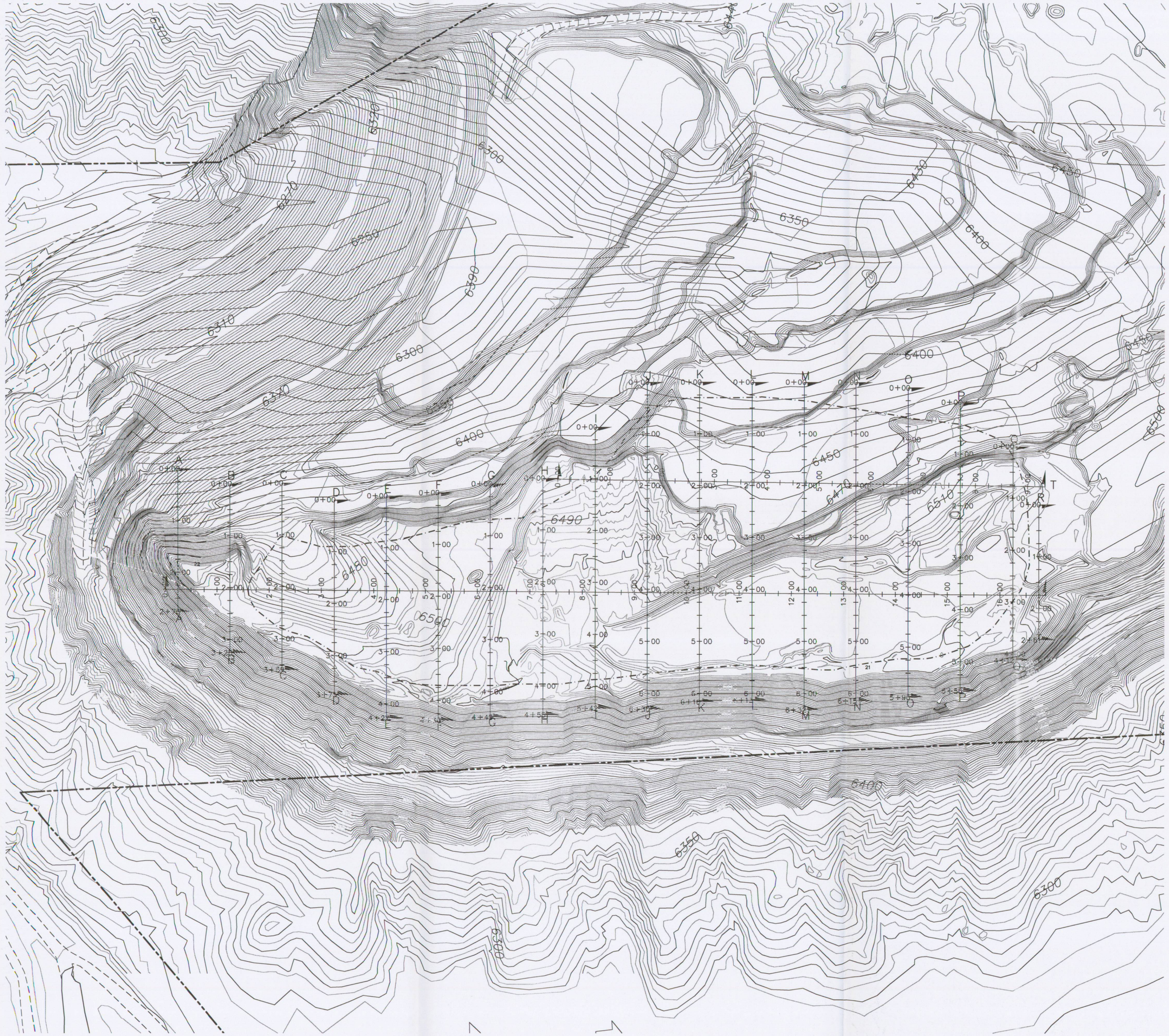

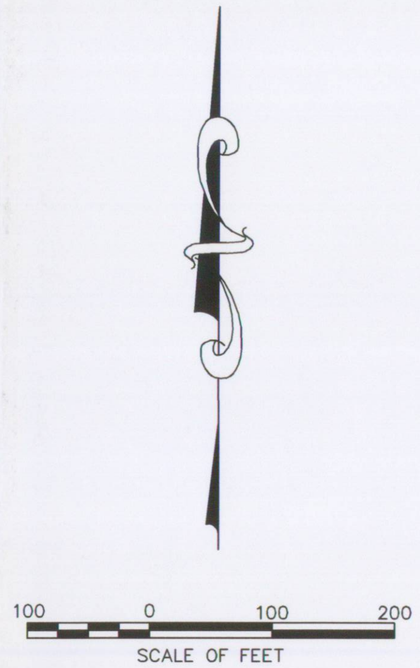

LEGEND

- PERMIT BOUNDARY
- EXCESS SPOIL DISPOSAL AREA LIMITS
- EXISTING CONTOURS
- BOTTOM OF PILE CONTOURS

NOTE:

THE FOLLOWING SOURCES WERE USED TO OBTAIN DATA USED TO GENERATE CONTOUR LINES UNDER THE EXISTING COARSE REFUSE:

JOHN T. BOYD REPORT	APPENDICES 9-1 AND 9-3
USGS – SUNNYSIDE QUADS	15 MIN. (1915) 7 1/2 MIN. (1972)
HISTORICAL AERIAL PHOTOS FROM USDA-APFO	1952, 1969, 1980

AERIAL PHOTOGRAPHY BY AEROGRAPHICS IN COORDINATION WITH UNITAH ENGINEERING AND LAND SURVEYING, 1994

SURFACE CONTOURS OBTAINED FROM SUNNYSIDE COAL COMPANY IN 1992

REV	DATE	DESCRIPTION	BY	APP'D
3	11/10	BOUNDARY AND TOPO UPDATES	AH	
2	9/02	2002 PERMIT RENEWAL	AH	
1	8/95	ADDED TERRACES	JRT	

9-11-94

SCALE

PROJECT NO. -

Sunnyside Cogeneration Associates
EXCESS SPOIL DISPOSAL AREA #1 DESIGN
NATURAL GROUND

TWIN PEAKS
Engineering & Land Surveying
2264 NORTH 1450 EAST LEHI, UTAH 84043
(801) 450-3511, (801) 439-0700 FAX

File in: ☐ Confidential ☐ Shelf ☒ Expandable
Date Folder: 7-27-11 to 7-0035

DESIGNED AH
DRAWN AH
CHECKED SSC

SHEET 9-1A

RECEIVED
JUL 27 2011
DIV. OF OIL, GAS & MINING

PLOTTED DATE: Thursday, 17 February 2011 - 7:57pm