



Lidstone and Associates - A Wenck Company

August 3, 2018

Mr. Dominick Orlando


Senior Project Manager
Materials Decommissioning Branch
Division of Decommissioning, Uranium Recovery, and Waste Programs
Mail Stop T-8F5
Washington, D.C. 20555-0001

RE: American Nuclear Corporation Tailings Pond #1 Interim Site Stabilization

Dear Mr. Orlando:

Enclosed for your information and file are two copies of the Record Drawings for the American Nuclear Corporation Tailings Pond #1 Interim Site Stabilization Project. Please let me know if you have any questions or concerns- or if you need additional copies. It has been and continues to be a pleasure working with you and the NRC.

Sincerely,
Lidstone & Associates, Wenck Company


Christopher D. Lidstone P.G.
Principal and Regional Manager

CDL:rce

Enclosures

Copy w/o enclosure: Muthu Kuchanur, DEQ/LQD
Sent via: Priority Mail

Z:\WPFinal\OPEN\WYDEQ104 - B4921-0104 ANC Tailings\TASK ORDER 4\Record Drawings to NRC.docx

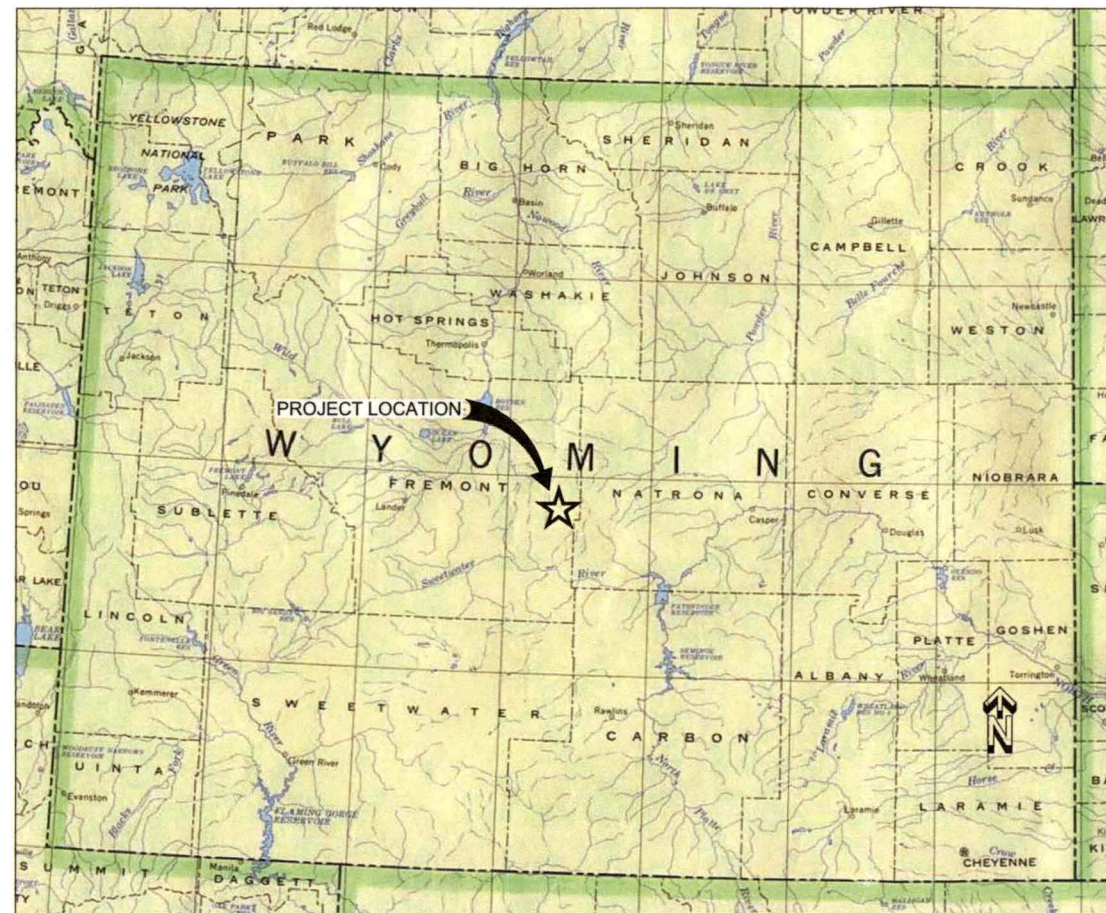
RECORD DRAWINGS FOR

Wyoming Department of Environmental Quality Land Quality Division

American Nuclear Corporation (ANC) Tailings Pond #1 Interim Site Stabilization Plan

CLIENT:

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
LAND QUALITY DIVISION
200 WEST 17TH ST., SUITE 10
CHEYENNE, WY 82002



INDEX MAP

ENGINEER:

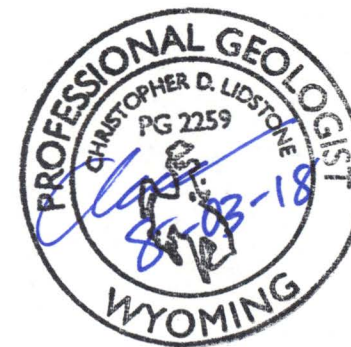
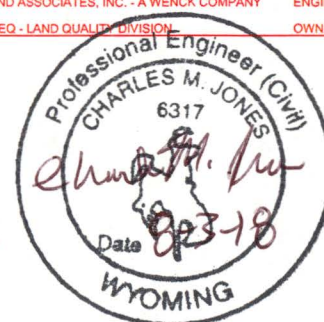
LIDSTONE AND ASSOCIATES - A WENCK COMPANY
4025 AUTOMATION WAY, BLDG. E
FORT COLLINS, COLORADO 80525



Lidstone and Associates - A Wenck Company

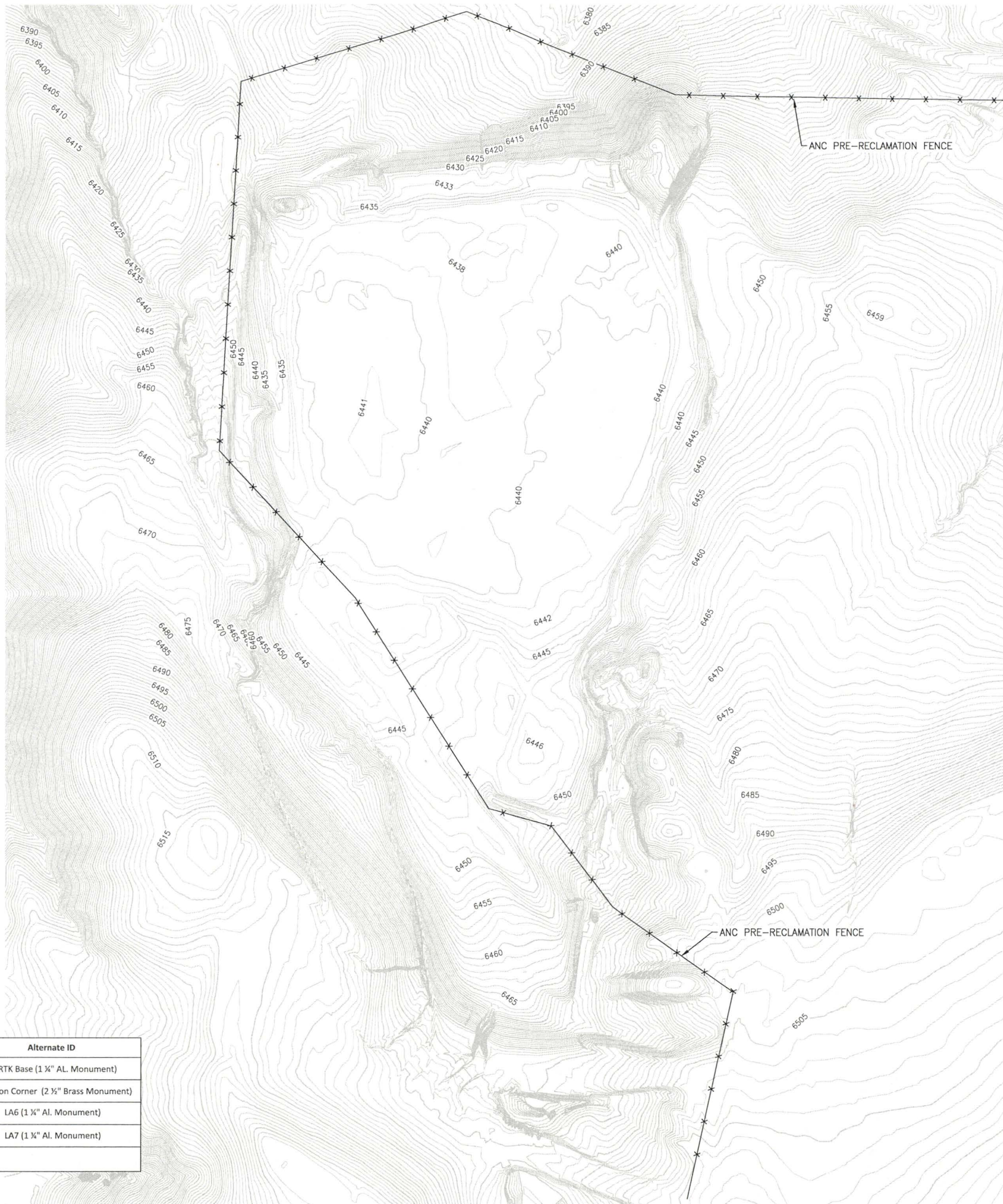
RECORD DRAWING
THIS RECORD DRAWING HAS BEEN PREPARED IN PART, BASED UPON INFORMATION FURNISHED BY OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, LIDSTONE AND ASSOCIATES - A WENCK COMPANY, CANNOT ASSURE ITS ACCURACY, AND THIS IS NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DRAWING OR ANY ERRORS OR OMISSIONS WHICH MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE.
PREPARED BY: *EM* DATE: *8-3-18*

PROJECT CONSTRUCTION TEAM
M. K. WEEDEN CONSTRUCTION, INC. GENERAL CONTRACTOR
LIDSTONE AND ASSOCIATES, INC. - A WENCK COMPANY ENGINEER
WYOMING DEQ - LAND QUALITY DIVISION OWNER / FUNDING AGENCY



RECORD DRAWINGS

SHEET INDEX	
SHEET NO.	SHEET TITLE
G-001	COVER SHEET
G-002	PRE-RECLAMATION TOPOGRAPHY
G-003	SURFACE READINGS (UR)
C-101	PLAN VIEW (AERIAL)
C-102	PLAN VIEW (CONTOURS)
C-201	DRAINAGE CHANNEL PROFILES AND SECTION VIEWS
C-202	CROSS-SECTIONS



RECORD DRAWING
 THIS RECORD DRAWING HAS BEEN PREPARED IN PART, BASED UPON INFORMATION FURNISHED BY OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, LIDSTONE AND ASSOCIATES - A WENCK COMPANY, CANNOT ASSURE ITS ACCURACY, AND THIS IS NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DRAWING OR ANY ERRORS OR OMISSIONS WHICH MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE.
 PREPARED BY: _____ DATE: _____

REV	REVISION DESCRIPTION	DWN	APP	REV DATE

CLIENT
 WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
 LAND QUALITY DIVISION

PRIME CONSULTANT

 Responsive partner. Exceptional outcomes.

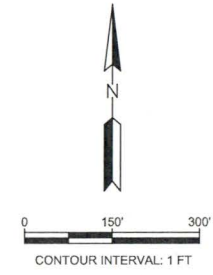
SUB CONSULTANT

SEAL

PROJECT TITLE
 AMERICAN NUCLEAR CORPORATION
 TP-1 INTERIM STABILIZATION PLAN

SHEET TITLE
 PRE-RECLAMATION TOPOGRAPHY

DWN BY	CHK'D	APP'D	DWG DATE	8/1/18
DJW	CMJ	CDL	SCALE	1" = 150'
PROJECT NO.	SHEET NO.	REV NO.		
WYEQ104	G-002			



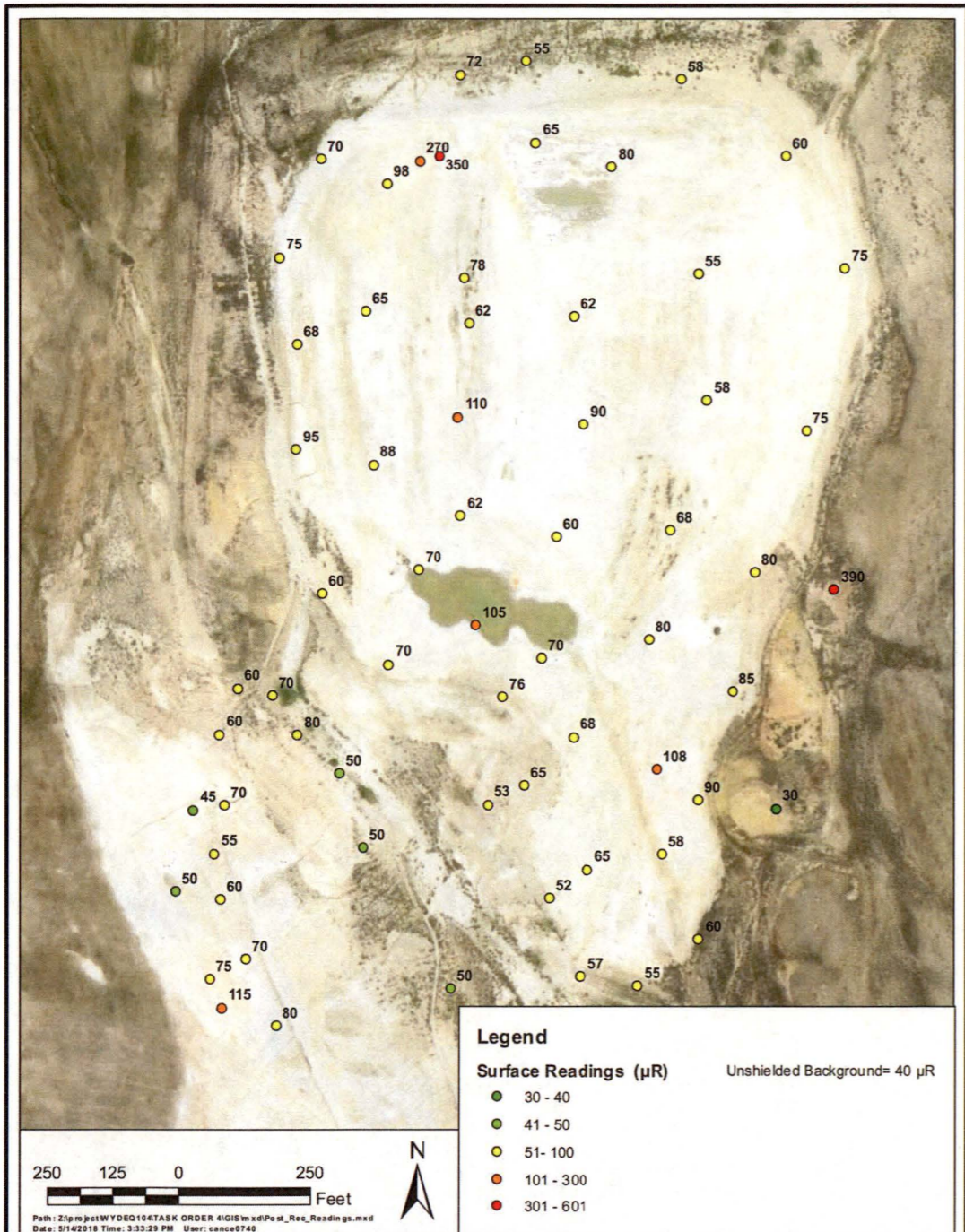
SURVEY CONTROL

Control Point	Northing (ft.)	Easting (ft.)	Elevation (ft.)	Alternate ID
100	842337.62	2267049.72	6,440.42	RTK Base (1 1/4" AL. Monument)
4	838892.82	2267472.38	6,503.57	Section Corner (2 1/2" Brass Monument)
6	843872.93	2267073.75	6,387.96	LA6 (1 1/4" Al. Monument)
7	843080.18	2263245.55	6,435.19	LA7 (1 1/4" Al. Monument)

PROJECTION: NONE (LOCAL TVA)

TOPOGRAPHY FROM AERIAL FLIGHT BY:
 DATA MAP DIGITAL SERVICES
 DATE: AUGUST 20, 2015
 CONTROL SET BY AVI P.C., CHEYENNE, WY

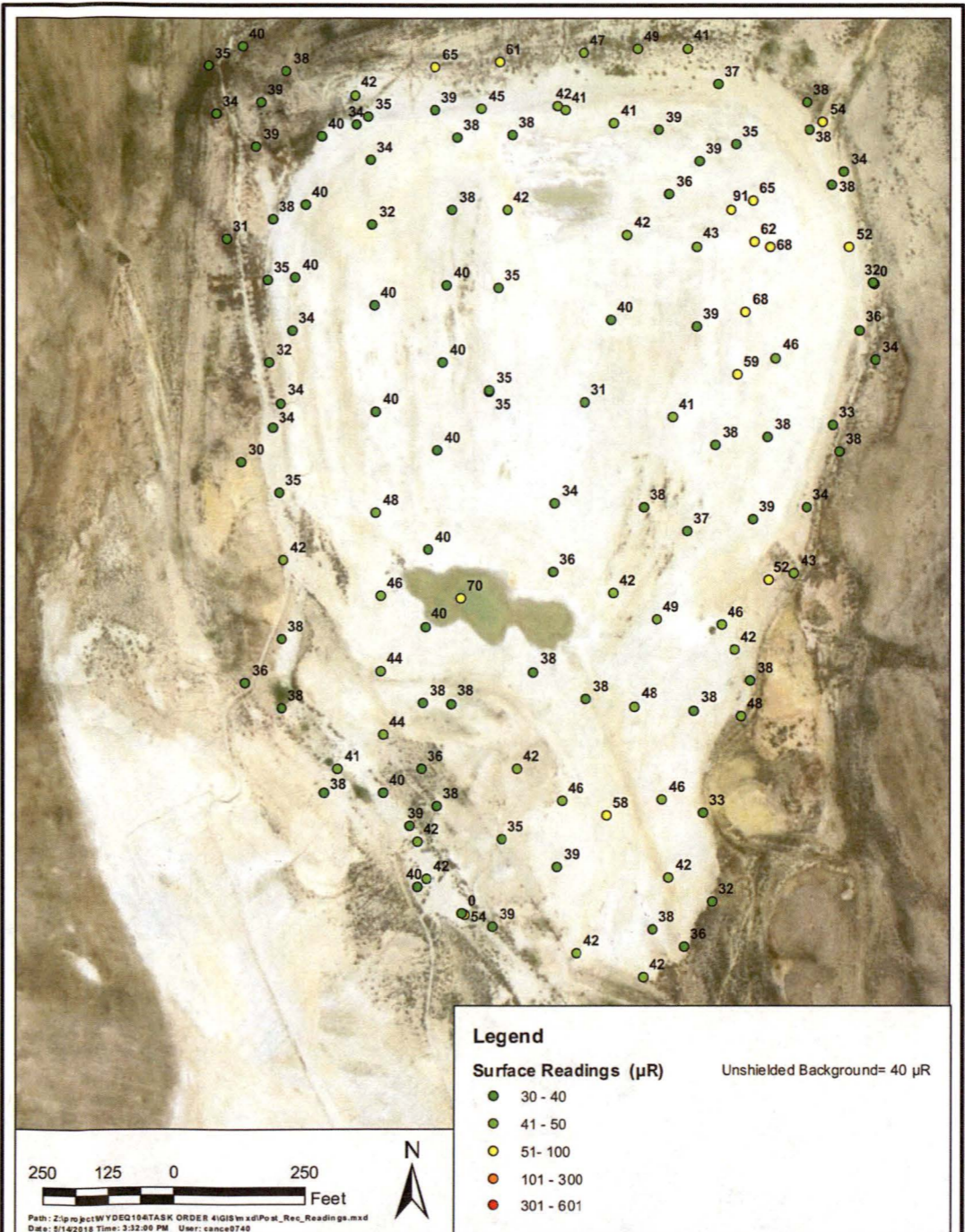
Z:\Project\WYDEQ\104\TASK ORDER 4\ANC\RECORD-G-003_RADIOMETRIC-SURVEY.dwg
 Plot Date & Time: 3 August 2018 8:54 AM



ANC TASK ORDER 4- SITE STABILIZATION
PRE-RECLAMATION RADIOLOGIC SURVEY

MAY 2018

Lidstone and Associates, Inc.
 WENCK
 Lidstone and Associates - A Wenck Company



ANC TASK ORDER 4- SITE STABILIZATION
POST-RECLAMATION RADIOLOGIC SURVEY

MAY 2018

Lidstone and Associates, Inc.
 WENCK
 Lidstone and Associates - A Wenck Company

REV	REVISION DESCRIPTION	DWN	APP	REV DATE

CLIENT
 WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
 LAND QUALITY DIVISION

PRIME CONSULTANT

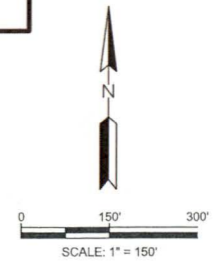
 WENCK
 Responsive partner, Exceptional outcomes
 FORT COLLINS, CO 80525
 4025 AUTUMN WAY SUITE E

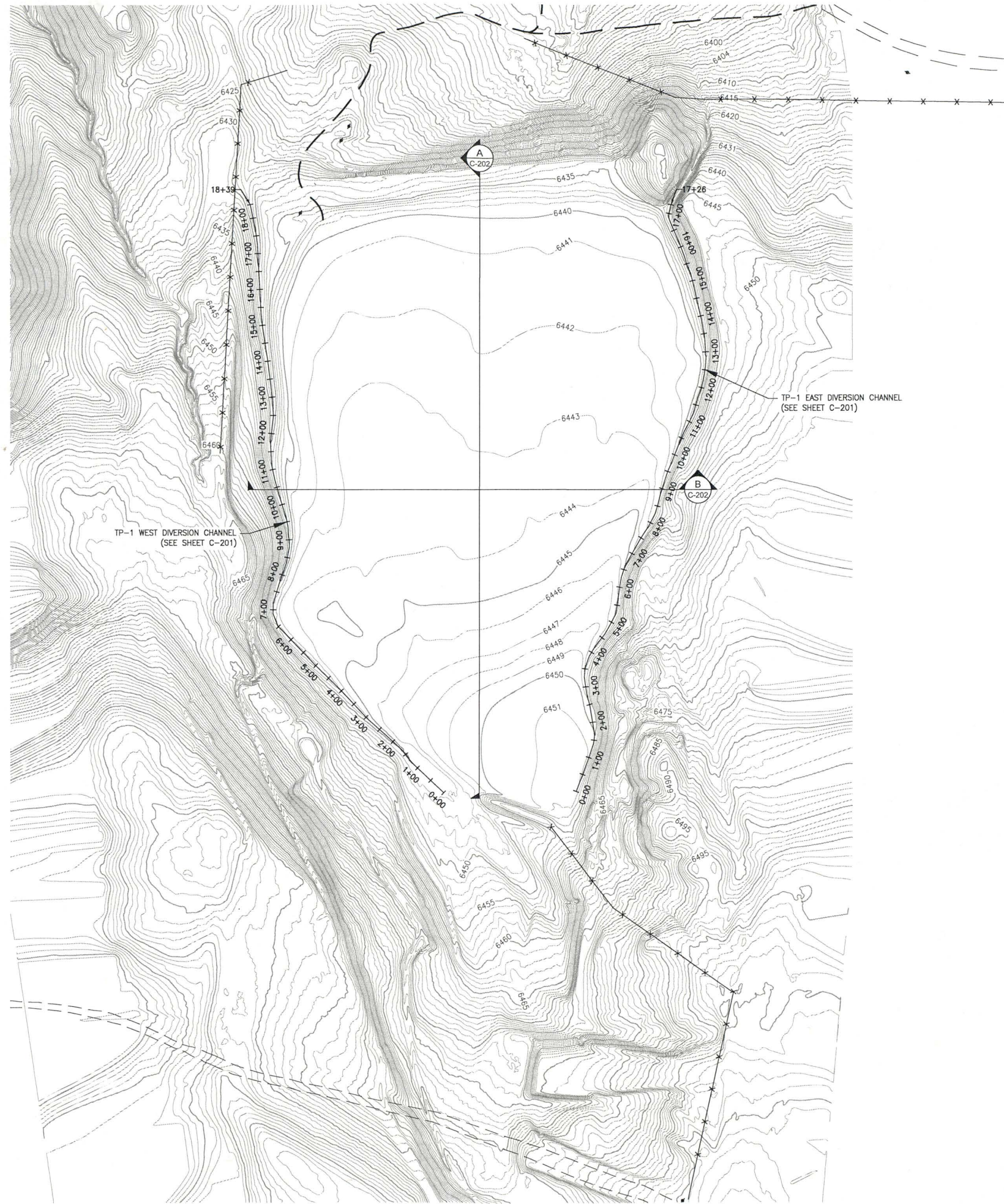
SUB CONSULTANT

PROJECT TITLE
 AMERICAN NUCLEAR CORPORATION
 TP-1 INTERIM STABILIZATION PLAN

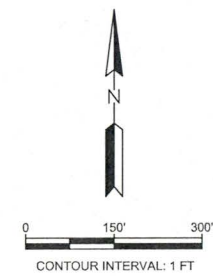
SHEET TITLE
 RADIOMETRIC SURVEY (µR/Hr)

DWN BY NRA	CHK'D CMJ	APP'D CDL	DWG DATE 7/17/18
PROJECT NO.		SHEET NO. G-003	REV NO.






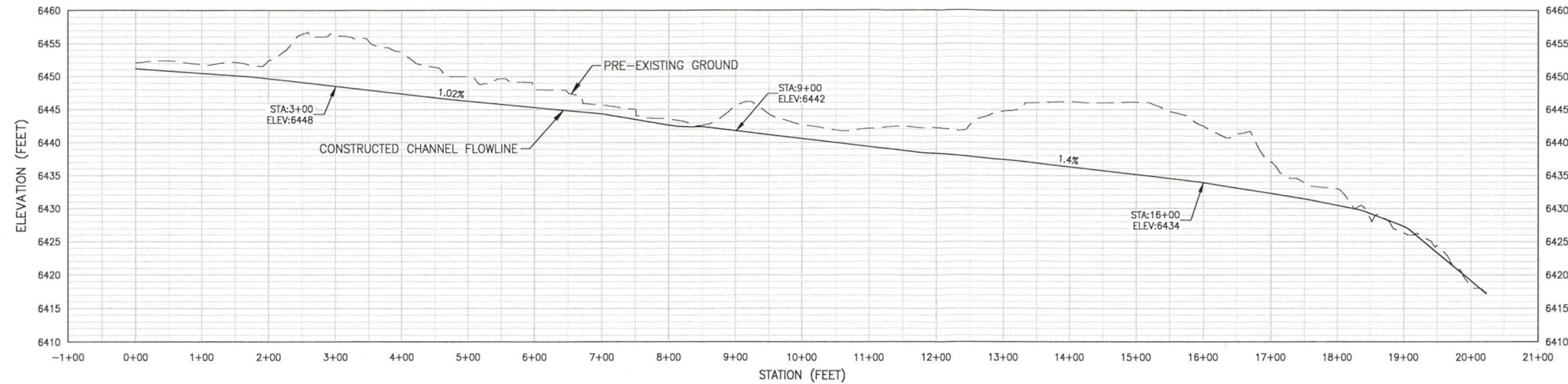
RECORD DRAWING
 THIS RECORD DRAWING HAS BEEN PREPARED IN PART, BASED UPON INFORMATION FURNISHED BY OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, LIDSTONE AND ASSOCIATES - A WENCK COMPANY, CANNOT ASSURE ITS ACCURACY, AND THIS IS NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DRAWING OR ANY ERRORS OR OMISSIONS WHICH MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE.
 PREPARED BY: _____ DATE: _____



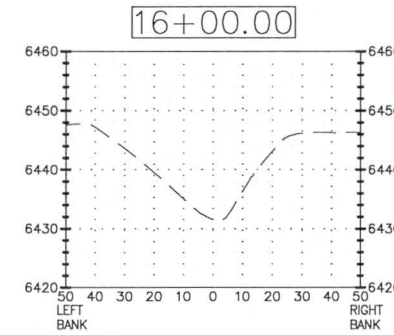
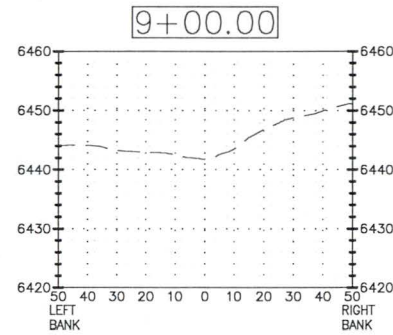
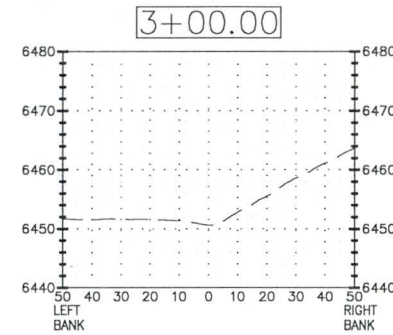
TOPOGRAPHY FROM AERIAL FLIGHT BY:
 WENCK ASSOCIATES
 DATE: JUNE 2018

REV	REVISION DESCRIPTION	DWN	APP	REV DATE
				8/01/2018
CLIENT				
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY LAND QUALITY DIVISION				
PRIME CONSULTANT				
 WENCK Responsive partner, Exceptional outcomes				
SUB CONSULTANT				
PROJECT TITLE				
AMERICAN NUCLEAR CORPORATION TP-1 INTERIM STABILIZATION PLAN				
SHEET TITLE				
POST RECLAMATION AS-BUILT PLAN VIEW (CONTOURS) ANC TP-1				
DWN BY	CHK'D	APP'D	DWG DATE	8/3/18
DJW	CMJ	CDL	SCALE	1" = 150'
PROJECT NO.	SHEET NO.	REV NO.		
WYDEQ104	C-102			

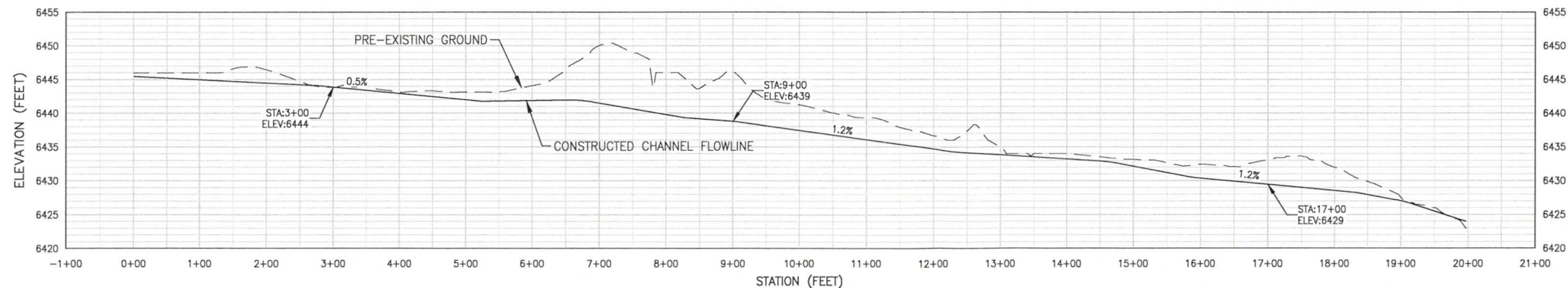
RECORD DRAWING
 THIS RECORD DRAWING HAS BEEN PREPARED IN PART, BASED UPON INFORMATION FURNISHED BY OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, LIDSTONE AND ASSOCIATES - A WENCK COMPANY, CANNOT ASSURE ITS ACCURACY, AND THIS IS NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DRAWING OR ANY ERRORS OR OMISSIONS WHICH MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE.
 PREPARED BY: _____ DATE: _____



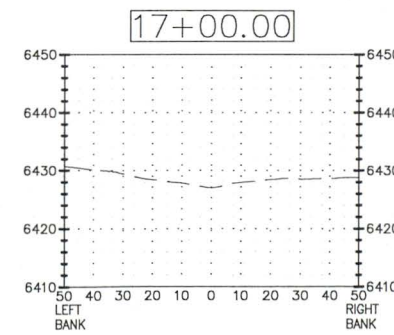
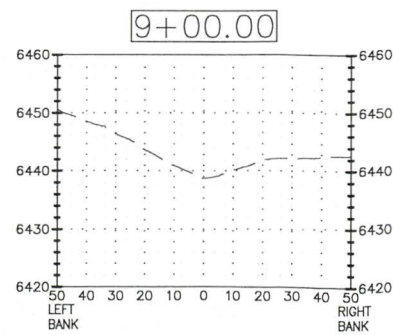
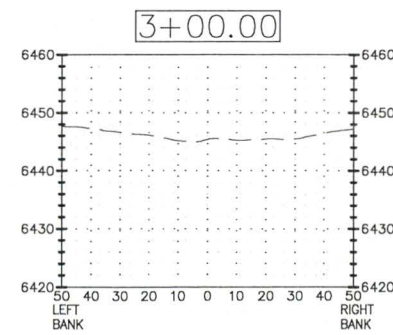
TP-1 EAST DIVERSION CHANNEL PROFILE
 1"=100'H & 1"=10'V



TP-1 EAST DIVERSION CHANNEL SECTION VIEWS
 1"=30'H & 1"=15'V



TP-1 WEST DIVERSION CHANNEL PROFILE
 1"=100'H & 1"=10'V



TP-1 WEST DIVERSION CHANNEL SECTION VIEWS
 1"=30'H & 1"=15'V

REV	REVISION DESCRIPTION	DWN	APP	REV DATE
	RECORD DRAWINGS			7/16/2018
CLIENT				
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY LAND QUALITY DIVISION				
PRIME CONSULTANT				
SUB CONSULTANT				
PROJECT TITLE				
TP-1 INTERIM STABILIZATION PLAN				
SHEET TITLE				
POST RECLAMATION AS-BUILT DRAINAGE CHANNEL PROFILES AND SECTION VIEWS - ANC TP-1				
DWN BY	CHK'D	APP'D	DWG DATE	
DJW	CMJ	CDL	8/1/18	
PROJECT NO.			SHEET NO.	REV NO.
WYDEQ104			C-201	

