

Figure 1. Project Area Location Map. Topographic base is adapted from the Brigham City, Utah 7.5-minute USGS quadrangle, revised in 1998.

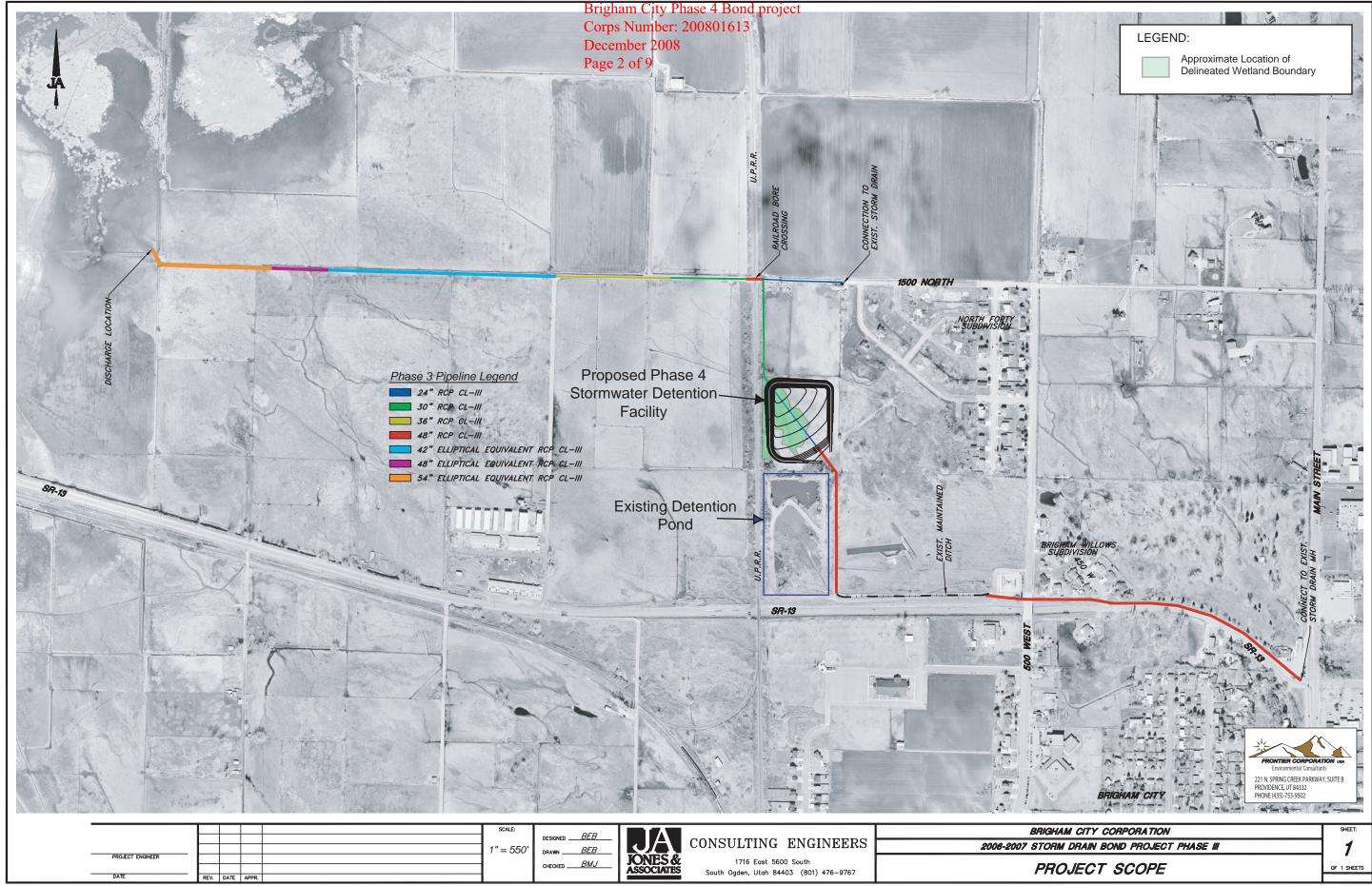


Figure 2. Project Area Vicinity Map. Map base was obtained from Jones & Associates to describe the project area.

map date: October 30, 2008

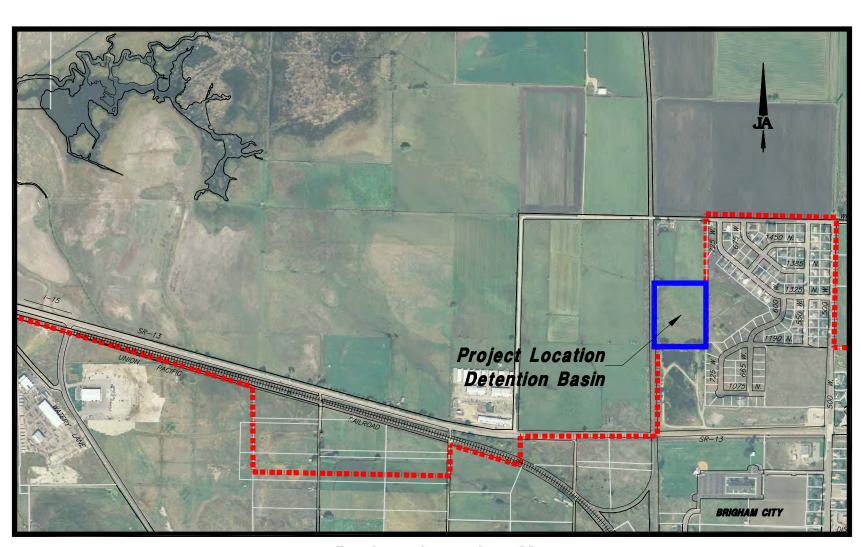
Corps Number: 200801613

Brigham City Corporation

2006-2007 STORM DRAIN BOND PROJECTS

PHASE 4

JANUARY 2008



Project Location Map

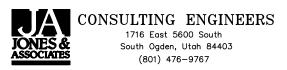


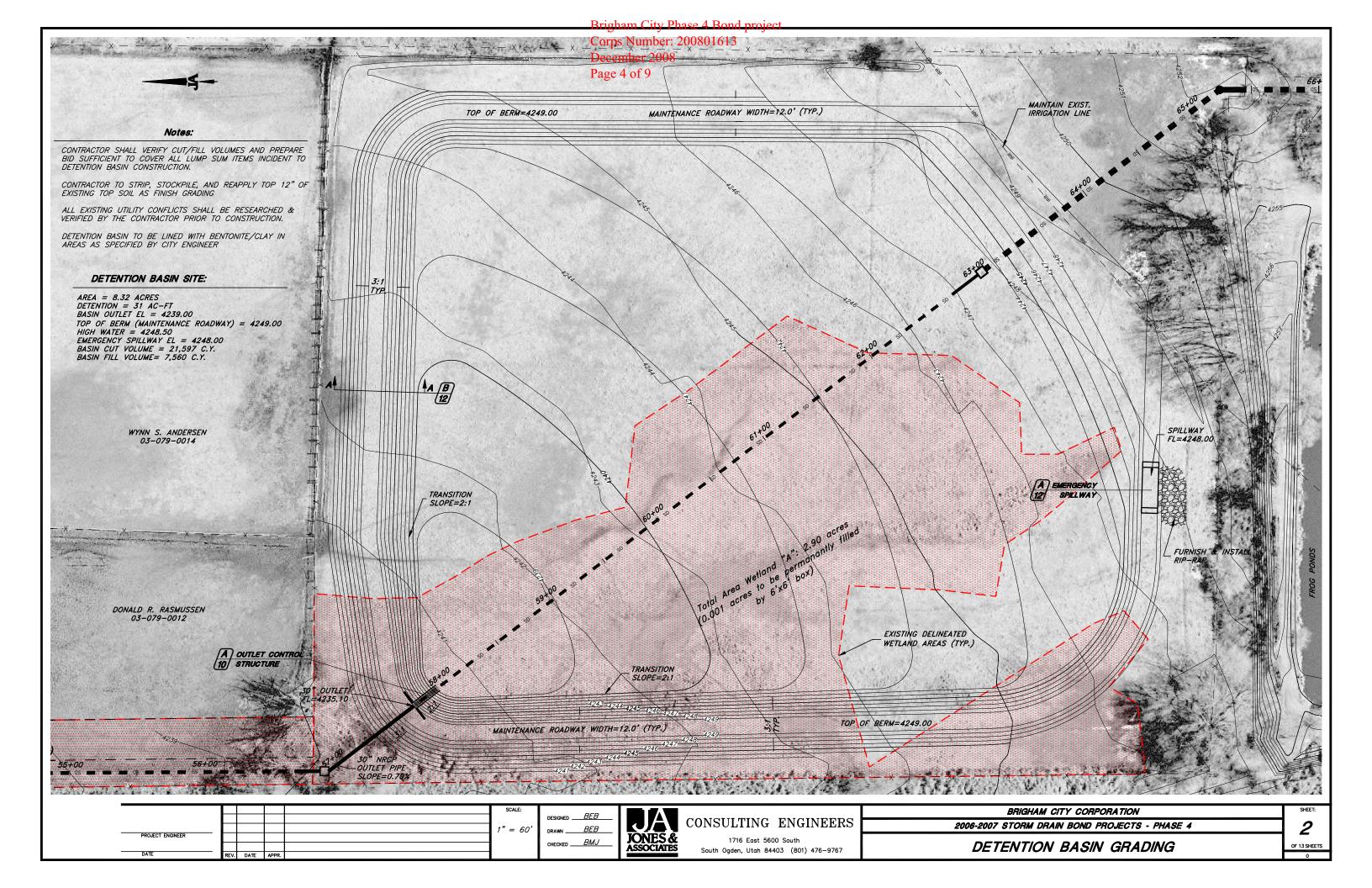
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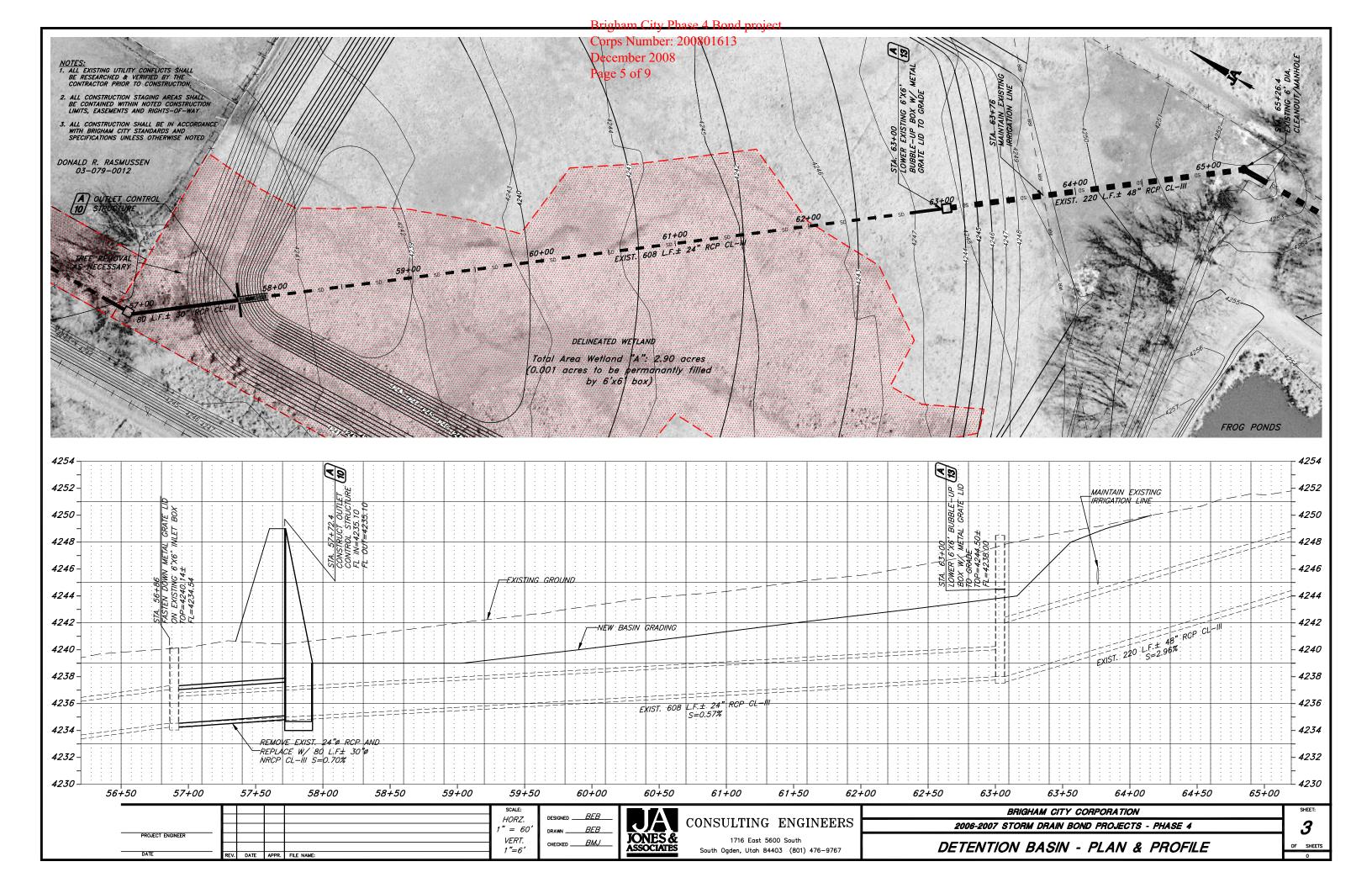
1.............COVER SHEET
2.........DETENTION BASIN GRADING
3...........BASIN OUTLET STRUCTURE DETAILS
5........STRUCTURE GRATE DETAILS
6.......EMERGENCY SPILLWAY & BERM DETAILS
7......INLET / BUBBLE-UP BOX DETAILS
CS-15....FENCING STANDARDS

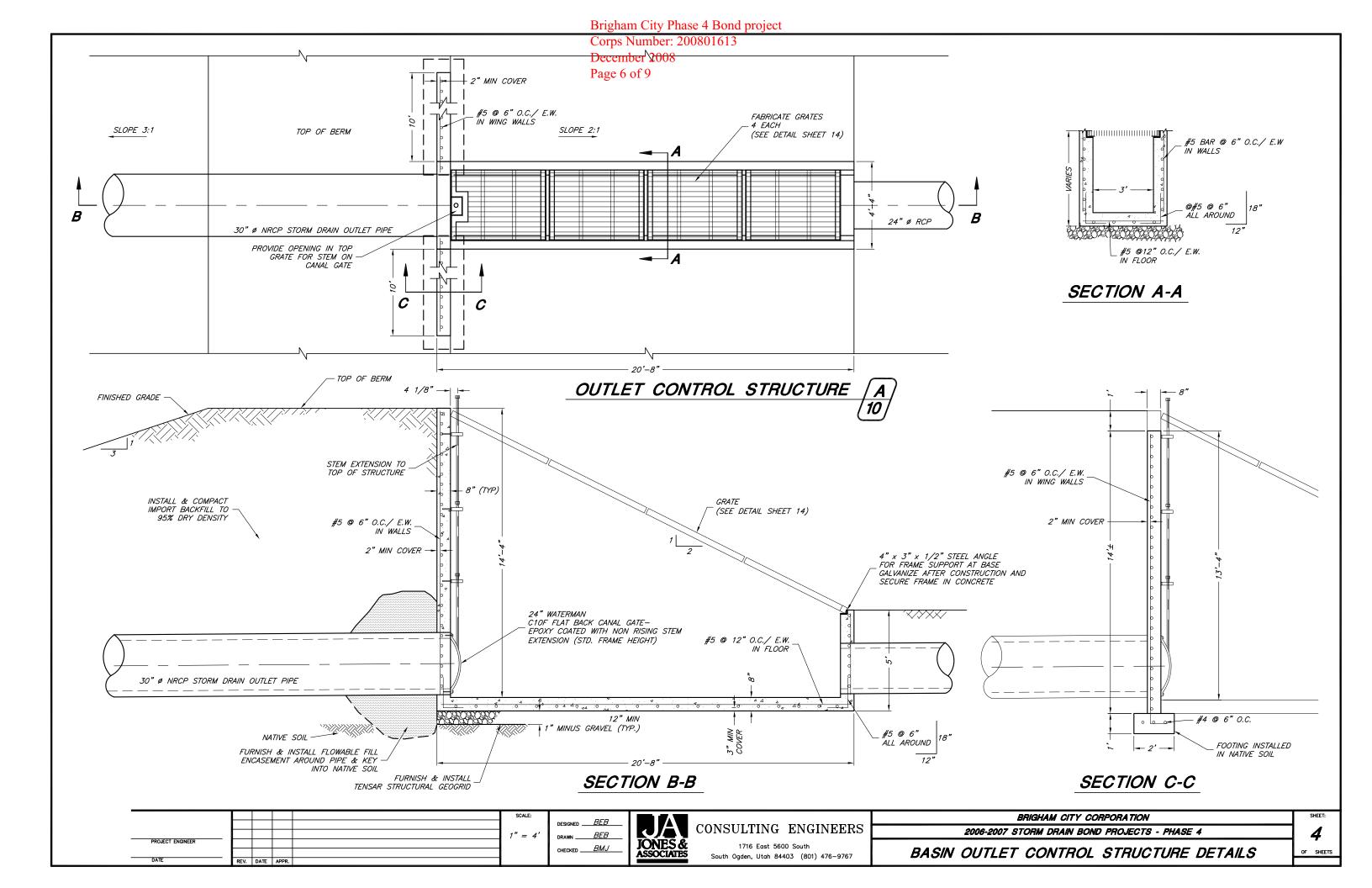
BLAKE FONNESBECK PUBLIC WORKS DIRECTOR

TYLER PUGSLEY
ASSISTANT PUBLIC WORKS DIRECTOR









Brigham City Phase 4 Bond project Corps Number: 200801613 December 2008 Page 7 of 9 - 3'-5 1/2"₋ 4" x 4" x 1/2" STEEL ANGLE FOR FRAME SUPPORT AT SIDES (2 EA) GALVANIZE AFTER CONSTRUCTION AND SECURE FRAME IN CONCRETE 3 1/2" x 3 1/2" x 1/2" STEEL SPACER WELDED BETWEEN GRATES _ 3" x 1/2" STEEL FLAT BAR AT SIDES (2 EACH) _ CONSTRUCT GRATES (4 EACH) GALVANIZE AFTER CONSTRUCTION 1" x 1/4" STEEL FLAT BAR - FOR LATERAL SUPPORT (2 EA. SPACED EVENLY) 3" x 1/4" STEEL FLAT BAR – AT INTERIOR FOR GRATE (13 EA. @ 3" O.C.) NOTES: EACH GRATE WEIGHS 300 LBS. OPEN AREA PER GRATE = 12.74 SQF _ 3 1/2" x 3 1/2" x 1/2" STEEL ANGLES AT ENDS FOR GRATE SUPPORT (2 EA.) BASIN OUTLET STRUCTURE FRAME AND GRATE SECTION BRIGHAM CITY CORPORATION SHEET: DESIGNED <u>MEH</u> CONSULTING ENGINEERS 5 2006-2007 STORM DRAIN BOND PROJECTS - PHASE 4 *BEB* N. T. S. PROJECT ENGINEER JONES & ASSOCIATES 1716 East 5600 South CHECKED BMJ STRUCTURE GRATE DETAILS South Ogden, Utah 84403 (801) 476-9767 DATE

