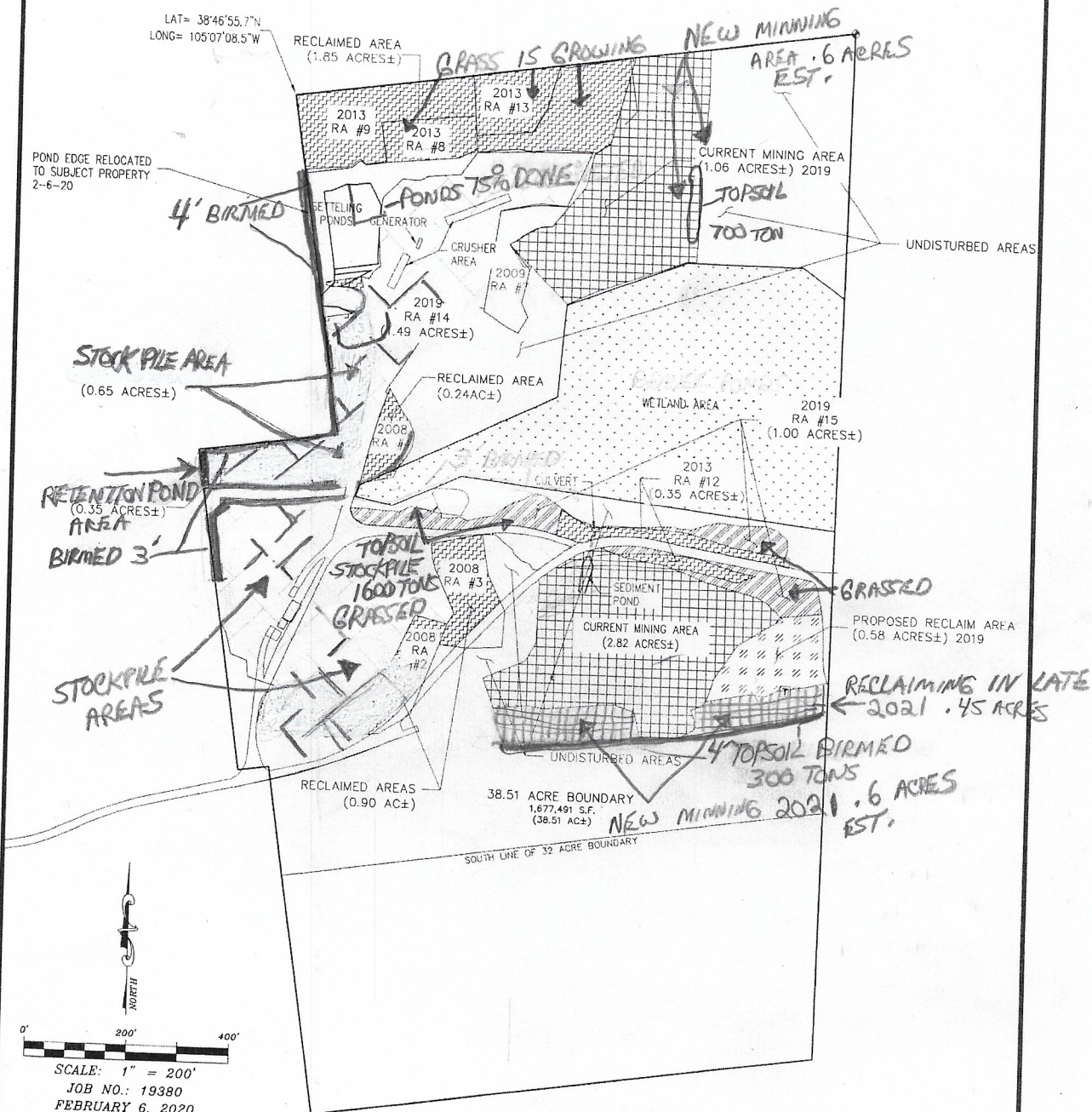


EXHIBIT D



LEGEND:

- ☐ TELEPHONE PEDESTAL
- ▨ AREA OF EXCAVATION TO BE RECLAIMED
- ▨ CURRENT MINING
- ▨ RECLAIMED AREA
- ▨ WETLAND
- ▨ MINED AREA
- ▨ FUTURE LEASED MINING AREA
- ▨ RECLAIMED AREA 2019

**RAMPART
SURVEYS**

P.O. Box 5101
Woodland Park, CO. 80866
(719) 687-0920

Lat = 38° 96' 55.7" N
Long = 105° 07' 08.5 W

Northern Permit Boundary
Intermittent Creek

To City of Cripple Creek
Reservoir

Reclaimed Grassy Area
(Previously Mined)

Secondary Containment Berm Dimensions 135' (N-S) by
135' (E-W); minimum height 3' and minimum width 6'.
May be field adjusted to ensure intended performance.

Fixed Tripod to Visually
Monitor Water Level

Secondary Containment Berm

Direction of
Surface Water Flow

Return Pump
to
Wash Plant

Life Vest
Storage

#3 Final
Sediment Pond

Concrete
Trough

Flow

Clean Out Pad
for Excavator

5' Wide Berm between #1
and #2 Sediment Ponds.
All undimensioned
Sediment Pond berms will
be a minimum of 10' wide.

Return to Ponds

Underground
Return Pipe

Wash Plant

Western Permit Boundary

Soft 4 Strand Wire Fence

20' Wide Berm
#2 Sediment Pond
100'
60'

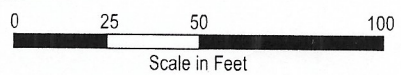
20' Wide Berm
#1 Sediment Pond
40'
10' Wide Berm

Sediment Pond Berm Widths (feet)				
Sediment Pond	North	South	East	West
#1	5 (between ponds #1 and #2)	10	10	20
#2	20	5 (between ponds #1 and #2)	10	10
#3	10	10	10	10

Sediment Containment Berm

Sediment Containment Berm Dimensions 80' (N-S) by
200' (E-W); minimum height 1.5' and minimum width 3'.
May be field adjusted to ensure intended performance.

Sediment (Pond Silt) Storage
For Reclamation Use



REALtime Aquifer Services
311 Rock Avenue • Golden, CO 80401
PH 303-517-0509 • www.rasinc.org

Sediment Pond Schematic

Applicant: Gillette Sand and Gravel, Inc.

Sediment Pond Schematic

Brendan Shine, P.E., Realtime Aquifer Services

DRAWN BY: Chris Pyles

DRAFTED BY: Ken Vogel

APPROVED BY: BFS

SCALE: 1 inch = 50 feet

DATE: Revised 05/11/2020