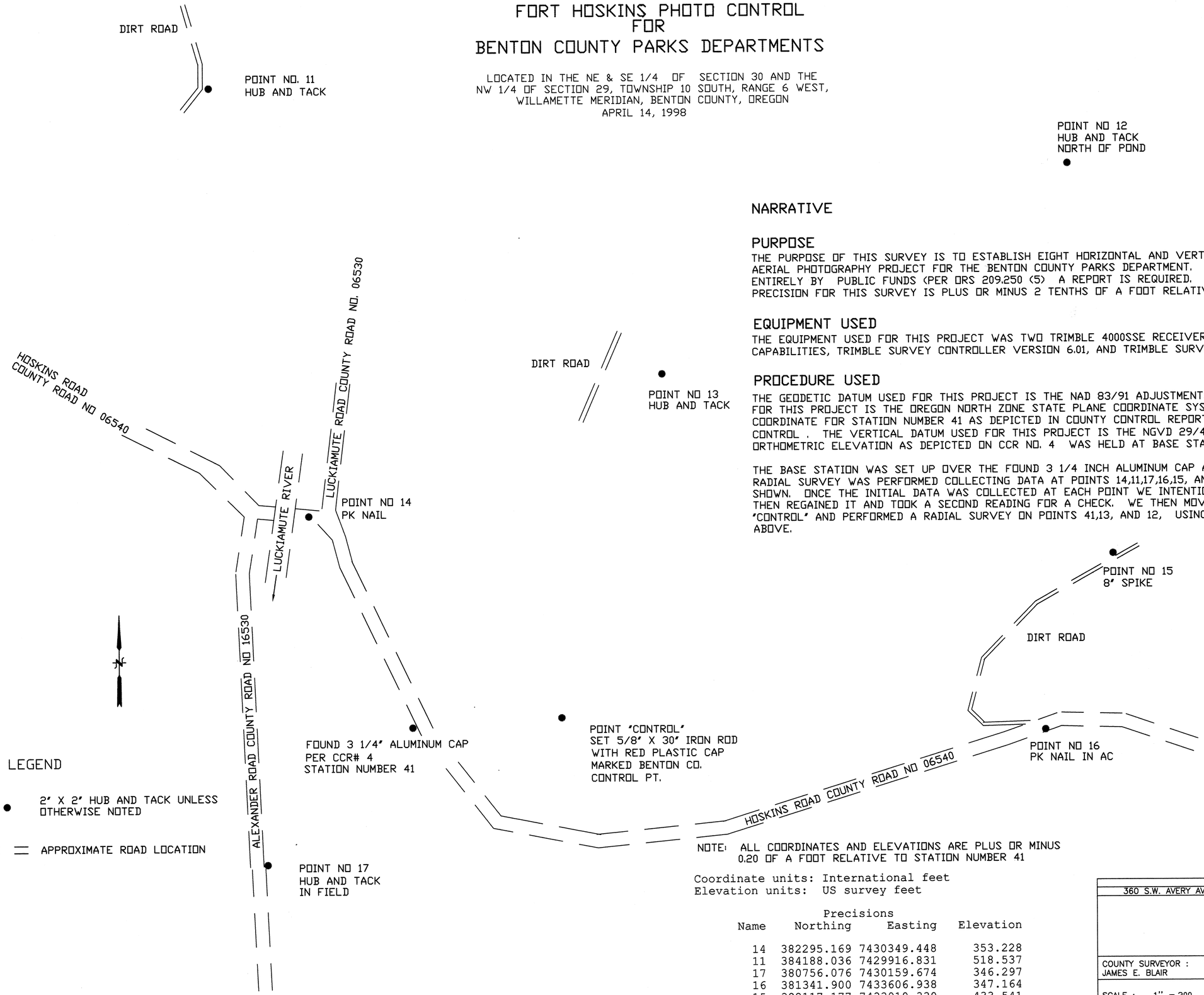
CCR 18
FILED 5-22-1998

FORT HOSKINS PHOTO CONTROL
FOR
BENTON COUNTY PARKS DEPARTMENTS

LOCATED IN THE NE & SE 1/4 OF SECTION 30 AND THE
NW 1/4 OF SECTION 29, TOWNSHIP 10 SOUTH, RANGE 6 WEST,
WILLAMETTE MERIDIAN, BENTON COUNTY, OREGON
APRIL 14, 1998



NARRATIVE

PURPOSE

THE PURPOSE OF THIS SURVEY IS TO ESTABLISH EIGHT HORIZONTAL AND VERTICAL CONTROL POINTS FOR AN AERIAL PHOTOGRAPHY PROJECT FOR THE BENTON COUNTY PARKS DEPARTMENT. SINCE THIS PROJECT IS FUNDED ENTIRELY BY PUBLIC FUNDS (PER ORS 209.250 (5) A REPORT IS REQUIRED. THE HORIZONTAL AND VERTICAL PRECISION FOR THIS SURVEY IS PLUS OR MINUS 2 TENTHS OF A FOOT RELATIVE TO STATION NUMBER 41.

EQUIPMENT USED

THE EQUIPMENT USED FOR THIS PROJECT WAS TWO TRIMBLE 4000SSE RECEIVERS WITH REAL TIME CAPABILITIES, TRIMBLE SURVEY CONTROLLER VERSION 6.01, AND TRIMBLE SURVEY OFFICE SOFTWARE.

PROCEDURE USED

THE GEODETIC DATUM USED FOR THIS PROJECT IS THE NAD 83/91 ADJUSTMENT. THE COORDINATE SYSTEM FOR THIS PROJECT IS THE OREGON NORTH ZONE STATE PLANE COORDINATE SYSTEM. THE STATE PLANE COORDINATE FOR STATION NUMBER 41 AS DEPICTED IN COUNTY CONTROL REPORT NO. 4 WAS HELD FOR CONTROL . THE VERTICAL DATUM USED FOR THIS PROJECT IS THE NGVD 29/47 ADJUSTMENT. THE ORTHOMETRIC ELEVATION AS DEPICTED ON CCR NO. 4 WAS HELD AT BASE STATION NUMBER 41.

THE BASE STATION WAS SET UP OVER THE FOUND 3 1/4 INCH ALUMINUM CAP AT STATION NUMBER 41 AND A RADIAL SURVEY WAS PERFORMED COLLECTING DATA AT POINTS 14,11,17,16,15, AND POINT "CONTROL" AS SHOWN. ONCE THE INITIAL DATA WAS COLLECTED AT EACH POINT WE INTENTIONALLY LOST INITIALIZATION THEN REGAINED IT AND TOOK A SECOND READING FOR A CHECK. WE THEN MOVED THE BASE STATION TO POINT "CONTROL" AND PERFORMED A RADIAL SURVEY ON POINTS 41,13, AND 12, USING THE SAME PROCEDURE AS ABOVE.

NOTE: ALL COORDINATES AND ELEVATIONS ARE PLUS OR MINUS 0.20 OF A FOOT RELATIVE TO STATION NUMBER 41

Coordinate units: International feet
Elevation units: US survey feet

Name	Northing	Easting	Elevation
	Precisions		
14	382295.169	7430349.448	353.228
11	384188.036	7429916.831	518.537
17	380756.076	7430159.674	346.297
16	381341.900	7433606.938	347.164
15	382117.177	7433910.330	433.541
CONTROL	381403.058	7431464.106	423.092
STATION NUMBER 41	381360.149	7430804.131	362.185
13	382917.972	7431916.788	608.743
12	383838.623	7433717.221	592.172

REGISTERED
PROFESSIONAL
LAND SURVEYOR
Raymond E. Wilson
OREGON
JULY 18, 1980
RAYMOND E. WILSON
1924
Renewal 6-30-98

BENTON COUNTY PUBLIC WORKS
360 S.W. AVERY AVENUE CORVALLIS OREGON 97333-1192 757-6821

FORT HOSKINS
PHOTO CONTROL

COUNTY SURVEYOR : JAMES E. BLAIR	PROJECT MANAGER : RAY WILSON_
SCALE : 1" = 300	DRAWN BY : RAY WILSON_
PROJECT DATE : 4-14-98	DRAWING FILE NAME :
PLOT DATE :	SHEET 1 OF 1