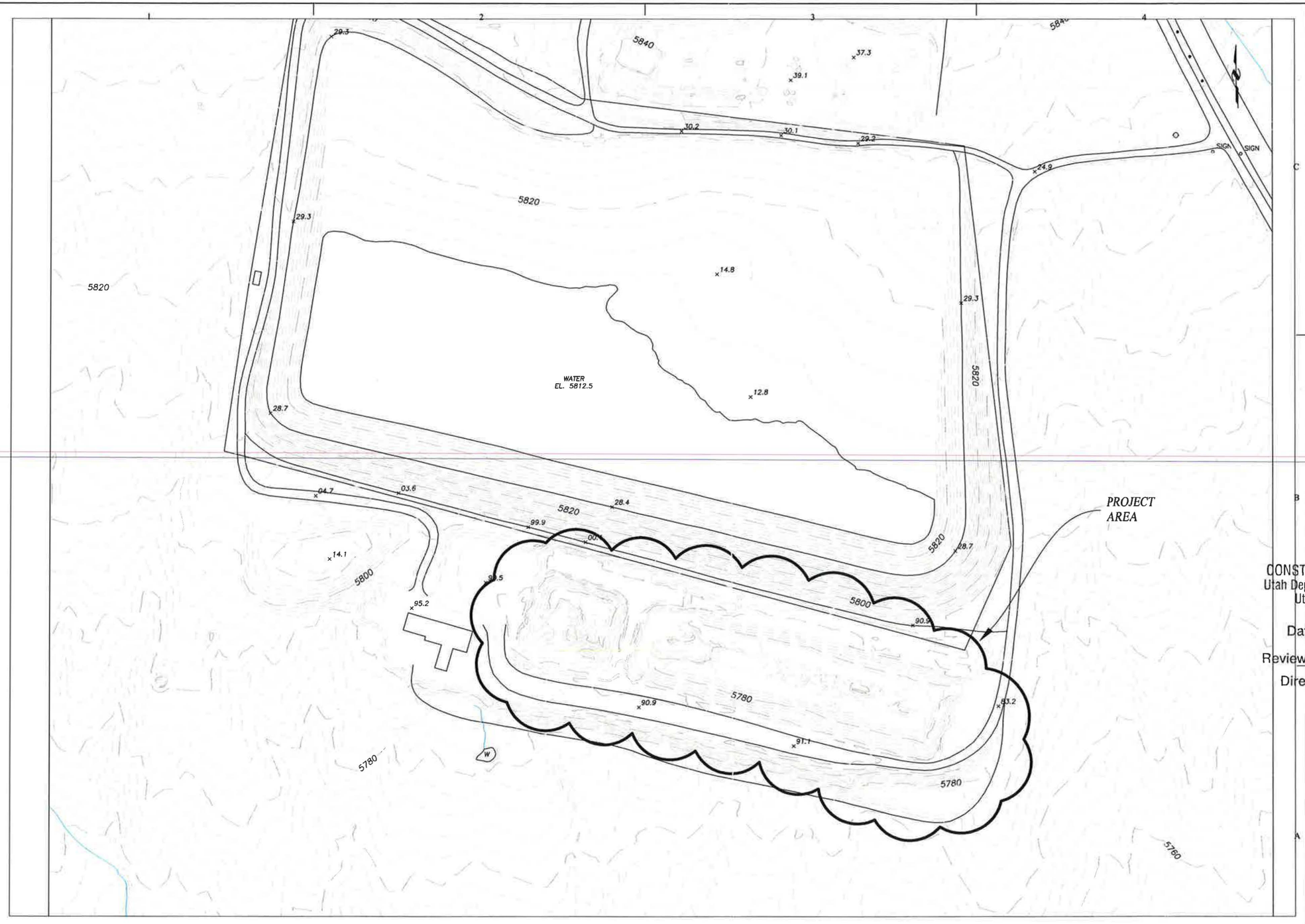

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JOHN F. WALLACE
157087
12/23/2013
PROFESSIONAL ENGINEER
STATE OF UTAH

EXISTING CONTOUR (10' INTERVAL)
EXISTING CONTOUR (2' INTERVAL)

CONSTRUCTION PERMIT ISSUED BY
Utah Department of Environmental Quality
Utah Division of Water Quality

Date: DRC
Review Engineer: 16 Jan 2014
Director:

MARK	DATE	DESCRIPTION
	12/20/13	PERMIT SET
	12/16/13	DRAFT

ISSUE:

PROJECT NO.:	01640-001
CAD DWG FILE:	01640001\
DRAWN BY:	JAH
DESIGNED BY:	JFW
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SHEET TITLE

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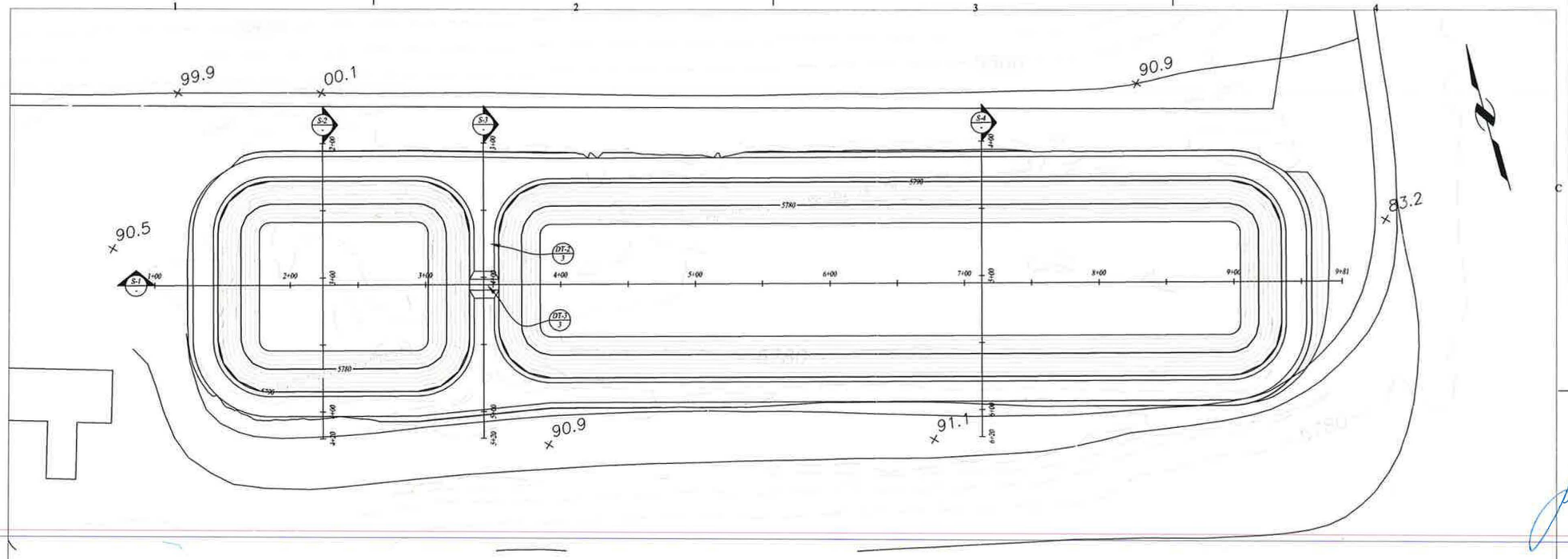
SITE PLAN

1



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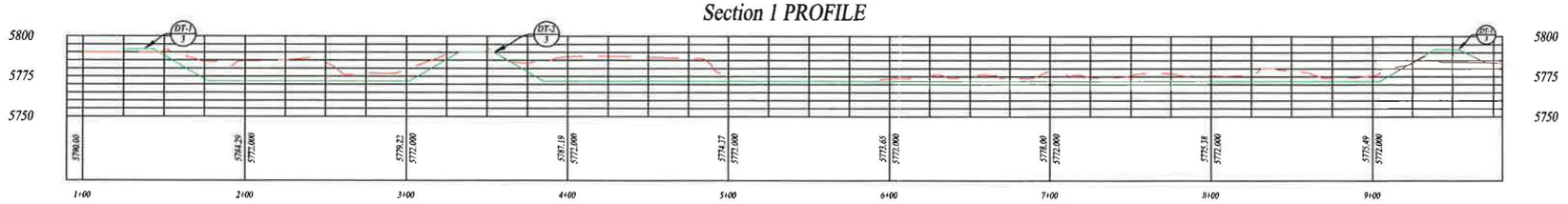

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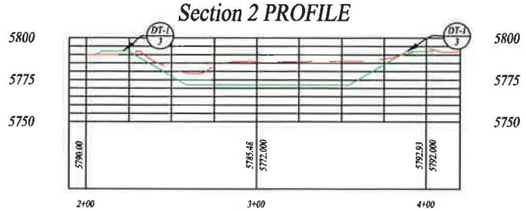

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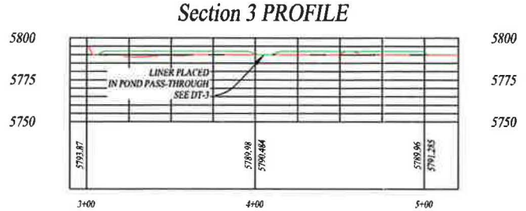

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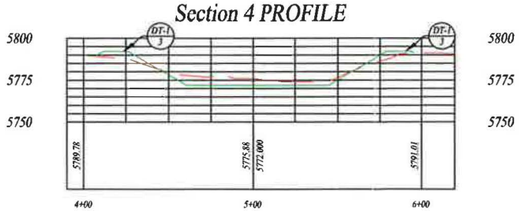

0 20 40 80 120
SCALE IN FEET

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PROFESSIONAL ENGINEER
157987
JOHN F. WALLACE
12/23/2013
REGISTERED
STATE OF UTAH

EXISTING CONTOUR (10' INTERVAL)
PROPOSED CONTOUR (10' INTERVAL)
PROPOSED CONTOUR (2' INTERVAL)
EXISTING GROUND SURFACE
EXISTING GROUND SURFACE

EARTHWORK (APPROXIMATE):
CUT= 17,600 CYD
FILL= 5,500 CYD

LINER AREA (APPROXIMATE): 138,500 SQ-FT

POND FLOOR ELEVATION = 5772'
MAX FILL ELEVATION = 5790'
POND CAPACITY (APPROXIMATE): 55,500 CU-YD

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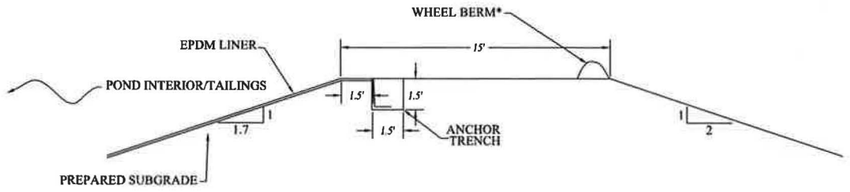
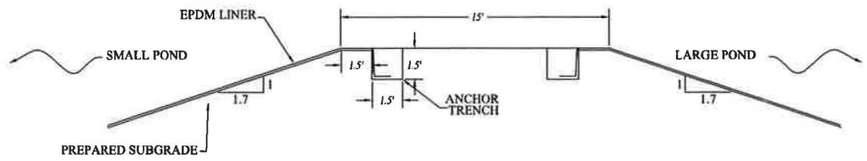
POND LINING PLAN

2

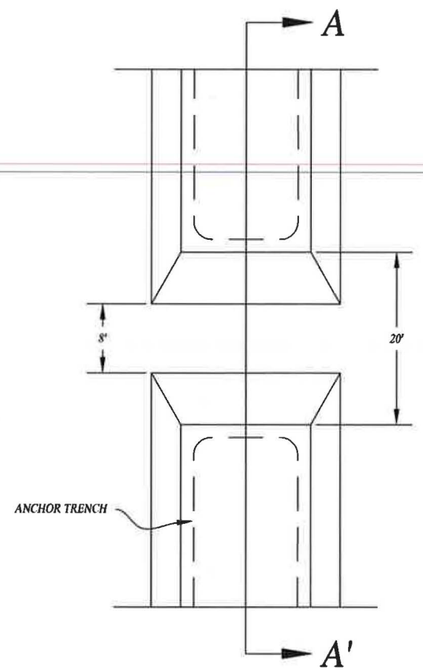


* INSTALL WHEEL BERM ONLY ON EAST END OF POND WHERE BERM HEIGHT EXCEEDS 3 FT

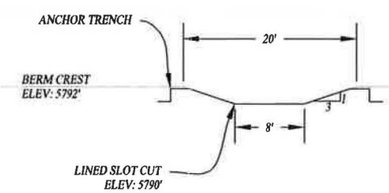
DT-1 / 2 **DETAIL** BERM WITH LINER & ANCHOR N.T.S.



DT-2 / 2 **DETAIL** CENTER BERM WITH ANCHOR N.T.S.



PLAN VIEW



A-A'
ELEVATION VIEW

DT-3 / 2 **DETAIL** LINED POND PASS THROUGH N.T.S.

0 15 30 60 90
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JOHN F. WALLACE 157681 12/23/2013 STATE OF UTAH

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LINER DETAILS

3