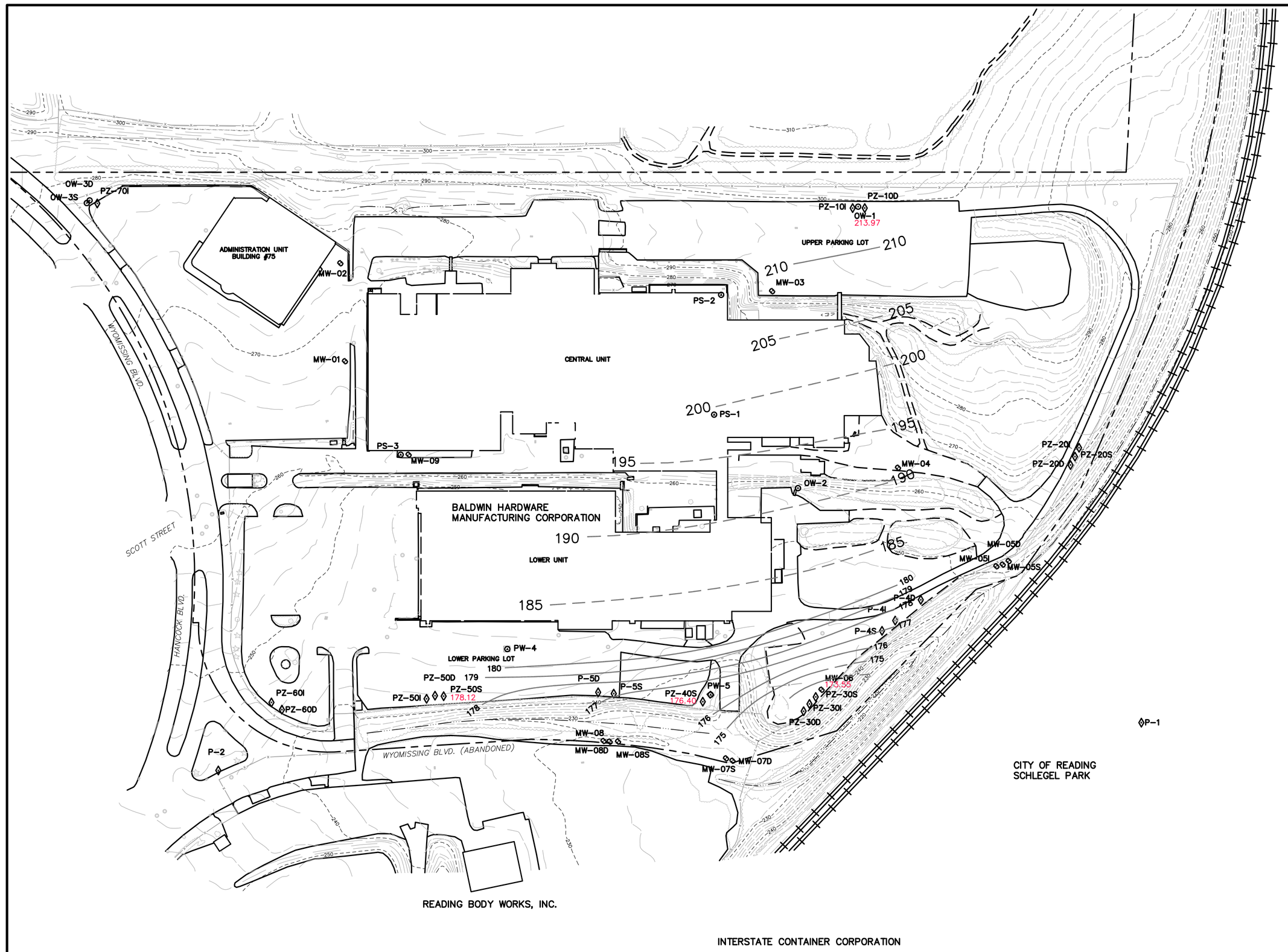
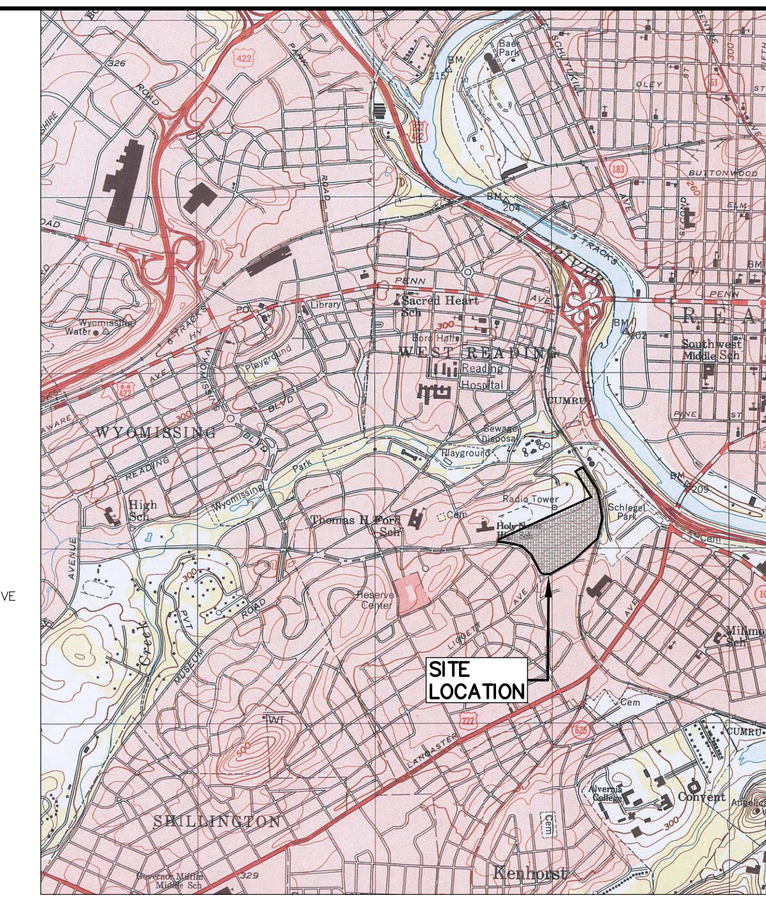


LEGEND

- BUILDING OUTLINE
- UTILITIES/EQUIPMENT
- PROPERTY LINE
- CONTOUR
- FENCE LINE
- GUARD RAIL
- BITUMINOUS PAVEMENT
- DIRT ROAD / CLEARING
- TREE LINE
- SWALE
- RAILROAD
- MANHOLE
- CATCH BASIN
- DECIDUOUS TREE
- CONIFEROUS TREE
- SHRUB/BUSH
- EXISTING MONITORING WELL
- EXISTING PIEZOMETER
- EXISTING OBSERVATION WELL
- EXISTING PRODUCTION WELL
- 200 — LINE OF EQUAL GROUNDWATER ELEVATION IN FEET RELATIVE TO MEAN SEA LEVEL DATUM (DASHED WHERE INFERRED)



MAP REFERENCE:
USGS 7.5 MINUTE SERIES QUADRANGLE
MAP FOR READING, PENNSYLVANIA
DATED 1999 SCALED 1:24000

1000 0 1000 2000 3000
SCALE IN FEET (APPROXIMATE)

NOTES:
1. CONTOUR INTERVAL CHANGES FROM 1 FOOT TO 5 FEET AFTER THE 180 FOOT CONTOUR.
2. BEDROCK PRODUCTION WELLS WERE NOT PUMPING AT THE TIME OF GROUNDWATER MEASUREMENT.

GROUNDWATER ELEVATIONS – NOVEMBER 27, 2005

Well	Ground Surface (ft.amsl)	Top of Casing (ft.amsl)	Depth-to-Water (ft. below TOC)	Groundwater Elevation (ft.amsl)
OW-1	299.21	302.46	66.06	236.40
OW-2	259.23	262.04	55.53	206.51
OW-3D	277.38	279.72	42.52	237.20
OW-3S	277.34	279.64	46.52	233.12
P-1	217.31	217.19	32.73	184.46
P-2	243.67	243.37	NM	NM
P-3D	202.52	202.08	12.08	190.00
P-3I	202.42	202.03	14.72	187.31
P-3S	202.37	201.88	11.88	190.00
P-4D	248.12	249.44	64.88	184.56
P-4I	246.74	249.43	75.93	173.50
P-4S	246.76	249.37	76.02	173.35
P-5D	242.60	242.42	69.38	173.04
P-5S	241.70	241.56	68.34	173.22
PZ-10D	299.36	298.74	69.54	229.20
PZ-10I	298.93	298.68	73.59	225.09
PZ-20D	270.12	269.47	61.31	208.16
PZ-20I	268.83	268.46	64.14	204.32
PZ-20S	267.59	267.46	57.69	209.77
PZ-30D	244.19	244.98	60.52	184.46
PZ-30I	244.58	246.61	73.08	173.53
PZ-30S	244.77	246.02	72.55	173.47
PZ-40S	237.24	236.48	60.08	176.40
PZ-50D	243.88	243.30	64.20	179.10
PZ-50I	243.62	243.26	68.66	174.60
PZ-50S	243.76	242.95	67.44	175.51
PZ-60D	245.92	245.20	60.26	184.94
PZ-60I	246.80	245.90	67.74	178.16
PZ-70I	275.98	275.71	29.60	246.11
MW-01	267.56	267.05	53.08	213.97
MW-02	272.81	272.24	37.30	234.94
MW-03	295.90	295.54	62.93	232.61
MW-04	266.50	266.14	60.98	205.16
MW-05D	253.48	255.32	81.42	173.90
MW-05S	252.74	255.21	80.67	174.54
MW-05I	252.29	254.78	81.23	173.55
MW-06	245.00	246.51	72.96	173.55
MW-07S	228.60	230.18	55.26	174.92
MW-07D	228.30	231.17	56.93	174.24
MW-08	229.24	230.98	55.03	175.95
MW-08D	228.62	230.94	54.10	176.84
MW-08S	228.67	230.95	54.51	176.44
MW-09	263.10	262.80	47.54	215.26

TOC – Top of casing
AMSL – Above mean sea level
NM – Not measured

50 0 50 100 150
SCALE IN FEET

MAP REFERENCE:

1. AERIAL PHOTOGRAPHY DATED MARCH 3, 2004, SCALE OF PHOTO 1"=500', COMPILED INTO AUTOCAD 2000 AT SCALE 1"=50' WITH 2 FOOT CONTOUR INTERVAL. HORIZONTAL & VERTICAL CONTROL FOR BOTH AERIAL AND THE FOLLOWING SAMPLE TYPES: MONITORING WELLS, OBSERVATION WELLS, & PIEZOMETERS WERE SURVEYED ON MARCH 29, 2004. LAST REVISED APRIL 6, 2004, HORIZONTAL = NAD83, PA SOUTH COORDINATES, VERTICAL = NAVD 88, BY L. ROBERT KIMBALL & ASSOCIATES..

REV.	DESCRIPTION OF REVISION	DATE	APPR.

Loureiro Engineering Associates, Inc.
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An Employee Owned Company • email : info@loureiro.com

BLACK & DECKER®
Towson, Maryland

SCALE 1" = 100'
COMM. NO. 07MD306
DRAWN BY P.J.A. DATE 01/27/10
APPROVED BY K.J.B. DATE 01/27/10

PHASE II/III ENVIRONMENTAL ASSESSMENT REPORT
BALDWIN HARDWARE MANUFACTURING CORP., READING, PA

GROUNDWATER CONTOUR MAP OVERBURDEN MONITORING WELLS AND AND PIEZOMETERS, NOVEMBER 27, 2005

An Employee Owned Company

DRAWING 3-8

SHEET NO. 1 NO. OF SHEETS 1

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