

POINT	NORTHING	EASTING	DESCRIPTION	RECORD REFERENCE
201	507087.3789'	8869034.5582'	ALUMINUM CAP	SURVEY 20-83
202	507394.7474'	8868778.8099'	BRASS CAP	SURVEY 50-79
203	507702.0048'	8868523.1301'	BRASS CAP	SURVEY 50-79
204	507394.5841'	8868154.6390'	BRASS CAP	SURVEY 50-79
205	507087.4292'	8868410.5431'	BRASS CAP	SURVEY 50-79
206	506998.1923'	8868366.1751'	BRASS CAP	SURVEY 88-77
208	507085.5297'	8867783.8123'	ALUMINUM CAP	SURVEY 177
209	507029.1621'	8867778.7937'	5/8" IRON ROD WITH YPC	SURVEY 028-2013
210	506778.7310'	8868040.7772'	ALUMINUM CAP	SURVEY 88-77
211	506783.7993'	8867984.3525'	5/8" IRON ROD WITH YPC	SURVEY 028-2013
212	506472.1678'	8868297.4549'	ALUMINUM CAP	SURVEY 20-83
213	507399.9561'	8868722.5803'	BRASS SCREW IN LEAD	SURVEY 86-79
214	506773.7968'	8868097.3077'	5/8" IRON ROD WITH YPC	NO REF. FOUND
215	507645.6641'	8868517.7793'	5/8" IRON ROD	SURVEY 50-79

BASIS OF BEARINGS

SURVEY DATUM BASED ON, OREGON STATE PLANE COORDINATE SYSTEM-NAD 83 (CORS 96), NORTH ZONE, WITH REFERENCE TO THE ORGN CORS CONTROL NETWORK. BEARINGS ARE GRID RELATIVE TO THE OREGON STATE PLANE COORDINATE SYSTEM NORTH ZONE. DUE TO THE SMALL SIZE OF THE PROJECT THESE CONTROL POINTS WERE NOT ADJUSTED TO GROUND COORDINATES.

SURVEY NARRATIVE

THIS SURVEY WAS PREPARED AT THE REQUEST OF OREGON DEPARTMENT OF TRANSPORTATION, IN ACCORDANCE WITH ORS 209.150 WHICH REQUIRES ANY PERSON OR PUBLIC AGENCY REMOVING, DISTURBING OR DESTROYING A MONUMENT OF RECORD, TO PERPETUATE OR REPLACE SAID MONUMENT.

OREGON DEPARTMENT OF TRANSPORTATION FUNDED A SIDEWALK IMPROVEMENTS PROJECT IN NORTH POWDER. THIS SURVEY DOCUMENTS THE LOCATION AND CHARACTER OF FOURTEEN MONUMENTS WHICH WERE FOUND IN THE COURSE OF SURVEYING FOR THE DESIGN AND CONSTRUCTION OF THIS PROJECT.

AN INITIAL SURVEY CONTROL NETWORK WAS ESTABLISHED WITH REDUNDANT ORGN GPS OBSERVATIONS ON CONTROL POINTS THROUGHOUT THE PROJECT. MONUMENT RECOVERY WAS COMPLETED USING A TRIMBLE S6 ROBOTIC TOTAL STATION WITH A STANDARD DEVIATION OF 0°00'03" IN ANGULAR ERROR, AND 0.01 FT+3PPM IN DISTANCE. THE LOCATION OF THE MONUMENTS LISTED IN THIS SURVEY WERE VERIFIED WITH REDUNDANT MEASUREMENTS AS AN INDEPENDENT CHECK ON SAID LOCATIONS. MONUMENT REPLACEMENT WAS ACCOMPLISHED BY CREATING A GPS LOCALIZATION TO THE CONTROL NETWORK WITH A TOPCON HIPER GPS UNIT, AND THEN STAKING OUT THE REPLACED MONUMENTS AND CHECKING WITH REDUNDANT OBSERVATIONS.

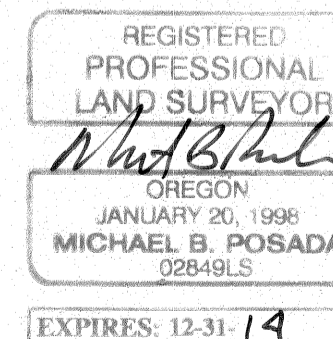
EVERY EFFORT WAS MADE BY THE CONSTRUCTION CONTRACTOR TO PREVENT THE DESTRUCTION OF THESE MONUMENTS. HOWEVER, THREE WERE REMOVED, AND THEY WERE REPLACED, OR PERPETUATED AS SHOWN HEREON.

REFERENCES

- SURVEY 028-2013
- SURVEY 030-1997
- SURVEY 002-1995
- SURVEY 20-83
- SURVEY 035-2002
- SURVEY 035-2002
- SURVEY 88-77
- SURVEY 50-79
- SURVEY 86-79
- SURVEY 177
- MINOR PARTITION 1997-04
- PLAT OF THE TOWN OF NORTH POWDER-BK. 1; PG. 17

UNION COUNTY SURVEYOR	
Date Received	12/16/13
Date Filed	12/17/13
By	M.G. Whinn
File No.	057-2013

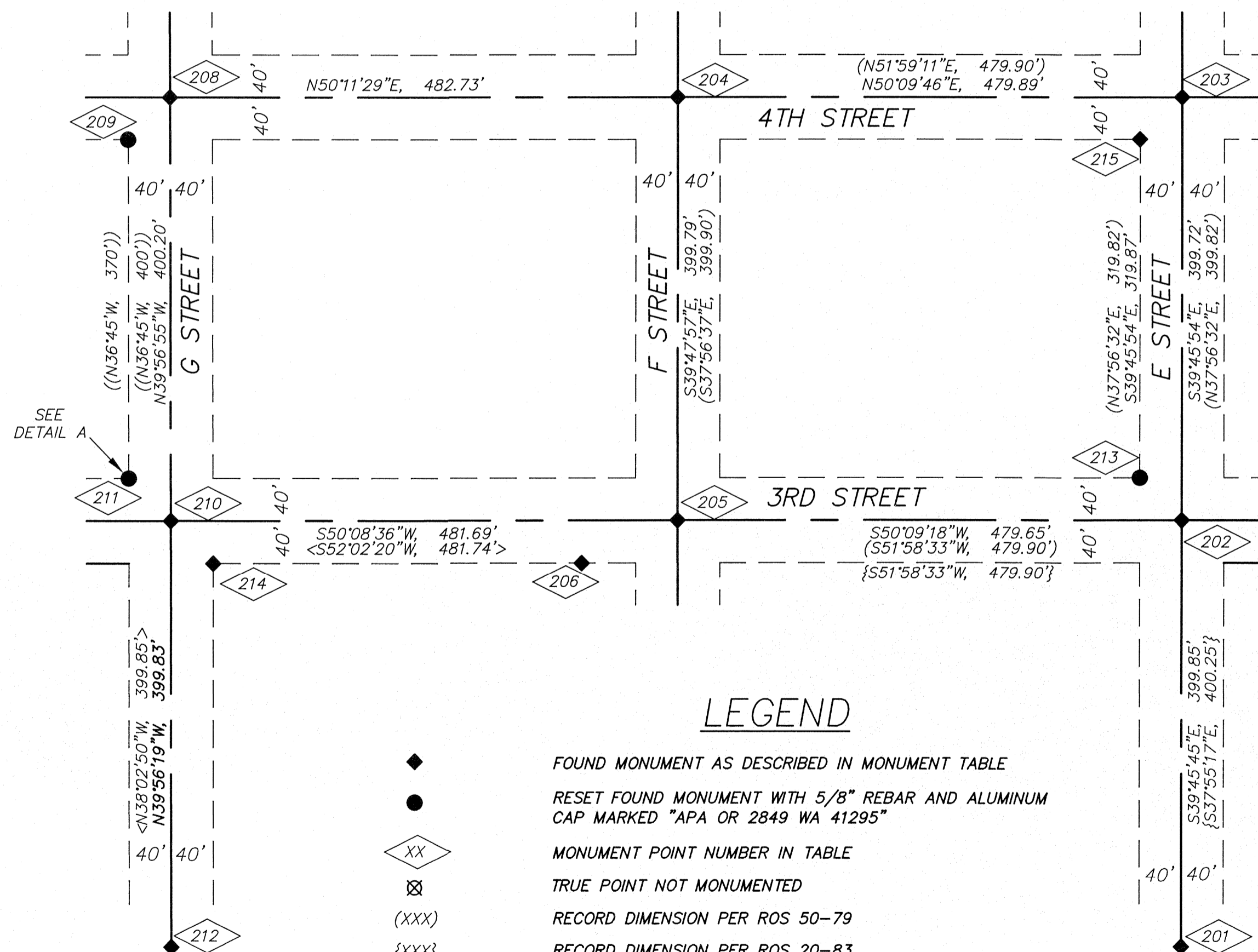
DATED: 12-16-2013



MAP OF SURVEY
MONUMENT RECOVERY AND CONTROL SURVEY
NORTH POWDER SAFE ROUTES TO SCHOOL,
BAKER COUNTY OREGON
IN THE NE 1/4, SECTION 22, T.6S., R.39E. W.M.,

OREGON DEPARTMENT OF TRANSPORTATION		10513 N. McALISTER RD ISLAND CITY, OR. 97830
SCALE: 1" = 100'	<p>Anderson Perry Associates, Inc. ENGINEERING - SURVEYING - MATERIALS TESTING LA GRANDE, OR. WALLA WALLA, WA.</p>	SHEET 1/1
DATE: DECEMBER, 2013		
JOB NO. 863-127		

SURVEY NUMBER 057-2013



LEGEND

- ◆ FOUND MONUMENT AS DESCRIBED IN MONUMENT TABLE
- RESET FOUND MONUMENT WITH 5/8" REBAR AND ALUMINUM CAP MARKED "APA OR 2849 WA 41295"
- XX MONUMENT POINT NUMBER IN TABLE
- ⊗ TRUE POINT NOT MONUMENTED
- (XXX) RECORD DIMENSION PER ROS 50-79
- {XXX} RECORD DIMENSION PER ROS 20-83
- <XXX> RECORD DIMENSION PER ROS 88-77
- ((XXX)) RECORD DIMENSION PER ROS 86-177
- INDICATES ROAD RIGHT-OF-WAY
- INDICATES ROAD CENTERLINE