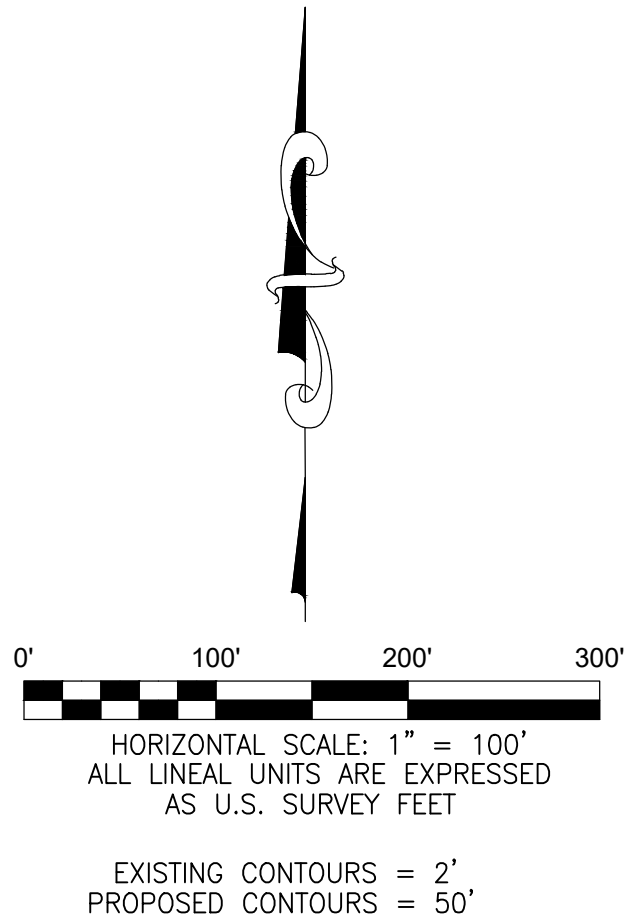
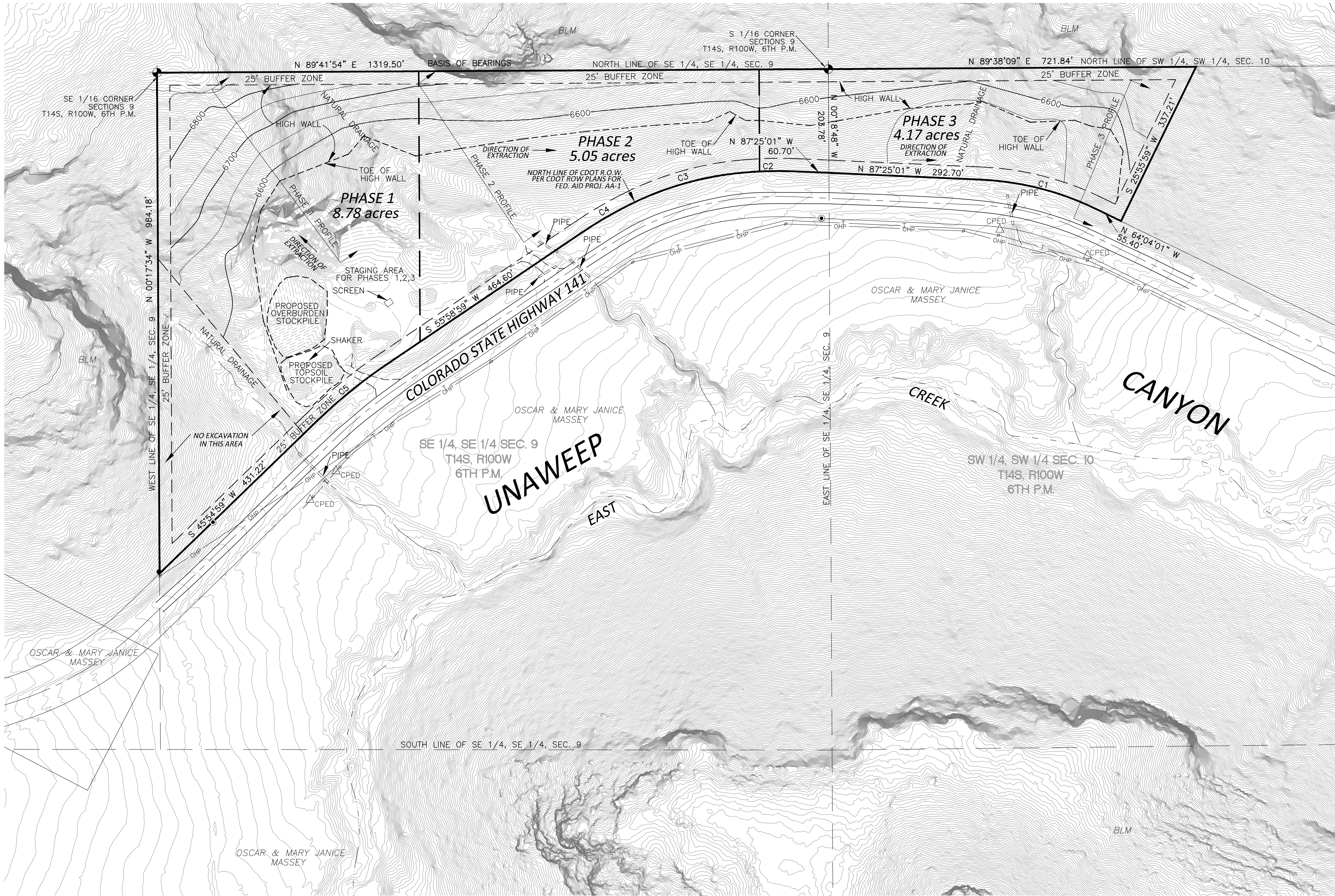


M-1984-001
SURFACE ROCK PIT
AREA "A" 18 ACRES



LEGEND AND ABBREVIATIONS

- BLM SURVEY MARKER
- FOUND 5/8" REBAR WITH 1.25" PLASTIC CAP UNREADABLE
- FOUND CDOT ROW MARKER, 2.5" BRASS CAP SET IN CONCRETE
- MCSM MESA COUNTY SURVEY MARKER
- ROW RIGHT-OF-WAY
- R.N. RECEPTION NUMBER
- PG PAGE
- LS PROFESSIONAL LICENSED SURVEYOR
- P.O.B. POINT OF BEGINNING
- P.O.C. POINT OF COMMENCEMENT
- PLS PROFESSIONAL LAND SURVEYOR
- R RANGE
- R.O.W. RIGHT-OF-WAY
- S.F. SQUARE FEET
- ST STREET
- T TOWNSHIP
- U.M. UTE MERIDIAN
- EXISTING EDGE OF ASPHALT PAVEMENT
- OHP EXISTING OVERHEAD POWER
- T EXISTING TELEPHONE CABLE
- CPED COMMUNICATIONS PEDISTALE
- 6700 PROPOSED CONTOURS
- EXISTING CONTOURS

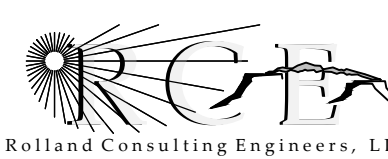
CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C1	233.60'	573.30'	23°20'46"	N 75°44'24" W	231.99'
C2	106.50'	814.10'	7°29'43"	S 88°50'07" W	106.42'
C3	234.90'	623.00'	21°36'11"	S 74°17'10" W	233.51'
C4	106.50'	814.10'	7°29'43"	S 59°44'12" W	106.42'
C5	176.60'	1005.00'	10°04'05"	S 50°56'56" W	176.37'

GENERAL NOTES

- Basis of bearings derived from Gateway Local Coordinate System and GPS observations. The bearing is N89°41'54"E for a distance of 1319.50 feet, located between a BLM Survey Marker for the SE 1/16 Corner, Section 9, Township 14 South, Range 100 West, of the 6th Principal Meridian, and a BLM Survey Marker for the the South 1/16 Corner of Section 9, Township 14 South, Range 100 West, of the 6th Principal Meridian, Mesa County, Colorado.
- 2-foot contours of the surrounding mine area are from Mesa County 2012 LIDAR Survey. Contours inside the working Surface Pit Area are from this field survey.
- The survey was completed on 02/26/2019.

BENCHMARK

A REBAR AND R.C.E. CONTROL CAP WAS SET AS A BENCHMARK: N 109°549.74 E 166040.10 ELEVATION = 6563.38 (NAVD 88) AS DETERMINED BY GPS USING THE GATEWAY LOCAL COORDINATE SYSTEM.



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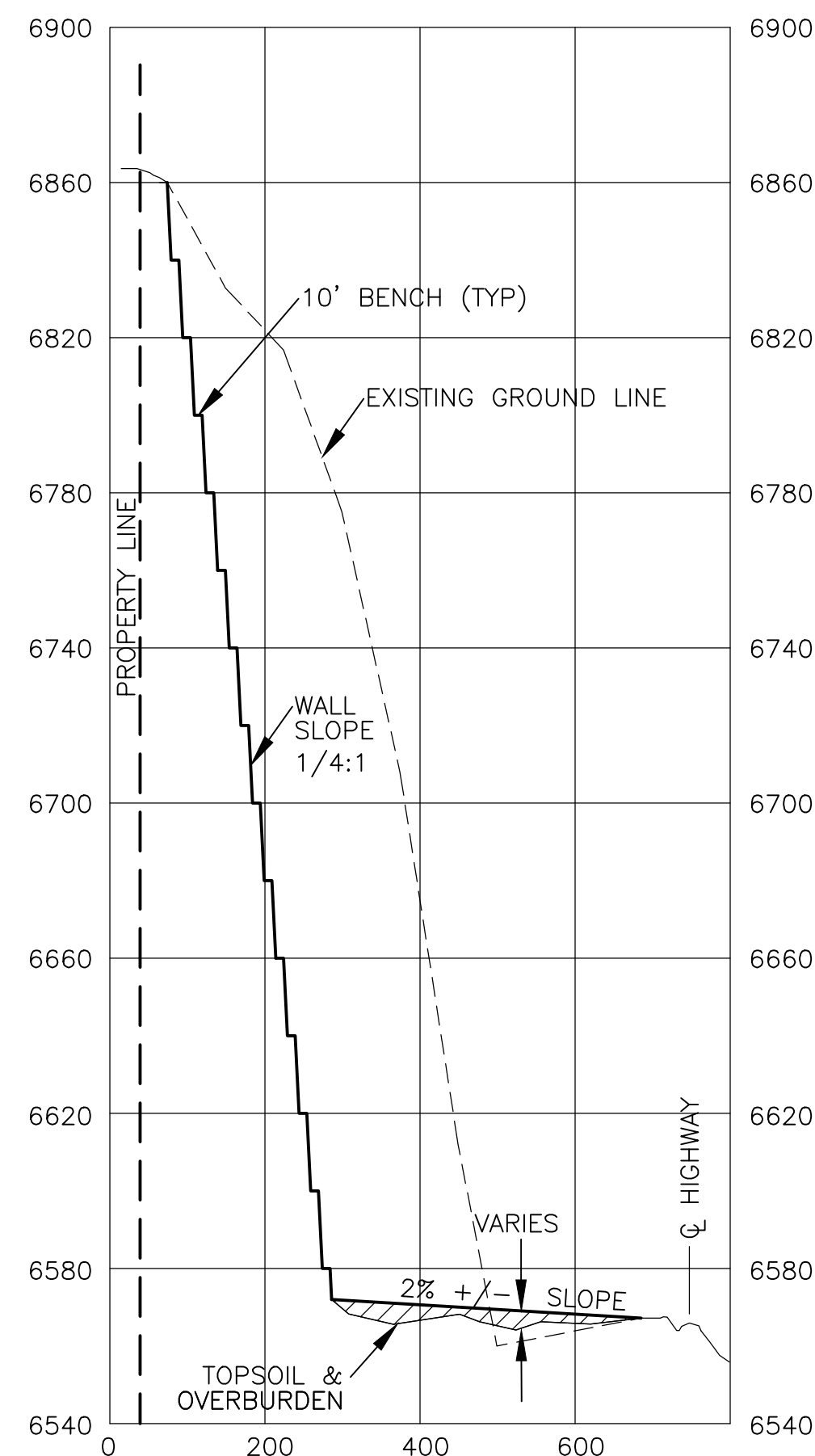
MINING PLAN MAP
SURFACE ROCK PIT M-1984-001

FOR ELAM CONSTRUCTION

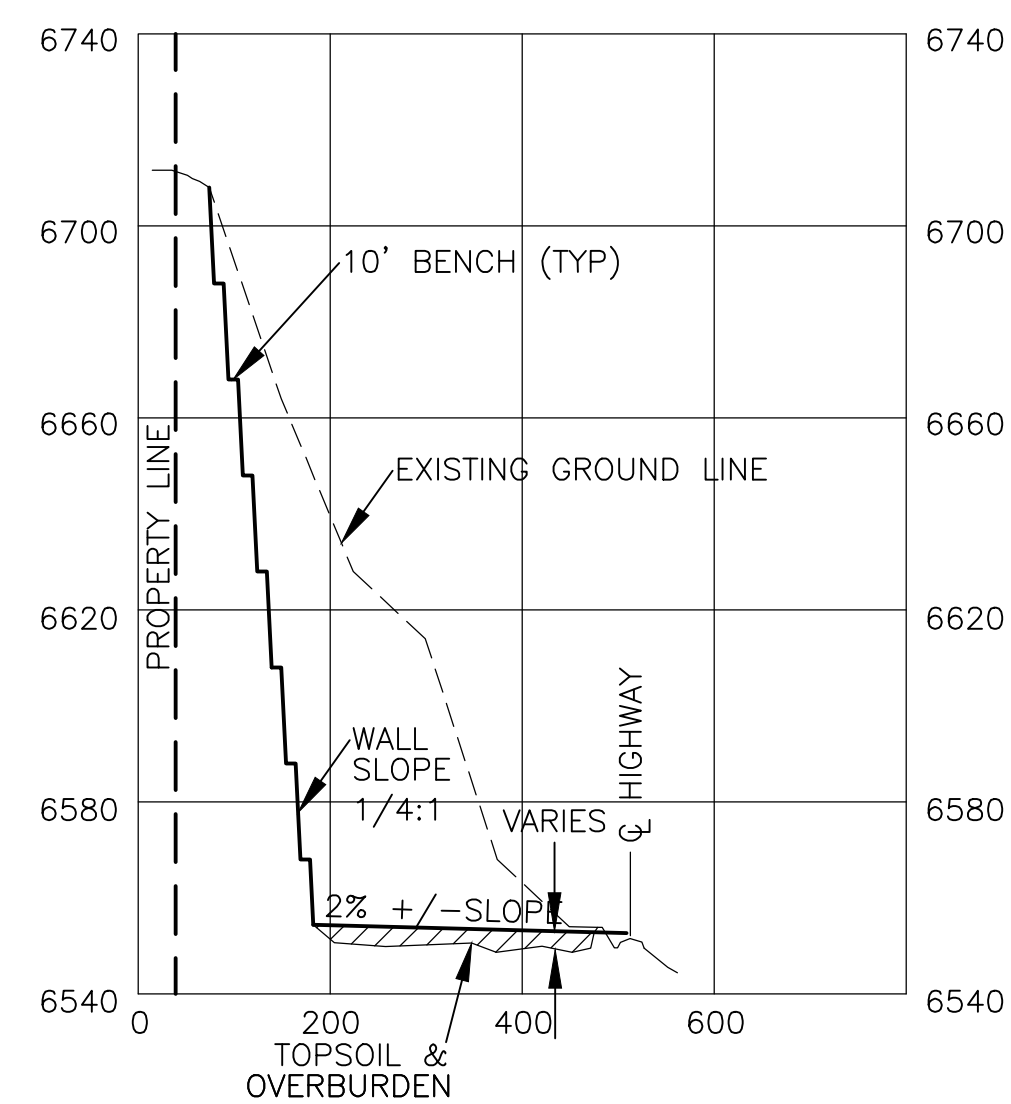
IN THE SE 1/4, SECTION 9 & SW 1/4 SECTION 10,
T14S, R100W OF THE 6TH P.M.,
MESA COUNTY, COLORADO

Drawn JAM	Designed N/A	Checked JLG	Proj# B9408	Rv:	Sheet 1
File Name: C:\PROJECTS\B9408\B9408-MINING-PLAN-MAP				Date 04/1/19	Of 2

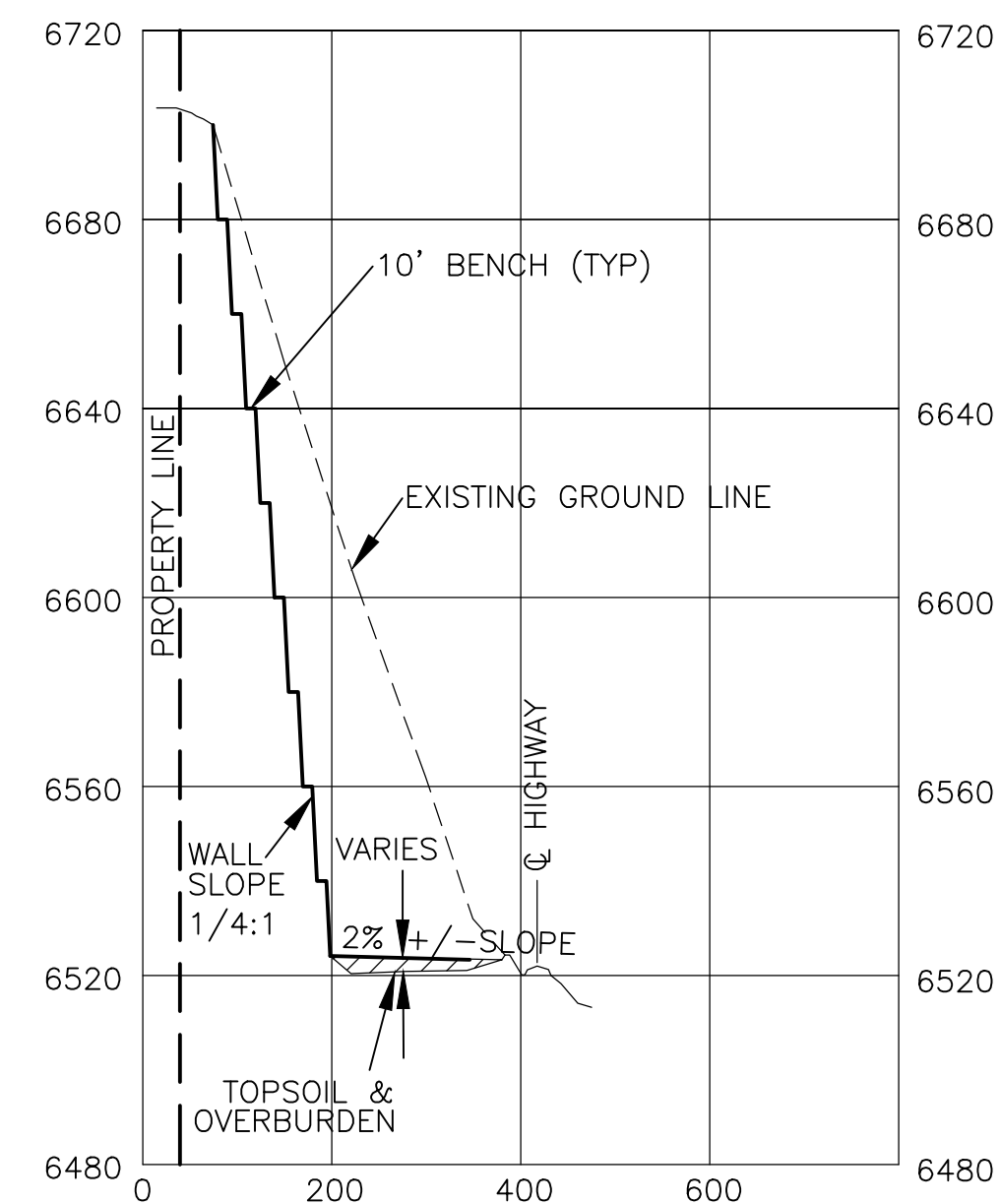




PHASE 1 HIGHWALL PROFILE
 HORIZ. 1"=200'
 VERT. 1"=40'

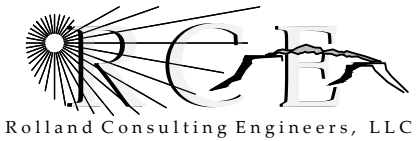


PHASE 2 HIGHWALL PROFILE
 HORIZ. 1"=200'
 VERT. 1"=40'



PHASE 3 HIGHWALL PROFILE
 HORIZ. 1"=200'
 VERT. 1"=40'



 Rolland Consulting Engineers, LLC 405 Ridges Blvd. Suite A Grand Junction, CO 81507 Voice: (970) 243-8300 Fax: (970) 241-1273 www.rceb.com		MINING PLAN MAP SURFACE ROCK PIT M-1984-001 FOR ELAM CONSTRUCTION IN THE SE 1/4, SECTION 9 & SW 1/4 SECTION 10, T14S, R100W OF THE 6TH P.M., MESA COUNTY, COLORADO			
		Drawn JAM Designed N/A Checked JLG Proj# B9408 Date 04/8/19	Rv: Sheet 2 Of 2		