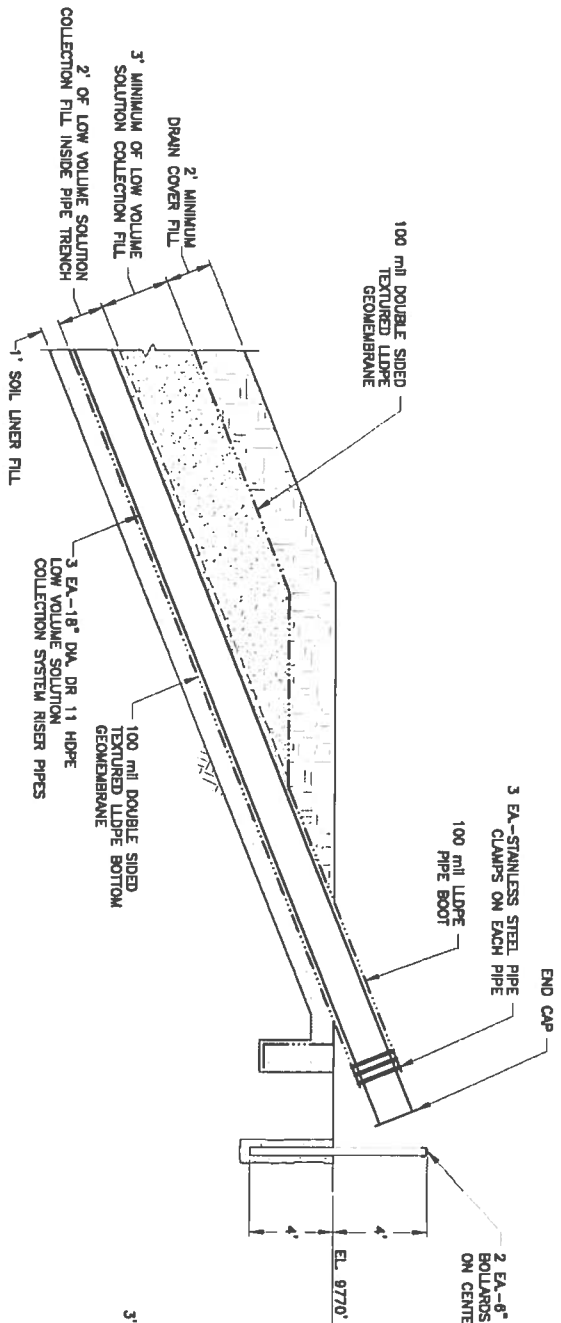
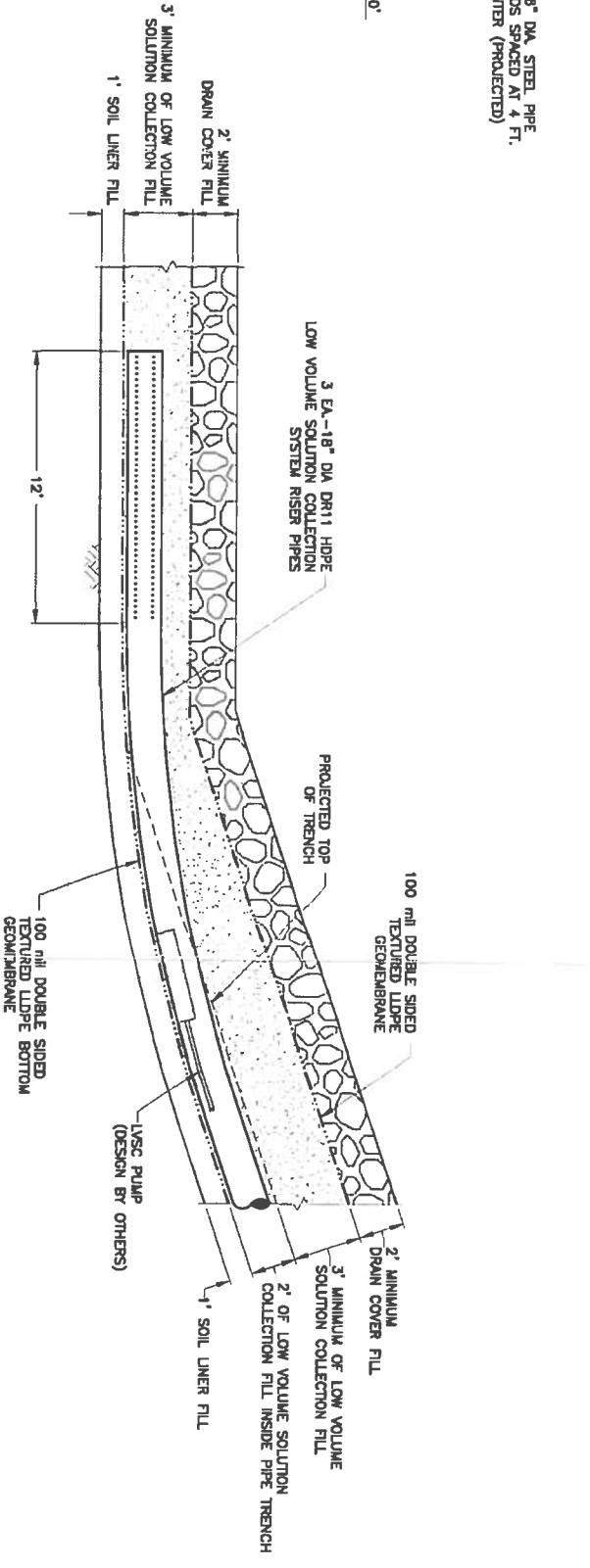
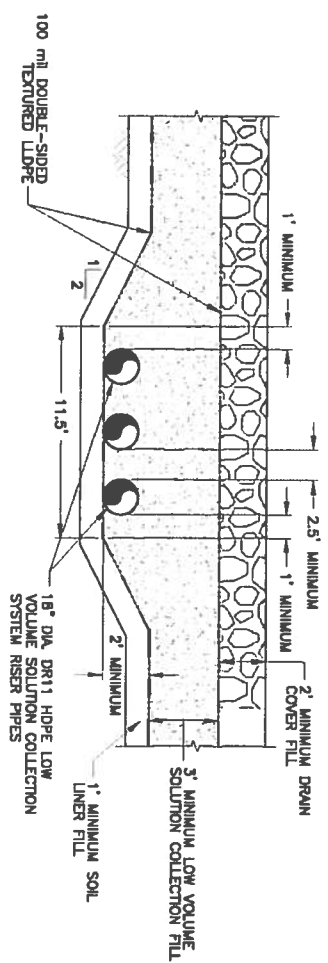




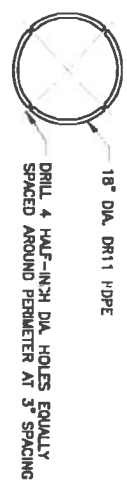
7 LOW VOLUME SOLUTION COLLECTION
A420 SYSTEM RISER OUTLET SECTION
NTS



8 LOW VOLUME SOLUTION COLLECTION
A420 PIPE AT TOE OF PSSA
NTS



C LOW VOLUME SOLUTION COLLECTION
A420 SYSTEM PIPE TRENCH SECTION
NTS

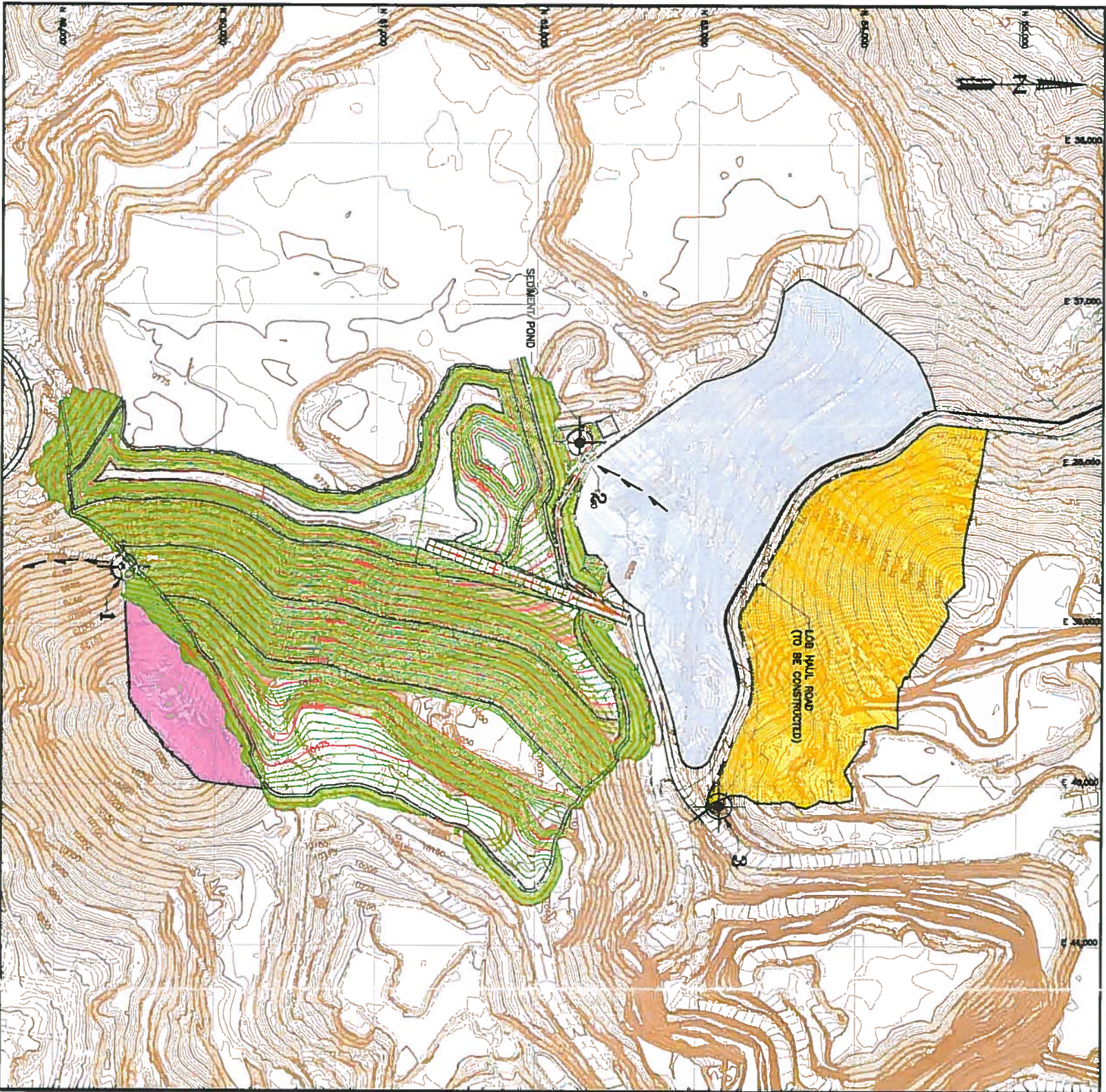


9 RISER PERFORATION
A430
NTS

CLIENT		CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		PHASE 5 VLF	
TITLE		LOW VOLUME SOLUTION COLLECTION SYSTEM SECTIONS AND DETAILS SHEET 2 OF 2	
DESIGNED BY	JFL	CHECKED BY	DTW
DRAWN BY	AJM	APPROVED BY	RMS
FILENAME	1125D118	DRAWING NO.	A430
REV	B		

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SMC
SMITH WILLIAMS CONSULTANTS, INC.
Eugene, Oregon Phone 503 453 0252
Erie, Nevada Phone 775 775 5200



400 0 400 800 FEET

1. SHEET E
LAWSON, JEFFREY, INC., 1000 N. 10TH ST., SUITE 100, DENVER, CO 80202
PROJECT: CRIPPLE CREEK & VICTOR GOLD MINING COMPANY
SUBBASIN DELINEATION MAP
PHASE 5 VLF
DATE: 11/17/2011
BY: JEFFREY LAWSON
CHECKED BY: JEFFREY LAWSON
APPROVED BY: JEFFREY LAWSON

- LEGEND:**
- EXISTING GROUND SURFACE CONTOUR AND EL. FEET
 - PROPOSED GROUND SURFACE CONTOUR AND EL. FEET
 - EXISTING DRAINAGES
 - EXISTING ROADS
 - WATERSHED CONTRIBUTION AREA AT SOUTH SIDE OF VLF
 - WATERSHED CONTRIBUTION AREA AT NORTH SIDE OF VLF
 - WATERSHED CONTRIBUTION AREA AT NORTH SIDE OF LOB HALL ROAD
 - RUNOFF DISCHARGE POINT

PEAK FLOW ESTIMATE		
DIVERSION CHANNEL DISCHARGE POINT	AREA (acres)	100-YEAR/ 24-HOUR STORM (cfs)
1	13.5	29
2	61.1	33
3	102.7	63

B	3/14/08	ISSUED FOR PERMITTING	AD
A	10/15/08	ISSUED FOR CLIENT REVIEW	AD

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CLIENT

PROJECT

TITLE

CRIPPLE CREEK & VICTOR GOLD MINING COMPANY

PHASE 5 VLF

OPERATIONS WATERSHED SUBBASIN DELINEATION MAP

SWC

SOUTH WILLIAMS CONSULTANTS, INC.

1125M136

DESIGNED BY

ALD

CHECKED BY

JFL

DRAWN BY

ALD

APPROVED BY

JFL

DATE

11/17/2011

BY

JFL

DESIGNED BY

ALD

CHECKED BY

JFL

DRAWN BY

ALD

APPROVED BY

JFL

DATE

11/17/2011

BY

JFL