.01	17.61		-0.40	Area 6 Profile 4 - Medium Grass	24773
800	2087147.39	531819.25	17.91	17.51		-0.40	Area 6 Profile 4 - Medium Grass	24773
850	2087195.64	531808.90	18.05	17.80		-0.25	Area 6 Profile 4 - Medium Grass	24773
900	2087244.64	531798.10	17.63	17.29		-0.34	Area 6 Profile 4 - Medium Grass	24773
950	2087293.53	531787.72	17.69	17.30		-0.39	Area 6 Profile 4 - Medium Grass	24773
1000	2087342.25	531777.34	17.69	17.26		-0.44	Area 6 Profile 4 - Medium Grass	24773
1050	2087391.07	531767.36	17.83	17.48		-0.35	Area 6 Profile 4 - Medium Grass	24773
1100	2087439.62	531756.68	17.87	17.28		-0.59	Area 6 Profile 4 - Medium Grass	24773
1150	2087488.03	531745.61	17.61	17.19		-0.42	Area 6 Profile 4 - Medium Grass	24773
1200	2087536.51	531734.57	17.69	17.18		-0.51	Area 6 Profile 4 - Medium Grass	24773
0	2068526.96	526016.50	40.77	40.35		-0.42	Area 6 Profile 6 - Medium Grass	25972

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
50	2068554.74	525975.17	40.59	40.43		-0.16	Area 6 Profile 6 - Medium Grass	25972
100	2068583.79	525934.58	40.87	40.67		-0.20	Area 6 Profile 6 - Medium Grass	25972
150	2068612.24	525893.37	41.18	40.87		-0.31	Area 6 Profile 6 - Medium Grass	25972
200	2068641.52	525853.37	40.96	40.95		-0.02	Area 6 Profile 6 - Medium Grass	25972
250	2068670.48	525812.62	41.01	40.54		-0.46	Area 6 Profile 6 - Medium Grass	25972
300	2068698.44	525771.27	41.04	40.62		-0.41	Area 6 Profile 6 - Medium Grass	25972
350	2068726.77	525730.43	40.79	40.30		-0.49	Area 6 Profile 6 - Medium Grass	25972
400	2068755.35	525689.55	41.00	40.53		-0.48	Area 6 Profile 6 - Medium Grass	25972
450	2068784.05	525648.99	41.14	40.74		-0.40	Area 6 Profile 6 - Medium Grass	25972
500	2068813.57	525609.03	40.96	40.56		-0.40	Area 6 Profile 6 - Medium Grass	25972
550	2068844.69	525570.12	40.86	40.49		-0.37	Area 6 Profile 6 - Medium Grass	25972
600	2068879.31	525534.91	40.39	39.97		-0.42	Area 6 Profile 6 - Medium Grass	25972
650	2068918.35	525504.09	39.96	39.42		-0.54	Area 6 Profile 6 - Medium Grass	25972
700	2068961.71	525479.72	40.10	39.27		-0.83	Area 6 Profile 6 - Medium Grass	25972
750	2069007.67	525461.10	39.91	39.26		-0.65	Area 6 Profile 6 - Medium Grass	25972
800	2069055.07	525446.37	39.96	39.68		-0.28	Area 6 Profile 6 - Medium Grass	25972
850	2069103.53	525435.82	40.06	39.78		-0.28	Area 6 Profile 6 - Medium Grass	25972
900	2069152.23	525427.23	40.29	39.78		-0.51	Area 6 Profile 6 - Medium Grass	25972
950	2069201.05	525418.80	40.45	39.73		-0.72	Area 6 Profile 6 - Medium Grass	25972
1000	2069250.14	525409.71	40.50	39.87		-0.63	Area 6 Profile 6 - Medium Grass	25972
1050	2069298.75	525399.86	40.69	40.03		-0.65	Area 6 Profile 6 - Medium Grass	25972
1100	2069347.39	525390.51	40.74	39.96		-0.78	Area 6 Profile 6 - Medium Grass	25972
1150	2069396.57	525381.81	40.52	39.97		-0.55	Area 6 Profile 6 - Medium Grass	25972
1200	2069445.57	525372.07	40.54	39.95		-0.58	Area 6 Profile 6 - Medium Grass	25972
0	1984850.61	547767.69	27.71	27.77		0.07	Area 7 Profile 10 - Medium Grass	31076
50	1984897.52	547751.15	27.66	27.84		0.17	Area 7 Profile 10 - Medium Grass	31076
100	1984944.42	547734.38	27.91	28.01		0.09	Area 7 Profile 10 - Medium Grass	31076
150	1984991.43	547717.73	27.89	27.92		0.03	Area 7 Profile 10 - Medium Grass	31076

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
200	1985038.38	547700.99	27.96	28.12		0.17	Area 7 Profile 10 - Medium Grass	30776
250	1985085.19	547684.37	27.99	28.18		0.20	Area 7 Profile 10 - Medium Grass	30776
300	1985131.97	547667.99	28.16	28.13		-0.03	Area 7 Profile 10 - Medium Grass	30776
350	1985178.84	547651.47	28.00	28.02		0.02	Area 7 Profile 10 - Medium Grass	30776
400	1985225.75	547635.28	27.97	28.02		0.05	Area 7 Profile 10 - Medium Grass	30776
450	1985272.51	547618.89	28.00	27.87		-0.12	Area 7 Profile 10 - Medium Grass	30776
500	1985319.47	547602.28	28.02	28.00		-0.03	Area 7 Profile 10 - Medium Grass	30776
550	1985366.23	547585.86	28.05	28.03		-0.02	Area 7 Profile 10 - Medium Grass	30776
600	1985412.76	547568.55	28.02	28.01		-0.01	Area 7 Profile 10 - Medium Grass	30776
650	1985459.47	547551.68	28.01	27.99		-0.02	Area 7 Profile 10 - Medium Grass	30776
700	1985506.33	547535.38	27.88	27.85		-0.03	Area 7 Profile 10 - Medium Grass	30776
750	1985553.13	547518.48	28.02	28.03		0.01	Area 7 Profile 10 - Medium Grass	30776
800	1985599.79	547501.57	28.04	28.07		0.03	Area 7 Profile 10 - Medium Grass	30776
800	1985646.64	547485.21	27.77	27.93		0.15	Area 7 Profile 10 - Medium Grass	30776
850	1985693.87	547469.76	27.89	27.94		0.05	Area 7 Profile 10 - Medium Grass	30776
900	1985740.70	547453.13	27.95	27.94		-0.01	Area 7 Profile 10 - Medium Grass	30776
950	1985787.67	547436.62	27.70	27.83		0.13	Area 7 Profile 10 - Medium Grass	30776
1000	1985834.72	547420.77	27.99	28.00		0.01	Area 7 Profile 10 - Medium Grass	30776
1050	1985882.12	547405.28	27.90	27.97		0.07	Area 7 Profile 10 - Medium Grass	30776
1100	1985928.77	547388.69	28.14	28.11		-0.03	Area 7 Profile 10 - Medium Grass	30776
1150	1985975.56	547372.24	28.10	28.09		-0.01	Area 7 Profile 10 - Medium Grass	30776
1200	1986022.38	547355.96	28.10	28.14		0.04	Area 7 Profile 10 - Medium Grass	30776
GS	2014870.18	566865.46	11.62	11.62		0.00	Area 2 Profile 3 - Dense Trees	29280
GS	2014819.87	566866.39	11.17	11.13		-0.04	Area 2 Profile 3 - Dense Trees	29280
GS	2014770.13	566867.31	11.12	11.32		0.21	Area 2 Profile 3 - Dense Trees	29280
GS	2014720.28	566868.23	10.94	11.06		0.11	Area 2 Profile 3 - Dense Trees	29280
GS	2014670.39	566869.16	9.56	9.52		-0.03	Area 2 Profile 3 - Dense Trees	29280
GS	2014620.42	566870.08	11.30	11.45		0.15	Area 2 Profile 3 - Dense Trees	29280

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
GS	2014570.53	566871.00	10.21	10.23		0.02	Area 2 Profile 3 - Dense Trees	29280
GS	2014520.73	566871.92	8.34	8.49		0.15	Area 2 Profile 3 - Dense Trees	29280
GS	2014470.83	566872.85	8.18	8.13		-0.05	Area 2 Profile 3 - Dense Trees	29280
GS	2014420.82	566873.77	9.31	9.07		-0.24	Area 2 Profile 3 - Dense Trees	29280
GS	2014370.81	566874.70	11.94	11.82		-0.13	Area 2 Profile 3 - Dense Trees	29280
GS	2014320.91	566875.62	12.03	11.93		-0.10	Area 2 Profile 3 - Dense Trees	29280
GS	2014271.09	566876.54	11.49	11.34		-0.16	Area 2 Profile 3 - Dense Trees	29280
GS	2014220.94	566877.47	10.92	10.94		0.02	Area 2 Profile 3 - Dense Trees	29280
GS	2014171.15	566881.63	12.00	12.06		0.06	Area 2 Profile 3 - Dense Trees	29280
GS	2014121.33	566885.86	14.58	14.48		-0.10	Area 2 Profile 3 - Dense Trees	29280
GS	2014071.83	566890.63	15.48	15.52		0.04	Area 2 Profile 3 - Dense Trees	29280
GS	2014023.12	566879.85	13.59	13.36		-0.24	Area 2 Profile 3 - Dense Trees	29280
GS	2013973.35	566878.52	14.37	14.45		0.09	Area 2 Profile 3 - Dense Trees	29280
GS	2013923.52	566881.31	15.83	15.87		0.04	Area 2 Profile 3 - Dense Trees	29280
GS	2013874.04	566885.71	15.12	15.02		-0.10	Area 2 Profile 3 - Dense Trees	29280
GS	2013824.44	566887.30	14.43	14.25		-0.18	Area 2 Profile 3 - Dense Trees	29280
GS	2013774.74	566888.18	12.97	13.00		0.03	Area 2 Profile 3 - Dense Trees	29280
GS	2013725.06	566886.19	10.84	10.75		-0.08	Area 2 Profile 3 - Dense Trees	29280
GS	2013675.23	566885.99	10.36	10.20		-0.15	Area 2 Profile 3 - Dense Trees	29280
GS	1983935.69	521152.20	32.86	32.27		-0.59	Area 3 Profile 5 - Dense Trees	31071
GS	1983935.79	521152.20	32.86	32.27		-0.59	Area 3 Profile 5 - Dense Trees	31071
GS	1983935.89	521201.82	32.40	32.60		0.20	Area 3 Profile 5 - Dense Trees	31071
GS	1983935.99	521251.48	32.49	32.87		0.38	Area 3 Profile 5 - Dense Trees	31071
GS	1983936.09	521301.91	32.22	32.71		0.50	Area 3 Profile 5 - Dense Trees	31071
GS	1983936.20	521351.82	32.43	32.74		0.31	Area 3 Profile 5 - Dense Trees	31071
GS	1983936.30	521401.94	32.27	32.65		0.38	Area 3 Profile 5 - Dense Trees	31071
GS	1983936.40	521452.06	32.45	32.74		0.28	Area 3 Profile 5 - Dense Trees	31071
GS	1983936.50	521502.03	32.61	32.74		0.13	Area 3 Profile 5 - Dense Trees	31071

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
GS	1983936.60	521551.87	33.01	32.80		-0.21	Area 3 Profile 5 - Dense Trees	31071
GS	1983936.70	521601.82	32.94	32.83		-0.12	Area 3 Profile 5 - Dense Trees	31071
GS	1983940.68	521651.39	32.67	33.00		0.33	Area 3 Profile 5 - Dense Trees	31071
GS	1983942.70	521701.46	32.78	33.15		0.37	Area 3 Profile 5 - Dense Trees	31071
GS	1983944.81	521751.25	33.02	33.13		0.11	Area 3 Profile 5 - Dense Trees	31071
GS	1983946.64	521801.15	32.94	33.15		0.21	Area 3 Profile 5 - Dense Trees	31071
GS	1983948.80	521851.37	32.97	33.38		0.41	Area 3 Profile 5 - Dense Trees	31071
GS	1983950.81	521901.05	33.38	33.51		0.13	Area 3 Profile 5 - Dense Trees	31071
GS	1983952.70	521951.90	33.29	33.29		-0.01	Area 3 Profile 5 - Dense Trees	31071
GS	1983956.45	522002.58	33.35	33.47		0.12	Area 3 Profile 5 - Dense Trees	31071
GS	1983958.52	522052.57	33.21	33.42		0.22	Area 3 Profile 5 - Dense Trees	31071
GS	1983960.71	522102.61	33.29	33.47		0.18	Area 3 Profile 5 - Dense Trees	31071
GS	1983962.93	522152.44	33.41	33.37		-0.04	Area 3 Profile 5 - Dense Trees	31071
GS	1983965.07	522201.34	33.05	33.23		0.19	Area 3 Profile 5 - Dense Trees	31071
GS	1983967.16	522251.72	32.82	33.14		0.33	Area 3 Profile 5 - Dense Trees	31071
GS	1983969.28	522301.18	32.88	33.22		0.34	Area 3 Profile 5 - Dense Trees	31071
0	2103471.71	527242.69	19.56	19.33		-0.24	Area 4 Profile 2 - Dense Trees	23872
50	2103521.18	527241.66	18.88	19.14		0.26	Area 4 Profile 2 - Dense Trees	23872
100	2103571.11	527239.20	18.29	18.96		0.68	Area 4 Profile 2 - Dense Trees	23872
150	2103621.07	527236.13	18.52	18.93		0.40	Area 4 Profile 2 - Dense Trees	23872
200	2103671.23	527231.77	18.91	19.13		0.23	Area 4 Profile 2 - Dense Trees	23872
250	2103721.47	527229.94	19.10	19.55		0.46	Area 4 Profile 2 - Dense Trees	23872
300	2103771.13	527226.49	18.93	19.57		0.65	Area 4 Profile 2 - Dense Trees	23872
350	2103821.49	527223.18	19.03	19.30		0.26	Area 4 Profile 2 - Dense Trees	23872
400	2103870.42	527220.09	18.74	19.19		0.45	Area 4 Profile 2 - Dense Trees	23872
450	2103920.62	527217.47	18.59	19.16		0.56	Area 4 Profile 2 - Dense Trees	23872
500	2103970.63	527214.34	18.48	18.55		0.07	Area 4 Profile 2 - Dense Trees	23872
550	2104020.35	527210.67	18.29	18.32		0.03	Area 4 Profile 2 - Dense Trees	23872

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
600	2104069.08	527206.33	16.79	17.12		0.34	Area 4 Profile 2 - Dense Trees	23872
650	2104124.00	527204.71	17.74	17.55		-0.19	Area 4 Profile 2 - Dense Trees	23872
700	2104173.58	527209.24	17.28	16.85		-0.43	Area 4 Profile 2 - Dense Trees	23872
750	2104223.68	527205.58	18.32	17.90		-0.42	Area 4 Profile 2 - Dense Trees	23872
800	2104271.46	527214.17	17.34	17.68		0.34	Area 4 Profile 2 - Dense Trees	23872
850	2104320.20	527223.86	17.42	17.61		0.19	Area 4 Profile 2 - Dense Trees	23872
900	2104369.32	527233.19	17.11	17.55		0.43	Area 4 Profile 2 - Dense Trees	23872
950	2104418.61	527241.65	17.97	17.63		-0.34	Area 4 Profile 2 - Dense Trees	23872
1000	2104468.37	527250.44	17.41	17.45		0.04	Area 4 Profile 2 - Dense Trees	23872
1050	2104515.96	527261.31	17.20	17.47		0.28	Area 4 Profile 2 - Dense Trees	23872
1100	2104565.18	527270.33	16.81	17.37		0.56	Area 4 Profile 2 - Dense Trees	23872
1150	2104614.37	527280.40	16.89	17.15		0.26	Area 4 Profile 2 - Dense Trees	23872
1200	2104663.89	527289.29	16.37	17.25		0.88	Area 4 Profile 2 - Dense Trees	23872
0	2030439.49	475725.69	10.62	10.81		0.19	Area 5 Profile 4 - Dense Trees	28062
50	2030442.15	475774.09	11.16	11.22		0.07	Area 5 Profile 4 - Dense Trees	28062
100	2030441.72	475823.64	10.80	10.92		0.11	Area 5 Profile 4 - Dense Trees	28062
150	2030443.67	475873.56	10.56	10.56		0.00	Area 5 Profile 4 - Dense Trees	28062
200	2030442.52	475924.11	10.58	10.44		-0.13	Area 5 Profile 4 - Dense Trees	28062
250	2030444.54	475973.06	11.98	11.80		-0.18	Area 5 Profile 4 - Dense Trees	28062
300	2030444.30	476023.03	10.51	10.79		0.28	Area 5 Profile 4 - Dense Trees	28062
350	2030450.14	476073.45	10.42	10.53		0.11	Area 5 Profile 4 - Dense Trees	28062
400	2030452.57	476122.20	10.39	10.36		-0.04	Area 5 Profile 4 - Dense Trees	28062
450	2030455.90	476172.10	10.40	10.57		0.17	Area 5 Profile 4 - Dense Trees	28062
500	2030458.53	476221.69	10.49	10.56		0.07	Area 5 Profile 4 - Dense Trees	28062
550	2030463.22	476271.94	10.79	10.77		-0.02	Area 5 Profile 4 - Dense Trees	28062
600	2030466.56	476320.06	11.08	10.50		-0.58	Area 5 Profile 4 - Dense Trees	28062
650	2030473.16	476370.61	10.17	10.63		0.46	Area 5 Profile 4 - Dense Trees	28062
700	2030474.82	476421.24	10.17	10.24		0.07	Area 5 Profile 4 - Dense Trees	28062

DTM Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
750	2030483.29	476470.18	10.25	10.36		0.11	Area 5 Profile 4 - Dense Trees	28062
800	2030484.79	476519.22	10.02	10.36		0.34	Area 5 Profile 4 - Dense Trees	28062
850	2030488.35	476569.65	9.90	10.26		0.36	Area 5 Profile 4 - Dense Trees	28062
900	2030488.33	476619.00	9.85	9.97		0.12	Area 5 Profile 4 - Dense Trees	28062
950	2030490.14	476669.19	9.50	10.09		0.60	Area 5 Profile 4 - Dense Trees	28062
1000	2030491.92	476718.91	9.41	9.49		0.08	Area 5 Profile 4 - Dense Trees	28062
1050	2030497.50	476770.97	10.19	10.44		0.25	Area 5 Profile 4 - Dense Trees	28062
1100	2030497.14	476818.96	9.47	9.83		0.36	Area 5 Profile 4 - Dense Trees	28062

APPENDIX C: CONTOURS/TIN ACCURACY CHECKS

The accuracy of the TIN generated from the contours was verified using field survey methods. The results of the accuracy analysis area as follows:

Overall Statistical Summary:					
All Unobscured Points			All Obscured Points		
RMSE Z	0.38	ft	RMSE Z	0.38	ft
NSSDA @ 95%	0.74	ft	NSSDA @ 95%	0.74	ft
Stdev	0.37	ft	Stdev	0.37	ft
Avg Error	-0.10	ft	Avg Error	0.09	ft
Max Error	2.05	ft	Max Error	0.82	ft
Min Error	-2.40	ft	Min Error	-0.75	ft
Count	1046		Count	334	

Per contract agreement with the County, Woolpert exceeded the vertical accuracy requirement for 2-foot contours, with supplemental 1-foot contours, of the Florida GIS Baseline Specifications for LiDAR. Woolpert complied with the 2003/2004 County project standards meeting a +/-0.75-foot fundamental vertical accuracy in unobscured areas. Based on the County's QC survey check points and Woolpert's accuracy analysis, the tested fundamental vertical accuracy of contours is +/-0.38-foot in unobscured areas.

Statistical Summary By Class					
Bare Earth - Unobscured			Low Grass - Unobscured		
Average	-0.11	ft	Average	-0.09	ft
RMSE	0.46	ft	RMSE	0.36	ft
NSSDA @ 95%	0.89	ft	NSSDA @ 95%	0.70	ft
Stdev	0.44	ft	Stdev	0.35	ft
Max	2.05	ft	Max	1.14	ft
Min	-2.40	ft	Min	-1.19	ft
Count	458		Count	238	
Urban/Hard Surface - Unobscured			Med Grass/Vegetation - Obscured		
Average	-0.09	ft	Average	0.06	ft
RMSE	0.27	ft	RMSE	0.39	ft
NSSDA @ 95%	0.52	ft	NSSDA @ 95%	0.76	ft
Stdev	0.25	ft	Stdev	0.36	ft
Max	0.77	ft	Max	0.82	ft
Min	-0.76	ft	Min	-0.74	ft
Count	350		Count	236	
Dense Trees/Vegetation - Obscured			All Points – Unobscured and Obscured		
Average	0.14	ft	Average	-0.05	ft
RMSE	0.35	ft	RMSE	0.38	ft
NSSDA @ 95%	0.68	ft	NSSDA @ 95%	0.74	ft
Stdev	0.32	ft	Stdev	0.37	ft
Max	0.78	ft	Max	2.05	ft
Min	-0.75	ft	Min	-2.40	ft
Count	98		Count	1380	

As illustrated in the table above, Woolpert's accuracy analysis of the vertical accuracy of the TIN generated from the contours is 0.38-foot at the 95% confidence level for both unobscured and obscured points.

The QA/QC points in the following table are organized by unobscured and obscured, and feature class.

Contour Accuracy Analysis								
Station Name	Survey (US SV FT)			LiDAR Elev. (US SV FT)	Residual Error (US SV FT)		Feature	Tile
	Northing	Easting	Elevation		Unobscured	Obscured		
BC	2049065.83	503054.44	29.80	29.00	-0.80		Area 1 Profile 3 - Bare Earth	27167
EP	2049067.26	503053.12	29.45	28.95	-0.51		Area 1 Profile 3 - Bare Earth	27167
EP	2049087.56	503037.37	29.78	29.16	-0.62		Area 1 Profile 3 - Bare Earth	27167
MEDIAN	2049087.74	503037.32	30.13	29.16	-0.97		Area 1 Profile 3 - Bare Earth	27167
MEDIAN	2049090.57	503035.07	30.21	29.22	-0.99		Area 1 Profile 3 - Bare Earth	27167
EP	2049090.85	503034.95	29.74	29.21	-0.53		Area 1 Profile 3 - Bare Earth	27167
EP	2049130.16	503006.23	28.94	28.51	-0.43		Area 1 Profile 3 - Bare Earth	27167
CSW	2049139.27	502998.52	29.45	28.29	-1.16		Area 1 Profile 3 - Bare Earth	27167
0	2049142.16	502996.85	29.46	28.23	-1.23		Area 1 Profile 3 - Bare Earth	27167
50	2049182.43	502966.11	26.87	26.33	-0.54		Area 1 Profile 3 - Bare Earth	27167
100	2049213.81	502927.66	26.70	26.20	-0.50		Area 1 Profile 3 - Bare Earth	27167
150	2049243.22	502887.72	26.46	25.62	-0.84		Area 1 Profile 3 - Bare Earth	27167
200	2049273.17	502848.09	26.42	25.07	-1.35		Area 1 Profile 3 - Bare Earth	27167
250	2049303.06	502808.28	26.16	25.07	-1.09		Area 1 Profile 3 - Bare Earth	27167
300	2049333.07	502768.83	26.32	25.00	-1.32		Area 1 Profile 3 - Bare Earth	27167
350	2049362.74	502728.95	26.13	25.00	-1.13		Area 1 Profile 3 - Bare Earth	27167
400	2049391.82	502688.25	25.94	25.00	-0.94		Area 1 Profile 3 - Bare Earth	27167
450	2049420.77	502647.89	26.12	25.00	-1.12		Area 1 Profile 3 - Bare Earth	27167
500	2049449.72	502607.70	25.85	25.00	-0.85		Area 1 Profile 3 - Bare Earth	27167
550	2049478.70	502567.19	25.60	25.00	-0.60		Area 1 Profile 3 - Bare Earth	27167
600	2049508.17	502527.15	25.39	24.47	-0.91		Area 1 Profile 3 - Bare Earth	27167
650	2049540.11	502489.33	25.59	25.00	-0.59		Area 1 Profile 3 - Bare Earth	27167
700	2049570.75	502449.96	25.58	24.91	-0.67		Area 1 Profile 3 - Bare Earth	27167
750	2049599.50	502409.67	26.83	24.42	-2.40		Area 1 Profile 3 - Bare Earth	27167
800	2049630.63	502370.54	25.33	25.00	-0.33		Area 1 Profile 3 - Bare Earth	27167
850	2049660.51	502330.51	25.33	24.44	-0.90		Area 1 Profile 3 - Bare Earth	27167

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
900	2049690.01	502290.73	25.32	24.34	-0.98		Area 1 Profile 3 - Bare Earth	27167
950	2049719.73	502250.81	25.53	25.00	-0.53		Area 1 Profile 3 - Bare Earth	27167
1000	2049749.37	502210.72	25.59	25.00	-0.59		Area 1 Profile 3 - Bare Earth	27167
1050	2049777.70	502169.98	25.44	25.00	-0.44		Area 1 Profile 3 - Bare Earth	27167
1100	2049807.71	502130.28	25.38	25.00	-0.38		Area 1 Profile 3 - Bare Earth	27167
1150	2049838.44	502091.18	25.58	25.18	-0.39		Area 1 Profile 3 - Bare Earth	27167
1200	2049868.70	502051.69	25.70	25.14	-0.56		Area 1 Profile 3 - Bare Earth	27167
0	2018568.67	531955.12	38.08	38.00	-0.08		Area 2 Profile 5 - Bare Earth	28973
50	2018566.43	531905.58	37.64	37.90	0.27		Area 2 Profile 5 - Bare Earth	28973
100	2018563.02	531855.89	37.69	37.00	-0.69		Area 2 Profile 5 - Bare Earth	28973
150	2018561.72	531806.05	37.84	37.00	-0.84		Area 2 Profile 5 - Bare Earth	28973
200	2018561.80	531756.19	38.08	38.00	-0.08		Area 2 Profile 5 - Bare Earth	28973
250	2018562.00	531706.57	38.11	38.00	-0.11		Area 2 Profile 5 - Bare Earth	28973
300	2018564.25	531656.85	38.24	38.00	-0.24		Area 2 Profile 5 - Bare Earth	28973
350	2018565.06	531607.13	38.00	38.00	0.00		Area 2 Profile 5 - Bare Earth	28973
400	2018566.01	531557.69	38.01	38.00	-0.01		Area 2 Profile 5 - Bare Earth	28973
450	2018567.59	531507.98	38.05	38.00	-0.05		Area 2 Profile 5 - Bare Earth	28973
500	2018567.75	531457.94	38.04	38.00	-0.04		Area 2 Profile 5 - Bare Earth	28973
550	2018569.41	531408.26	38.01	38.00	-0.01		Area 2 Profile 5 - Bare Earth	28973
600	2018570.73	531358.69	38.15	37.88	-0.27		Area 2 Profile 5 - Bare Earth	28973
650	2018571.15	531309.18	38.45	39.47	1.02		Area 2 Profile 5 - Bare Earth	28973
700	2018571.82	531259.16	38.62	38.00	-0.62		Area 2 Profile 5 - Bare Earth	28973
750	2018572.98	531209.25	38.67	37.76	-0.91		Area 2 Profile 5 - Bare Earth	28973
800	2018573.68	531159.58	38.77	38.00	-0.77		Area 2 Profile 5 - Bare Earth	28973
850	2018574.77	531109.64	39.06	39.00	-0.06		Area 2 Profile 5 - Bare Earth	28973
900	2018575.79	531059.86	38.87	38.00	-0.87		Area 2 Profile 5 - Bare Earth	28973
950	2018576.39	531009.94	38.80	38.00	-0.80		Area 2 Profile 5 - Bare Earth	28973
1000	2018577.89	530960.45	38.86	38.43	-0.43		Area 2 Profile 5 - Bare Earth	28973

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
1050	2018578.80	530910.83	38.78	39.00	0.22		Area 2 Profile 5 - Bare Earth	28973
1100	2018579.84	530861.02	38.65	38.99	0.33		Area 2 Profile 5 - Bare Earth	28973
1150	2018580.51	530811.22	38.48	38.00	-0.48		Area 2 Profile 5 - Bare Earth	28973
1200	2018582.08	530761.54	38.20	38.00	-0.20		Area 2 Profile 5 - Bare Earth	28973
0	1925448.77	521652.18	26.15	26.00	-0.15		Area 3 Profile 1 - Bare Earth	34671
50	1925449.81	521702.24	25.98	26.00	0.02		Area 3 Profile 1 - Bare Earth	34671
100	1925450.87	521752.28	26.19	26.00	-0.19		Area 3 Profile 1 - Bare Earth	34671
150	1925451.66	521802.18	25.96	26.00	0.04		Area 3 Profile 1 - Bare Earth	34671
200	1925452.53	521852.28	25.87	26.00	0.13		Area 3 Profile 1 - Bare Earth	34671
250	1925454.03	521901.99	25.96	26.00	0.04		Area 3 Profile 1 - Bare Earth	34671
300	1925455.22	521952.27	25.90	26.00	0.10		Area 3 Profile 1 - Bare Earth	34671
350	1925456.60	522002.20	25.94	26.00	0.06		Area 3 Profile 1 - Bare Earth	34671
400	1925457.33	522052.34	25.92	26.00	0.08		Area 3 Profile 1 - Bare Earth	34671
450	1925457.19	522102.72	25.63	26.00	0.37		Area 3 Profile 1 - Bare Earth	34671
500	1925458.14	522152.76	25.63	26.00	0.37		Area 3 Profile 1 - Bare Earth	34671
550	1925458.49	522202.83	25.80	26.00	0.20		Area 3 Profile 1 - Bare Earth	34671
600	1925458.69	522253.40	24.98	26.00	1.02		Area 3 Profile 1 - Bare Earth	34671
650	1925459.82	522304.02	25.78	26.00	0.22		Area 3 Profile 1 - Bare Earth	34671
700	1925461.10	522353.74	26.03	26.00	-0.03		Area 3 Profile 1 - Bare Earth	34671
750	1925462.62	522403.88	26.05	26.00	-0.05		Area 3 Profile 1 - Bare Earth	34671
800	1925463.65	522453.51	26.19	26.00	-0.19		Area 3 Profile 1 - Bare Earth	34671
850	1925465.27	522503.51	26.28	26.00	-0.28		Area 3 Profile 1 - Bare Earth	34671
900	1925466.30	522553.43	26.25	26.00	-0.25		Area 3 Profile 1 - Bare Earth	34671
950	1925467.74	522603.33	26.16	26.00	-0.16		Area 3 Profile 1 - Bare Earth	34671
1000	1925467.77	522653.75	26.24	26.00	-0.24		Area 3 Profile 1 - Bare Earth	34671
1050	1925467.77	522703.36	26.52	26.05	-0.48		Area 3 Profile 1 - Bare Earth	34671
1100	1925468.81	522753.39	26.51	26.03	-0.48		Area 3 Profile 1 - Bare Earth	34671
1150	1925469.53	522803.39	26.42	26.00	-0.42		Area 3 Profile 1 - Bare Earth	34671

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
1200	1925470.50	522853.46	26.56	26.00	-0.56		Area 3 Profile 1 - Bare Earth	34671
0	1960707.74	518834.66	42.18	42.76	0.58		Area 3 Profile 6 - Bare Earth	32270
50	1960706.91	518785.14	42.63	43.00	0.37		Area 3 Profile 6 - Bare Earth	32270
100	1960706.50	518735.94	42.99	43.00	0.01		Area 3 Profile 6 - Bare Earth	32270
150	1960705.73	518686.29	43.06	43.00	-0.06		Area 3 Profile 6 - Bare Earth	32270
200	1960704.68	518636.92	43.24	43.46	0.23		Area 3 Profile 6 - Bare Earth	32270
250	1960704.47	518587.35	43.58	44.00	0.42		Area 3 Profile 6 - Bare Earth	32270
300	1960703.48	518538.01	43.70	44.00	0.30		Area 3 Profile 6 - Bare Earth	32270
350	1960702.50	518488.52	43.87	44.00	0.13		Area 3 Profile 6 - Bare Earth	32270
400	1960702.12	518438.99	44.04	44.00	-0.04		Area 3 Profile 6 - Bare Earth	32270
450	1960702.09	518389.62	44.40	44.62	0.23		Area 3 Profile 6 - Bare Earth	32270
500	1960701.19	518340.08	44.76	45.00	0.24		Area 3 Profile 6 - Bare Earth	32270
550	1960700.77	518290.61	45.34	45.00	-0.34		Area 3 Profile 6 - Bare Earth	32270
600	1960700.53	518241.19	45.55	45.16	-0.39		Area 3 Profile 6 - Bare Earth	32270
650	1960699.80	518191.61	45.65	45.61	-0.04		Area 3 Profile 6 - Bare Earth	32270
700	1960699.19	518142.11	45.80	46.00	0.20		Area 3 Profile 6 - Bare Earth	32270
750	1960698.45	518092.39	46.08	46.00	-0.08		Area 3 Profile 6 - Bare Earth	32270
800	1960697.77	518042.90	46.03	46.00	-0.03		Area 3 Profile 6 - Bare Earth	32270
850	1960697.57	517993.31	46.36	46.44	0.08		Area 3 Profile 6 - Bare Earth	32270
900	1960696.98	517943.69	46.60	46.95	0.35		Area 3 Profile 6 - Bare Earth	32270
950	1960696.20	517894.25	46.55	47.00	0.45		Area 3 Profile 6 - Bare Earth	32270
1000	1960695.29	517844.91	46.86	47.00	0.14		Area 3 Profile 6 - Bare Earth	32270
1050	1960694.68	517795.44	46.87	47.00	0.13		Area 3 Profile 6 - Bare Earth	32270
1100	1960693.85	517745.95	46.97	47.00	0.03		Area 3 Profile 6 - Bare Earth	32270
1150	1960693.45	517696.25	46.93	47.00	0.07		Area 3 Profile 6 - Bare Earth	32270
1200	1960693.24	517646.63	47.17	47.00	-0.17		Area 3 Profile 6 - Bare Earth	32270
0	2109180.96	518959.90	22.68	22.00	-0.68		Area 4 Profile 3 - Bare Earth	23570
50	2109130.80	518959.31	22.76	22.00	-0.76		Area 4 Profile 3 - Bare Earth	23570

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
100	2109081.29	518960.09	23.21	23.00	-0.21		Area 4 Profile 3 - Bare Earth	23570
150	2109031.54	518961.67	23.29	23.00	-0.29		Area 4 Profile 3 - Bare Earth	23570
200	2108981.86	518964.04	23.60	23.00	-0.60		Area 4 Profile 3 - Bare Earth	23570
250	2108932.31	518966.40	23.65	23.65	0.00		Area 4 Profile 3 - Bare Earth	23570
300	2108882.76	518966.93	23.61	23.58	-0.03		Area 4 Profile 3 - Bare Earth	23570
350	2108833.37	518966.89	23.70	23.60	-0.10		Area 4 Profile 3 - Bare Earth	23570
400	2108783.71	518967.00	23.75	24.00	0.25		Area 4 Profile 3 - Bare Earth	23570
450	2108734.07	518969.18	23.67	23.75	0.08		Area 4 Profile 3 - Bare Earth	23570
500	2108684.32	518972.08	23.84	23.66	-0.18		Area 4 Profile 3 - Bare Earth	23570
550	2108634.73	518974.32	23.98	23.80	-0.18		Area 4 Profile 3 - Bare Earth	23570
600	2108585.11	518975.35	24.17	24.05	-0.13		Area 4 Profile 3 - Bare Earth	23570
650	2108535.45	518976.24	24.14	24.03	-0.10		Area 4 Profile 3 - Bare Earth	23570
700	2108485.93	518977.97	24.18	24.14	-0.04		Area 4 Profile 3 - Bare Earth	23570
750	2108436.23	518980.08	24.21	24.25	0.04		Area 4 Profile 3 - Bare Earth	23570
800	2108386.47	518981.18	24.47	24.32	-0.15		Area 4 Profile 3 - Bare Earth	23570
850	2108336.71	518981.81	24.63	24.41	-0.22		Area 4 Profile 3 - Bare Earth	23570
900	2108287.05	518981.97	24.92	24.40	-0.52		Area 4 Profile 3 - Bare Earth	23570
950	2108237.64	518981.95	24.75	24.42	-0.33		Area 4 Profile 3 - Bare Earth	23570
1000	2108188.00	518982.37	24.96	24.76	-0.20		Area 4 Profile 3 - Bare Earth	23570
1050	2108138.24	518983.14	24.57	24.26	-0.31		Area 4 Profile 3 - Bare Earth	23570
1100	2108088.26	518984.12	24.39	24.00	-0.39		Area 4 Profile 3 - Bare Earth	23570
1150	2108038.69	518984.36	24.21	24.00	-0.21		Area 4 Profile 3 - Bare Earth	23570
1200	2107988.94	518986.47	23.94	24.00	0.06		Area 4 Profile 3 - Bare Earth	23570
0	2000407.19	515529.60	30.46	30.51	0.05		Area 5 Profile 1 - Bare Earth	29870
50	2000405.73	515479.76	30.53	30.49	-0.04		Area 5 Profile 1 - Bare Earth	29870
100	2000407.27	515429.85	30.70	30.66	-0.04		Area 5 Profile 1 - Bare Earth	29870
150	2000407.51	515380.05	30.39	30.64	0.24		Area 5 Profile 1 - Bare Earth	29870
200	2000409.92	515330.18	31.08	31.00	-0.08		Area 5 Profile 1 - Bare Earth	29870

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
250	2000412.88	515280.53	31.20	31.00	-0.20		Area 5 Profile 1 - Bare Earth	29870
300	2000415.43	515230.99	31.03	30.96	-0.07		Area 5 Profile 1 - Bare Earth	29870
350	2000416.96	515181.24	30.68	30.38	-0.29		Area 5 Profile 1 - Bare Earth	29870
400	2000419.33	515131.48	30.53	30.42	-0.11		Area 5 Profile 1 - Bare Earth	29870
450	2000420.63	515081.78	30.76	30.57	-0.19		Area 5 Profile 1 - Bare Earth	29870
500	2000421.34	515031.89	30.61	30.66	0.05		Area 5 Profile 1 - Bare Earth	29870
550	2000422.68	514982.38	30.26	30.66	0.41		Area 5 Profile 1 - Bare Earth	29869
600	2000423.80	514932.73	30.42	30.56	0.15		Area 5 Profile 1 - Bare Earth	29869
650	2000424.91	514883.08	30.18	30.06	-0.12		Area 5 Profile 1 - Bare Earth	29869
700	2000426.10	514833.34	29.90	30.00	0.10		Area 5 Profile 1 - Bare Earth	29869
750	2000427.27	514783.69	30.13	30.36	0.23		Area 5 Profile 1 - Bare Earth	29869
800	2000428.59	514734.07	30.32	30.64	0.31		Area 5 Profile 1 - Bare Earth	29869
850	2000431.23	514635.02	30.36	30.79	0.44		Area 5 Profile 1 - Bare Earth	29869
900	2000432.77	514585.31	30.23	30.73	0.50		Area 5 Profile 1 - Bare Earth	29869
950	2000432.80	514585.20	30.26	30.73	0.47		Area 5 Profile 1 - Bare Earth	29869
1000	2000433.48	514535.74	30.26	30.15	-0.11		Area 5 Profile 1 - Bare Earth	29869
1050	2000434.74	514486.06	30.26	30.00	-0.26		Area 5 Profile 1 - Bare Earth	29869
1100	2000435.84	514436.29	29.43	30.00	0.57		Area 5 Profile 1 - Bare Earth	29869
1150	2000437.03	514386.53	30.08	30.00	-0.08		Area 5 Profile 1 - Bare Earth	29869
1200	2000438.15	514336.71	30.39	30.19	-0.20		Area 5 Profile 1 - Bare Earth	29869
0	2045081.04	476438.33	10.56	10.10	-0.46		Area 5 Profile 5 - Bare Earth	27162
50	2045031.47	476440.75	10.78	10.59	-0.19		Area 5 Profile 5 - Bare Earth	27162
100	2044981.95	476442.96	10.62	10.44	-0.18		Area 5 Profile 5 - Bare Earth	27162
150	2044932.54	476444.70	10.67	10.12	-0.55		Area 5 Profile 5 - Bare Earth	27162
200	2044883.08	476446.92	10.83	10.84	0.00		Area 5 Profile 5 - Bare Earth	27162
250	2044833.44	476449.26	10.73	10.70	-0.03		Area 5 Profile 5 - Bare Earth	27162
300	2044783.87	476451.14	10.71	10.61	-0.10		Area 5 Profile 5 - Bare Earth	27162
350	2044734.22	476452.58	10.79	11.00	0.21		Area 5 Profile 5 - Bare Earth	27162

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
400	2044684.84	476454.97	10.91	11.00	0.09		Area 5 Profile 5 - Bare Earth	27162
450	2044635.31	476457.22	10.88	11.00	0.12		Area 5 Profile 5 - Bare Earth	27162
500	2044585.65	476459.50	11.03	11.00	-0.03		Area 5 Profile 5 - Bare Earth	27162
550	2044535.80	476462.36	11.10	11.00	-0.10		Area 5 Profile 5 - Bare Earth	27162
600	2044486.59	476464.83	11.14	11.00	-0.14		Area 5 Profile 5 - Bare Earth	27162
650	2044436.82	476467.57	11.30	11.00	-0.30		Area 5 Profile 5 - Bare Earth	27162
700	2044387.04	476469.80	11.37	11.00	-0.37		Area 5 Profile 5 - Bare Earth	27162
750	2044337.39	476472.10	11.28	11.00	-0.28		Area 5 Profile 5 - Bare Earth	27162
800	2044288.01	476474.47	11.02	11.00	-0.02		Area 5 Profile 5 - Bare Earth	27162
850	2044238.74	476477.12	11.01	11.00	-0.01		Area 5 Profile 5 - Bare Earth y	27162
900	2044189.37	476479.46	11.05	11.00	-0.05		Area 5 Profile 5 - Bare Earth	27162
950	2044139.84	476482.11	11.20	11.00	-0.20		Area 5 Profile 5 - Bare Earth	27162
1000	2044090.25	476484.61	11.22	11.00	-0.22		Area 5 Profile 5 - Bare Earth	27162
1050	2044040.88	476487.52	11.28	11.00	-0.28		Area 5 Profile 5 - Bare Earth	27162
1100	2043991.34	476489.98	11.37	11.00	-0.37		Area 5 Profile 5 - Bare Earth	27162
1150	2043941.75	476492.72	11.32	11.00	-0.32		Area 5 Profile 5 - Bare Earth	27162
1200	2043892.24	476495.22	11.35	11.00	-0.35		Area 5 Profile 5 - Bare Earth	27162
0	2088746.72	477194.93	23.57	23.59	0.02		Area 5 Profile 9 - Bare Earth	24762
50	2088796.75	477193.73	23.37	23.00	-0.37		Area 5 Profile 9 - Bare Earth	24762
100	2088843.83	477192.61	23.35	23.00	-0.35		Area 5 Profile 9 - Bare Earth	24762
150	2088895.96	477187.73	23.65	23.00	-0.65		Area 5 Profile 9 - Bare Earth	24762
200	2088945.77	477189.12	23.44	22.95	-0.50		Area 5 Profile 9 - Bare Earth	24762
250	2088992.73	477183.27	23.21	22.78	-0.43		Area 5 Profile 9 - Bare Earth	24762
300	2089044.25	477170.87	23.14	22.78	-0.36		Area 5 Profile 9 - Bare Earth	24762
350	2089093.58	477165.37	23.43	22.83	-0.59		Area 5 Profile 9 - Bare Earth	24762
400	2089143.06	477159.07	23.00	22.83	-0.17		Area 5 Profile 9 - Bare Earth	24762
450	2089192.30	477152.55	23.01	23.00	-0.01		Area 5 Profile 9 - Bare Earth	24762
500	2089241.79	477146.41	23.64	23.15	-0.49		Area 5 Profile 9 - Bare Earth	24762

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
550	2089291.23	477140.36	23.61	23.73	0.12		Area 5 Profile 9 - Bare Earth	24762
600	2089340.60	477134.55	23.71	24.00	0.29		Area 5 Profile 9 - Bare Earth	24762
650	2089390.04	477128.86	23.69	24.00	0.31		Area 5 Profile 9 - Bare Earth	24762
700	2089439.27	477122.49	23.54	23.43	-0.11		Area 5 Profile 9 - Bare Earth	24762
750	2089488.70	477116.28	23.37	23.03	-0.34		Area 5 Profile 9 - Bare Earth	24762
800	2089538.00	477110.00	23.23	23.00	-0.23		Area 5 Profile 9 - Bare Earth	24762
850	2089587.46	477104.13	23.36	23.00	-0.36		Area 5 Profile 9 - Bare Earth	24762
900	2089636.98	477098.07	22.73	23.00	0.27		Area 5 Profile 9 - Bare Earth	24762
950	2089686.30	477091.65	23.12	23.19	0.06		Area 5 Profile 9 - Bare Earth	24762
1000	2089735.64	477085.71	23.51	23.28	-0.23		Area 5 Profile 9 - Bare Earth	24762
1050	2089785.10	477079.24	23.41	23.53	0.12		Area 5 Profile 9 - Bare Earth	24762
1100	2089834.53	477072.86	23.57	24.00	0.43		Area 5 Profile 9 - Bare Earth	24762
1150	2089883.98	477066.54	23.64	24.00	0.36		Area 5 Profile 9 - Bare Earth	24762
1200	2089933.50	477060.91	23.80	24.00	0.20		Area 5 Profile 9 - Bare Earth	24762
0	2064346.91	542267.40	4.03	4.01	-0.02		Area 6 Profile 5 - Bare Earth	26275
50	2064383.26	542301.25	3.61	3.51	-0.10		Area 6 Profile 5 - Bare Earth	26275
100	2064424.01	542329.70	3.56	3.43	-0.12		Area 6 Profile 5 - Bare Earth	26275
150	2064470.27	542347.98	3.60	3.38	-0.22		Area 6 Profile 5 - Bare Earth	26275
200	2064519.44	542355.71	3.55	3.37	-0.18		Area 6 Profile 5 - Bare Earth	26275
250	2064569.22	542356.72	3.66	3.50	-0.16		Area 6 Profile 5 - Bare Earth	26275
300	2064618.84	542354.59	3.63	3.56	-0.07		Area 6 Profile 5 - Bare Earth	26275
350	2064668.37	542350.76	3.88	3.56	-0.32		Area 6 Profile 5 - Bare Earth	26275
400	2064718.21	542347.11	3.83	3.60	-0.23		Area 6 Profile 5 - Bare Earth	26275
450	2064767.95	542343.51	3.60	3.63	0.03		Area 6 Profile 5 - Bare Earth	26275
500	2064817.55	542339.38	3.62	3.64	0.02		Area 6 Profile 5 - Bare Earth	26275
550	2064867.39	542335.56	3.83	3.64	-0.19		Area 6 Profile 5 - Bare Earth	26275
600	2064916.95	542331.00	3.96	3.55	-0.40		Area 6 Profile 5 - Bare Earth	26275
650	2064966.53	542326.91	3.88	3.37	-0.51		Area 6 Profile 5 - Bare Earth	26275

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
700	2065016.15	542322.61	3.49	3.27	-0.22		Area 6 Profile 5 - Bare Earth	25975
750	2065065.89	542317.85	3.48	3.23	-0.25		Area 6 Profile 5 - Bare Earth	25975
800	2065115.12	542310.81	3.58	3.25	-0.33		Area 6 Profile 5 - Bare Earth	25975
850	2065164.59	542304.30	3.42	3.28	-0.14		Area 6 Profile 5 - Bare Earth	25975
900	2065213.81	542298.94	3.27	3.00	-0.27		Area 6 Profile 5 - Bare Earth	25975
950	2065262.97	542292.23	2.66	2.63	-0.03		Area 6 Profile 5 - Bare Earth	25975
1000	2065309.43	542274.22	2.99	3.00	0.01		Area 6 Profile 5 - Bare Earth	25975
1050	2065352.19	542248.91	3.24	3.00	-0.24		Area 6 Profile 5 - Bare Earth	25975
1100	2065396.92	542227.09	3.15	3.00	-0.15		Area 6 Profile 5 - Bare Earth	25975
1150	2065443.35	542209.28	3.40	3.20	-0.20		Area 6 Profile 5 - Bare Earth	25975
1200	2065493.06	542205.41	3.63	3.46	-0.17		Area 6 Profile 5 - Bare Earth	25975
0	2041659.38	535107.04	35.42	35.00	-0.42		Area 6 Profile 7 - Bare Earth	27474
50	2041610.03	535114.81	34.55	34.68	0.13		Area 6 Profile 7 - Bare Earth	27474
100	2041560.91	535124.18	34.57	34.34	-0.23		Area 6 Profile 7 - Bare Earth	27474
150	2041512.66	535136.12	34.50	34.46	-0.04		Area 6 Profile 7 - Bare Earth	27474
200	2041464.78	535149.68	34.80	34.74	-0.06		Area 6 Profile 7 - Bare Earth	27474
250	2041417.16	535164.17	35.05	35.16	0.11		Area 6 Profile 7 - Bare Earth	27474
300	2041369.76	535178.81	35.13	35.16	0.03		Area 6 Profile 7 - Bare Earth	27474
350	2041322.38	535193.68	34.87	34.78	-0.09		Area 6 Profile 7 - Bare Earth	27474
400	2041274.96	535208.63	34.78	34.75	-0.03		Area 6 Profile 7 - Bare Earth	27474
450	2041227.33	535223.24	34.77	34.71	-0.06		Area 6 Profile 7 - Bare Earth	27474
500	2041179.79	535238.38	34.64	34.59	-0.05		Area 6 Profile 7 - Bare Earth	27474
550	2041132.25	535253.54	34.58	34.58	0.00		Area 6 Profile 7 - Bare Earth	27474
600	2041085.30	535269.65	34.52	34.68	0.16		Area 6 Profile 7 - Bare Earth	27474
650	2041038.11	535285.27	34.67	34.61	-0.06		Area 6 Profile 7 - Bare Earth	27474
700	2040990.68	535300.60	34.83	34.46	-0.37		Area 6 Profile 7 - Bare Earth	27474
750	2040943.34	535316.43	34.63	34.35	-0.28		Area 6 Profile 7 - Bare Earth	27474
800	2040895.98	535331.67	34.43	34.34	-0.09		Area 6 Profile 7 - Bare Earth	27474

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
850	2040848.79	535347.76	34.30	34.21	-0.09		Area 6 Profile 7 - Bare Earth	27474
900	2040801.79	535364.00	34.51	34.38	-0.13		Area 6 Profile 7 - Bare Earth	27474
950	2040754.68	535380.18	34.59	34.42	-0.17		Area 6 Profile 7 - Bare Earth	27474
1000	2040707.59	535395.83	34.43	34.42	-0.01		Area 6 Profile 7 - Bare Earth	27474
1050	2040660.17	535411.67	34.69	34.77	0.08		Area 6 Profile 7 - Bare Earth	27474
1100	2040613.06	535427.76	34.96	34.69	-0.27		Area 6 Profile 7 - Bare Earth	27474
1150	2040565.80	535443.09	34.81	34.68	-0.13		Area 6 Profile 7 - Bare Earth	27474
1200	2040518.58	535459.16	34.65	34.74	0.09		Area 6 Profile 7 - Bare Earth	27474
0	1924860.72	526891.65	26.42	26.35	-0.07		Area 7 Profile 1 - Bare Earth	34672
50	1924897.57	526925.40	26.34	26.44	0.10		Area 7 Profile 1 - Bare Earth	34672
100	1924934.45	526959.05	26.54	26.74	0.20		Area 7 Profile 1 - Bare Earth	34672
150	1924971.06	526992.83	26.73	26.93	0.20		Area 7 Profile 1 - Bare Earth	34672
200	1925007.99	527026.42	26.92	27.14	0.22		Area 7 Profile 1 - Bare Earth	34672
250	1925044.63	527060.09	27.07	27.42	0.36		Area 7 Profile 1 - Bare Earth	34672
300	1925081.30	527093.79	27.54	27.43	-0.11		Area 7 Profile 1 - Bare Earth	34672
350	1925118.21	527127.33	27.61	27.45	-0.16		Area 7 Profile 1 - Bare Earth	34672
400	1925154.99	527161.15	27.84	27.46	-0.38		Area 7 Profile 1 - Bare Earth	34672
450	1925191.70	527194.77	27.92	27.45	-0.46		Area 7 Profile 1 - Bare Earth	34672
500	1925228.82	527228.38	27.84	27.47	-0.37		Area 7 Profile 1 - Bare Earth	34672
550	1925265.36	527262.07	27.93	27.48	-0.45		Area 7 Profile 1 - Bare Earth	34672
600	1925302.15	527295.65	27.80	27.38	-0.42		Area 7 Profile 1 - Bare Earth	34672
650	1925338.85	527329.39	27.29	27.24	-0.05		Area 7 Profile 1 - Bare Earth	34672
700	1925375.86	527362.99	27.18	27.00	-0.18		Area 7 Profile 1 - Bare Earth	34672
750	1925412.76	527396.64	27.25	26.62	-0.64		Area 7 Profile 1 - Bare Earth	34672
800	1925449.27	527430.42	26.69	26.43	-0.26		Area 7 Profile 1 - Bare Earth	34672
850	1925486.05	527464.07	26.54	26.40	-0.14		Area 7 Profile 1 - Bare Earth	34672
900	1925522.54	527497.61	25.80	26.57	0.77		Area 7 Profile 1 - Bare Earth	34672
950	1925559.71	527531.35	27.37	26.99	-0.38		Area 7 Profile 1 - Bare Earth	34672

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
1000	1925596.19	527564.98	27.00	27.38	0.38		Area 7 Profile 1 - Bare Earth	34672
1050	1925633.04	527598.75	27.38	27.55	0.18		Area 7 Profile 1 - Bare Earth	34672
1100	1925669.95	527632.32	27.72	27.46	-0.26		Area 7 Profile 1 - Bare Earth	34672
1150	1925706.58	527665.96	27.64	27.41	-0.23		Area 7 Profile 1 - Bare Earth	34672
1200	1925743.36	527699.62	27.78	27.35	-0.43		Area 7 Profile 1 - Bare Earth	34672
0	1935156.43	554541.46	35.57	35.54	-0.04		Area 7 Profile 2 - Bare Earth	33777
50	1935152.32	554491.57	35.60	35.80	0.20		Area 7 Profile 2 - Bare Earth	33777
100	1935148.51	554441.62	35.59	35.89	0.30		Area 7 Profile 2 - Bare Earth	33777
150	1935144.65	554391.80	35.86	36.01	0.14		Area 7 Profile 2 - Bare Earth	33777
200	1935140.74	554341.94	35.85	36.01	0.16		Area 7 Profile 2 - Bare Earth	33777
250	1935136.73	554292.08	35.66	35.91	0.25		Area 7 Profile 2 - Bare Earth	33777
300	1935132.77	554242.17	35.42	35.70	0.28		Area 7 Profile 2 - Bare Earth	33777
350	1935128.79	554192.34	35.34	35.52	0.18		Area 7 Profile 2 - Bare Earth	33777
400	1935124.89	554142.52	35.11	35.33	0.23		Area 7 Profile 2 - Bare Earth	33777
450	1935120.98	554092.66	35.04	35.15	0.11		Area 7 Profile 2 - Bare Earth	33777
500	1935117.04	554042.83	34.75	34.90	0.15		Area 7 Profile 2 - Bare Earth	33777
550	1935112.98	553992.98	34.48	34.50	0.02		Area 7 Profile 2 - Bare Earth	33777
600	1935108.93	553943.15	34.14	34.20	0.05		Area 7 Profile 2 - Bare Earth	33777
650	1935105.05	553893.28	33.96	33.97	0.01		Area 7 Profile 2 - Bare Earth	33777
700	1935101.07	553843.42	33.56	33.50	-0.06		Area 7 Profile 2 - Bare Earth	33777
750	1935097.19	553793.52	33.19	33.12	-0.07		Area 7 Profile 2 - Bare Earth	33777
800	1935093.37	553743.57	32.67	32.76	0.09		Area 7 Profile 2 - Bare Earth	33777
850	1935089.48	553693.71	32.35	32.26	-0.09		Area 7 Profile 2 - Bare Earth	33777
900	1935085.53	553643.80	31.82	31.90	0.08		Area 7 Profile 2 - Bare Earth	33777
950	1935081.53	553593.92	31.27	31.27	0.00		Area 7 Profile 2 - Bare Earth	33777
1000	1935077.64	553544.08	30.73	30.78	0.04		Area 7 Profile 2 - Bare Earth	33777
1050	1935073.58	553494.24	30.12	30.18	0.06		Area 7 Profile 2 - Bare Earth	33777
1100	1935069.72	553444.35	29.81	29.86	0.04		Area 7 Profile 2 - Bare Earth	33777

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
1150	1935065.82	553394.47	29.48	29.50	0.02		Area 7 Profile 2 - Bare Earth	33777
1200	1935061.76	553344.59	29.32	29.11	-0.21		Area 7 Profile 2 - Bare Earth	33777
0	1946954.17	585381.77	3.95	4.190	0.24		Area 7 Profile 3 - Bare Earth	33184
50	1946906.82	585398.29	3.59	3.993	0.40		Area 7 Profile 3 - Bare Earth	33184
100	1946857.32	585404.25	3.87	4.175	0.31		Area 7 Profile 3 - Bare Earth	33184
150	1946807.37	585403.16	2.62	2.999	0.38		Area 7 Profile 3 - Bare Earth	33184
200	1946758.06	585411.55	1.62	2.002	0.38		Area 7 Profile 3 - Bare Earth	33184
250	1946712.32	585431.63	2.36	2.571	0.21		Area 7 Profile 3 - Bare Earth	33184
300	1946665.20	585448.56	3.91	4.136	0.22		Area 7 Profile 3 - Bare Earth	33184
350	1946616.88	585460.80	4.93	4.997	0.07		Area 7 Profile 3 - Bare Earth	33184
400	1946568.86	585474.61	3.96	4.379	0.42		Area 7 Profile 3 - Bare Earth	33184
450	1946520.03	585485.57	4.05	4.403	0.35		Area 7 Profile 3 - Bare Earth	33184
500	1946471.59	585498.13	6.02	6.003	-0.02		Area 7 Profile 3 - Bare Earth	33184
550	1946423.13	585510.11	6.62	6.625	0.00		Area 7 Profile 3 - Bare Earth	33184
600	1946375.26	585524.57	6.27	6.573	0.30		Area 7 Profile 3 - Bare Earth	33184
650	1946328.97	585543.21	4.73	5.081	0.35		Area 7 Profile 3 - Bare Earth	33184
700	1946281.13	585558.34	6.04	6.565	0.53		Area 7 Profile 3 - Bare Earth	33184
750	1946235.30	585578.29	6.76	7.016	0.25		Area 7 Profile 3 - Bare Earth	33184
800	1946190.85	585600.94	4.89	5.480	0.59		Area 7 Profile 3 - Bare Earth	33184
850	1946147.21	585625.26	3.43	4.099	0.67		Area 7 Profile 3 - Bare Earth	33184
900	1946099.73	585640.52	4.63	5.000	0.37		Area 7 Profile 3 - Bare Earth	33184
950	1946050.36	585648.20	3.90	4.438	0.54		Area 7 Profile 3 - Bare Earth	33184
1000	1946004.08	585635.31	2.88	3.583	0.71		Area 7 Profile 3 - Bare Earth	33184
1050	1945975.93	585593.79	3.22	4.002	0.78		Area 7 Profile 3 - Bare Earth	33184
1100	1945942.43	585556.93	3.06	4.003	0.94		Area 7 Profile 3 - Bare Earth	33184
1150	1945899.46	585531.54	3.57	3.995	0.43		Area 7 Profile 3 - Bare Earth	33184
G004	1955756.72	582960.72	7.23	8.425	1.19		Area 7 Profile 3 - Bare Earth	33184
0	1952517.73	560997.52	27.21	27.00	-0.21		Area 7 Profile 5 - Bare Earth	32879

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
50	1952509.45	560948.00	26.09	26.00	-0.09		Area 7 Profile 5 - Bare Earth	32879
100	1952499.43	560898.90	25.71	25.48	-0.23		Area 7 Profile 5 - Bare Earth	32879
150	1952486.91	560850.53	25.60	25.02	-0.59		Area 7 Profile 5 - Bare Earth	32879
200	1952468.91	560803.79	25.71	24.73	-0.98		Area 7 Profile 5 - Bare Earth	32879
250	1952445.77	560759.45	25.86	24.31	-1.55		Area 7 Profile 5 - Bare Earth	32879
300	1952419.15	560716.96	25.75	25.00	-0.75		Area 7 Profile 5 - Bare Earth	32879
350	1952392.34	560674.58	25.90	25.00	-0.90		Area 7 Profile 5 - Bare Earth	32879
400	1952364.80	560632.88	25.67	25.00	-0.67		Area 7 Profile 5 - Bare Earth	32879
450	1952336.90	560591.36	25.68	25.00	-0.68		Area 7 Profile 5 - Bare Earth	32879
500	1952309.47	560549.62	25.36	25.00	-0.36		Area 7 Profile 5 - Bare Earth	32879
550	1952282.75	560507.15	25.45	25.00	-0.45		Area 7 Profile 5 - Bare Earth	32879
600	1952258.50	560463.57	25.49	24.30	-1.19		Area 7 Profile 5 - Bare Earth	32879
650	1952237.60	560417.71	25.21	24.48	-0.73		Area 7 Profile 5 - Bare Earth	32879
700	1952214.01	560363.79	25.48	25.00	-0.48		Area 7 Profile 5 - Bare Earth	32879
750	1952171.99	560337.58	25.55	25.00	-0.55		Area 7 Profile 5 - Bare Earth	32879
800	1952122.13	560333.26	25.67	25.00	-0.67		Area 7 Profile 5 - Bare Earth	32879
850	1952072.41	560327.41	25.45	25.00	-0.45		Area 7 Profile 5 - Bare Earth	32879
900	1952022.50	560321.19	25.33	25.00	-0.33		Area 7 Profile 5 - Bare Earth	32879
950	1951973.29	560312.76	25.09	24.78	-0.31		Area 7 Profile 5 - Bare Earth	32879
1000	1951924.04	560303.96	24.83	24.23	-0.61		Area 7 Profile 5 - Bare Earth	32879
1050	1951874.79	560295.12	24.61	24.22	-0.39		Area 7 Profile 5 - Bare Earth	32879
1100	1951825.61	560286.51	24.46	24.00	-0.46		Area 7 Profile 5 - Bare Earth	32879
1150	1951776.04	560280.21	24.38	24.00	-0.38		Area 7 Profile 5 - Bare Earth	32879
1200	1951726.01	560279.72	24.50	24.00	-0.50		Area 7 Profile 5 - Bare Earth	32879
0	1949128.13	533973.01	34.51	34.00	-0.51		Area 7 Profile 6 - Bare Earth	33173
50	1949128.90	533922.88	34.57	34.24	-0.33		Area 7 Profile 6 - Bare Earth	33173
100	1949130.63	533872.98	34.66	34.31	-0.35		Area 7 Profile 6 - Bare Earth	33173
150	1949131.71	533823.04	34.69	35.00	0.31		Area 7 Profile 6 - Bare Earth	33173

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
200	1949132.95	533772.99	35.01	35.11	0.10		Area 7 Profile 6 - Bare Earth	33173
250	1949133.33	533723.03	35.13	35.13	-0.01		Area 7 Profile 6 - Bare Earth	33173
300	1949134.05	533673.11	35.11	35.14	0.02		Area 7 Profile 6 - Bare Earth	33173
350	1949135.40	533623.12	35.09	35.22	0.13		Area 7 Profile 6 - Bare Earth	33173
400	1949136.58	533573.02	35.01	35.22	0.21		Area 7 Profile 6 - Bare Earth	33173
450	1949140.15	533523.08	35.08	35.22	0.14		Area 7 Profile 6 - Bare Earth	33173
500	1949149.43	533474.02	34.63	35.00	0.37		Area 7 Profile 6 - Bare Earth	33173
550	1949171.28	533428.95	34.09	34.28	0.18		Area 7 Profile 6 - Bare Earth	33173
600	1949207.94	533394.94	33.52	33.70	0.19		Area 7 Profile 6 - Bare Earth	33173
650	1949253.89	533375.45	33.33	33.29	-0.04		Area 7 Profile 6 - Bare Earth	33173
700	1949302.72	533364.29	33.93	34.00	0.07		Area 7 Profile 6 - Bare Earth	33173
750	1949352.74	533362.39	34.04	34.00	-0.04		Area 7 Profile 6 - Bare Earth	33173
800	1949402.71	533361.45	34.28	34.00	-0.28		Area 7 Profile 6 - Bare Earth	33173
850	1949452.78	533360.83	34.37	34.00	-0.37		Area 7 Profile 6 - Bare Earth	33173
900	1949502.82	533360.30	34.65	34.00	-0.65		Area 7 Profile 6 - Bare Earth	33173
950	1949552.92	533360.12	34.43	34.00	-0.43		Area 7 Profile 6 - Bare Earth	33173
1000	1949602.83	533359.51	34.87	34.00	-0.87		Area 7 Profile 6 - Bare Earth	33173
1050	1949653.05	533358.78	34.63	34.00	-0.63		Area 7 Profile 6 - Bare Earth	33173
1100	1949703.18	533358.10	34.47	34.00	-0.47		Area 7 Profile 6 - Bare Earth	33173
1150	1949753.19	533357.39	34.46	34.00	-0.46		Area 7 Profile 6 - Bare Earth	33173
1200	1949803.36	533356.13	34.30	34.00	-0.30		Area 7 Profile 6 - Bare Earth	33173
0	1960907.35	524439.80	34.08	33.68	-0.40		Area 7 Profile 7 - Bare Earth	33271
50	1960956.78	524444.45	33.83	33.00	-0.83		Area 7 Profile 7 - Bare Earth	33271
100	1961006.10	524449.68	33.88	35.00	1.12		Area 7 Profile 7 - Bare Earth	33271
150	1961055.61	524454.95	33.93	33.00	-0.93		Area 7 Profile 7 - Bare Earth	33271
200	1961105.16	524459.43	33.43	33.01	-0.42		Area 7 Profile 7 - Bare Earth	33271
250	1961154.81	524463.42	33.77	33.00	-0.77		Area 7 Profile 7 - Bare Earth	33271
300	1961204.62	524465.91	34.04	34.00	-0.04		Area 7 Profile 7 - Bare Earth	33271

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
350	1961254.30	524462.09	34.18	34.00	-0.18		Area 7 Profile 7 - Bare Earth	33271
400	1961303.35	524453.49	34.87	34.00	-0.87		Area 7 Profile 7 - Bare Earth	33271
450	1961352.37	524443.99	35.08	34.96	-0.12		Area 7 Profile 7 - Bare Earth	33271
500	1961401.49	524435.22	34.28	34.80	0.52		Area 7 Profile 7 - Bare Earth	33271
550	1961450.36	524426.04	34.05	34.80	0.75		Area 7 Profile 7 - Bare Earth	33271
600	1961499.11	524416.10	34.57	34.80	0.23		Area 7 Profile 7 - Bare Earth	33271
650	1961547.94	524406.00	35.42	35.00	-0.42		Area 7 Profile 7 - Bare Earth	33271
700	1961596.70	524396.09	34.96	34.97	0.01		Area 7 Profile 7 - Bare Earth	33271
750	1961645.55	524386.90	34.48	34.80	0.32		Area 7 Profile 7 - Bare Earth	33271
800	1961694.46	524377.40	34.04	33.07	-0.97		Area 7 Profile 7 - Bare Earth	33271
850	1961743.76	524368.94	34.44	36.50	2.05		Area 7 Profile 7 - Bare Earth	33271
900	1961792.58	524358.20	34.22	35.79	1.57		Area 7 Profile 7 - Bare Earth	33271
950	1961839.40	524341.45	34.20	35.58	1.38		Area 7 Profile 7 - Bare Earth	33271
1000	1961881.43	524314.73	34.33	34.00	-0.33		Area 7 Profile 7 - Bare Earth	33271
1050	1961918.44	524281.69	34.41	34.00	-0.41		Area 7 Profile 7 - Bare Earth	33271
1100	1961954.72	524247.55	34.62	34.00	-0.62		Area 7 Profile 7 - Bare Earth	33271
1150	1961990.58	524213.03	35.09	35.00	-0.09		Area 7 Profile 7 - Bare Earth	33271
1200	1962026.73	524178.71	34.69	34.27	-0.42		Area 7 Profile 7 - Bare Earth	33271
0	1987253.29	527614.91	37.24	37.00	-0.24		Area 7 Profile 8 - Bare Earth	30772
50	1987206.90	527634.20	37.27	37.00	-0.27		Area 7 Profile 8 - Bare Earth	30772
100	1987160.47	527652.88	37.28	37.00	-0.28		Area 7 Profile 8 - Bare Earth	30772
150	1987114.02	527671.54	37.06	37.00	-0.06		Area 7 Profile 8 - Bare Earth	30772
200	1987067.44	527690.21	36.95	37.00	0.05		Area 7 Profile 8 - Bare Earth	30772
250	1987021.11	527708.97	36.97	37.00	0.03		Area 7 Profile 8 - Bare Earth	30772
300	1986974.57	527727.74	36.97	37.00	0.03		Area 7 Profile 8 - Bare Earth	30772
350	1986928.20	527746.50	36.82	36.51	-0.31		Area 7 Profile 8 - Bare Earth	30772
400	1986881.81	527765.64	36.74	36.42	-0.33		Area 7 Profile 8 - Bare Earth	30772
450	1986835.63	527785.25	36.67	36.38	-0.29		Area 7 Profile 8 - Bare Earth	30772

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
500	1986789.07	527804.07	36.77	37.00	0.23		Area 7 Profile 8 - Bare Earth	30772
550	1986742.47	527822.37	36.99	37.00	0.01		Area 7 Profile 8 - Bare Earth	30772
600	1986695.60	527839.97	37.15	37.00	-0.15		Area 7 Profile 8 - Bare Earth	30772
650	1986649.65	527857.18	37.14	37.00	-0.14		Area 7 Profile 8 - Bare Earth	30772
700	1986602.33	527874.02	37.05	37.00	-0.05		Area 7 Profile 8 - Bare Earth	30772
750	1986555.55	527891.81	36.91	37.00	0.09		Area 7 Profile 8 - Bare Earth	30772
800	1986508.82	527909.47	36.61	37.00	0.39		Area 7 Profile 8 - Bare Earth	30772
850	1986462.32	527928.21	36.80	37.00	0.20		Area 7 Profile 8 - Bare Earth	30772
900	1986416.19	527948.03	36.93	37.00	0.07		Area 7 Profile 8 - Bare Earth	30772
950	1986370.54	527969.68	36.96	37.00	0.04		Area 7 Profile 8 - Bare Earth	30772
1000	1986325.81	527992.33	37.03	37.00	-0.03		Area 7 Profile 8 - Bare Earth	30772
1050	1986281.64	528015.81	37.00	37.00	0.00		Area 7 Profile 8 - Bare Earth	30772
1100	1986237.12	528039.21	37.17	37.00	-0.17		Area 7 Profile 8 - Bare Earth	30772
1150	1986192.77	528062.46	37.22	37.00	-0.22		Area 7 Profile 8 - Bare Earth	30772
1200	1986148.75	528085.17	37.15	37.00	-0.15		Area 7 Profile 8 - Bare Earth	30772
0	1971400.75	554052.16	24.99	25.95	0.96		Area 7 Profile 9 - Bare Earth	31677
50	1971350.51	554052.34	24.89	25.75	0.86		Area 7 Profile 9 - Bare Earth	31677
100	1971300.87	554052.59	24.83	25.51	0.68		Area 7 Profile 9 - Bare Earth	31677
150	1971201.10	554053.21	24.86	25.34	0.48		Area 7 Profile 9 - Bare Earth	31677
200	1971150.86	554053.46	24.72	25.24	0.52		Area 7 Profile 9 - Bare Earth	31677
250	1971100.95	554053.62	24.98	25.23	0.25		Area 7 Profile 9 - Bare Earth	31677
300	1971050.96	554053.94	24.92	25.24	0.31		Area 7 Profile 9 - Bare Earth	31677
350	1971000.69	554054.11	25.13	25.27	0.14		Area 7 Profile 9 - Bare Earth	31677
400	1970950.63	554054.30	25.65	25.34	-0.31		Area 7 Profile 9 - Bare Earth	31677
450	1970900.84	554054.65	25.49	25.40	-0.09		Area 7 Profile 9 - Bare Earth	31677
500	1970850.74	554055.00	25.06	25.47	0.41		Area 7 Profile 9 - Bare Earth	31677
550	1970800.54	554055.26	24.95	25.50	0.55		Area 7 Profile 9 - Bare Earth	31677
600	1970750.42	554055.40	24.85	25.50	0.65		Area 7 Profile 9 - Bare Earth	31677

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
650	1970700.40	554055.80	25.14	25.50	0.36		Area 7 Profile 9 - Bare Earth	31677
700	1970650.46	554056.05	25.23	25.50	0.27		Area 7 Profile 9 - Bare Earth	31677
750	1970600.20	554056.15	25.01	25.48	0.47		Area 7 Profile 9 - Bare Earth	31677
800	1970549.93	554056.69	26.01	25.44	-0.57		Area 7 Profile 9 - Bare Earth	31677
850	1970499.83	554056.95	25.40	25.39	-0.01		Area 7 Profile 9 - Bare Earth	31677
900	1970449.84	554057.04	25.37	25.33	-0.04		Area 7 Profile 9 - Bare Earth	31677
950	1970399.89	554057.18	25.12	25.34	0.22		Area 7 Profile 9 - Bare Earth	31677
1000	1970349.77	554057.47	25.25	25.44	0.19		Area 7 Profile 9 - Bare Earth	31677
1050	1970299.76	554057.85	25.36	25.54	0.18		Area 7 Profile 9 - Bare Earth	31677
1100	1970249.70	554058.08	25.19	25.56	0.37		Area 7 Profile 9 - Bare Earth	31677
1150	1970199.60	554058.38	24.69	25.42	0.73		Area 7 Profile 9 - Bare Earth	31677
1200	1970149.60	554058.87	25.52	25.35	-0.17		Area 7 Profile 9 - Bare Earth	31677
EP	2056048.70	488450.85	21.66	21.40	-0.26		Area 1 Profile 1- Low Grass	26564
CLR	2056058.04	488458.01	21.98	21.75	-0.23		Area 1 Profile 1- Low Grass	26564
EP	2056066.93	488465.98	21.89	21.45	-0.44		Area 1 Profile 1- Low Grass	26564
TB	2056071.44	488467.76	21.53	21.11	-0.42		Area 1 Profile 1- Low Grass	26564
BOT	2056079.97	488474.73	19.38	19.96	0.58		Area 1 Profile 1- Low Grass	26564
TB	2056085.30	488479.53	20.78	20.12	-0.66		Area 1 Profile 1- Low Grass	26564
0	2056087.71	488482.74	20.99	20.25	-0.73		Area 1 Profile 1- Low Grass	26564
50	2056129.53	488510.18	21.12	21.20	0.08		Area 1 Profile 1- Low Grass	26564
100	2056171.22	488537.51	21.61	21.74	0.13		Area 1 Profile 1- Low Grass	26564
150	2056212.86	488564.63	22.20	22.03	-0.18		Area 1 Profile 1- Low Grass	26564
200	2056254.24	488592.03	22.43	22.42	-0.01		Area 1 Profile 1- Low Grass	26564
250	2056295.59	488619.41	22.81	22.82	0.01		Area 1 Profile 1- Low Grass	26564
300	2056337.12	488646.44	23.17	23.00	-0.17		Area 1 Profile 1- Low Grass	26564
350	2056378.64	488673.68	23.35	23.34	-0.01		Area 1 Profile 1- Low Grass	26564
400	2056420.16	488700.74	23.66	23.80	0.14		Area 1 Profile 1- Low Grass	26564
450	2056461.54	488727.49	24.53	23.34	-1.19		Area 1 Profile 1- Low Grass	26564

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
500	2056503.22	488754.87	24.30	24.00	-0.30		Area 1 Profile 1- Low Grass	26564
550	2056544.92	488781.83	24.70	24.16	-0.54		Area 1 Profile 1- Low Grass	26564
600	2056586.21	488809.29	24.50	24.35	-0.15		Area 1 Profile 1- Low Grass	26564
650	2056627.82	488836.61	24.51	24.56	0.05		Area 1 Profile 1- Low Grass	26564
700	2056668.91	488864.19	24.70	24.87	0.17		Area 1 Profile 1- Low Grass	26564
750	2056710.17	488891.58	24.80	25.00	0.20		Area 1 Profile 1- Low Grass	26564
800	2056751.74	488919.04	25.04	25.00	-0.04		Area 1 Profile 1- Low Grass	26564
850	2056793.33	488946.51	25.10	25.00	-0.10		Area 1 Profile 1- Low Grass	26564
900	2056835.03	488973.37	24.97	25.15	0.18		Area 1 Profile 1- Low Grass	26564
950	2056876.62	489000.83	25.25	25.19	-0.06		Area 1 Profile 1- Low Grass	26564
1000	2056918.21	489028.79	25.43	25.16	-0.26		Area 1 Profile 1- Low Grass	26564
1050	2056959.25	489056.49	25.53	25.30	-0.23		Area 1 Profile 1- Low Grass	26564
1100	2057000.48	489084.17	25.42	25.53	0.11		Area 1 Profile 1- Low Grass	26564
1150	2057041.92	489111.76	25.43	25.32	-0.10		Area 1 Profile 1- Low Grass	26564
1200	2057083.38	489139.38	25.29	25.25	-0.04		Area 1 Profile 1- Low Grass	26564
EP	2049860.59	496539.10	22.38	22.35	-0.03		Area 1 Profile 2 - Low Grass	27166
CLR	2049877.28	496544.74	22.92	22.81	-0.11		Area 1 Profile 2 - Low Grass	27166
EP	2049894.00	496550.16	22.40	22.40	0.00		Area 1 Profile 2 - Low Grass	27166
TB	2049901.05	496552.19	21.83	21.91	0.08		Area 1 Profile 2 - Low Grass	27166
BOT	2049913.90	496556.80	19.86	21.00	1.14		Area 1 Profile 2 - Low Grass	27166
TB	2049922.17	496559.73	20.39	21.00	0.61		Area 1 Profile 2 - Low Grass	27166
0	2049966.92	496574.39	21.57	21.61	0.04		Area 1 Profile 2 - Low Grass	27166
50	2050014.39	496590.29	21.86	22.35	0.48		Area 1 Profile 2 - Low Grass	26866
100	2050061.65	496606.28	21.95	22.00	0.05		Area 1 Profile 2 - Low Grass	26866
150	2050108.84	496622.21	22.39	22.21	-0.18		Area 1 Profile 2 - Low Grass	26866
200	2050155.95	496638.14	22.45	22.46	0.01		Area 1 Profile 2 - Low Grass	26866
250	2050202.99	496654.02	22.61	22.70	0.09		Area 1 Profile 2 - Low Grass	26866
300	2050250.19	496670.10	22.70	22.94	0.25		Area 1 Profile 2 - Low Grass	26866

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
350	2050297.44	496685.92	22.66	23.00	0.34		Area 1 Profile 2 - Low Grass	26866
400	2050344.45	496701.96	22.82	23.00	0.18		Area 1 Profile 2 - Low Grass	26866
450	2050391.66	496717.81	22.89	23.00	0.11		Area 1 Profile 2 - Low Grass	26866
500	2050438.80	496733.25	23.01	23.05	0.04		Area 1 Profile 2 - Low Grass	26866
550	2050485.94	496748.96	23.12	23.14	0.02		Area 1 Profile 2 - Low Grass	26866
600	2050533.06	496764.92	23.34	23.23	-0.11		Area 1 Profile 2 - Low Grass	26866
650	2050580.22	496780.69	23.36	23.33	-0.03		Area 1 Profile 2 - Low Grass	26866
700	2050627.16	496796.78	23.47	23.52	0.06		Area 1 Profile 2 - Low Grass	26866
750	2050674.28	496812.68	23.61	23.72	0.11		Area 1 Profile 2 - Low Grass	26866
800	2050721.41	496828.30	23.72	23.89	0.17		Area 1 Profile 2 - Low Grass	26866
850	2050768.31	496844.23	23.94	24.00	0.06		Area 1 Profile 2 - Low Grass	26866
900	2050815.77	496860.16	23.74	24.00	0.26		Area 1 Profile 2 - Low Grass	26866
950	2050862.79	496876.12	23.88	24.00	0.12		Area 1 Profile 2 - Low Grass	26866
1000	2050909.75	496892.41	23.92	24.00	0.08		Area 1 Profile 2 - Low Grass	26866
1050	2050956.80	496908.33	24.13	24.00	-0.13		Area 1 Profile 2 - Low Grass	26866
1100	2051004.01	496924.36	24.17	24.00	-0.17		Area 1 Profile 2 - Low Grass	26866
1150	2051050.97	496940.49	24.18	24.10	-0.08		Area 1 Profile 2 - Low Grass	26866
1200	2051098.06	496956.46	24.39	24.33	-0.06		Area 1 Profile 2 - Low Grass	26866
Mar-60	2042840.79	547613.11	8.31	8.43	0.12		Area 2 Profile 4 - Low Grass	27476
0	2042857.46	547650.74	9.45	9.09	-0.35		Area 2 Profile 4 - Low Grass	27476
50	2042901.27	547627.61	9.52	9.17	-0.35		Area 2 Profile 4 - Low Grass	27476
100	2042945.24	547604.57	9.41	9.19	-0.22		Area 2 Profile 4 - Low Grass	27476
150	2042989.18	547580.83	9.46	9.15	-0.31		Area 2 Profile 4 - Low Grass	27476
200	2043033.15	547557.41	9.54	9.19	-0.35		Area 2 Profile 4 - Low Grass	27476
250	2043076.99	547533.69	9.53	9.15	-0.38		Area 2 Profile 4 - Low Grass	27476
300	2043121.06	547510.90	9.57	9.28	-0.29		Area 2 Profile 4 - Low Grass	27476
350	2043164.63	547487.27	9.70	9.33	-0.37		Area 2 Profile 4 - Low Grass	27476
400	2043208.80	547464.46	9.60	9.39	-0.21		Area 2 Profile 4 - Low Grass	27476

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
450	2043252.64	547441.34	9.65	9.40	-0.26		Area 2 Profile 4 - Low Grass	27476
500	2043296.42	547417.80	9.72	9.38	-0.34		Area 2 Profile 4 - Low Grass	27476
550	2043340.09	547394.17	9.70	9.37	-0.33		Area 2 Profile 4 - Low Grass	27476
600	2043384.00	547370.69	9.76	9.34	-0.41		Area 2 Profile 4 - Low Grass	27476
650	2043428.27	547348.03	9.85	9.45	-0.41		Area 2 Profile 4 - Low Grass	27476
700	2043472.18	547324.77	9.70	9.45	-0.25		Area 2 Profile 4 - Low Grass	27476
750	2043516.05	547301.43	9.93	9.48	-0.45		Area 2 Profile 4 - Low Grass	27476
800	2043559.68	547278.05	9.96	9.52	-0.44		Area 2 Profile 4 - Low Grass	27476
850	2043603.67	547254.73	9.88	9.52	-0.36		Area 2 Profile 4 - Low Grass	27476
900	2043648.09	547232.01	10.07	9.61	-0.46		Area 2 Profile 4 - Low Grass	27476
950	2043692.03	547208.79	10.04	9.61	-0.42		Area 2 Profile 4 - Low Grass	27476
1000	2043735.80	547184.84	9.88	9.53	-0.35		Area 2 Profile 4 - Low Grass	27476
1050	2043779.40	547160.98	9.99	9.47	-0.51		Area 2 Profile 4 - Low Grass	27476
1100	2043823.23	547137.44	9.91	9.41	-0.50		Area 2 Profile 4 - Low Grass	27476
1150	2043867.32	547114.47	9.95	9.52	-0.43		Area 2 Profile 4 - Low Grass	27476
1200	2043911.36	547091.10	10.22	9.56	-0.66		Area 2 Profile 4 - Low Grass	27476
0	1987420.12	535180.39	43.78	43.82	0.04		Area 2 Profile 7 - Low Grass	30774
50	1987371.49	535191.14	43.21	43.44	0.22		Area 2 Profile 4 - Low Grass	30774
100	1987322.68	535202.23	42.80	43.11	0.31		Area 2 Profile 4 - Low Grass	30774
150	1987273.86	535212.97	42.96	43.00	0.04		Area 2 Profile 4 - Low Grass	30774
200	1987225.03	535223.77	42.95	43.09	0.14		Area 2 Profile 4 - Low Grass	30774
250	1987176.17	535234.38	43.08	43.18	0.10		Area 2 Profile 4 - Low Grass	30774
300	1987127.32	535245.13	43.69	43.67	-0.02		Area 2 Profile 4 - Low Grass	30774
350	1987078.47	535255.79	44.40	44.00	-0.40		Area 2 Profile 4 - Low Grass	30774
400	1987029.59	535266.52	44.82	44.50	-0.32		Area 2 Profile 4 - Low Grass	30774
450	1986980.87	535277.27	44.81	44.96	0.15		Area 2 Profile 4 - Low Grass	30774
500	1986932.04	535288.08	45.99	46.00	0.01		Area 2 Profile 4 - Low Grass	30774
550	1986883.27	535298.92	47.08	47.00	-0.08		Area 2 Profile 4 - Low Grass	30774

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
600	1986834.47	535309.73	47.82	47.78	-0.04		Area 2 Profile 4 - Low Grass	30774
650	1986785.49	535319.98	48.26	48.11	-0.15		Area 2 Profile 4 - Low Grass	30774
700	1986736.70	535330.68	48.92	48.91	-0.02		Area 2 Profile 4 - Low Grass	30774
750	1986687.96	535341.31	49.69	49.00	-0.69		Area 2 Profile 4 - Low Grass	30774
800	1986639.19	535351.78	47.93	47.80	-0.13		Area 2 Profile 4 - Low Grass	30774
850	1986590.29	535362.40	47.14	47.00	-0.14		Area 2 Profile 4 - Low Grass	30774
900	1986541.54	535373.11	45.84	45.85	0.01		Area 2 Profile 4 - Low Grass	30774
950	1986492.63	535383.66	45.73	45.00	-0.73		Area 2 Profile 4 - Low Grass y	30774
1000	1986443.76	535394.34	45.38	45.00	-0.38		Area 2 Profile 4 - Low Grass	30774
1050	1986394.86	535404.83	45.97	45.91	-0.05		Area 2 Profile 4 - Low Grass	30774
1100	1986346.16	535415.40	47.54	47.46	-0.07		Area 2 Profile 4 - Low Grass	30774
1150	1986297.25	535425.74	47.98	47.65	-0.34		Area 2 Profile 4 - Low Grass	30774
1200	1986248.38	535436.38	46.50	46.44	-0.06		Area 2 Profile 4 - Low Grass	30774
0	1988295.82	484274.99	5.78	5.98	0.20		Area 3 Profile 4 - Low Grass	30763
50	1988342.26	484255.22	5.54	6.18	0.64		Area 3 Profile 4 - Low Grass	30763
100	1988388.37	484235.37	6.41	6.66	0.26		Area 3 Profile 4 - Low Grass	30763
150	1988434.20	484215.16	6.57	6.99	0.43		Area 3 Profile 4 - Low Grass	30763
200	1988479.62	484195.74	6.66	7.00	0.34		Area 3 Profile 4 - Low Grass	30763
250	1988525.55	484175.80	6.90	7.10	0.21		Area 3 Profile 4 - Low Grass	30763
300	1988570.90	484155.52	7.32	7.71	0.39		Area 3 Profile 4 - Low Grass	30763
350	1988616.18	484135.20	8.19	8.01	-0.18		Area 3 Profile 4 - Low Grass	30763
400	1988662.26	484115.62	7.89	8.51	0.63		Area 3 Profile 4 - Low Grass	30763
450	1988707.73	484096.00	8.38	8.89	0.52		Area 3 Profile 4 - Low Grass	30763
500	1988753.26	484076.21	8.55	9.00	0.45		Area 3 Profile 4 - Low Grass	30763
550	1988798.89	484056.22	8.83	9.22	0.39		Area 3 Profile 4 - Low Grass	30763
600	1988844.61	484036.37	8.99	9.49	0.49		Area 3 Profile 4 - Low Grass	30763
650	1988890.09	484016.00	9.28	9.87	0.59		Area 3 Profile 4 - Low Grass	30763
700	1988935.75	483995.89	9.34	10.00	0.66		Area 3 Profile 4 - Low Grass	30763

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
750	1988981.18	483975.61	10.92	10.00	-0.92		Area 3 Profile 4 - Low Grass	30763
800	1989026.65	483955.68	10.50	10.00	-0.50		Area 3 Profile 4 - Low Grass	30763
850	1989072.06	483935.77	10.62	10.00	-0.62		Area 3 Profile 4 - Low Grass	30763
900	1989087.05	483983.30	10.49	10.00	-0.49		Area 3 Profile 4 - Low Grass	30763
950	1989103.39	484029.90	9.81	10.00	0.19		Area 3 Profile 4 - Low Grass	30763
1000	1989119.86	484076.18	9.14	9.83	0.69		Area 3 Profile 4 - Low Grass	30763
1050	1989136.31	484122.53	8.57	9.36	0.80		Area 3 Profile 4 - Low Grass	30763
1100	1989153.27	484169.22	9.27	9.57	0.30		Area 3 Profile 4 - Low Grass	30763
1150	1989169.07	484215.30	8.78	9.87	1.10		Area 3 Profile 4 - Low Grass	30763
1200	1989185.77	484261.30	9.69	10.00	0.31		Area 3 Profile 4 - Low Grass	30763
0	2130597.67	525077.62	9.23	9.24	0.01		Area 4 Profile 4 - Low Grass	22072
50	2130596.18	525027.70	9.49	9.90	0.41		Area 4 Profile 4 - Low Grass	22072
100	2130594.67	524978.51	10.38	10.00	-0.38		Area 4 Profile 4 - Low Grass	22071
150	2130593.98	524929.36	10.19	10.00	-0.19		Area 4 Profile 4 - Low Grass	22071
200	2130592.60	524879.26	9.62	10.00	0.38		Area 4 Profile 4 - Low Grass	22071
250	2130592.97	524829.50	10.11	10.14	0.03		Area 4 Profile 4 - Low Grass	22071
300	2130592.12	524779.64	10.80	10.83	0.04		Area 4 Profile 4 - Low Grass	22071
350	2130591.30	524729.91	11.75	11.59	-0.16		Area 4 Profile 4 - Low Grass	22071
400	2130590.50	524679.50	11.25	11.00	-0.25		Area 4 Profile 4 - Low Grass	22071
450	2130588.32	524630.48	11.39	11.62	0.23		Area 4 Profile 4 - Low Grass	22071
500	2130587.96	524579.96	12.48	12.46	-0.02		Area 4 Profile 4 - Low Grass	22071
550	2130586.80	524533.63	12.02	12.00	-0.02		Area 4 Profile 4 - Low Grass	22071
600	2130585.82	524484.06	12.22	12.00	-0.22		Area 4 Profile 4 - Low Grass	22071
650	2130589.80	524428.89	12.15	12.00	-0.15		Area 4 Profile 4 - Low Grass	22071
700	2130586.43	524379.22	12.50	12.00	-0.50		Area 4 Profile 4 - Low Grass	22071
750	2130585.50	524329.46	12.56	12.42	-0.14		Area 4 Profile 4 - Low Grass	22071
800	2130582.57	524282.55	13.12	13.00	-0.12		Area 4 Profile 4 - Low Grass	22071
850	2130587.63	524232.01	14.27	13.62	-0.65		Area 4 Profile 4 - Low Grass	22071

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
900	2130587.15	524181.34	14.31	14.00	-0.31		Area 4 Profile 4 - Low Grass	22071
950	2130587.14	524132.78	14.73	14.70	-0.04		Area 4 Profile 4 - Low Grass	22071
1000	2130584.83	524084.29	15.77	15.00	-0.77		Area 4 Profile 4 - Low Grass	22071
1050	2130584.16	524033.25	15.21	15.00	-0.21		Area 4 Profile 4 - Low Grass	22071
1100	2130583.22	523979.49	15.18	15.00	-0.18		Area 4 Profile 4 - Low Grass	22071
1150	2130581.32	523933.52	15.39	15.00	-0.39		Area 4 Profile 4 - Low Grass	22071
1200	2130580.28	523875.32	15.31	14.89	-0.42		Area 4 Profile 4 - Low Grass	22071
0	2130447.06	540372.16	8.92	8.69	-0.23		Area 4 Profile 5 - Low Grass	22075
50	2130495.40	540360.85	9.09	8.77	-0.32		Area 4 Profile 5 - Low Grass	22075
100	2130543.88	540349.90	9.26	8.84	-0.41		Area 4 Profile 5 - Low Grass	22075
150	2130592.77	540339.14	9.22	8.95	-0.26		Area 4 Profile 5 - Low Grass	22075
200	2130641.39	540328.41	9.15	8.87	-0.29		Area 4 Profile 5 - Low Grass	22075
250	2130690.63	540317.62	9.15	8.73	-0.43		Area 4 Profile 5 - Low Grass	22075
300	2130740.23	540307.19	8.99	8.66	-0.34		Area 4 Profile 5 - Low Grass	22075
350	2130789.45	540296.82	8.86	8.57	-0.29		Area 4 Profile 5 - Low Grass	22075
400	2130838.45	540286.42	8.90	8.58	-0.31		Area 4 Profile 5 - Low Grass	22075
450	2130887.46	540275.92	8.80	8.60	-0.19		Area 4 Profile 5 - Low Grass	22075
500	2130936.40	540265.41	8.74	8.45	-0.29		Area 4 Profile 5 - Low Grass	22075
550	2130985.74	540254.80	8.74	8.48	-0.26		Area 4 Profile 5 - Low Grass	22075
600	2131035.03	540244.26	8.71	8.54	-0.17		Area 4 Profile 5 - Low Grass	22075
650	2131084.21	540233.73	8.75	8.51	-0.24		Area 4 Profile 5 - Low Grass	22075
700	2131133.59	540223.01	8.89	8.69	-0.20		Area 4 Profile 5 - Low Grass	22075
750	2131182.63	540212.48	8.99	8.78	-0.21		Area 4 Profile 5 - Low Grass	22075
800	2131231.77	540201.98	8.99	8.77	-0.23		Area 4 Profile 5 - Low Grass	22075
850	2131280.93	540191.24	9.02	8.76	-0.26		Area 4 Profile 5 - Low Grass	22075
900	2131330.12	540180.92	9.05	8.99	-0.06		Area 4 Profile 5 - Low Grass	22075
950	2131379.99	540172.72	9.05	8.87	-0.18		Area 4 Profile 5 - Low Grass	22075
1000	2131430.65	540166.94	9.13	9.00	-0.13		Area 4 Profile 5 - Low Grass	22075

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
1050	2131480.77	540163.41	9.13	9.00	-0.13		Area 4 Profile 5 - Low Grass	22075
1100	2131531.52	540162.09	9.05	9.05	0.00		Area 4 Profile 5 - Low Grass	22075
1150	2131582.18	540164.04	9.04	9.06	0.01		Area 4 Profile 5 - Low Grass	22075
1200	2131633.04	540168.68	9.05	8.93	-0.12		Area 4 Profile 5 - Low Grass	22075
0	2148387.31	518796.51	21.04	22.05	1.01		Area 4 Profile 7 - Low Grass	20870
50	2148338.57	518812.26	21.20	20.45	-0.75		Area 4 Profile 7 - Low Grass	20870
100	2148291.38	518826.72	19.52	19.21	-0.30		Area 4 Profile 7 - Low Grass	20870
150	2148243.45	518841.96	19.05	18.35	-0.70		Area 4 Profile 7 - Low Grass	20870
200	2148195.03	518855.61	16.52	16.32	-0.20		Area 4 Profile 7 - Low Grass	20870
250TA	2148146.35	518870.67	14.18	14.00	-0.18		Area 4 Profile 7 - Low Grass	20870
300TA	2148097.74	518885.84	14.16	13.85	-0.31		Area 4 Profile 7 - Low Grass	20870
350	2148049.34	518901.65	13.87	13.00	-0.87		Area 4 Profile 7 - Low Grass	20870
400	2148001.25	518917.44	13.42	13.00	-0.42		Area 4 Profile 7 - Low Grass	20870
450	2147953.35	518932.43	12.77	12.47	-0.31		Area 4 Profile 7 - Low Grass	20870
500	2147905.71	518947.89	12.80	12.59	-0.21		Area 4 Profile 7 - Low Grass	20870
550	2147858.06	518963.86	11.79	11.56	-0.24		Area 4 Profile 7 - Low Grass	20870
600	2147810.83	518979.81	13.34	13.00	-0.34		Area 4 Profile 7 - Low Grass	20870
650TA	2147762.82	518994.82	12.93	12.57	-0.35		Area 4 Profile 7 - Low Grass	20870
700TA	2147715.22	519011.10	11.57	11.35	-0.22		Area 4 Profile 7 - Low Grass	20870
750	2147666.35	519025.20	11.54	11.36	-0.18		Area 4 Profile 7 - Low Grass	20870
800	2147619.18	519040.53	14.08	13.82	-0.26		Area 4 Profile 7 - Low Grass	20870
850	2147579.46	519072.79	15.98	15.00	-0.98		Area 4 Profile 7 - Low Grass	20870
900	2147536.67	519100.69	13.64	13.70	0.07		Area 4 Profile 7 - Low Grass	20870
950	2147492.04	519125.68	11.91	12.38	0.48		Area 4 Profile 7 - Low Grass	20870
1000	2147454.19	519092.18	12.85	12.87	0.02		Area 4 Profile 7 - Low Grass	20870
1050	2147416.44	519058.33	12.68	12.31	-0.37		Area 4 Profile 7 - Low Grass	20870
1150TA	2147379.16	519023.74	13.84	13.00	-0.84		Area 4 Profile 7 - Low Grass	20870
1200	2147338.60	518991.18	14.80	14.56	-0.24		Area 4 Profile 7 - Low Grass	20870

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
0	2077157.86	483055.564	32.09	32.09	-0.01		Area 5 Profile 6 - Low Grass	25363
50	2077110.95	483069.521	28.78	29.00	0.22		Area 5 Profile 6 - Low Grass	25363
100	2077063.44	483083.537	26.93	27.00	0.07		Area 5 Profile 6 - Low Grass	25363
150	2077015.93	483097.598	25.16	25.30	0.15		Area 5 Profile 6 - Low Grass	25363
200	2076968.52	483111.957	23.56	23.54	-0.02		Area 5 Profile 6 - Low Grass	25363
250	2076920.55	483126.439	24.53	24.60	0.07		Area 5 Profile 6 - Low Grass	25363
300	2076872.85	483140.672	27.61	27.58	-0.03		Area 5 Profile 6 - Low Grass	25363
350	2076825.22	483154.578	26.73	26.80	0.06		Area 5 Profile 6 - Low Grass	25363
400	2076777.58	483168.534	26.20	26.10	-0.10		Area 5 Profile 6 - Low Grass	25363
450	2076729.99	483182.239	28.57	28.65	0.08		Area 5 Profile 6 - Low Grass	25363
500	2076681.56	483192.448	26.05	26.09	0.04		Area 5 Profile 6 - Low Grass	25363
550	2076632.63	483202.856	24.54	24.57	0.03		Area 5 Profile 6 - Low Grass	25363
600	2076584.30	483213.077	23.39	24.00	0.61		Area 5 Profile 6 - Low Grass	25363
650	2076535.48	483223.351	24.34	24.41	0.07		Area 5 Profile 6 - Low Grass	25363
700	2076486.78	483233.384	23.87	24.00	0.13		Area 5 Profile 6 - Low Grass	25363
750	2076438.51	483243.535	26.58	26.76	0.18		Area 5 Profile 6 - Low Grass	25363
800	2076390.08	483253.540	24.20	24.33	0.14		Area 5 Profile 6 - Low Grass	25363
850	2076341.39	483263.343	23.01	23.23	0.22		Area 5 Profile 6 - Low Grass	25363
900	2076292.52	483273.113	27.06	27.14	0.08		Area 5 Profile 6 - Low Grass	25363
950	2076243.69	483283.323	27.00	27.03	0.04		Area 5 Profile 6 - Low Grass	25363
1000	2076195.23	483293.130	25.66	25.76	0.10		Area 5 Profile 6 - Low Grass	25363
1050	2076146.90	483303.307	23.67	23.81	0.13		Area 5 Profile 6 - Low Grass	25363
1100	2076098.48	483313.573	23.80	23.90	0.11		Area 5 Profile 6 - Low Grass	25363
1150	2076049.97	483323.792	27.63	27.53	-0.11		Area 5 Profile 6 - Low Grass	25363
1200	2076001.13	483334.215	27.93	27.98	0.04		Area 5 Profile 6 - Low Grass	25363
0	2053026.91	510727.41	30.07	30.43	0.35		Area 1 Profile 4 - Urban/Hard Surface	26869
50	2053049.76	510682.37	29.34	29.51	0.17		Area 1 Profile 4 - Urban/Hard Surface	26869
100	2053072.38	510637.77	29.13	29.00	-0.13		Area 1 Profile 4 - Urban/Hard Surface	26869

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
150	2053094.51	510593.04	28.92	29.00	0.08		Area 1 Profile 4 - Urban/Hard Surface	26869
200	2053116.88	510548.19	29.00	29.00	0.00		Area 1 Profile 4 - Urban/Hard Surface	26869
250	2053139.85	510503.60	28.72	29.00	0.28		Area 1 Profile 4 - Urban/Hard Surface	26869
300	2053162.95	510458.77	28.55	29.00	0.45		Area 1 Profile 4 - Urban/Hard Surface	26869
350	2053186.07	510413.93	28.52	29.00	0.48		Area 1 Profile 4 - Urban/Hard Surface	26869
400	2053209.13	510369.11	28.47	29.00	0.53		Area 1 Profile 4 - Urban/Hard Surface	26869
450	2053231.49	510324.34	28.46	29.00	0.54		Area 1 Profile 4 - Urban/Hard Surface	26869
500	2053254.36	510279.58	28.65	29.00	0.35		Area 1 Profile 4 - Urban/Hard Surface	26869
550	2053276.91	510234.94	28.71	29.00	0.29		Area 1 Profile 4 - Urban/Hard Surface	26869
600	2053299.76	510189.93	28.23	29.00	0.77		Area 1 Profile 4 - Urban/Hard Surface	26869
650	2053322.44	510145.43	28.57	29.00	0.43		Area 1 Profile 4 - Urban/Hard Surface	26869
700	2053345.43	510100.95	28.99	29.00	0.01		Area 1 Profile 4 - Urban/Hard Surface	26869
750	2053367.58	510056.01	29.06	29.00	-0.06		Area 1 Profile 4 - Urban/Hard Surface	26869
800	2053390.04	510011.11	28.77	29.00	0.23		Area 1 Profile 4 - Urban/Hard Surface	26869
850	2053413.00	509966.04	28.62	29.00	0.38		Area 1 Profile 4 - Urban/Hard Surface	26868
900	2053435.62	509921.28	28.84	29.00	0.16		Area 1 Profile 4 - Urban/Hard Surface	26868
950	2053458.16	509876.59	28.73	29.00	0.27		Area 1 Profile 4 - Urban/Hard Surface	26868
1000	2053480.24	509831.95	28.61	29.00	0.39		Area 1 Profile 4 - Urban/Hard Surface	26868
1050	2053502.93	509787.14	28.70	29.00	0.30		Area 1 Profile 4 - Urban/Hard Surface	26868
1100	2053525.25	509742.70	28.73	29.00	0.27		Area 1 Profile 4 - Urban/Hard Surface	26868
1150	2053547.77	509697.93	28.39	29.00	0.61		Area 1 Profile 4 - Urban/Hard Surface	26868
1200	2053570.40	509652.95	28.60	29.00	0.40		Area 1 Profile 4 - Urban/Hard Surface	26868
0	2031403.21	524249.85	46.94	47.09	0.15		Area 1 Profile 6 - Urban/Hard Surface	28071
50	2031443.88	524220.16	46.84	47.06	0.22		Area 1 Profile 6 - Urban/Hard Surface	28071
100	2031483.43	524191.03	46.76	47.00	0.24		Area 1 Profile 6 - Urban/Hard Surface	28071
150	2031523.81	524161.40	46.90	47.21	0.30		Area 1 Profile 6 - Urban/Hard Surface	28071
200	2031564.07	524131.97	46.95	47.26	0.32		Area 1 Profile 6 - Urban/Hard Surface	28071
250	2031604.33	524102.42	46.97	47.29	0.32		Area 1 Profile 6 - Urban/Hard Surface	28071

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
300	2031644.88	524072.76	47.07	47.31	0.25		Area 1 Profile 6 - Urban/Hard Surface	28071
350	2031683.44	524044.50	47.21	47.35	0.14		Area 1 Profile 6 - Urban/Hard Surface	28071
400	2031724.10	524014.80	47.12	47.40	0.28		Area 1 Profile 6 - Urban/Hard Surface	28071
450	2031764.21	523985.41	47.28	47.43	0.15		Area 1 Profile 6 - Urban/Hard Surface	28071
500	2031804.83	523955.57	47.27	47.42	0.15		Area 1 Profile 6 - Urban/Hard Surface	28071
550	2031845.30	523926.06	47.29	47.41	0.12		Area 1 Profile 6 - Urban/Hard Surface	28071
600	2031886.04	523896.23	47.24	47.39	0.15		Area 1 Profile 6 - Urban/Hard Surface	28071
650	2031925.76	523866.76	47.21	47.38	0.17		Area 1 Profile 6 - Urban/Hard Surface	28071
700	2031966.26	523836.87	47.16	47.35	0.20		Area 1 Profile 6 - Urban/Hard Surface	28071
750	2032006.55	523807.39	47.11	47.34	0.24		Area 1 Profile 6 - Urban/Hard Surface	28071
800	2032046.84	523777.77	47.26	47.28	0.02		Area 1 Profile 6 - Urban/Hard Surface	28071
850	2032087.60	523748.14	47.33	47.25	-0.08		Area 1 Profile 6 - Urban/Hard Surface	28071
900	2032127.70	523718.85	47.19	47.28	0.10		Area 1 Profile 6 - Urban/Hard Surface	28071
950	2032167.88	523689.02	47.08	47.31	0.23		Area 1 Profile 6 - Urban/Hard Surface	28071
1000	2032208.11	523659.48	47.13	47.26	0.13		Area 1 Profile 6 - Urban/Hard Surface	28071
1050	2032248.44	523629.90	47.05	47.22	0.17		Area 1 Profile 6 - Urban/Hard Surface	28071
1100	2032288.79	523600.29	47.05	47.16	0.10		Area 1 Profile 6 - Urban/Hard Surface	28071
1150	2032329.22	523570.46	47.02	47.13	0.10		Area 1 Profile 6 - Urban/Hard Surface	28071
1200	2032369.41	523541.04	47.01	47.13	0.12		Area 1 Profile 6 - Urban/Hard Surface	28071
0	2029943.82	526201.81	42.21	42.36	0.15		Area 1 Profile 7 - Urban/Hard Surface	28372
50	2029930.16	526249.22	42.38	42.45	0.07		Area 1 Profile 7 - Urban/Hard Surface	28372
100	2029916.13	526297.46	42.35	42.52	0.18		Area 1 Profile 7 - Urban/Hard Surface	28372
150	2029902.30	526345.42	42.29	42.62	0.33		Area 1 Profile 7 - Urban/Hard Surface	28372
200	2029888.38	526393.75	42.55	42.72	0.17		Area 1 Profile 7 - Urban/Hard Surface	28372
250	2029874.79	526441.18	42.83	42.92	0.08		Area 1 Profile 7 - Urban/Hard Surface	28372
300	2029861.55	526487.99	43.10	43.07	-0.03		Area 1 Profile 7 - Urban/Hard Surface	28372
350	2029848.56	526536.01	43.05	43.10	0.05		Area 1 Profile 7 - Urban/Hard Surface	28372
400	2029836.60	526584.60	43.19	43.15	-0.04		Area 1 Profile 7 - Urban/Hard Surface	28372

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
450	2029824.82	526632.97	43.18	43.12	-0.06		Area 1 Profile 7 - Urban/Hard Surface	28372
500	2029813.35	526680.82	43.17	43.01	-0.16		Area 1 Profile 7 - Urban/Hard Surface	28372
550	2029801.62	526729.96	42.99	43.01	0.02		Area 1 Profile 7 - Urban/Hard Surface	28372
600	2029790.16	526778.45	42.69	42.83	0.14		Area 1 Profile 7 - Urban/Hard Surface	28372
650	2029778.91	526826.01	42.47	42.54	0.08		Area 1 Profile 7 - Urban/Hard Surface	28372
700	2029767.10	526875.45	42.27	42.32	0.05		Area 1 Profile 7 - Urban/Hard Surface	28372
750	2029755.66	526923.89	42.15	42.19	0.04		Area 1 Profile 7 - Urban/Hard Surface	28372
800	2029744.03	526972.06	42.03	42.14	0.11		Area 1 Profile 7 - Urban/Hard Surface	28372
850	2029732.40	527020.33	41.83	42.04	0.21		Area 1 Profile 7 - Urban/Hard Surface	28372
900	2029721.82	527069.42	41.92	42.01	0.09		Area 1 Profile 7 - Urban/Hard Surface	28372
950	2029710.27	527117.77	41.79	42.00	0.21		Area 1 Profile 7 - Urban/Hard Surface	28372
1000	2029699.02	527166.29	41.70	41.88	0.19		Area 1 Profile 7 - Urban/Hard Surface	28372
1050	2029687.75	527215.34	41.68	41.86	0.18		Area 1 Profile 7 - Urban/Hard Surface	28372
1100	2029676.68	527263.60	41.90	41.86	-0.04		Area 1 Profile 7 - Urban/Hard Surface	28372
1150	2029665.42	527312.99	41.87	41.85	-0.02		Area 1 Profile 7 - Urban/Hard Surface	28372
1200	2029654.21	527361.05	41.72	41.82	0.10		Area 1 Profile 7 - Urban/Hard Surface	28372
0	1976217.03	575664.09	7.79	7.67	-0.12		Area 2 Profile 1 - Urban/Hard Surface	31382
50	1976264.24	575648.27	7.80	7.75	-0.05		Area 2 Profile 1 - Urban/Hard Surface	31382
100	1976311.42	575632.57	7.87	7.82	-0.05		Area 2 Profile 1 - Urban/Hard Surface	31382
150	1976358.36	575616.34	8.10	7.87	-0.23		Area 2 Profile 1 - Urban/Hard Surface	31382
200	1976405.19	575599.53	8.18	8.00	-0.18		Area 2 Profile 1 - Urban/Hard Surface	31382
250	1976451.98	575582.51	8.26	8.15	-0.11		Area 2 Profile 1 - Urban/Hard Surface	31382
300	1976498.68	575564.79	8.36	8.25	-0.11		Area 2 Profile 1 - Urban/Hard Surface	31382
350	1976545.31	575546.83	8.19	8.07	-0.12		Area 2 Profile 1 - Urban/Hard Surface	31382
400	1976591.36	575527.34	7.97	8.00	0.04		Area 2 Profile 1 - Urban/Hard Surface	31382
450	1976637.39	575507.28	8.04	8.11	0.07		Area 2 Profile 1 - Urban/Hard Surface	31382
500	1976682.96	575486.81	7.95	7.87	-0.07		Area 2 Profile 1 - Urban/Hard Surface	31382
550	1976727.80	575465.16	7.78	7.65	-0.13		Area 2 Profile 1 - Urban/Hard Surface	31382

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
600	1976772.36	575442.80	7.63	7.51	-0.12		Area 2 Profile 1 - Urban/Hard Surface	31382
650	1976816.96	575420.44	7.30	7.21	-0.08		Area 2 Profile 1 - Urban/Hard Surface	31382
700	1976861.28	575397.59	6.88	6.77	-0.11		Area 2 Profile 1 - Urban/Hard Surface	31382
750	1976905.65	575374.65	6.59	6.49	-0.10		Area 2 Profile 1 - Urban/Hard Surface	31382
800	1976950.15	575351.88	6.33	6.29	-0.04		Area 2 Profile 1 - Urban/Hard Surface	31382
850	1976994.40	575328.96	5.96	6.04	0.08		Area 2 Profile 1 - Urban/Hard Surface	31382
900	1977038.46	575305.90	5.83	5.84	0.01		Area 2 Profile 1 - Urban/Hard Surface	31382
950	1977082.87	575283.35	5.74	5.85	0.11		Area 2 Profile 1 - Urban/Hard Surface	31382
1000	1977127.50	575261.19	5.79	6.00	0.21		Area 2 Profile 1 - Urban/Hard Surface	31382
1050	1977172.26	575239.09	5.83	5.79	-0.04		Area 2 Profile 1 - Urban/Hard Surface	31382
1100	1977217.27	575218.12	5.75	5.71	-0.04		Area 2 Profile 1 - Urban/Hard Surface	31382
1150	1977263.04	575198.53	5.59	5.52	-0.07		Area 2 Profile 1 - Urban/Hard Surface	31382
1200	1977309.33	575179.32	5.48	5.45	-0.03		Area 2 Profile 1 - Urban/Hard Surface	31382
0	1957713.44	493734.37	8.54	8.44	-0.10		Area 3 Profile 3 - Urban/Hard Surface	32565
50	1957735.47	493779.45	8.74	8.48	-0.26		Area 3 Profile 3 - Urban/Hard Surface	32565
100	1957757.30	493824.33	8.80	8.52	-0.28		Area 3 Profile 3 - Urban/Hard Surface	32565
150	1957770.86	493873.78	9.21	8.67	-0.54		Area 3 Profile 3 - Urban/Hard Surface	32565
200	1957801.44	493914.98	8.65	8.47	-0.18		Area 3 Profile 3 - Urban/Hard Surface	32565
250	1957823.11	493959.97	8.59	8.43	-0.16		Area 3 Profile 3 - Urban/Hard Surface	32565
300	1957844.82	494004.87	8.56	8.39	-0.16		Area 3 Profile 3 - Urban/Hard Surface	32565
350	1957866.63	494050.36	8.60	8.36	-0.25		Area 3 Profile 3 - Urban/Hard Surface	32565
400	1957887.95	494095.18	8.37	8.31	-0.06		Area 3 Profile 3 - Urban/Hard Surface	32565
450	1957909.74	494140.58	8.35	8.26	-0.08		Area 3 Profile 3 - Urban/Hard Surface	32565
500	1957931.13	494185.12	8.29	8.23	-0.05		Area 3 Profile 3 - Urban/Hard Surface	32565
550	1957953.10	494230.82	8.44	8.25	-0.19		Area 3 Profile 3 - Urban/Hard Surface	32565
600	1957974.40	494275.33	8.46	8.27	-0.19		Area 3 Profile 3 - Urban/Hard Surface	32565
650	1957996.74	494343.90	8.46	8.31	-0.15		Area 3 Profile 3 - Urban/Hard Surface	32565
700	1958017.14	494365.54	8.45	8.21	-0.24		Area 3 Profile 3 - Urban/Hard Surface	32565

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
750	1958038.80	494410.17	8.03	8.15	0.12		Area 3 Profile 3 - Urban/Hard Surface	32565
800	1958060.63	494455.33	8.21	8.10	-0.10		Area 3 Profile 3 - Urban/Hard Surface	32565
850	1958082.47	494500.58	8.07	8.04	-0.03		Area 3 Profile 3 - Urban/Hard Surface	32565
900	1958104.27	494545.79	7.96	8.05	0.09		Area 3 Profile 3 - Urban/Hard Surface	32565
950	1958125.88	494590.43	7.89	8.01	0.12		Area 3 Profile 3 - Urban/Hard Surface	32565
1000	1958147.84	494635.45	7.83	7.90	0.07		Area 3 Profile 3 - Urban/Hard Surface	32565
1050	1958169.68	494680.26	8.09	7.82	-0.27		Area 3 Profile 3 - Urban/Hard Surface	32565
1100	1958191.35	494725.56	8.26	7.81	-0.45		Area 3 Profile 3 - Urban/Hard Surface	32565
1150	1958212.22	494770.31	8.34	7.89	-0.45		Area 3 Profile 3 - Urban/Hard Surface	32565
1200	1958233.49	494815.54	8.17	8.02	-0.15		Area 3 Profile 3 - Urban/Hard Surface	32565
0	2099849.03	547423.85	16.15	16.00	-0.15		Area 4 Profile 1 - Urban/Hard Surface	24176
50	2099801.41	547434.17	15.93	15.97	0.04		Area 4 Profile 1 - Urban/Hard Surface	24176
100	2099753.85	547444.44	15.58	15.73	0.15		Area 4 Profile 1 - Urban/Hard Surface	24176
150	2099706.29	547454.63	15.20	15.51	0.31		Area 4 Profile 1 - Urban/Hard Surface	24176
200	2099658.57	547464.95	14.86	14.91	0.04		Area 4 Profile 1 - Urban/Hard Surface	24176
250	2099610.83	547474.97	14.44	14.65	0.21		Area 4 Profile 1 - Urban/Hard Surface	24176
300	2099563.10	547485.26	14.04	14.00	-0.04		Area 4 Profile 1 - Urban/Hard Surface	24176
350	2099515.45	547495.55	13.80	13.88	0.08		Area 4 Profile 1 - Urban/Hard Surface	24176
400	2099468.00	547505.88	13.57	13.33	-0.24		Area 4 Profile 1 - Urban/Hard Surface	24176
450	2099420.30	547516.02	13.12	13.00	-0.12		Area 4 Profile 1 - Urban/Hard Surface	24176
500	2099372.63	547526.19	12.83	12.76	-0.08		Area 4 Profile 1 - Urban/Hard Surface	24176
550	2099324.85	547536.27	12.43	12.54	0.11		Area 4 Profile 1 - Urban/Hard Surface	24176
600	2099277.25	547546.64	12.16	12.00	-0.16		Area 4 Profile 1 - Urban/Hard Surface	24176
650	2099229.47	547556.93	11.90	11.77	-0.12		Area 4 Profile 1 - Urban/Hard Surface	24176
700	2099181.67	547567.18	11.54	11.53	-0.02		Area 4 Profile 1 - Urban/Hard Surface	24176
750	2099133.88	547577.38	11.03	11.00	-0.03		Area 4 Profile 1 - Urban/Hard Surface	24176
800	2099086.11	547587.46	10.82	10.82	0.00		Area 4 Profile 1 - Urban/Hard Surface	24176
850	2099038.27	547597.54	10.55	10.59	0.04		Area 4 Profile 1 - Urban/Hard Surface	24176

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
900	2098990.72	547607.82	10.19	9.99	-0.20		Area 4 Profile 1 - Urban/Hard Surface	24176
950	2098942.94	547618.11	9.84	9.80	-0.04		Area 4 Profile 1 - Urban/Hard Surface	24176
1000	2098895.30	547628.34	9.41	9.60	0.18		Area 4 Profile 1 - Urban/Hard Surface	24176
1050	2098847.57	547638.61	9.08	9.00	-0.08		Area 4 Profile 1 - Urban/Hard Surface	24176
1100	2098799.81	547648.70	8.78	8.85	0.07		Area 4 Profile 1 - Urban/Hard Surface	24176
1150	2098752.21	547658.99	8.57	8.63	0.06		Area 4 Profile 1 - Urban/Hard Surface	24176
1200	2098704.42	547668.95	8.33	8.80	0.47		Area 4 Profile 1 - Urban/Hard Surface	24176
0	2150752.41	535862.66	10.81	10.33	-0.48		Area 4 Profile 6 - Urban/Hard Surface	22075
50	2150702.53	535866.14	9.15	9.00	-0.15		Area 4 Profile 6 - Urban/Hard Surface	22075
100	2150652.48	535869.74	9.27	9.00	-0.27		Area 4 Profile 6 - Urban/Hard Surface	22075
150	2150602.72	535873.49	8.19	8.17	-0.02		Area 4 Profile 6 - Urban/Hard Surface	22075
200	2150552.66	535877.24	10.73	10.66	-0.06		Area 4 Profile 6 - Urban/Hard Surface	22075
250	2150502.96	535880.30	12.47	12.28	-0.18		Area 4 Profile 6 - Urban/Hard Surface	22075
300	2150453.10	535884.19	10.08	10.07	-0.01		Area 4 Profile 6 - Urban/Hard Surface	22075
350	2150403.30	535887.40	8.72	8.75	0.04		Area 4 Profile 6 - Urban/Hard Surface	22075
400	2150353.43	535891.29	9.63	9.59	-0.04		Area 4 Profile 6 - Urban/Hard Surface	22075
450	2150303.61	535895.01	10.08	10.08	0.00		Area 4 Profile 6 - Urban/Hard Surface	22075
500	2150253.87	535898.75	9.00	8.88	-0.12		Area 4 Profile 6 - Urban/Hard Surface	22075
550	2150204.09	535902.78	9.42	9.46	0.04		Area 4 Profile 6 - Urban/Hard Surface	22075
600	2150154.21	535906.18	10.97	10.86	-0.11		Area 4 Profile 6 - Urban/Hard Surface	22075
650	2150104.51	535910.13	9.46	9.35	-0.12		Area 4 Profile 6 - Urban/Hard Surface	22075
700	2150054.72	535913.46	8.21	8.07	-0.14		Area 4 Profile 6 - Urban/Hard Surface	22075
750	2150004.98	535916.71	11.81	11.70	-0.11		Area 4 Profile 6 - Urban/Hard Surface	22075
800	2149955.19	535920.28	12.37	12.34	-0.03		Area 4 Profile 6 - Urban/Hard Surface	22075
850	2149905.37	535923.49	12.88	13.00	0.12		Area 4 Profile 6 - Urban/Hard Surface	22075
900	2149855.70	535928.07	14.91	14.54	-0.37		Area 4 Profile 6 - Urban/Hard Surface	22075
950	2149806.02	535932.48	17.76	17.59	-0.17		Area 4 Profile 6 - Urban/Hard Surface	22075
1000	2149756.44	535937.00	20.71	20.00	-0.71		Area 4 Profile 6 - Urban/Hard Surface	22075

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
1050	2149706.71	535941.61	20.76	20.00	-0.76		Area 4 Profile 6 - Urban/Hard Surface	22075
1100	2149658.03	535948.32	13.46	13.31	-0.16		Area 4 Profile 6 - Urban/Hard Surface	22075
1150	2149608.85	535955.83	9.33	9.58	0.25		Area 4 Profile 6 - Urban/Hard Surface	22075
1200	2149559.49	535963.42	8.76	9.00	0.24		Area 4 Profile 6 - Urban/Hard Surface	22075
0	2005182.89	488516.51	15.13	14.94	-0.19		Area 5 Profile 3 - Urban/Hard Surface	29564
50	2005164.13	488470.10	15.24	14.97	-0.27		Area 5 Profile 3 - Urban/Hard Surface	29564
100	2005145.33	488423.55	15.37	15.02	-0.35		Area 5 Profile 3 - Urban/Hard Surface	29564
150	2005126.53	488377.29	15.44	15.10	-0.35		Area 5 Profile 3 - Urban/Hard Surface	29564
200	2005107.69	488331.03	15.57	15.18	-0.39		Area 5 Profile 3 - Urban/Hard Surface	29564
300	2005088.80	488284.85	15.60	15.25	-0.36		Area 5 Profile 3 - Urban/Hard Surface	29564
350	2005069.99	488238.43	15.69	15.29	-0.40		Area 5 Profile 3 - Urban/Hard Surface	29564
350	2005051.20	488192.09	15.69	15.36	-0.34		Area 5 Profile 3 - Urban/Hard Surface	29564
400	2005032.36	488145.93	15.72	15.45	-0.27		Area 5 Profile 3 - Urban/Hard Surface	29564
450	2005013.49	488099.60	15.85	15.54	-0.31		Area 5 Profile 3 - Urban/Hard Surface	29564
500	2004994.67	488053.41	15.85	15.62	-0.24		Area 5 Profile 3 - Urban/Hard Surface	29564
550	2004975.72	488007.17	16.00	15.70	-0.31		Area 5 Profile 3 - Urban/Hard Surface	29564
600	2004956.74	487960.95	16.10	15.77	-0.33		Area 5 Profile 3 - Urban/Hard Surface	29564
650	2004938.12	487914.61	16.08	15.81	-0.26		Area 5 Profile 3 - Urban/Hard Surface	29564
700	2004919.36	487868.41	16.13	15.84	-0.29		Area 5 Profile 3 - Urban/Hard Surface	29564
750	2004900.31	487822.11	16.26	15.89	-0.36		Area 5 Profile 3 - Urban/Hard Surface	29564
800	2004881.47	487775.95	16.18	15.94	-0.24		Area 5 Profile 3 - Urban/Hard Surface	29564
850	2004862.74	487729.80	16.13	15.92	-0.21		Area 5 Profile 3 - Urban/Hard Surface	29564
900	2004843.86	487683.47	16.11	15.87	-0.23		Area 5 Profile 3 - Urban/Hard Surface	29564
950	2004825.16	487637.17	16.06	15.77	-0.29		Area 5 Profile 3 - Urban/Hard Surface	29564
1000	2004806.45	487590.73	16.06	15.65	-0.41		Area 5 Profile 3 - Urban/Hard Surface	29564
1050	2004787.69	487544.46	16.03	15.69	-0.34		Area 5 Profile 3 - Urban/Hard Surface	29564
1100	2004768.69	487497.96	15.95	15.79	-0.16		Area 5 Profile 3 - Urban/Hard Surface	29564
1150	2004749.71	487451.45	15.94	15.80	-0.14		Area 5 Profile 3 - Urban/Hard Surface	29564

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
1200	2004730.87	487405.12	15.86	15.81	-0.05		Area 5 Profile 3 - Urban/Hard Surface	29564
0	2085105.32	448038.62	14.51	14.16	-0.36		Area 5 Profile 8 - Urban/Hard Surface	24756
50	2085138.86	448074.84	13.99	13.72	-0.27		Area 5 Profile 8 - Urban/Hard Surface	24756
100	2085172.85	448112.07	14.06	13.52	-0.54		Area 5 Profile 8 - Urban/Hard Surface	24756
150	2085206.38	448148.49	13.92	13.50	-0.43		Area 5 Profile 8 - Urban/Hard Surface	24756
200	2085239.58	448184.53	13.97	13.64	-0.34		Area 5 Profile 8 - Urban/Hard Surface	24756
250	2085273.45	448221.60	14.31	13.74	-0.57		Area 5 Profile 8 - Urban/Hard Surface	24756
300	2085307.20	448258.21	14.28	13.82	-0.46		Area 5 Profile 8 - Urban/Hard Surface	24756
350	2085341.32	448295.24	14.32	13.89	-0.42		Area 5 Profile 8 - Urban/Hard Surface	24756
400	2085374.94	448331.75	14.21	13.89	-0.32		Area 5 Profile 8 - Urban/Hard Surface	24756
450	2085408.87	448368.56	14.35	14.04	-0.31		Area 5 Profile 8 - Urban/Hard Surface	24756
500	2085443.04	448405.47	14.71	14.18	-0.53		Area 5 Profile 8 - Urban/Hard Surface	24756
550	2085477.25	448441.74	15.00	14.39	-0.61		Area 5 Profile 8 - Urban/Hard Surface	24756
600	2085511.88	448477.77	14.96	14.59	-0.37		Area 5 Profile 8 - Urban/Hard Surface	24756
650	2085546.52	448513.62	14.93	14.61	-0.32		Area 5 Profile 8 - Urban/Hard Surface	24756
700	2085580.88	448549.40	14.99	14.64	-0.35		Area 5 Profile 8 - Urban/Hard Surface	24756
750	2085615.20	448585.78	15.29	14.76	-0.53		Area 5 Profile 8 - Urban/Hard Surface	24756
800	2085649.10	448622.34	15.53	15.11	-0.42		Area 5 Profile 8 - Urban/Hard Surface	24756
850	2085682.72	448659.12	15.87	15.38	-0.49		Area 5 Profile 8 - Urban/Hard Surface	24756
900	2085716.55	448695.95	16.23	15.81	-0.43		Area 5 Profile 8 - Urban/Hard Surface	24756
950	2085750.57	448732.95	16.60	16.08	-0.52		Area 5 Profile 8 - Urban/Hard Surface	24756
1000	2085783.96	448769.17	17.27	16.78	-0.49		Area 5 Profile 8 - Urban/Hard Surface	24756
1050	2085817.65	448805.88	17.47	17.11	-0.37		Area 5 Profile 8 - Urban/Hard Surface	24756
1100	2085850.71	448842.65	17.75	17.46	-0.29		Area 5 Profile 8 - Urban/Hard Surface	24756
1150	2085883.11	448880.31	18.35	18.00	-0.36		Area 5 Profile 8 - Urban/Hard Surface	24756
1200	2085915.49	448918.38	18.94	18.46	-0.48		Area 5 Profile 8 - Urban/Hard Surface	24756
0	2105312.36	456596.94	8.69	8.52	-0.17		Area 5 Profile 10 - Urban/Hard Surface	23558
50	2105343.62	456636.08	8.61	8.39	-0.21		Area 5 Profile 10 - Urban/Hard Surface	23558

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
100	2105375.11	456675.36	8.50	8.23	-0.26		Area 5 Profile 10 - Urban/Hard Surface	23558
150	2105406.48	456713.79	8.39	8.18	-0.21		Area 5 Profile 10 - Urban/Hard Surface	23558
200	2105437.85	456752.95	8.21	7.96	-0.25		Area 5 Profile 10 - Urban/Hard Surface	23558
250	2105469.24	456791.57	7.82	7.72	-0.10		Area 5 Profile 10 - Urban/Hard Surface	23558
300	2105501.07	456830.83	7.69	7.50	-0.18		Area 5 Profile 10 - Urban/Hard Surface	23558
350	2105531.81	456870.06	7.68	7.52	-0.16		Area 5 Profile 10 - Urban/Hard Surface	23558
400	2105563.56	456908.12	7.45	7.42	-0.03		Area 5 Profile 10 - Urban/Hard Surface	23558
450	2105596.35	456947.47	7.39	7.28	-0.12		Area 5 Profile 10 - Urban/Hard Surface	23558
500	2105626.85	456986.85	7.51	7.19	-0.32		Area 5 Profile 10 - Urban/Hard Surface	23558
550	2105659.27	457025.25	7.22	7.10	-0.12		Area 5 Profile 10 - Urban/Hard Surface	23558
600	2105690.75	457064.68	7.23	7.07	-0.16		Area 5 Profile 10 - Urban/Hard Surface	23558
650	2105722.57	457102.78	7.19	6.98	-0.21		Area 5 Profile 10 - Urban/Hard Surface	23558
700	2105753.40	457142.74	7.09	6.86	-0.22		Area 5 Profile 10 - Urban/Hard Surface	23558
750	2105784.28	457181.91	7.05	6.76	-0.29		Area 5 Profile 10 - Urban/Hard Surface	23558
800	2105816.13	457220.33	7.29	6.69	-0.60		Area 5 Profile 10 - Urban/Hard Surface	23558
850	2105848.42	457258.92	7.23	6.71	-0.53		Area 5 Profile 10 - Urban/Hard Surface	23558
900	2105879.61	457298.07	6.97	6.78	-0.19		Area 5 Profile 10 - Urban/Hard Surface	23558
950	2105911.11	457336.57	6.99	6.92	-0.07		Area 5 Profile 10 - Urban/Hard Surface	23558
1000	2105942.26	457375.51	7.44	7.10	-0.34		Area 5 Profile 10 - Urban/Hard Surface	23558
1050	2105973.20	457414.90	7.01	7.20	0.19		Area 5 Profile 10 - Urban/Hard Surface	23558
1100	2106005.12	457454.45	7.18	7.19	0.01		Area 5 Profile 10 - Urban/Hard Surface	23558
1150	2106034.26	457493.76	6.99	7.30	0.31		Area 5 Profile 10 - Urban/Hard Surface	23558
1200	2106065.22	457532.90	7.23	7.30	0.08		Area 5 Profile 10 - Urban/Hard Surface	23558
0	2073796.77	552626.63	14.86	14.88	0.02		Area 6 Profile 1 - Urban/Hard Surface	25677
50	2073845.28	552615.91	14.97	14.92	-0.06		Area 6 Profile 1 - Urban/Hard Surface	25677
100	2073893.88	552605.32	15.02	14.92	0.10		Area 6 Profile 1 - Urban/Hard Surface	25677
150	2073942.38	552594.61	15.00	14.92	-0.08		Area 6 Profile 1 - Urban/Hard Surface	25677
200	2073990.96	552583.95	14.96	14.90	-0.06		Area 6 Profile 1 - Urban/Hard Surface	25677

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
250	2074039.52	552573.36	14.86	14.86	0.00		Area 6 Profile 1 - Urban/Hard Surface	25677
300	2074088.04	552562.678	14.82	14.87	0.05		Area 6 Profile 1 - Urban/Hard Surface	25677
350	2074136.80	552552.226	14.85	14.82	-0.03		Area 6 Profile 1 - Urban/Hard Surface	25677
400	2074185.33	552541.503	14.76	14.89	0.13		Area 6 Profile 1 - Urban/Hard Surface	25677
450	2074233.90	552531.025	14.76	14.88	0.12		Area 6 Profile 1 - Urban/Hard Surface	25677
500	2074282.60	552520.417	14.86	14.74	-0.11		Area 6 Profile 1 - Urban/Hard Surface	25677
550	2074331.02	552509.699	14.84	14.70	-0.14		Area 6 Profile 1 - Urban/Hard Surface	25677
600	2074379.58	552499.107	14.68	14.67	-0.02		Area 6 Profile 1 - Urban/Hard Surface	25677
650	2074428.10	552488.315	14.59	14.66	0.07		Area 6 Profile 1 - Urban/Hard Surface	25677
700	2074476.66	552477.769	14.58	14.62	0.04		Area 6 Profile 1 - Urban/Hard Surface	25677
750	2074525.28	552467.263	14.53	14.21	-0.32		Area 6 Profile 1 - Urban/Hard Surface	25677
800	2074573.87	552456.563	14.46	14.54	0.09		Area 6 Profile 1 - Urban/Hard Surface	25677
850	2074622.53	552445.890	14.51	14.22	-0.29		Area 6 Profile 1 - Urban/Hard Surface	25677
900	2074671.02	552435.300	14.50	14.60	0.10		Area 6 Profile 1 - Urban/Hard Surface	25677
950	2074719.65	552424.715	14.63	14.37	-0.26		Area 6 Profile 1 - Urban/Hard Surface	25677
1000	2074768.19	552414.001	14.68	14.25	-0.42		Area 6 Profile 1 - Urban/Hard Surface	25677
1050	2074816.72	552403.220	14.66	14.24	-0.42		Area 6 Profile 1 - Urban/Hard Surface	25677
1100	2074865.28	552392.470	14.49	14.23	-0.26		Area 6 Profile 1 - Urban/Hard Surface	25677
1150	2074913.92	552381.863	14.40	14.00	-0.40		Area 6 Profile 1 - Urban/Hard Surface	25677
1200	2074962.35	552371.177	14.33	14.00	-0.33		Area 6 Profile 1 - Urban/Hard Surface	25677
0	2055749.74	556527.44	16.18	15.92	-0.27		Area 6 Profile 2 - Urban/Hard Surface	26578
50	2055701.26	556538.05	16.47	16.00	-0.47		Area 6 Profile 2 - Urban/Hard Surface	26578
100	2055659.96	556581.78	16.42	16.61	0.19		Area 6 Profile 2 - Urban/Hard Surface	26578
150	2055611.72	556591.96	16.61	16.64	0.04		Area 6 Profile 2 - Urban/Hard Surface	26578
200	2055563.25	556602.76	16.66	16.84	0.19		Area 6 Profile 2 - Urban/Hard Surface	26578
250	2055514.98	556613.39	16.79	16.82	0.03		Area 6 Profile 2 - Urban/Hard Surface	26578
300	2055466.53	556623.98	16.99	16.87	-0.12		Area 6 Profile 2 - Urban/Hard Surface	26578
350	2055418.05	556634.51	17.01	16.92	-0.09		Area 6 Profile 2 - Urban/Hard Surface	26578

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
400	2055369.90	556645.63	17.05	17.00	-0.05		Area 6 Profile 2 - Urban/Hard Surface	26578
450	2055321.67	556655.98	17.36	17.04	-0.33		Area 6 Profile 2 - Urban/Hard Surface	26578
500	2055273.23	556666.89	17.50	17.52	0.03		Area 6 Profile 2 - Urban/Hard Surface	26578
550	2055224.85	556677.63	17.74	17.71	-0.03		Area 6 Profile 2 - Urban/Hard Surface	26578
600	2055176.34	556688.25	17.83	17.73	-0.09		Area 6 Profile 2 - Urban/Hard Surface	26578
650	2055127.94	556698.89	17.91	17.85	-0.06		Area 6 Profile 2 - Urban/Hard Surface	26578
700	2055079.68	556709.53	17.91	17.50	-0.40		Area 6 Profile 2 - Urban/Hard Surface	26578
750	2055025.32	556687.29	18.09	17.62	-0.47		Area 6 Profile 2 - Urban/Hard Surface	26578
800	2054977.09	556697.99	17.99	17.59	-0.40		Area 6 Profile 2 - Urban/Hard Surface	26878
850	2054928.90	556708.63	18.11	17.75	-0.37		Area 6 Profile 2 - Urban/Hard Surface	26878
900	2054880.65	556719.37	18.03	17.56	-0.47		Area 6 Profile 2 - Urban/Hard Surface	26878
950	2054832.36	556729.94	18.05	17.54	-0.51		Area 6 Profile 2 - Urban/Hard Surface	26878
1000	2054784.00	556740.70	18.05	17.59	-0.46		Area 6 Profile 2 - Urban/Hard Surface	26878
1050	2054735.72	556751.46	18.13	17.56	-0.57		Area 6 Profile 2 - Urban/Hard Surface	26878
1100	2054687.41	556762.07	18.00	17.52	-0.49		Area 6 Profile 2 - Urban/Hard Surface	26878
1150	2054639.11	556772.77	17.82	17.43	-0.39		Area 6 Profile 2 - Urban/Hard Surface	26878
1200	2054590.90	556783.43	17.72	17.40	-0.32		Area 6 Profile 2 - Urban/Hard Surface	26878
0	2099857.11	547422.04	16.29	16.03	-0.27		Area 6 Profile 3 - Urban/Hard Surface	23876
50	2099905.58	547411.78	16.45	15.98	-0.47		Area 6 Profile 3 - Urban/Hard Surface	23876
100	2099954.41	547401.37	16.79	16.98	0.19		Area 6 Profile 3 - Urban/Hard Surface	23876
150	2100003.20	547390.71	17.30	17.34	0.04		Area 6 Profile 3 - Urban/Hard Surface	23876
200	2100052.13	547380.39	17.66	17.84	0.19		Area 6 Profile 3 - Urban/Hard Surface	23876
250	2100100.94	547369.95	17.89	17.92	0.03		Area 6 Profile 3 - Urban/Hard Surface	23876
300	2100149.80	547359.63	18.25	18.13	-0.12		Area 6 Profile 3 - Urban/Hard Surface	23876
350	2100198.74	547349.42	18.70	18.61	-0.09		Area 6 Profile 3 - Urban/Hard Surface	23876
400	2100247.39	547338.79	18.98	18.93	-0.05		Area 6 Profile 3 - Urban/Hard Surface	23876
450	2100296.13	547328.29	19.02	18.69	-0.33		Area 6 Profile 3 - Urban/Hard Surface	23876
500	2100344.79	547317.74	19.25	19.27	0.03		Area 6 Profile 3 - Urban/Hard Surface	23876

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
550	2100393.33	547307.12	19.52	19.49	-0.03		Area 6 Profile 3 - Urban/Hard Surface	23876
600	2100442.05	547296.56	19.59	19.49	-0.09		Area 6 Profile 3 - Urban/Hard Surface	23876
650	2100490.63	547285.95	19.79	19.73	-0.06		Area 6 Profile 3 - Urban/Hard Surface	23876
700	2100539.41	547275.34	19.82	19.42	-0.40		Area 6 Profile 3 - Urban/Hard Surface	23876
750	2100588.11	547264.76	19.87	19.40	-0.47		Area 6 Profile 3 - Urban/Hard Surface	23876
800	2100636.79	547253.95	19.82	19.42	-0.40		Area 6 Profile 3 - Urban/Hard Surface	23876
850	2100685.69	547243.25	19.79	19.42	-0.37		Area 6 Profile 3 - Urban/Hard Surface	23876
900	2100734.32	547232.59	19.72	19.25	-0.47		Area 6 Profile 3 - Urban/Hard Surface	23876
950	2100782.95	547221.81	19.87	19.35	-0.51		Area 6 Profile 3 - Urban/Hard Surface	23876
1000	2100831.67	547211.06	19.73	19.27	-0.46		Area 6 Profile 3 - Urban/Hard Surface	23876
1050	2100880.42	547200.26	19.58	19.01	-0.57		Area 6 Profile 3 - Urban/Hard Surface	23876
1100	2100929.06	547189.47	19.53	19.05	-0.49		Area 6 Profile 3 - Urban/Hard Surface	23876
1150	2100978.00	547178.89	19.51	19.13	-0.39		Area 6 Profile 3 - Urban/Hard Surface	23876
1200	2101026.72	547168.34	19.45	19.14	-0.31		Area 6 Profile 3 - Urban/Hard Surface	23876
0	1954433.02	583397.12	14.05	14.27	0.22		Area 7 Profile 4 - Urban/Hard Surface	32883
50	1954481.90	583386.32	12.86	13.05	0.19		Area 7 Profile 4 - Urban/Hard Surface	32883
100	1954530.63	583374.40	11.76	11.97	0.20		Area 7 Profile 4 - Urban/Hard Surface	32883
150	1954579.26	583362.71	11.04	11.18	0.14		Area 7 Profile 4 - Urban/Hard Surface	32883
200	1954627.78	583350.90	10.38	10.62	0.23		Area 7 Profile 4 - Urban/Hard Surface	32883
250	1954676.56	583338.96	9.85	10.05	0.20		Area 7 Profile 4 - Urban/Hard Surface	32883
300	1954724.67	583327.21	9.50	9.71	0.21		Area 7 Profile 4 - Urban/Hard Surface	32883
350	1954773.45	583315.23	9.45	9.61	0.16		Area 7 Profile 4 - Urban/Hard Surface	32883
400	1954822.27	583303.57	9.39	9.60	0.20		Area 7 Profile 4 - Urban/Hard Surface	32883
450	1954870.81	583291.56	9.65	9.78	0.13		Area 7 Profile 4 - Urban/Hard Surface	32883
500	1954918.96	583279.29	9.70	9.88	0.18		Area 7 Profile 4 - Urban/Hard Surface	32883
550	1954967.55	583266.14	9.79	9.93	0.15		Area 7 Profile 4 - Urban/Hard Surface	32883
600	1955015.20	583252.28	9.80	9.90	0.10		Area 7 Profile 4 - Urban/Hard Surface	32883
650	1955063.53	583238.40	9.67	9.76	0.09		Area 7 Profile 4 - Urban/Hard Surface	32883

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
700	1955111.08	583223.84	9.59	9.66	0.07		Area 7 Profile 4 - Urban/Hard Surface	32883
750	1955158.90	583208.46	9.47	9.55	0.08		Area 7 Profile 4 - Urban/Hard Surface	32883
800	1955206.14	583192.31	9.46	9.47	0.01		Area 7 Profile 4 - Urban/Hard Surface	32883
850	1955254.11	583176.61	9.69	9.58	-0.11		Area 7 Profile 4 - Urban/Hard Surface	32883
900	1955300.82	583160.73	9.76	9.43	-0.33		Area 7 Profile 4 - Urban/Hard Surface	32883
950	1955348.21	583144.68	9.70	9.37	-0.33		Area 7 Profile 4 - Urban/Hard Surface	32883
1000	1955394.38	583125.15	9.54	9.24	-0.30		Area 7 Profile 4 - Urban/Hard Surface	32883
1050	1955439.65	583103.90	9.61	9.08	-0.53		Area 7 Profile 4 - Urban/Hard Surface	32883
1100	1955485.25	583083.83	9.54	9.41	-0.13		Area 7 Profile 4 - Urban/Hard Surface	32883
1150	1955531.00	583063.62	9.46	9.36	-0.10		Area 7 Profile 4 - Urban/Hard Surface	32883
1200	1955576.80	583042.96	9.31	9.20	-0.11		Area 7 Profile 4 - Urban/Hard Surface	32883
BCG	2053160.10	510799.65	31.86	31.63		-0.24	Area 1 Profile 5 - Medium Grass	26869
EP	2053159.41	510798.01	31.48	31.65		0.17	Area 1 Profile 5 - Medium Grass	26869
CLR	2053151.09	510784.26	32.07	31.91		-0.16	Area 1 Profile 5 - Medium Grass	26869
EP	2053144.27	510774.23	32.29	32.41		0.12	Area 1 Profile 5 - Medium Grass	26869
BCG	2053143.62	510772.87	32.77	32.57		-0.21	Area 1 Profile 5 - Medium Grass	26869
BCG	2053134.97	510754.61	32.72	32.38		-0.34	Area 1 Profile 5 - Medium Grass	26869
EP	2053134.31	510753.35	32.13	32.24		0.10	Area 1 Profile 5 - Medium Grass	26869
CLR	2053129.51	510742.12	31.79	31.84		0.05	Area 1 Profile 5 - Medium Grass	26869
EP	2053122.36	510728.00	31.56	31.45		-0.11	Area 1 Profile 5 - Medium Grass	26869
BCG	2053121.56	510726.65	32.12	31.41		-0.71	Area 1 Profile 5 - Medium Grass	26869
0	2053991.33	509338.10	31.65	31.33		-0.32	Area 1 Profile 5 - Medium Grass	26869
50	2054005.42	509385.90	31.45	31.30		-0.15	Area 1 Profile 5 - Medium Grass	26869
100	2054019.49	509434.08	31.49	31.10		-0.39	Area 1 Profile 5 - Medium Grass	26869
150	2054033.68	509481.99	31.13	30.90		-0.24	Area 1 Profile 5 - Medium Grass	26869
200	2054047.41	509529.99	31.14	31.00		-0.14	Area 1 Profile 5 - Medium Grass	26869
250	2054061.48	509577.91	31.61	31.91		0.29	Area 1 Profile 5 - Medium Grass	26869
300	2054075.54	509625.89	31.98	32.56		0.58	Area 1 Profile 5 - Medium Grass	26869

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
350	2054089.80	509673.93	32.57	32.98		0.41	Area 1 Profile 5 - Medium Grass	26869
400	2054102.82	509722.15	33.04	33.38		0.33	Area 1 Profile 5 - Medium Grass	26869
450	2054112.87	509771.16	33.05	33.45		0.40	Area 1 Profile 5 - Medium Grass	26869
500	2054119.19	509820.74	33.01	33.28		0.27	Area 1 Profile 5 - Medium Grass	26869
550	2054121.43	509870.72	32.66	33.05		0.39	Area 1 Profile 5 - Medium Grass	26869
600	2054120.18	509920.68	32.49	32.96		0.47	Area 1 Profile 5 - Medium Grass	26869
650	2054115.17	509970.44	32.57	32.99		0.43	Area 1 Profile 5 - Medium Grass	26869
700	2054106.34	510019.60	32.97	33.41		0.43	Area 1 Profile 5 - Medium Grass	26869
750	2054093.69	510067.95	33.21	33.52		0.31	Area 1 Profile 5 - Medium Grass	26869
800	2054077.73	510115.35	33.67	33.80		0.13	Area 1 Profile 5 - Medium Grass	26869
850	2054058.34	510161.49	33.58	33.80		0.22	Area 1 Profile 5 - Medium Grass	26869
900	2054035.34	510206.01	33.39	33.64		0.25	Area 1 Profile 5 - Medium Grass	26869
950	2054008.91	510248.52	33.50	33.59		0.09	Area 1 Profile 5 - Medium Grass	26869
1000	2053979.23	510288.93	33.46	33.39		-0.07	Area 1 Profile 5 - Medium Grass	26869
1050	2053946.96	510326.92	33.31	33.29		-0.02	Area 1 Profile 5 - Medium Grass	26869
1100	2053911.67	510362.51	33.24	33.42		0.17	Area 1 Profile 5 - Medium Grass	26869
1150	2053873.84	510395.32	33.22	33.57		0.35	Area 1 Profile 5 - Medium Grass	26869
1200	2053833.88	510425.11	33.66	33.77		0.11	Area 1 Profile 5 - Medium Grass	26869
0	1971403.18	556067.24	26.72	27.00		0.28	Area 2 Profile 2 - Medium Grass	31678
50	1971353.33	556069.42	26.53	27.00		0.47	Area 2 Profile 2 - Medium Grass	31678
100	1971303.82	556071.59	26.81	27.00		0.19	Area 2 Profile 2 - Medium Grass	31678
150	1971254.13	556073.93	26.52	27.00		0.48	Area 2 Profile 2 - Medium Grass	31678
200	1971204.43	556076.27	26.78	27.00		0.22	Area 2 Profile 2 - Medium Grass	31678
250	1971154.83	556078.41	26.98	27.00		0.02	Area 2 Profile 2 - Medium Grass	31678
300	1971105.11	556080.56	26.23	26.92		0.69	Area 2 Profile 2 - Medium Grass	31678
350	1971055.55	556081.92	26.33	26.62		0.29	Area 2 Profile 2 - Medium Grass	31678
400	1971006.22	556084.21	25.46	26.00		0.54	Area 2 Profile 2 - Medium Grass	31678
450	1970957.13	556087.45	25.48	26.00		0.52	Area 2 Profile 2 - Medium Grass	31678

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
500	1970907.60	556090.99	25.60	26.00		0.40	Area 2 Profile 2 - Medium Grass	31678
550	1970858.30	556093.20	26.63	26.87		0.24	Area 2 Profile 2 - Medium Grass	31678
600	1970808.63	556095.08	26.96	27.00		0.04	Area 2 Profile 2 - Medium Grass	31678
650	1970759.02	556097.09	26.66	27.00		0.34	Area 2 Profile 2 - Medium Grass	31678
700	1970709.65	556099.54	26.44	27.00		0.56	Area 2 Profile 2 - Medium Grass	31678
750	1970659.82	556101.57	26.73	27.00		0.27	Area 2 Profile 2 - Medium Grass	31678
800	1970610.13	556103.95	26.61	27.00		0.39	Area 2 Profile 2 - Medium Grass	31678
850	1970560.41	556105.97	26.71	27.00		0.29	Area 2 Profile 2 - Medium Grass	31678
900	1970510.80	556108.32	26.37	27.00		0.63	Area 2 Profile 2 - Medium Grass	31678
950	1970461.15	556110.33	26.48	27.00		0.52	Area 2 Profile 2 - Medium Grass	31678
1000	1970411.15	556112.61	26.54	27.00		0.46	Area 2 Profile 2 - Medium Grass	31678
1050	1970361.30	556114.67	26.67	27.00		0.33	Area 2 Profile 2 - Medium Grass	31678
1100	1970311.65	556116.39	26.56	27.00		0.44	Area 2 Profile 2 - Medium Grass	31678
1150	1970261.64	556118.12	25.43	26.00		0.57	Area 2 Profile 2 - Medium Grass	31678
1200	1970261.18	556068.56	25.46	26.00		0.54	Area 2 Profile 2 - Medium Grass	31678
0	2008383.86	547400.16	33.34	33.92		0.59	Area 2 Profile 6 - Medium Grass	29576
50	2008391.28	547449.47	33.16	33.18		0.02	Area 2 Profile 6 - Medium Grass	29576
100	2008396.89	547499.44	33.64	33.76		0.13	Area 2 Profile 6 - Medium Grass	29576
150	2008405.95	547548.61	33.75	33.17		-0.58	Area 2 Profile 6 - Medium Grass	29576
200	2008413.39	547598.25	34.15	34.00		-0.15	Area 2 Profile 6 - Medium Grass	29576
250	2008421.53	547647.80	34.55	34.00		-0.55	Area 2 Profile 6 - Medium Grass	29576
300	2008430.10	547697.70	34.66	34.00		-0.66	Area 2 Profile 6 - Medium Grass	29576
350	2008438.39	547747.16	35.14	35.00		-0.14	Area 2 Profile 6 - Medium Grass	29576
400	2008445.86	547796.44	35.14	35.00		-0.14	Area 2 Profile 6 - Medium Grass	29576
450	2008454.12	547846.33	34.65	35.00		0.35	Area 2 Profile 6 - Medium Grass	29576
500	2008462.82	547896.45	34.48	34.92		0.44	Area 2 Profile 6 - Medium Grass	29576
550	2008470.64	547945.35	34.15	34.69		0.55	Area 2 Profile 6 - Medium Grass	29576
600	2008480.98	547995.16	33.64	34.35		0.71	Area 2 Profile 6 - Medium Grass	29576

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
650	2008488.97	548044.75	33.51	33.95		0.44	Area 2 Profile 6 - Medium Grass	29576
700	2008496.84	548094.07	33.55	33.00		-0.55	Area 2 Profile 6 - Medium Grass	29576
750	2008505.69	548143.35	33.61	33.00		-0.61	Area 2 Profile 6 - Medium Grass	29576
800	2008514.76	548193.34	33.64	34.00		0.36	Area 2 Profile 6 - Medium Grass	29576
850	2008520.85	548243.14	33.29	33.21		-0.09	Area 2 Profile 6 - Medium Grass	29576
900	2008529.99	548292.49	33.81	33.63		-0.17	Area 2 Profile 6 - Medium Grass	29576
950	2008536.76	548342.12	33.60	33.30		-0.30	Area 2 Profile 6 - Medium Grass	29576
1000	2008546.53	548391.39	33.01	33.00		-0.01	Area 2 Profile 6 - Medium Grass	29576
1050	2008555.92	548441.01	32.32	32.52		0.20	Area 2 Profile 6 - Medium Grass	29576
1100	2008564.46	548489.97	32.27	32.00		-0.27	Area 2 Profile 6 - Medium Grass	29576
1150	2008571.32	548540.12	32.18	32.00		-0.18	Area 2 Profile 6 - Medium Grass	29576
1200	2008580.40	548589.68	32.45	32.00		-0.45	Area 2 Profile 6 - Medium Grass	29576
0	1926830.97	496693.47	24.46	24.00		-0.46	Area 3 Profile 2 - Medium Grass	34366
50	1926781.73	496699.25	24.68	24.27		-0.41	Area 3 Profile 2 - Medium Grass	34366
100	1926731.80	496704.64	24.37	24.53		0.16	Area 3 Profile 2 - Medium Grass	34366
150	1926682.60	496712.08	24.25	24.77		0.52	Area 3 Profile 2 - Medium Grass	34366
200	1926633.20	496719.20	24.75	25.00		0.25	Area 3 Profile 2 - Medium Grass	34366
250	1926584.15	496727.04	24.51	24.83		0.32	Area 3 Profile 2 - Medium Grass	34366
300	1926534.81	496732.65	24.24	24.00		-0.24	Area 3 Profile 2 - Medium Grass	34366
350	1926485.56	496738.48	23.64	24.00		0.36	Area 3 Profile 2 - Medium Grass	34366
400	1926435.40	496745.52	23.62	24.00		0.38	Area 3 Profile 2 - Medium Grass	34366
450	1926386.08	496750.77	23.26	24.00		0.74	Area 3 Profile 2 - Medium Grass	34366
500	1926337.12	496757.37	23.24	24.00		0.76	Area 3 Profile 2 - Medium Grass	34366
550	1926287.85	496762.84	23.48	24.00		0.52	Area 3 Profile 2 - Medium Grass	34366
600	1926238.62	496768.79	23.49	24.00		0.51	Area 3 Profile 2 - Medium Grass	34366
650	1926189.24	496775.94	23.87	24.00		0.13	Area 3 Profile 2 - Medium Grass	34366
700	1926139.73	496782.07	24.10	24.05		-0.06	Area 3 Profile 2 - Medium Grass	34366
750	1926089.55	496789.25	24.10	24.00		-0.10	Area 3 Profile 2 - Medium Grass	34366

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
800	1926040.14	496796.41	23.65	24.00		0.35	Area 3 Profile 2 - Medium Grass	34366
850	1925990.89	496803.26	23.54	24.00		0.46	Area 3 Profile 2 - Medium Grass	34366
900	1925976.60	496851.21	23.69	24.00		0.31	Area 3 Profile 2 - Medium Grass	34366
950	1925975.39	496901.43	23.71	24.00		0.29	Area 3 Profile 2 - Medium Grass	34366
1000	1925976.16	496951.71	23.26	23.86		0.60	Area 3 Profile 2 - Medium Grass	34366
1050	1925975.65	497001.69	23.21	24.00		0.79	Area 3 Profile 2 - Medium Grass	34366
1100	1925975.96	497052.27	23.24	23.60		0.35	Area 3 Profile 2 - Medium Grass	34366
1150	1925977.42	497102.75	23.40	23.53		0.13	Area 3 Profile 2 - Medium Grass	34366
1200	1925978.72	497153.53	23.43	23.82		0.39	Area 3 Profile 2 - Medium Grass	34366
0	2013621.17	513103.15	27.38	28.00		0.62	Area 5 Profile 2 - Medium Grass	29269
50	2013670.53	513108.30	27.45	28.00		0.55	Area 5 Profile 2 - Medium Grass	29269
100	2013720.15	513113.33	27.61	28.00		0.39	Area 5 Profile 2 - Medium Grass	29269
150	2013769.33	513120.04	27.68	28.00		0.32	Area 5 Profile 2 - Medium Grass	29269
200	2013818.94	513125.78	27.91	28.00		0.09	Area 5 Profile 2 - Medium Grass	29269
250	2013868.50	513132.23	27.71	28.00		0.29	Area 5 Profile 2 - Medium Grass	29269
300	2013917.72	513139.32	27.95	28.00		0.05	Area 5 Profile 2 - Medium Grass	29269
350	2013967.47	513145.45	27.72	28.00		0.28	Area 5 Profile 2 - Medium Grass	29269
400	2014016.53	513152.13	27.52	28.00		0.48	Area 5 Profile 2 - Medium Grass	29269
450	2014065.84	513157.99	27.74	28.00		0.26	Area 5 Profile 2 - Medium Grass	29269
500	2014115.27	513164.17	27.47	28.00		0.53	Area 5 Profile 2 - Medium Grass	29269
550	2014164.84	513170.15	27.20	28.00		0.80	Area 5 Profile 2 - Medium Grass	29269
600	2014214.07	513176.80	28.33	28.00		-0.33	Area 5 Profile 2 - Medium Grass	29269
650	2014263.61	513183.47	27.32	28.00		0.68	Area 5 Profile 2 - Medium Grass	29269
700	2014312.84	513190.01	27.45	28.00		0.55	Area 5 Profile 2 - Medium Grass	29269
750	2014362.10	513196.74	27.44	28.00		0.56	Area 5 Profile 2 - Medium Grass	29269
800	2014411.21	513204.71	27.48	28.00		0.52	Area 5 Profile 2 - Medium Grass	29269
850	2014460.69	513214.65	27.86	28.00		0.14	Area 5 Profile 2 - Medium Grass	29269
900	2014510.68	513221.60	27.49	28.00		0.51	Area 5 Profile 2 - Medium Grass	29269

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
950	2014560.27	513228.43	27.43	28.00		0.57	Area 5 Profile 2 - Medium Grass	29269
1000	2014609.73	513235.77	27.38	28.00		0.62	Area 5 Profile 2 - Medium Grass	29269
1050	2014659.00	513242.06	27.66	28.00		0.34	Area 5 Profile 2 - Medium Grass	29269
1100	2014709.01	513249.50	27.45	28.00		0.55	Area 5 Profile 2 - Medium Grass	29269
1150	2014758.94	513255.61	27.40	28.00		0.60	Area 5 Profile 2 - Medium Grass	29269
1200	2014808.73	513263.48	27.45	28.00		0.55	Area 5 Profile 2 - Medium Grass	29269
0	2081089.20	459081.78	26.33	26.48		0.16	Area 5 Profile 7 - Medium Grass	25058
50	2081095.47	459032.51	26.65	27.00		0.35	Area 5 Profile 7 - Medium Grass	25058
100	2081101.51	458983.50	27.20	27.00		-0.20	Area 5 Profile 7 - Medium Grass	25058
150	2081107.69	458934.35	27.26	27.00		-0.26	Area 5 Profile 7 - Medium Grass	25058
200	2081113.84	458884.79	25.99	26.81		0.82	Area 5 Profile 7 - Medium Grass	25058
250	2081119.97	458835.30	26.10	26.31		0.21	Area 5 Profile 7 - Medium Grass	25058
300	2081126.01	458786.78	26.95	27.00		0.05	Area 5 Profile 7 - Medium Grass	25058
350	2081132.21	458738.71	26.32	26.97		0.65	Area 5 Profile 7 - Medium Grass	25058
400	2081137.88	458690.27	26.37	26.55		0.18	Area 5 Profile 7 - Medium Grass	25058
450	2081143.76	458642.50	26.31	27.00		0.69	Area 5 Profile 7 - Medium Grass	25058
500	2081150.24	458593.90	26.68	27.00		0.32	Area 5 Profile 7 - Medium Grass	25058
550	2081156.45	458544.73	26.72	27.00		0.28	Area 5 Profile 7 - Medium Grass	25058
600	2081162.40	458495.14	27.12	27.00		-0.12	Area 5 Profile 7 - Medium Grass	25058
650	2081168.40	458445.92	26.76	26.89		0.14	Area 5 Profile 7 - Medium Grass	25058
700	2081174.48	458396.66	27.59	27.00		-0.59	Area 5 Profile 7 - Medium Grass	25058
750	2081180.82	458347.32	26.98	26.39		-0.59	Area 5 Profile 7 - Medium Grass	25058
800	2081187.05	458298.42	25.96	26.05		0.09	Area 5 Profile 7 - Medium Grass	25058
850	2081193.04	458249.45	25.79	26.00		0.21	Area 5 Profile 7 - Medium Grass	25058
900	2081199.30	458200.71	25.83	26.00		0.17	Area 5 Profile 7 - Medium Grass	25058
950	2081205.43	458151.57	26.57	27.00		0.43	Area 5 Profile 7 - Medium Grass	25058
1000	2081157.74	458136.04	27.74	27.00		-0.74	Area 5 Profile 7 - Medium Grass	25058
1050	2081110.22	458120.80	26.30	26.25		-0.05	Area 5 Profile 7 - Medium Grass	25058

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
1100	2081063.23	458105.36	25.77	26.00		0.23	Area 5 Profile 7 - Medium Grass	25058
1150	2081015.78	458089.71	26.43	26.59		0.16	Area 5 Profile 7 - Medium Grass	25058
1200	2080969.90	458072.87	26.66	26.91		0.25	Area 5 Profile 7 - Medium Grass	25058
0	2086368.43	531991.57	16.80	16.37		-0.42	Area 6 Profile 4 - Medium Grass	24773
50	2086416.94	531980.62	16.86	16.62		-0.23	Area 6 Profile 4 - Medium Grass	24773
100	2086465.55	531970.35	17.03	16.79		-0.25	Area 6 Profile 4 - Medium Grass	24773
150	2086514.02	531959.61	17.09	16.87		-0.22	Area 6 Profile 4 - Medium Grass	24773
200	2086562.61	531948.64	17.25	16.86		-0.39	Area 6 Profile 4 - Medium Grass	24773
250	2086611.32	531937.76	17.35	16.88		-0.46	Area 6 Profile 4 - Medium Grass	24773
300	2086660.02	531927.17	17.47	17.00		-0.47	Area 6 Profile 4 - Medium Grass	24773
350	2086709.03	531916.57	17.55	17.00		-0.55	Area 6 Profile 4 - Medium Grass	24773
400	2086757.60	531905.41	17.66	17.00		-0.66	Area 6 Profile 4 - Medium Grass	24773
450	2086806.39	531894.98	17.80	17.14		-0.66	Area 6 Profile 4 - Medium Grass	24773
500	2086855.12	531884.25	17.82	17.25		-0.58	Area 6 Profile 4 - Medium Grass	24773
550	2086903.94	531873.38	17.88	17.35		-0.54	Area 6 Profile 4 - Medium Grass	24773
600	2086952.80	531862.24	18.01	17.44		-0.57	Area 6 Profile 4 - Medium Grass	24773
650	2087001.56	531851.54	17.96	17.55		-0.41	Area 6 Profile 4 - Medium Grass	24773
700	2087050.13	531840.11	17.95	17.65		-0.30	Area 6 Profile 4 - Medium Grass	24773
750	2087098.49	531829.79	18.01	17.69		-0.33	Area 6 Profile 4 - Medium Grass	24773
800	2087147.39	531819.25	17.91	17.68		-0.24	Area 6 Profile 4 - Medium Grass	24773
850	2087195.64	531808.90	18.05	17.67		-0.38	Area 6 Profile 4 - Medium Grass	24773
900	2087244.64	531798.10	17.63	17.67		0.05	Area 6 Profile 4 - Medium Grass	24773
950	2087293.53	531787.72	17.69	17.61		-0.08	Area 6 Profile 4 - Medium Grass	24773
1000	2087342.25	531777.34	17.69	17.53		-0.16	Area 6 Profile 4 - Medium Grass	24773
1050	2087391.07	531767.36	17.83	17.46		-0.38	Area 6 Profile 4 - Medium Grass	24773
1100	2087439.62	531756.68	17.87	17.40		-0.47	Area 6 Profile 4 - Medium Grass	24773
1150	2087488.03	531745.61	17.61	17.30		-0.32	Area 6 Profile 4 - Medium Grass	24773
1200	2087536.51	531734.57	17.69	17.09		-0.61	Area 6 Profile 4 - Medium Grass	24773

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
0	2068526.96	526016.50	40.77	40.21		-0.56	Area 6 Profile 6 - Medium Grass	25972
50	2068554.74	525975.17	40.59	40.59		0.00	Area 6 Profile 6 - Medium Grass	25972
100	2068583.79	525934.58	40.87	40.86		-0.01	Area 6 Profile 6 - Medium Grass	25972
150	2068612.24	525893.37	41.18	40.84		-0.34	Area 6 Profile 6 - Medium Grass	25972
200	2068641.52	525853.37	40.96	40.98		0.01	Area 6 Profile 6 - Medium Grass	25972
250	2068670.48	525812.62	41.01	40.75		-0.25	Area 6 Profile 6 - Medium Grass	25972
300	2068698.44	525771.27	41.04	40.34		-0.70	Area 6 Profile 6 - Medium Grass	25972
350	2068726.77	525730.43	40.79	40.35		-0.44	Area 6 Profile 6 - Medium Grass	25972
400	2068755.35	525689.55	41.00	40.64		-0.36	Area 6 Profile 6 - Medium Grass	25972
450	2068784.05	525648.99	41.14	40.99		-0.15	Area 6 Profile 6 - Medium Grass	25972
500	2068813.57	525609.03	40.96	40.52		-0.45	Area 6 Profile 6 - Medium Grass	25972
550	2068844.69	525570.12	40.86	40.37		-0.50	Area 6 Profile 6 - Medium Grass	25972
600	2068879.31	525534.91	40.39	40.01		-0.38	Area 6 Profile 6 - Medium Grass	25972
650	2068918.35	525504.09	39.96	39.50		-0.46	Area 6 Profile 6 - Medium Grass	25972
700	2068961.71	525479.72	40.10	39.81		-0.30	Area 6 Profile 6 - Medium Grass	25972
750	2069007.67	525461.10	39.91	40.00		0.09	Area 6 Profile 6 - Medium Grass	25972
800	2069055.07	525446.37	39.96	40.00		0.04	Area 6 Profile 6 - Medium Grass	25972
850	2069103.53	525435.82	40.06	40.00		-0.06	Area 6 Profile 6 - Medium Grass	25972
900	2069152.23	525427.23	40.29	40.00		-0.29	Area 6 Profile 6 - Medium Grass	25972
950	2069201.05	525418.80	40.45	40.00		-0.45	Area 6 Profile 6 - Medium Grass	25972
1000	2069250.14	525409.71	40.50	40.00		-0.50	Area 6 Profile 6 - Medium Grass	25972
1050	2069298.75	525399.86	40.69	40.01		-0.67	Area 6 Profile 6 - Medium Grass	25972
1100	2069347.39	525390.51	40.74	40.00		-0.74	Area 6 Profile 6 - Medium Grass	25972
1150	2069396.57	525381.81	40.52	39.99		-0.52	Area 6 Profile 6 - Medium Grass	25972
1200	2069445.57	525372.07	40.54	40.00		-0.54	Area 6 Profile 6 - Medium Grass	25972
0	1984850.61	547767.69	27.71	28.00		0.29	Area 7 Profile 10 - Medium Grass	31076
50	1984897.52	547751.15	27.66	28.00		0.34	Area 7 Profile 10 - Medium Grass	31076
100	1984944.42	547734.38	27.91	28.00		0.09	Area 7 Profile 10 - Medium Grass	31076

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
150	1984991.43	547717.73	27.89	28.00		0.11	Area 7 Profile 10 - Medium Grass	31076
200	1985038.38	547700.99	27.96	28.00		0.04	Area 7 Profile 10 - Medium Grass	30776
250	1985085.19	547684.37	27.99	28.00		0.01	Area 7 Profile 10 - Medium Grass	30776
300	1985131.97	547667.99	28.16	28.00		-0.16	Area 7 Profile 10 - Medium Grass	30776
350	1985178.84	547651.47	28.00	28.00		0.00	Area 7 Profile 10 - Medium Grass	30776
400	1985225.75	547635.28	27.97	28.00		0.03	Area 7 Profile 10 - Medium Grass	30776
450	1985272.51	547618.89	28.00	28.00		0.00	Area 7 Profile 10 - Medium Grass	30776
500	1985319.47	547602.28	28.02	28.00		-0.02	Area 7 Profile 10 - Medium Grass	30776
550	1985366.23	547585.86	28.05	28.00		-0.05	Area 7 Profile 10 - Medium Grass	30776
600	1985412.76	547568.55	28.02	28.00		-0.02	Area 7 Profile 10 - Medium Grass	30776
650	1985459.47	547551.68	28.01	28.00		-0.01	Area 7 Profile 10 - Medium Grass	30776
700	1985506.33	547535.38	27.88	28.00		0.12	Area 7 Profile 10 - Medium Grass	30776
750	1985553.13	547518.48	28.02	28.00		-0.02	Area 7 Profile 10 - Medium Grass	30776
800	1985599.79	547501.57	28.04	28.00		-0.04	Area 7 Profile 10 - Medium Grass	30776
800	1985646.64	547485.21	27.77	28.00		0.23	Area 7 Profile 10 - Medium Grass	30776
850	1985693.87	547469.76	27.89	28.00		0.11	Area 7 Profile 10 - Medium Grass	30776
900	1985740.70	547453.13	27.95	28.00		0.05	Area 7 Profile 10 - Medium Grass	30776
950	1985787.67	547436.62	27.70	28.00		0.30	Area 7 Profile 10 - Medium Grass	30776
1000	1985834.72	547420.77	27.99	28.00		0.01	Area 7 Profile 10 - Medium Grass	30776
1050	1985882.12	547405.28	27.90	28.00		0.10	Area 7 Profile 10 - Medium Grass	30776
1100	1985928.77	547388.69	28.14	28.00		-0.14	Area 7 Profile 10 - Medium Grass	30776
1150	1985975.56	547372.24	28.10	28.00		-0.10	Area 7 Profile 10 - Medium Grass	30776
1200	1986022.38	547355.96	28.10	28.00		-0.10	Area 7 Profile 10 - Medium Grass	30776
GS	2014870.18	566865.46	11.62	11.24		-0.38	Area 2 Profile 3 - Dense Trees	29280
GS	2014819.87	566866.39	11.17	11.44		0.27	Area 2 Profile 3 - Dense Trees	29280
GS	2014770.13	566867.31	11.12	11.31		0.20	Area 2 Profile 3 - Dense Trees	29280
GS	2014720.28	566868.23	10.94	11.10		0.15	Area 2 Profile 3 - Dense Trees	29280
GS	2014670.39	566869.16	9.56	10.00		0.44	Area 2 Profile 3 - Dense Trees	29280

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
GS	2014620.42	566870.08	11.30	11.00		-0.30	Area 2 Profile 3 - Dense Trees	29280
GS	2014570.53	566871.00	10.21	10.33		0.12	Area 2 Profile 3 - Dense Trees	29280
GS	2014520.73	566871.92	8.34	8.67		0.33	Area 2 Profile 3 - Dense Trees	29280
GS	2014470.83	566872.85	8.18	8.24		0.06	Area 2 Profile 3 - Dense Trees	29280
GS	2014420.82	566873.77	9.31	9.59		0.28	Area 2 Profile 3 - Dense Trees	29280
GS	2014370.81	566874.70	11.94	11.85		-0.10	Area 2 Profile 3 - Dense Trees	29280
GS	2014320.91	566875.62	12.03	11.97		-0.06	Area 2 Profile 3 - Dense Trees	29280
GS	2014271.09	566876.54	11.49	11.00		-0.49	Area 2 Profile 3 - Dense Trees	29280
GS	2014220.94	566877.47	10.92	11.00		0.08	Area 2 Profile 3 - Dense Trees	29280
GS	2014171.15	566881.63	12.00	12.01		0.01	Area 2 Profile 3 - Dense Trees	29280
GS	2014121.33	566885.86	14.58	14.17		-0.41	Area 2 Profile 3 - Dense Trees	29280
GS	2014071.83	566890.63	15.48	15.25		-0.23	Area 2 Profile 3 - Dense Trees	29280
GS	2014023.12	566879.85	13.59	13.99		0.40	Area 2 Profile 3 - Dense Trees	29280
GS	2013973.35	566878.52	14.37	14.44		0.07	Area 2 Profile 3 - Dense Trees	29280
GS	2013923.52	566881.31	15.83	15.82		-0.01	Area 2 Profile 3 - Dense Trees	29280
GS	2013874.04	566885.71	15.12	15.00		-0.12	Area 2 Profile 3 - Dense Trees	29280
GS	2013824.44	566887.30	14.43	14.26		-0.17	Area 2 Profile 3 - Dense Trees	29280
GS	2013774.74	566888.18	12.97	13.01		0.05	Area 2 Profile 3 - Dense Trees	29280
GS	2013725.06	566886.19	10.84	10.95		0.12	Area 2 Profile 3 - Dense Trees	29280
GS	2013675.23	566885.99	10.36	10.62		0.26	Area 2 Profile 3 - Dense Trees	29280
GS	1983935.69	521152.20	32.86	32.32		-0.54	Area 3 Profile 5 - Dense Trees	31071
GS	1983935.79	521152.20	32.86	32.32		-0.54	Area 3 Profile 5 - Dense Trees	31071
GS	1983935.89	521201.82	32.40	32.60		0.20	Area 3 Profile 5 - Dense Trees	31071
GS	1983935.99	521251.48	32.49	32.81		0.32	Area 3 Profile 5 - Dense Trees	31071
GS	1983936.09	521301.91	32.22	33.00		0.78	Area 3 Profile 5 - Dense Trees	31071
GS	1983936.20	521351.82	32.43	33.00		0.57	Area 3 Profile 5 - Dense Trees	31071
GS	1983936.30	521401.94	32.27	33.00		0.73	Area 3 Profile 5 - Dense Trees	31071
GS	1983936.40	521452.06	32.45	33.00		0.55	Area 3 Profile 5 - Dense Trees	31071

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
GS	1983936.50	521502.03	32.61	33.00		0.39	Area 3 Profile 5 - Dense Trees	31071
GS	1983936.60	521551.87	33.01	33.00		-0.01	Area 3 Profile 5 - Dense Trees	31071
GS	1983936.70	521601.82	32.94	33.00		0.06	Area 3 Profile 5 - Dense Trees	31071
GS	1983940.68	521651.39	32.67	33.00		0.33	Area 3 Profile 5 - Dense Trees	31071
GS	1983942.70	521701.46	32.78	33.00		0.22	Area 3 Profile 5 - Dense Trees	31071
GS	1983944.81	521751.25	33.02	33.00		-0.02	Area 3 Profile 5 - Dense Trees	31071
GS	1983946.64	521801.15	32.94	33.00		0.06	Area 3 Profile 5 - Dense Trees	31071
GS	1983948.80	521851.37	32.97	33.21		0.24	Area 3 Profile 5 - Dense Trees	31071
GS	1983950.81	521901.05	33.38	33.47		0.09	Area 3 Profile 5 - Dense Trees	31071
GS	1983952.70	521951.90	33.29	33.47		0.17	Area 3 Profile 5 - Dense Trees	31071
GS	1983956.45	522002.58	33.35	33.34		-0.01	Area 3 Profile 5 - Dense Trees	31071
GS	1983958.52	522052.57	33.21	33.20		-0.01	Area 3 Profile 5 - Dense Trees	31071
GS	1983960.71	522102.61	33.29	33.07		-0.22	Area 3 Profile 5 - Dense Trees	31071
GS	1983962.93	522152.44	33.41	33.00		-0.41	Area 3 Profile 5 - Dense Trees	31071
GS	1983965.07	522201.34	33.05	33.00		-0.05	Area 3 Profile 5 - Dense Trees	31071
GS	1983967.16	522251.72	32.82	33.02		0.20	Area 3 Profile 5 - Dense Trees	31071
GS	1983969.28	522301.18	32.88	33.07		0.19	Area 3 Profile 5 - Dense Trees	31071
0	2103471.71	527242.69	19.56	19.00		-0.56	Area 4 Profile 2 - Dense Trees	23872
50	2103521.18	527241.66	18.88	19.00		0.12	Area 4 Profile 2 - Dense Trees	23872
100	2103571.11	527239.20	18.29	19.00		0.71	Area 4 Profile 2 - Dense Trees	23872
150	2103621.07	527236.13	18.52	19.00		0.48	Area 4 Profile 2 - Dense Trees	23872
200	2103671.23	527231.77	18.91	19.00		0.09	Area 4 Profile 2 - Dense Trees	23872
250	2103721.47	527229.94	19.10	19.00		-0.10	Area 4 Profile 2 - Dense Trees	23872
300	2103771.13	527226.49	18.93	19.00		0.07	Area 4 Profile 2 - Dense Trees	23872
350	2103821.49	527223.18	19.03	19.00		-0.03	Area 4 Profile 2 - Dense Trees	23872
400	2103870.42	527220.09	18.74	19.00		0.26	Area 4 Profile 2 - Dense Trees	23872
450	2103920.62	527217.47	18.59	19.00		0.41	Area 4 Profile 2 - Dense Trees	23872
500	2103970.63	527214.34	18.48	18.63		0.15	Area 4 Profile 2 - Dense Trees	23872

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
550	2104020.35	527210.67	18.29	18.18		-0.11	Area 4 Profile 2 - Dense Trees	23872
600	2104069.08	527206.33	16.79	17.08		0.29	Area 4 Profile 2 - Dense Trees	23872
650	2104124.00	527204.71	17.74	17.49		-0.25	Area 4 Profile 2 - Dense Trees	23872
700	2104173.58	527209.24	17.28	16.53		-0.75	Area 4 Profile 2 - Dense Trees	23872
750	2104223.68	527205.58	18.32	18.00		-0.32	Area 4 Profile 2 - Dense Trees	23872
800	2104271.46	527214.17	17.34	18.00		0.66	Area 4 Profile 2 - Dense Trees	23872
850	2104320.20	527223.86	17.42	17.99		0.57	Area 4 Profile 2 - Dense Trees	23872
900	2104369.32	527233.19	17.11	17.67		0.56	Area 4 Profile 2 - Dense Trees	23872
950	2104418.61	527241.65	17.97	17.83		-0.15	Area 4 Profile 2 - Dense Trees	23872
1000	2104468.37	527250.44	17.41	18.00		0.59	Area 4 Profile 2 - Dense Trees	23872
1050	2104515.96	527261.31	17.20	17.64		0.44	Area 4 Profile 2 - Dense Trees	23872
1100	2104565.18	527270.33	16.81	17.00		0.19	Area 4 Profile 2 - Dense Trees	23872
1150	2104614.37	527280.40	16.89	17.00		0.11	Area 4 Profile 2 - Dense Trees	23872
1200	2104663.89	527289.29	16.37	17.00		0.63	Area 4 Profile 2 - Dense Trees	23872
0	2030439.49	475725.69	10.62	11.00		0.38	Area 5 Profile 4 - Dense Trees	28062
50	2030442.15	475774.09	11.16	11.00		-0.16	Area 5 Profile 4 - Dense Trees	28062
100	2030441.72	475823.64	10.80	11.00		0.20	Area 5 Profile 4 - Dense Trees	28062
150	2030443.67	475873.56	10.56	11.00		0.44	Area 5 Profile 4 - Dense Trees	28062
200	2030442.52	475924.11	10.58	10.91		0.33	Area 5 Profile 4 - Dense Trees	28062
250	2030444.54	475973.06	11.98	11.84		-0.14	Area 5 Profile 4 - Dense Trees	28062
300	2030444.30	476023.03	10.51	10.86		0.35	Area 5 Profile 4 - Dense Trees	28062
350	2030450.14	476073.45	10.42	10.38		-0.04	Area 5 Profile 4 - Dense Trees	28062
400	2030452.57	476122.20	10.39	10.75		0.36	Area 5 Profile 4 - Dense Trees	28062
450	2030455.90	476172.10	10.40	11.00		0.60	Area 5 Profile 4 - Dense Trees	28062
500	2030458.53	476221.69	10.49	11.00		0.51	Area 5 Profile 4 - Dense Trees	28062
550	2030463.22	476271.94	10.79	10.93		0.14	Area 5 Profile 4 - Dense Trees	28062
600	2030466.56	476320.06	11.08	11.00		-0.08	Area 5 Profile 4 - Dense Trees	28062
650	2030473.16	476370.61	10.17	10.85		0.68	Area 5 Profile 4 - Dense Trees	28062

Contour Accuracy Analysis								
Station	Survey (US SV FT)			LiDAR Elev.	Residual Error (US SV FT)		Feature	Tile
Name	Northing	Easting	Elevation	(US SV FT)	Unobscured	Obscured		
700	2030474.82	476421.24	10.17	10.49		0.32	Area 5 Profile 4 - Dense Trees	28062
750	2030483.29	476470.18	10.25	10.14		-0.12	Area 5 Profile 4 - Dense Trees	28062
800	2030484.79	476519.22	10.02	10.00		-0.02	Area 5 Profile 4 - Dense Trees	28062
850	2030488.35	476569.65	9.90	10.14		0.24	Area 5 Profile 4 - Dense Trees	28062
900	2030488.33	476619.00	9.85	10.00		0.15	Area 5 Profile 4 - Dense Trees	28062
950	2030490.14	476669.19	9.50	10.00		0.50	Area 5 Profile 4 - Dense Trees	28062
1000	2030491.92	476718.91	9.41	10.00		0.59	Area 5 Profile 4 - Dense Trees	28062
1050	2030497.50	476770.97	10.19	10.07		-0.11	Area 5 Profile 4 - Dense Trees	28062
1100	2030497.14	476818.96	9.47	10.00		0.53	Area 5 Profile 4 - Dense Trees	28062

EXHIBIT A:

ALS50 LIDAR FLIGHT PLAN AND GROUND CONTROL DIAGRAM

The ALS50 LiDAR Flight Plan and Ground Control Diagram is shown on the following page.

EXHIBIT B:

ADS40/51 DIGITAL IMAGERY FLIGHT PLAN AND GROUND CONTROL DIAGRAM

The ADS40/51 Digital Imagery Flight Plan and Ground Control Diagram is shown on the following page.

