



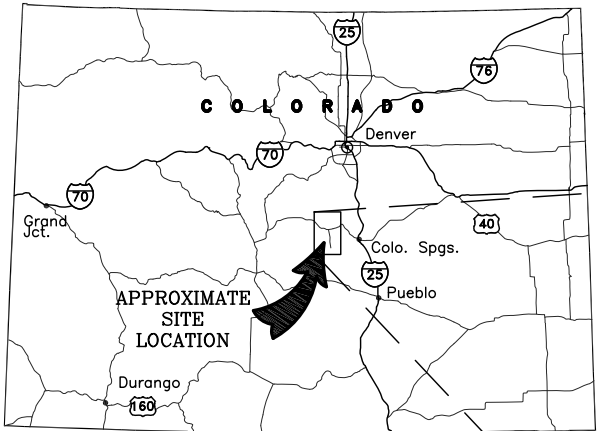
ISSUED FOR CONSTRUCTION DRAWINGS

VALLEY LEACH FACILITY 2 PHASE 3

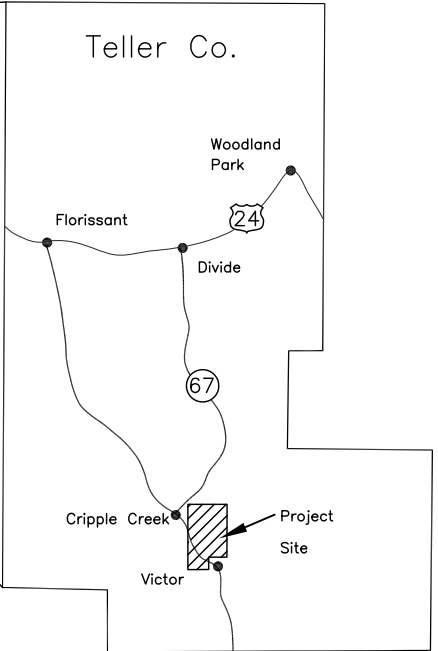
ISSUED FOR CONSTRUCTION
AUGUST 27, 2021

ABBREVIATIONS LEGEND	
CPe	CORRUGATED POLYETHYLENE
cy	CUBIC YARDS
DIA.	DIAMETER
DCF	DRAIN COVER FILL
ea.	EACH
FT.	FEET
LLDPE	LINEAR LOW DENSITY POLYETHYLENE
OSA	OVERBURDEN STORAGE AREA
SLF	SOIL LINER FILL
TYP	TYPICAL
VLF	VALLEY LEACH FACILITY

DRAWING INDEX		
DWG #	DRAWING TITLE	REV
A000	COVER SHEET	0
A010	GENERAL ARRANGEMENT	0
A040	PHASE 3 PAD GRADING PLAN	0
A060	PHASE 3 GEOMEMBRANE LIMITS	0
A080	HIGH VOLUME SOLUTION COLLECTION PIPING LAYOUT	0
A100	STAGE A GRADING PLAN	0
A105	STAGE A PSSA, BENCH AND LVSC PIPING LAYOUT	0
A106	STAGE A PSSA AND BENCH ALIGNMENT TABLES AND SETTING OUT DATA	0
A108	STAGE A LOW COMPACTION ZONE	0
A110	STAGE A ISOPACH	0
A120	STAGE A PIPING PLAN	0
A140	STAGE A LEAK DETECTION LAYOUTS	0
A141	STAGE A LEAK DETECTION PROFILES	0
A150	STAGE A HAUL ROAD PLAN AND PROFILE	0
A170	STAGE A PERIMETER ACCESS ROAD PLAN AND PROFILE (1 OF 3)	0
A171	STAGE A PERIMETER ACCESS ROAD PLAN AND PROFILE (2 OF 3)	0
A172	STAGE A PERIMETER ACCESS ROAD PLAN AND PROFILE (3 OF 3)	0
A180	STAGE A ALIGNMENT TABLES	0
A200	STAGE B GRADING PLAN	0
A210	STAGE B ISOPACH	0
A220	STAGE B PIPING PLAN	0
A240	STAGE B LEAK DETECTION LAYOUTS	0
A241	STAGE B LEAK DETECTION PROFILES	0
A250	STAGE B HAUL ROAD PLAN AND PROFILE (1 OF 2)	0
A251	STAGE B HAUL ROAD PLAN AND PROFILE (2 OF 2)	0
A260	STAGE B BENCH ALIGNMENTS	0
A270	STAGE B PERIMETER ACCESS ROAD PLAN AND PROFILE (1 OF 2)	0
A271	STAGE B PERIMETER ACCESS ROAD PLAN AND PROFILE (2 OF 2)	0
A280	STAGE B ALIGNMENT TABLES	0
A300	STAGE C GRADING PLAN	0
A308	STAGE C LOW COMPACTION ZONE	0
A310	STAGE C ISOPACH	0
A320	STAGE C PIPING PLAN	0
A340	STAGE C LEAK DETECTION LAYOUT	0
A341	STAGE C LEAK DETECTION PROFILES	0
A360	STAGE C BENCH ALIGNMENT	0
A370	STAGE C PERIMETER ACCESS ROAD PLAN AND PROFILE (1 OF 2)	0
A371	STAGE C PERIMETER ACCESS ROAD PLAN AND PROFILE (2 OF 2)	0
A420	LEAK DETECTION DETAILS (SHEET 1 OF 2)	0
A421	LEAK DETECTION DETAILS (SHEET 2 OF 2)	0
A430	VALLEY LEACH FACILITY SECTIONS AND DETAILS (SHEET 1 OF 3)	0
A431	VALLEY LEACH FACILITY SECTIONS AND DETAILS (SHEET 2 OF 3)	0
A432	VALLEY LEACH FACILITY SECTIONS AND DETAILS (SHEET 3 OF 3)	0
A440	PSSA SECTIONS AND DETAILS	0
A450	PSSA RISER SECTIONS AND DETAILS (SHEET 1 OF 5)	0
A451	PSSA RISER SECTIONS AND DETAILS (SHEET 2 OF 5)	0
A452	PSSA RISER SECTIONS AND DETAILS (SHEET 3 OF 5)	0
A453	PSSA RISER SECTIONS AND DETAILS (SHEET 4 OF 5)	0
A454	PSSA RISER SECTIONS AND DETAILS (SHEET 5 OF 5)	0
A460	LOW VOLUME SOLUTION COLLECTION SYSTEM DETAILS	0
A461	HIGH VOLUME SOLUTION COLLECTION SYSTEM DETAILS	0
A470	UNDERGROUND WORKINGS REMEDIATION TYPICAL DETAILS	0



LOCATION MAP



COUNTY MAP

OWNER:

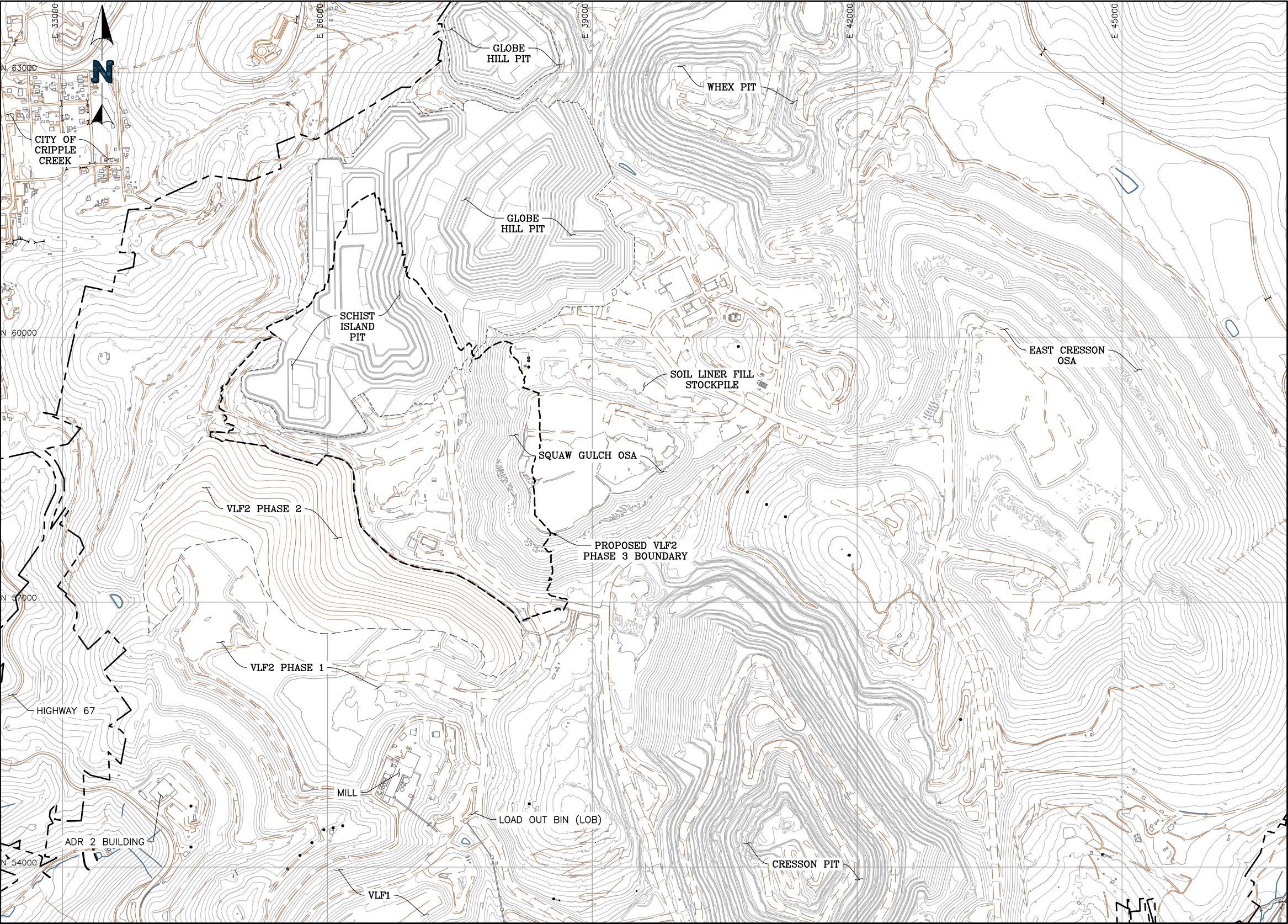


CRIPPLE CREEK & VICTOR
GOLD MINING COMPANY

PREPARED BY:



9400 Station Street, Suite 300, Lone Tree, CO 80124
Phone: (720) 508.3300 www.newfields.com



- LEGEND:**
- EXISTING GROUND CONTOURS
 - AS-BUILT PHASE 2 GROUND CONTOURS
 - EXISTING ROADS/TRAILS
 - AFFECTED LANDS BOUNDARY
 - PROPOSED VLF2 PHASE 3 BOUNDARY

NOTE:

1. FOR INFORMATION ONLY.

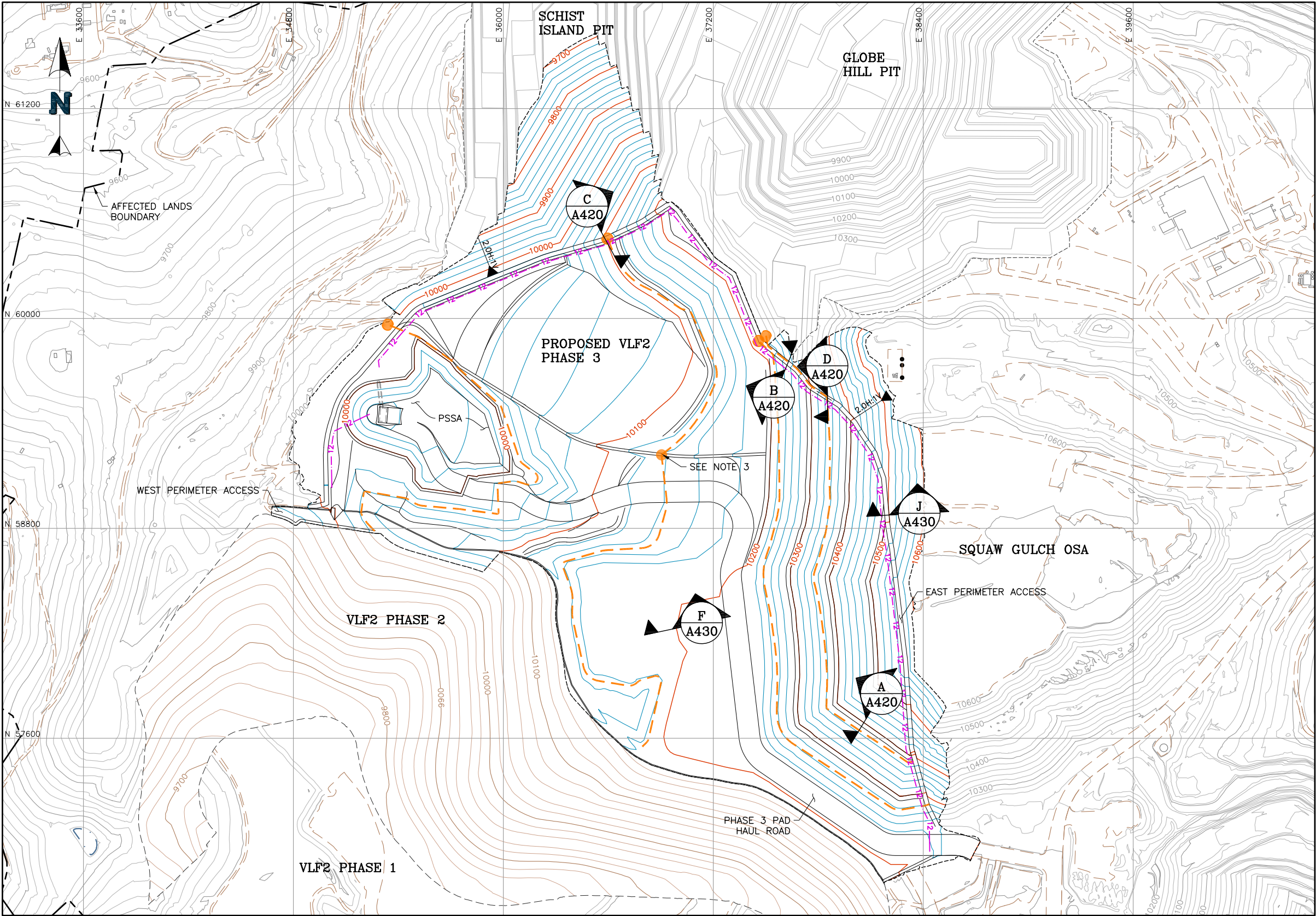


Reference:
NEWMONT PROVIDED THE 2020 FLYOVER DATA TO NEWFIELDS ON JAN. 13, 2021 IN THE FOLLOWING FILE: "5H topo 9-1-20.DWG". EXISTING GROUND INCLUDES FUTURE SCHIST ISLAND PIT CONFIGURATIONS.
FORESIGHT WEST PROVIDED THE AS-BUILT PHASE 2 TOP OF SLF SURFACE TO NEWFIELDS ON SEPT. 24, 2020 IN A FILE CALLED "Cloy As-built thru 9-24-20.DWG"

0	08/27/21	ISSUED FOR CONSTRUCTION	CAZ	JNM	
REV	DATE	DESCRIPTION	TECH	ENG	

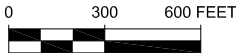
APPROVED BY:	JNM	DISCLAIMER
CHECKED BY:	JNM	NEWFIELDS PRODUCED THE INFORMATION PRESENTED ON THIS DRAWING THROUGH THE USE OF AVAILABLE TECHNICAL INFORMATION AND EXPERIENCE. RECEIVING THIS DRAWING DOES NOT GUARANTEE ANY RIGHTS TO EITHER SUCH TECHNICAL INFORMATION OR EXPERIENCE. ANY MODIFICATION OR ADAPTATION OF THE DATA OR DRAWING SHALL BE AT USER'S RISK AND WITHOUT ANY LIABILITY OR LEGAL RESPONSIBILITY TO NEWFIELDS.
DESIGNED BY:	JEP	
DRAWN BY:	JEP	

 NewFields		CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		SQUAW GULCH VLF2 PHASE 3		
TITLE		FILENAME		
		0106.049.002M		
GENERAL ARRANGEMENT		DRAWING NO.	REVISION	
		A010	0	



- LEGEND:**
- EXISTING GROUND CONTOURS
 - PROPOSED PHASE 3 GROUND CONTOURS
 - AS-BUILT PHASE 2 GROUND CONTOURS
 - EXISTING ROADS/TRAILS
 - AFFECTED LANDS BOUNDARY
 - PROPOSED PHASE 3 LEAK DETECTION TRENCH
 - PROPOSED PHASE 3 LEAK DETECTION MANHOLE
 - 12" PERFORATED CP_e PERIMETER PIPE

- NOTES:**
- PROPOSED CONTOURS REPRESENT TOP OF SOIL LINER FILL WITHIN THE GEOMEMBRANE LIMITS AND FINISHED GRADE EVERYWHERE ELSE.
 - THE GEOMEMBRANE LIMITS ARE SHOWN ON DWG A060.
 - THE MANHOLE TO BE REMOVED WHEN STAGE C IS CONSTRUCTED. THE STAGE C LEAK DETECTION TRENCH IS TO BE CONNECTED TO THE TRENCH FROM STAGE A.



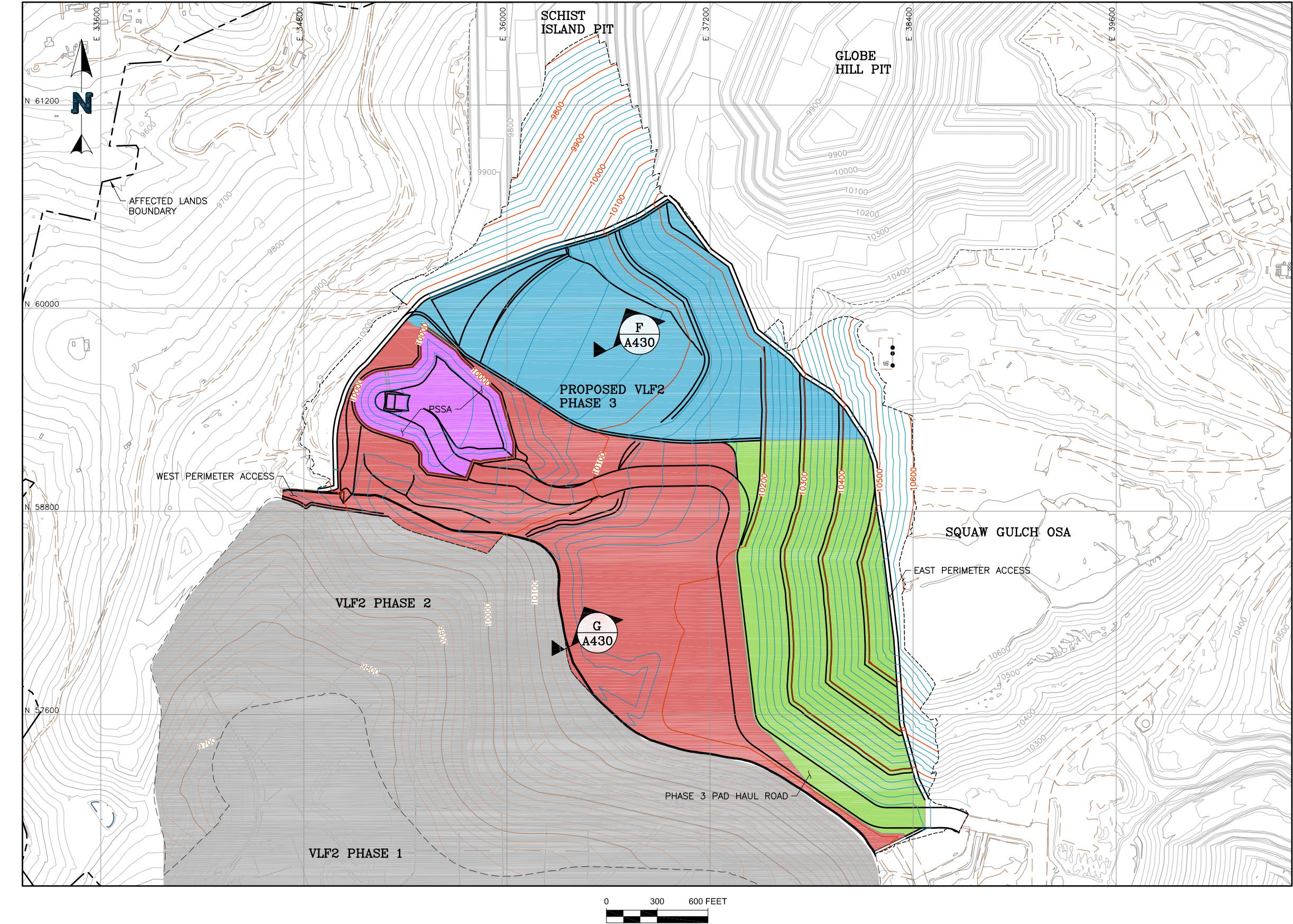
Reference:
NEWMONT PROVIDED THE 2020 FLYOVER DATA TO NEWFIELDS ON JAN. 13, 2021 IN THE FOLLOWING FILE: "5H topo 9-1-20.DWG". EXISTING GROUND INCLUDES FUTURE SCHIST ISLAND PIT CONFIGURATIONS.
FORESIGHT WEST PROVIDED THE AS-BUILT PHASE 2 TOP OF SLF SURFACE TO NEWFIELDS ON SEPT. 24, 2020 IN A FILE CALLED "Cloy As-built thru 9-24-20.DWG"

0	08/27/21	ISSUED FOR CONSTRUCTION		CAZ	JNM
REV	DATE	DESCRIPTION		TECH	ENG

APPROVED BY:	JNM	DISCLAIMER NEWFIELDS PRODUCED THE INFORMATION PRESENTED ON THIS DRAWING THROUGH THE USE OF AVAILABLE TECHNICAL INFORMATION AND EXPERIENCE. RECEIVING THIS DRAWING DOES NOT GUARANTEE ANY RIGHTS TO EITHER SUCH TECHNICAL INFORMATION OR EXPERIENCE. ANY MODIFICATION OR ADAPTATION OF THE DATA OR DRAWING SHALL BE AT USER'S RISK AND WITHOUT ANY LIABILITY OR LEGAL RESPONSIBILITY TO NEWFIELDS.
CHECKED BY:	JNM	
DESIGNED BY:	JEP	
DRAWN BY:	JEP	

 NewFields		CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		SQUAW GULCH VLF2 PHASE 3		
TITLE	PHASE 3 PAD GRADING PLAN		FILENAME	
			0106.049.003M	
			DRAWING NO.	REVISION
		A040	0	

P:\Projects\0106.049 2021 VLF2 PH3 Support\A-CAD\DWGS\0106.049.005M.dwg - 8/26/2021 2:43 PM



- LEGEND:**
- EXISTING GROUND CONTOURS
 - PROPOSED PHASE 3 GROUND CONTOURS
 - AS-BUILT PHASE 2 GROUND CONTOURS
 - EXISTING ROADS/TRAILS
 - AFFECTED LANDS BOUNDARY
 - LIMITS OF EXISTING GEOMEMBRANE (80 mil LLDPE GEOMEMBRANE)
 - LIMITS OF PSSA GEOMEMBRANE (100 mil LLDPE GEOMEMBRANE)
 - LIMITS OF PHASE 3 STAGE A (80 mil LLDPE GEOMEMBRANE)
 - LIMITS OF PHASE 3 STAGE B (80 mil LLDPE GEOMEMBRANE)
 - LIMITS OF PHASE 3 STAGE C (80 mil LLDPE GEOMEMBRANE)

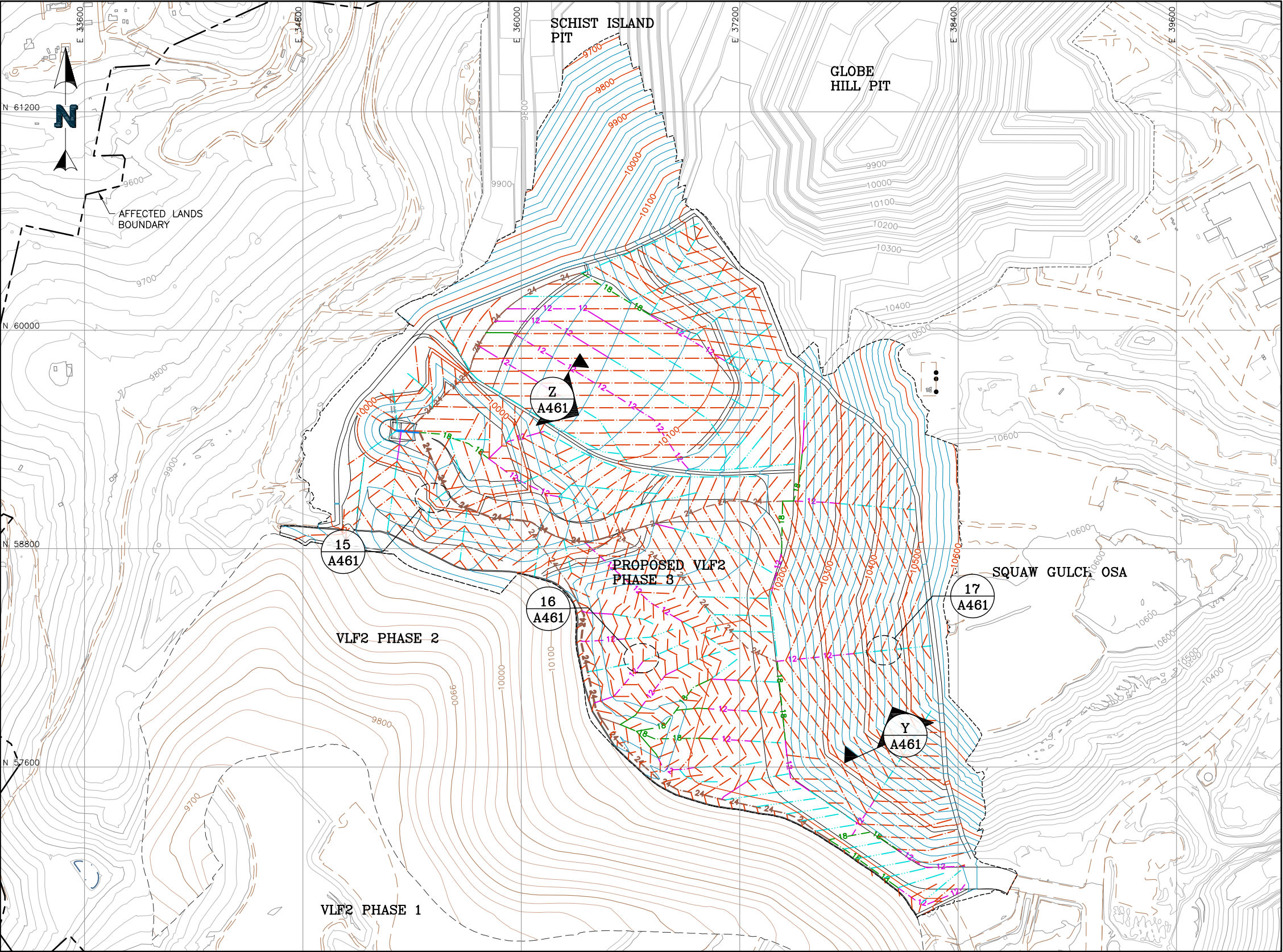
- NOTES:**
- PROPOSED CONTOURS REPRESENT TOP OF SOIL LINER FILL WITHIN THE GEOMEMBRANE LIMITS AND FINISHED GRADE EVERYWHERE ELSE.



Reference:
NEWMONT PROVIDED THE 2020 FLYOVER DATA TO NEWFIELDS ON JAN. 13, 2021 IN THE FOLLOWING FILE: "5H topo 9-1-20.DWG". EXISTING GROUND INCLUDES FUTURE SCHIST ISLAND PIT CONFIGURATIONS.
FORESIGHT WEST PROVIDED THE AS-BUILT PHASE 2 TOP OF SLF SURFACE TO NEWFIELDS ON SEPT. 24, 2020 IN A FILE CALLED "Cloy As-built thru 9-24-20.DWG"

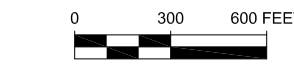
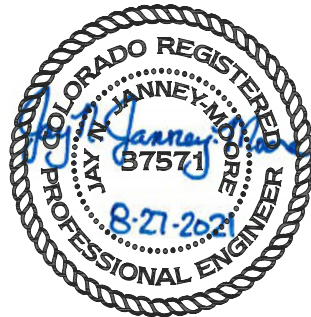
				APPROVED BY:	DISCLAIMER NEWFIELDS PRODUCED THE INFORMATION PRESENTED ON THIS DRAWING THROUGH THE USE OF AVAILABLE TECHNICAL INFORMATION AND EXPERIENCE. RECEIVING THIS DRAWING DOES NOT GUARANTEE ANY RIGHTS TO EITHER SUCH TECHNICAL INFORMATION OR EXPERIENCE. ANY MODIFICATION OR ADAPTATION OF THE DATA OR DRAWING SHALL BE AT USER'S RISK AND WITHOUT ANY LIABILITY OR LEGAL RESPONSIBILITY TO NEWFIELDS.
				JNM	
				CHECKED BY:	
				JNM	
				DESIGNED BY:	JEP
				JEP	
				DRAWN BY:	JEP
				CAZ	JNM
				TECH	ENG
0	08/27/21	ISSUED FOR CONSTRUCTION			
REV	DATE	DESCRIPTION			

		CLIENT Cripple Creek & Victor Gold Mining Company	
PROJECT		SQUAW GULCH VLF2 PHASE 3	
TITLE		FILENAME	
		0106.049.005M	
PHASE 3 GEOMEMBRANE LIMITS		DRAWING NO.	REVISION
		A060	0



- LEGEND:**
- EXISTING GROUND CONTOURS
 - PROPOSED PHASE 3 GROUND CONTOURS
 - AS-BUILT PHASE 2 GROUND CONTOURS
 - EXISTING ROADS/TRAILS
 - 4 IN DIA. PERFORATED CPe COLLECTION PIPE
 - 8 IN DIA. PERFORATED CPe COLLECTION PIPE
 - 12 IN DIA. PERFORATED CPe COLLECTION PIPE
 - 18 IN DIA. PERFORATED CPe COLLECTION PIPE
 - 24 IN DIA. PERFORATED CPe COLLECTION PIPE
 - 28 IN DIA. PERFORATED HDPE SDR11 PIPE
 - AFFECTED LANDS BOUNDARY

- NOTES:**
- PROPOSED CONTOURS REPRESENT TOP OF SOIL LINER FILL WITHIN THE GEOMEMBRANE LIMITS AND FINISHED GRADE EVERYWHERE ELSE.
 - THE GEOMEMBRANE LIMITS ARE SHOWN ON DWG A060.



REV	DATE	DESCRIPTION	TECH	ENG
0	08/27/21	ISSUED FOR CONSTRUCTION	CAZ	JNM

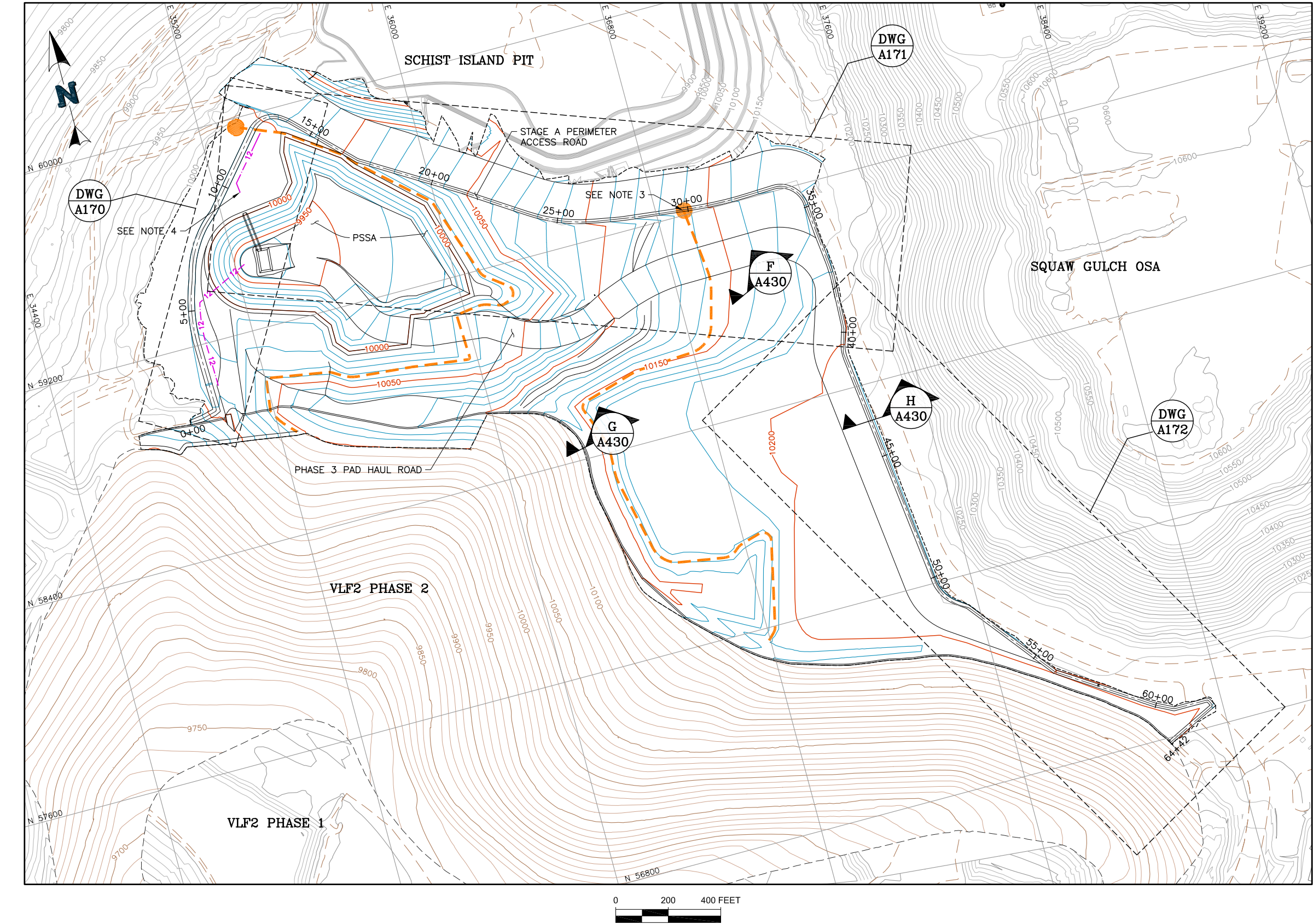
APPROVED BY:	JNM	DISCLAIMER NEWFIELDS PRODUCED THE INFORMATION PRESENTED ON THIS DRAWING THROUGH THE USE OF AVAILABLE TECHNICAL INFORMATION AND EXPERIENCE. RECEIVING THIS DRAWING DOES NOT GUARANTEE ANY RIGHTS TO EITHER SUCH TECHNICAL INFORMATION OR EXPERIENCE. ANY MODIFICATION OR ADAPTATION OF THE DATA OR DRAWING SHALL BE AT USER'S RISK AND WITHOUT ANY LIABILITY OR LEGAL RESPONSIBILITY TO NEWFIELDS.
CHECKED BY:	JNM	
DESIGNED BY:	JEP	
DRAWN BY:	JEP	

 NewFields	CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
	PROJECT SQUAW GULCH VLF2 PHASE 3		
TITLE	HIGH VOLUME SOLUTION COLLECTION PIPING LAYOUT		FILENAME
			0106.049.026M
	DRAWING NO.	REVISION	
		A080	0

P:\Projects\0106.049_2021_VLF2_PH3_Support\A-CAD\DWGS\0106.049.026M.dwg - 8/26/2021 2:43 PM

Reference:
NEWMONT PROVIDED THE 2020 FLYOVER DATA TO NEWFIELDS ON JAN. 13, 2021 IN THE FOLLOWING FILE: "5H topo 9-1-20.DWG". EXISTING GROUND INCLUDES FUTURE SCHIST ISLAND PIT CONFIGURATIONS.
FORESIGHT WEST PROVIDED THE AS-BUILT PHASE 2 TOP OF SLF SURFACE TO NEWFIELDS ON SEPT. 24, 2020 IN A FILE CALLED "Clay As-built thru 9-24-20.DWG"

P:\Projects\0106.049 2021 VLF2 PH3 Support\A-CAD\DWGS\0106.049.042M.dwg-8/27/2021 1:22 PM



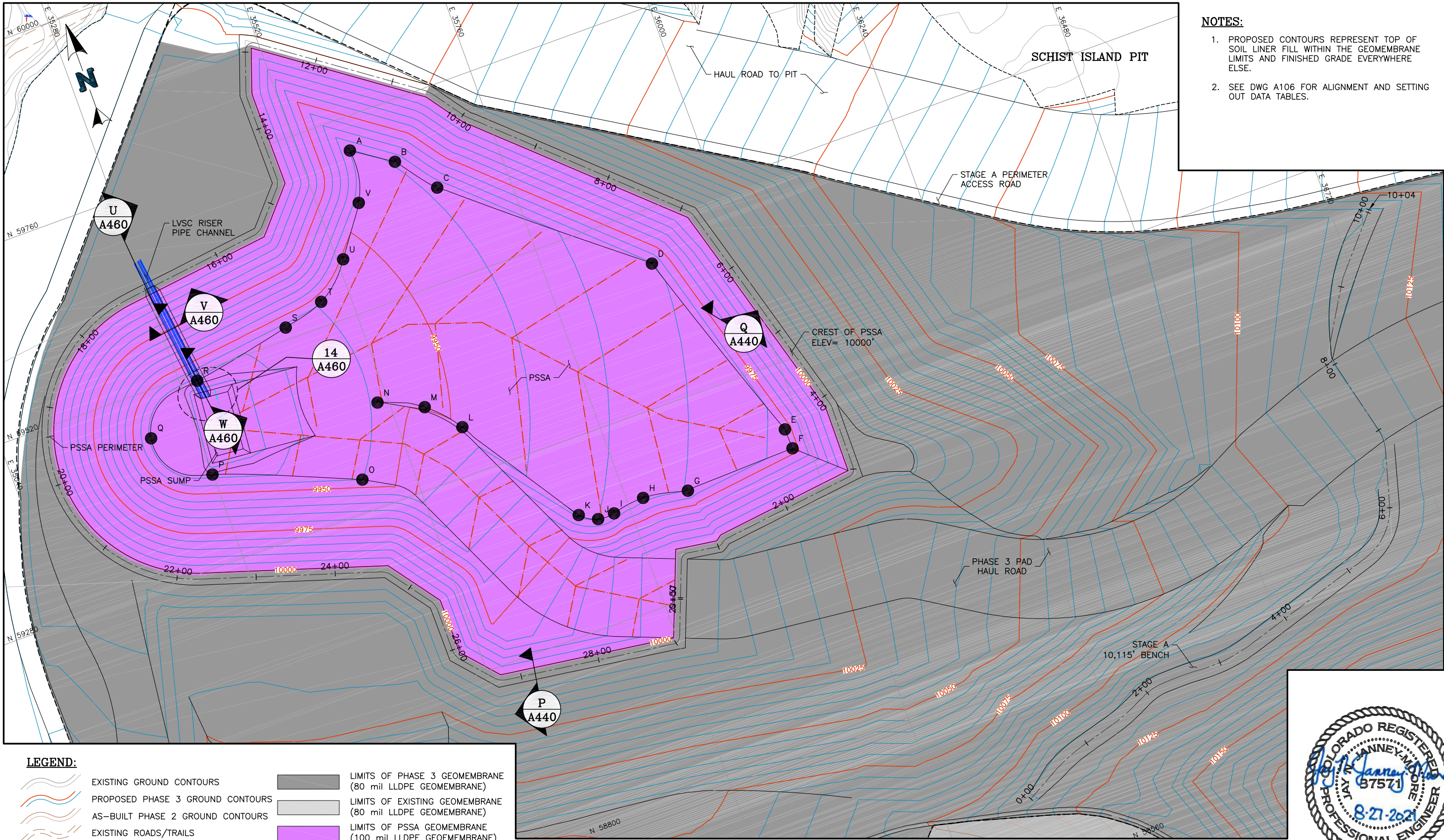
- LEGEND:**
- EXISTING GROUND CONTOURS
 - PROPOSED PHASE 3 STAGE A GROUND CONTOURS
 - AS-BUILT PHASE 2 GROUND CONTOURS
 - EXISTING ROADS/TRAILS
 - AFFECTED LANDS BOUNDARY
 - PROPOSED PHASE 3 LEAK DETECTION TRENCH
 - PROPOSED PHASE 3 LEAK DETECTION MANHOLE
 - 12" PERFORATED CPe PERIMETER PIPE

- NOTES:**
- PROPOSED CONTOURS REPRESENT TOP OF SOIL LINER FILL WITHIN THE GEOMEMBRANE LIMITS AND FINISHED GRADE EVERYWHERE ELSE.
 - THE GEOMEMBRANE LIMITS ARE SHOWN ON DWG A060.
 - THE MANHOLE TO BE REMOVED WHEN STAGE C IS CONSTRUCTED. THE STAGE C LEAK DETECTION TRENCH IS TO BE CONNECTED TO THE TRENCH FROM STAGE A.
 - TIE END OF PERIMETER PIPE INTO HVSC PIPE.



Reference:
NEWMONT PROVIDED THE 2020 FLYOVER DATA TO NEWFIELDS ON JAN. 13, 2021 IN THE FOLLOWING FILE: "5ft topo 9-1-20.DWG". EXISTING GROUND INCLUDES FUTURE SCHIST ISLAND PIT CONFIGURATIONS.
FORESIGHT WEST PROVIDED THE AS-BUILT PHASE 2 TOP OF SLF SURFACE TO NEWFIELDS ON SEPT. 24, 2020 IN A FILE CALLED "Clay As-built thru 9-24-20.DWG"

						APPROVED BY: JNM	DISCLAIMER NEWFIELDS PRODUCED THE INFORMATION PRESENTED ON THIS DRAWING THROUGH THE USE OF AVAILABLE TECHNICAL INFORMATION AND EXPERIENCE. RECEIVING THIS DRAWING DOES NOT GUARANTEE ANY RIGHTS TO EITHER SUCH TECHNICAL INFORMATION OR EXPERIENCE. ANY MODIFICATION OR ADAPTATION OF THE DATA OR DRAWING SHALL BE AT USER'S RISK AND WITHOUT ANY LIABILITY OR LEGAL RESPONSIBILITY TO NEWFIELDS.		CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
						CHECKED BY: JNM			PROJECT	SQUAW GULCH VLF2 PHASE 3	
						DESIGNED BY: JEP			TITLE	STAGE A GRADING PLAN	
0	08/27/21	ISSUED FOR CONSTRUCTION			CAZ	JNM			FILENAME 0106.049.042M		
REV	DATE	DESCRIPTION			TECH	ENG			DRAWING NO. A100		REVISION 0

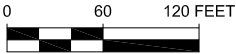


- NOTES:**
1. PROPOSED CONTOURS REPRESENT TOP OF SOIL LINER FILL WITHIN THE GEOMEMBRANE LIMITS AND FINISHED GRADE EVERYWHERE ELSE.
 2. SEE DWG A106 FOR ALIGNMENT AND SETTING OUT DATA TABLES.

LEGEND:

- | | | | |
|--|--|--|---|
| | EXISTING GROUND CONTOURS | | LIMITS OF PHASE 3 GEOMEMBRANE (80 mil LLDPE GEOMEMBRANE) |
| | PROPOSED PHASE 3 GROUND CONTOURS | | LIMITS OF EXISTING GEOMEMBRANE (80 mil LLDPE GEOMEMBRANE) |
| | AS-BUILT PHASE 2 GROUND CONTOURS | | LIMITS OF PSSA GEOMEMBRANE (100 mil LLDPE GEOEMBRANE) |
| | EXISTING ROADS/TRAILS | | 18 IN DIA HDPE LOW VOLUME SOLUTION COLLECTION RISERS |
| | 4 IN DIA PERFORATED CPe LOW VOLUME SOLUTION COLLECTION PIPES | | |

Reference:
NEWMONT PROVIDED THE 2020 FLYOVER DATA TO NEWFIELDS ON JAN. 13, 2021 IN THE FOLLOWING FILE: "5H topo 9-1-20.DWG". EXISTING GROUND INCLUDES FUTURE SCHIST ISLAND PIT CONFIGURATIONS.
FORESIGHT WEST PROVIDED THE AS-BUILT PHASE 2 TOP OF SLF SURFACE TO NEWFIELDS ON SEPT. 24, 2020 IN A FILE CALLED "Cloy As-built thru 9-24-20.DWG"

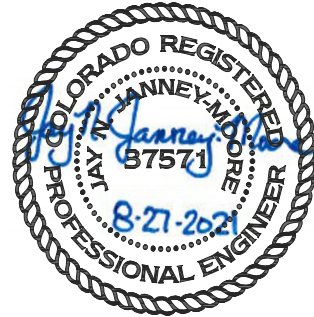


REV	DATE	DESCRIPTION	TECH	ENG
0	08/27/21	ISSUED FOR CONSTRUCTION	CAZ	JNM

APPROVED BY:	JNM
CHECKED BY:	JNM
DESIGNED BY:	JEP
DRAWN BY:	JEP

DISCLAIMER
NEWFIELDS PRODUCED THE INFORMATION PRESENTED ON THIS DRAWING THROUGH THE USE OF AVAILABLE TECHNICAL INFORMATION AND EXPERIENCE. RECEIVING THIS DRAWING DOES NOT GUARANTEE ANY RIGHTS TO EITHER SUCH TECHNICAL INFORMATION OR EXPERIENCE. ANY MODIFICATION OR ADAPTATION OF THE DATA OR DRAWING SHALL BE AT USER'S RISK AND WITHOUT ANY LIABILITY OR LEGAL RESPONSIBILITY TO NEWFIELDS.

	CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY
PROJECT	SQUAW GULCH VLF2 PHASE 3	
TITLE	STAGE A PSSA, BENCH AND LVSC PIPING LAYOUT	
FILENAME	0106.049.023M	REVISION
DRAWING NO.	A105	0



P:\Projects\0106.049_2021_VLF2_PH3_Support\A--CAD\DWGS\0106.049.052P.dwg--8/26/2021 3:06 PM

Reference:
NEWMONT PROVIDED THE 2020 FLYOVER DATA TO NEWFIELDS ON JAN. 13, 2021 IN THE FOLLOWING FILE: "5H topo 9-1-20.DWG". EXISTING GROUND INCLUDES FUTURE SCHIST ISLAND PIT CONFIGURATIONS.
FORESIGHT WEST PROVIDED THE AS-BUILT PHASE 2 TOP OF SLF SURFACE TO NEWFIELDS ON SEPT. 24, 2020 IN A FILE CALLED "Cloy As-built thru 9-24-20.DWG"

PSSA CREST ALIGNMENT TABLE						
	STATION	NORTHING	EASTING	DELTA (D-M-S)	LENGTH (FT)	RADIUS (FT)
BP	0+00.00	59,043.82	35,781.71			
PC	0+47.02	59,087.61	35,798.82	077-07-12	13.46	10.00
PT	0+60.48	59,093.87	35,809.60			
PC	0+98.35	59,088.30	35,847.06	045-30-48	7.94	10.00
PT	1+06.29	59,090.21	35,854.55			
PC	1+09.61	59,092.21	35,857.20	030-15-29	5.28	10.00
PT	1+14.89	59,094.16	35,862.04			
PC	2+88.32	59,114.70	36,034.25	082-41-58	14.43	10.00
PT	3+02.75	59,124.55	36,043.07			
PC	3+82.80	59,204.59	36,043.76	016-24-58	5.73	20.00
PT	3+88.53	59,210.25	36,043.00			
PC	6+80.59	59,491.11	35,962.90	031-01-47	10.83	20.00
PT	6+91.43	59,500.24	35,957.32			
PC	9+94.70	59,707.28	35,735.70	011-05-58	3.87	20.00
PT	9+98.58	59,710.18	35,733.14			
PC	10+45.84	59,748.49	35,705.47	018-30-05	12.92	40.00
PT	10+58.76	59,757.57	35,696.36			
PC	12+79.74	59,886.37	35,516.79	106-23-16	18.57	10.00
PT	12+98.31	59,881.54	35,501.52			
PC	13+50.77	59,832.02	35,484.21	019-39-33	6.86	20.00
PT	13+57.63	59,825.28	35,483.10			
PC	14+65.50	59,717.41	35,483.84	041-45-16	14.58	20.00
PT	14+80.08	59,704.06	35,478.85			
PC	15+31.86	59,665.19	35,444.64	041-45-16	14.58	20.00
PT	15+46.44	59,658.55	35,432.02			
PC	17+23.29	59,637.34	35,256.45	155-25-21	508.62	187.50
PT	22+31.91	59,272.56	35,221.96			
PC	24+58.21	59,203.79	35,437.56	035-57-25	12.55	20.00
PT	24+70.77	59,196.59	35,447.59			
PC	25+32.15	59,147.16	35,483.98	035-57-24	12.55	20.00
PT	25+44.70	59,135.44	35,487.87			
PC	26+01.14	59,079.00	35,488.26	040-50-33	14.26	20.00
PT	26+15.40	59,065.96	35,493.22			
PC	26+65.36	59,028.39	35,526.16	040-50-33	14.26	20.00
PT	26+79.61	59,021.76	35,538.44			
PC	28+96.43	58,991.89	35,753.19	076-35-08	13.37	10.00
PT	29+09.80	58,998.16	35,763.88			
EP	29+56.81	59,041.95	35,780.99			

PSSA SETTING OUT DATA			
POINT	NORTHING	EASTING	ELEVATION
A	59,717.82	35,582.50	9,954.42
B	59,685.05	35,631.14	9,955.28
C	59,636.03	35,670.14	9,955.66
D	59,453.02	35,892.24	9,964.55
E	59,198.63	35,978.41	9,971.10
F	59,172.88	35,979.19	9,971.60
G	59,167.71	35,836.71	9,965.24
H	59,178.47	35,780.48	9,962.52
I	59,172.67	35,739.33	9,960.90
J	59,172.75	35,717.85	9,960.00
K	59,185.91	35,696.58	9,958.75
L	59,340.63	35,596.47	9,950.72
M	59,380.69	35,560.31	9,948.39
N	59,406.55	35,506.39	10,050.00
O	59,321.55	35,455.03	9,945.00
P	59,392.31	35,279.26	9,938.00
Q	59,461.89	35,222.15	9,938.92
R	59,510.33	35,301.70	9,937.99
S	59,535.32	35,429.72	9,942.72
T	59,550.59	35,482.96	9,945.39
U	59,591.61	35,527.48	9,948.35
V	59,651.83	35,570.41	9,951.83

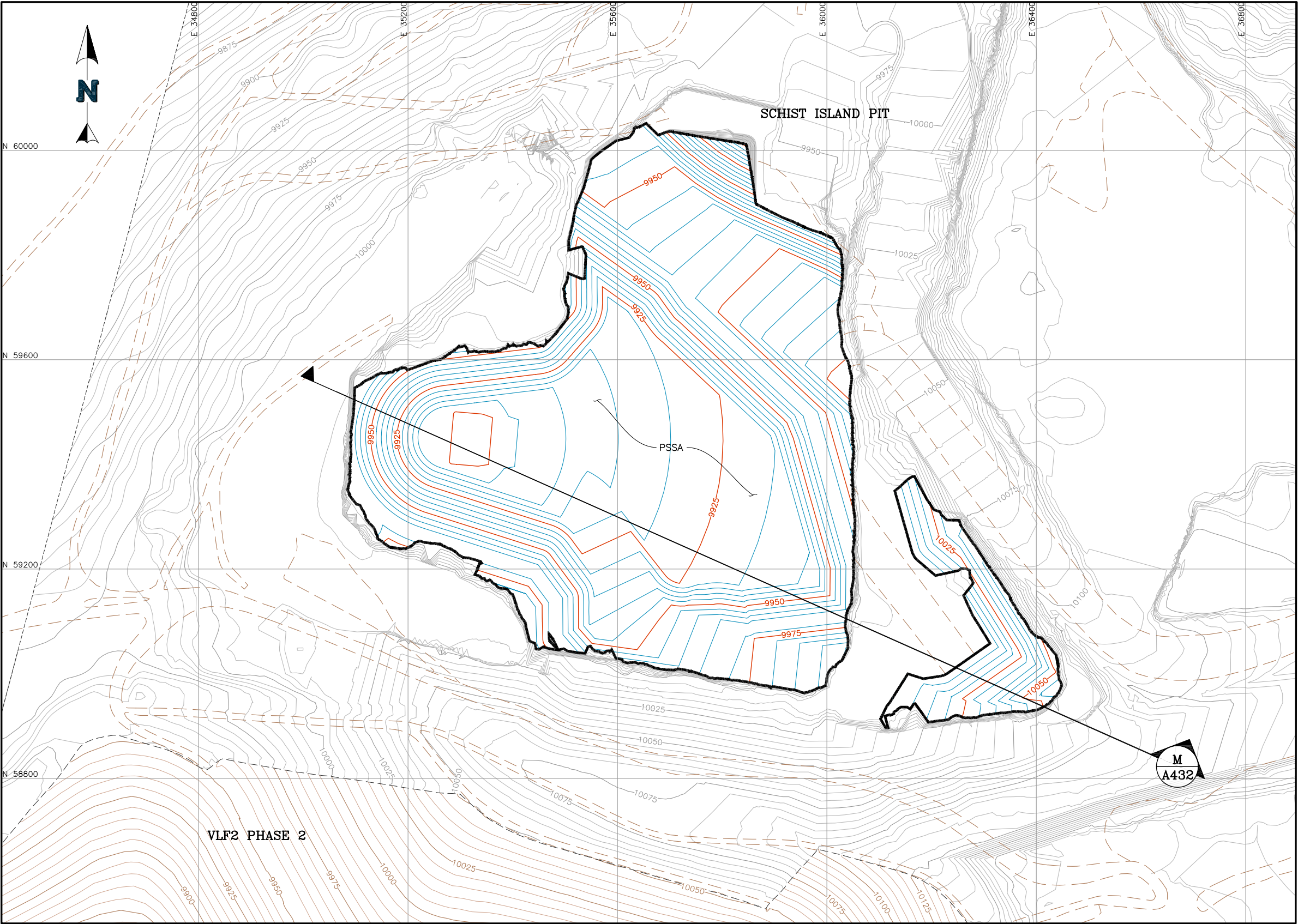
STAGE A 10,115' BENCH ALIGNMENT TABLE						
	STATION	NORTHING	EASTING	DELTA (D-M-S)	LENGTH (FT)	RADIUS (FT)
BP	0+00.00	58,653.33	36,110.59			
PC	0+45.87	58,675.77	36,150.60	014-01-00	48.93	200.00
PT	0+94.80	58,694.27	36,195.76			
PC	1+38.85	58,705.87	36,238.25	010-24-31	36.33	200.00
PT	1+75.18	58,718.57	36,272.24			
PC	1+94.17	58,726.80	36,289.36	024-01-57	30.41	72.51
PT	2+24.59	58,733.93	36,318.70			
PC	2+46.65	58,734.56	36,340.75	006-15-15	21.83	200.00
PT	2+68.48	58,734.00	36,362.56			
PC	2+70.23	58,733.86	36,364.31	021-38-34	75.55	200.00
PT	3+45.78	58,741.99	36,438.97			
PC	5+26.41	58,794.90	36,611.67	057-12-59	77.80	77.91
PT	6+04.21	58,848.25	36,663.83			
PC	6+73.44	58,914.88	36,682.62	029-15-45	25.54	50.00
PT	6+98.98	58,940.14	36,683.12			
PC	7+95.26	59,033.75	36,660.62	044-30-21	38.84	50.00
PT	8+34.09	59,071.18	36,666.37			
PC	9+06.47	59,133.22	36,703.64	010-03-11	8.77	50.00
PT	9+15.24	59,140.30	36,708.79			
EP	10+03.82	59,207.11	36,766.96			

NOTE:

1. SEE DWG A105 FOR ALIGNMENTS AND SETTING OUT POINTS.



						APPROVED BY: JNM	DISCLAIMER NEWFIELDS PRODUCED THE INFORMATION PRESENTED ON THIS DRAWING THROUGH THE USE OF AVAILABLE TECHNICAL INFORMATION AND EXPERIENCE. RECEIVING THIS DRAWING DOES NOT GUARANTEE ANY RIGHTS TO EITHER SUCH TECHNICAL INFORMATION OR EXPERIENCE. ANY MODIFICATION OR ADAPTATION OF THE DATA OR DRAWING SHALL BE AT USER'S RISK AND WITHOUT ANY LIABILITY OR LEGAL RESPONSIBILITY TO NEWFIELDS.		CLIENT		CRIPPLE CREEK & VICTOR GOLD MINING COMPANY				
						CHECKED BY: JNM			PROJECT				SQUAW GULCH VLF2 PHASE 3		
						DESIGNED BY: JEP			TITLE					FILENAME	
0	08/27/21	ISSUED FOR CONSTRUCTION			CAZ	JNM			STAGE A PSSA AND BENCH ALIGNMENT TABLES AND SETTING OUT DATA					0106.049.052P	
REV	DATE	DESCRIPTION			TECH	ENG	DRAWN BY: JEP						DRAWING NO. A106	REVISION 0	



LEGEND:

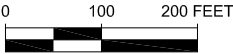
- EXISTING GROUND CONTOURS
- PROPOSED LOW COMPACTION GROUND CONTOURS
- EXISTING ROADS/TRAILS

VOLUME	
CUT (cy)	FILL (cy)
0	1,610,950

- NOTES:**
- FOR INFORMATION ONLY.
 - PROPOSED GROUND CONTOURS REPRESENT TOP OF LOW COMPACTION SURFACE (35' BELOW FINISHED GRADE).



Reference:
NEWMONT PROVIDED THE 2020 FLYOVER DATA TO NEWFIELDS ON JAN. 13, 2021 IN THE FOLLOWING FILE: "5H topo 9-1-20.DWG". EXISTING GROUND INCLUDES FUTURE SCHIST ISLAND PIT CONFIGURATIONS.
FORESIGHT WEST PROVIDED THE AS-BUILT PHASE 2 TOP OF SLF SURFACE TO NEWFIELDS ON SEPT. 24, 2020 IN A FILE CALLED "Clay As-built thru 9-24-20.DWG"

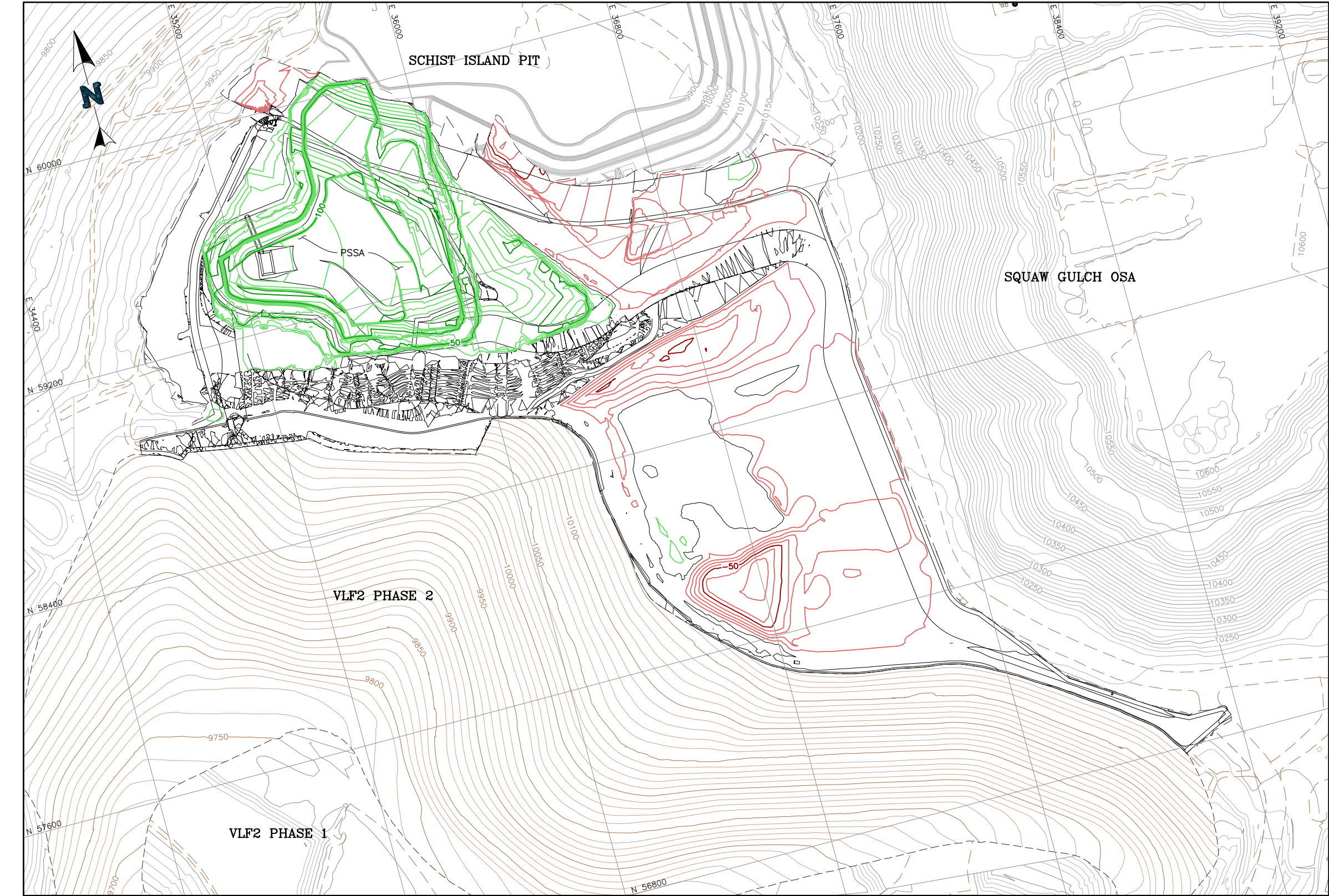


0	08/27/21	ISSUED FOR CONSTRUCTION	JEP	JNM	
REV	DATE	DESCRIPTION	TECH	ENG	

APPROVED BY:	JNM	DISCLAIMER NEWFIELDS PRODUCED THE INFORMATION PRESENTED ON THIS DRAWING THROUGH THE USE OF AVAILABLE TECHNICAL INFORMATION AND EXPERIENCE. RECEIVING THIS DRAWING DOES NOT GUARANTEE ANY RIGHTS TO EITHER SUCH TECHNICAL INFORMATION OR EXPERIENCE. ANY MODIFICATION OR ADAPTATION OF THE DATA OR DRAWING SHALL BE AT USER'S RISK AND WITHOUT ANY LIABILITY OR LEGAL RESPONSIBILITY TO NEWFIELDS.
CHECKED BY:	JNM	
DESIGNED BY:	JEP	
DRAWN BY:	JEP	

 NewFields		CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		SQUAW GULCH VLF2 PHASE 3		
TITLE	STAGE A LOW COMPACTION ZONE		FILENAME 0106.049.081M	
			DRAWING NO. A108	REVISION 0

P:\Projects\0106.049 2021 VLF2 PH3 Support\A-CAD\DWGS\0106.049.059M.dwg-8/27/2021 10:50 AM



- LEGEND:**
- EXISTING GROUND CONTOURS
 - CUT ISOPACH CONTOURS
 - FILL ISOPACH CONTOURS
 - AS-BUILT PHASE 2 GROUND CONTOURS
 - EXISTING ROADS/TRAILS

VOLUME	
CUT (cy)	FILL (cy)
1,143,470	2,786,760

NOTE:
1. FOR INFORMATION ONLY.



Reference:
NEWMONT PROVIDED THE 2020 FLYOVER DATA TO NEWFIELDS ON JAN. 13, 2021 IN THE FOLLOWING FILE: "5H topo 9-1-20.DWG". EXISTING GROUND INCLUDES FUTURE SCHIST ISLAND PIT CONFIGURATIONS.
FORESIGHT WEST PROVIDED THE AS-BUILT PHASE 2 TOP OF SLF SURFACE TO NEWFIELDS ON SEPT. 24, 2020 IN A FILE CALLED "Cloy As-built thru 9-24-20.DWG"

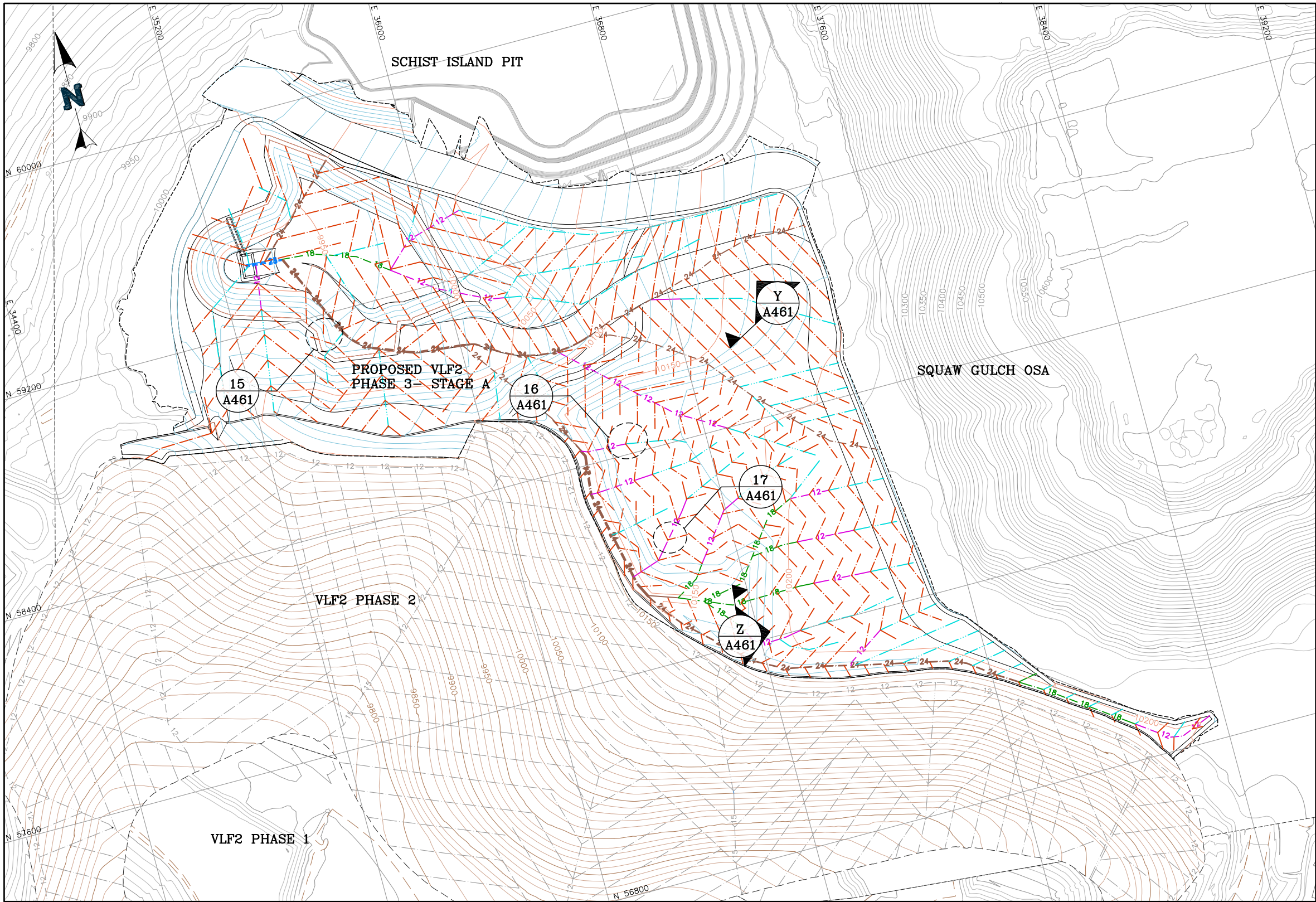
				APPROVED BY: JNM		DISCLAIMER		NewFields		CLIENT Cripple Creek & Victor Gold Mining Company	
				CHECKED BY: JNM		NEWFIELDS PRODUCED THE INFORMATION PRESENTED ON THIS DRAWING THROUGH THE USE OF AVAILABLE TECHNICAL INFORMATION AND EXPERIENCE. RECEIVING THIS DRAWING DOES NOT GUARANTEE ANY RIGHTS TO EITHER SUCH TECHNICAL INFORMATION OR EXPERIENCE. ANY MODIFICATION OR ADAPTATION OF THE DATA OR DRAWING SHALL BE AT USER'S RISK AND WITHOUT ANY LIABILITY OR LEGAL RESPONSIBILITY TO NEWFIELDS.		PROJECT SQUAW GULCH VLF2 PHASE 3		FILENAME 0106.049.059M	
				DESIGNED BY: JEP				TITLE STAGE A ISOPACH		DRAWING NO. A110	
				DRAWN BY: JEP						REVISION 0	
0		08/27/21		ISSUED FOR CONSTRUCTION		CAZ JNM					
REV		DATE		DESCRIPTION		TECH ENG					

P:\Projects\0106.049 2021 VLF2 PH3 Support\A-CAD\DWGS\0106.049.049M.dwg-8/27/2021 10:51 AM

Reference:

NEWMONT PROVIDED THE 2020 FLYOVER DATA TO NEWFIELDS ON JAN. 13, 2021 IN THE FOLLOWING FILE: "5th topo 9-1-20.DWG". EXISTING GROUND INCLUDES FUTURE SCHIST ISLAND PIT CONFIGURATIONS.

FORESIGHT WEST PROVIDED THE AS-BUILT PHASE 2 TOP OF SLF SURFACE TO NEWFIELDS ON SEPT. 24, 2020 IN A FILE CALLED "Cloy As-built thru 9-24-20.DWG"



LEGEND:

- EXISTING GROUND CONTOURS
- PROPOSED PHASE 3 STAGE A GROUND CONTOURS
- AS-BUILT PHASE 2 GROUND CONTOURS
- EXISTING ROADS/TRAILS
- 4 IN DIA. PERFORATED CPe COLLECTION PIPE
- 8 IN DIA. PERFORATED CPe COLLECTION PIPE
- 12 IN DIA. PERFORATED CPe COLLECTION PIPE
- 18 IN DIA. PERFORATED CPe COLLECTION PIPE
- 24 IN DIA. PERFORATED CPe COLLECTION PIPE
- 28 IN DIA. PERFORATED HDPE SDR11 PIPE

STAGE 2 AS-BUILT HVSC PIPES:

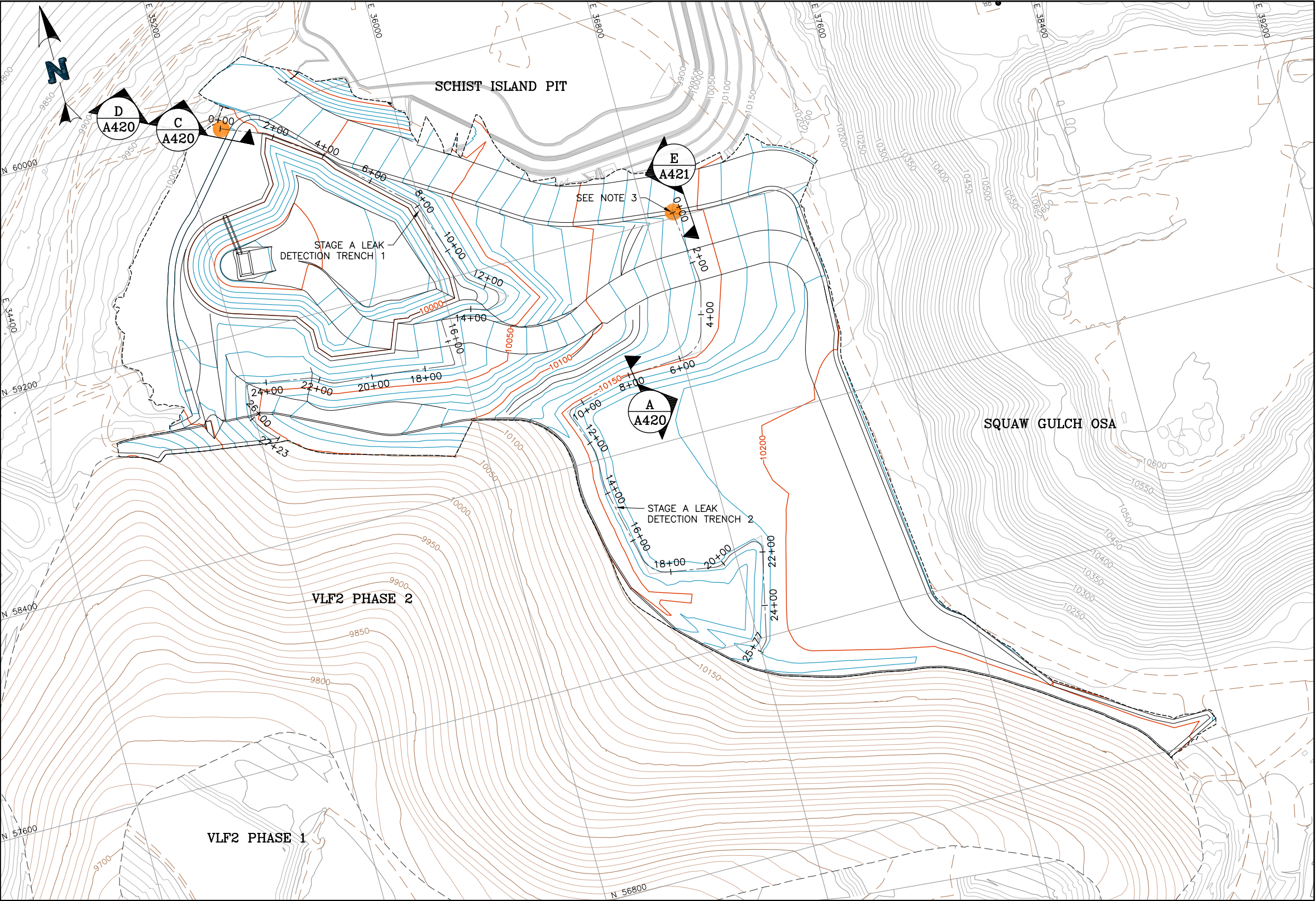
- 4 IN DIA. PERFORATED CPe COLLECTION PIPE
- 8 IN DIA. PERFORATED CPe COLLECTION PIPE
- 12 IN DIA. PERFORATED CPe COLLECTION PIPE
- 15 IN DIA. PERFORATED CPe COLLECTION PIPE

NOTES:

- PROPOSED CONTOURS REPRESENT TOP OF SOIL LINER FILL WITHIN THE GEOMEMBRANE LIMITS AND FINISHED GRADE EVERYWHERE ELSE.
- THE GEOMEMBRANE LIMITS ARE SHOWN ON DWG A060.



				APPROVED BY: JNM		DISCLAIMER		NewFields		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
				CHECKED BY: JNM		NEWFIELDS PRODUCED THE INFORMATION PRESENTED ON THIS DRAWING THROUGH THE USE OF AVAILABLE TECHNICAL INFORMATION AND EXPERIENCE. RECEIVING THIS DRAWING DOES NOT GUARANTEE ANY RIGHTS TO EITHER SUCH TECHNICAL INFORMATION OR EXPERIENCE. ANY MODIFICATION OR ADAPTATION OF THE DATA OR DRAWING SHALL BE AT USER'S RISK AND WITHOUT ANY LIABILITY OR LEGAL RESPONSIBILITY TO NEWFIELDS.		PROJECT SQUAW GULCH VLF2 PHASE 3		FILENAME 0106.049.049M	
				DESIGNED BY: JEP				TITLE STAGE A PIPING PLAN		DRAWING NO. A120	
				DRAWN BY: JEP						REVISION 0	
				0 08/27/21		ISSUED FOR CONSTRUCTION		CAZ JNM			
				REV DATE		DESCRIPTION		TECH ENG			



- LEGEND:**
- EXISTING GROUND CONTOURS
 - PROPOSED PHASE 3 STAGE A GROUND CONTOURS
 - AS-BUILT PHASE 2 GROUND CONTOURS
 - EXISTING ROADS/TRAILS
 - PROPOSED PHASE 3 LEAK DETECTION MANHOLE

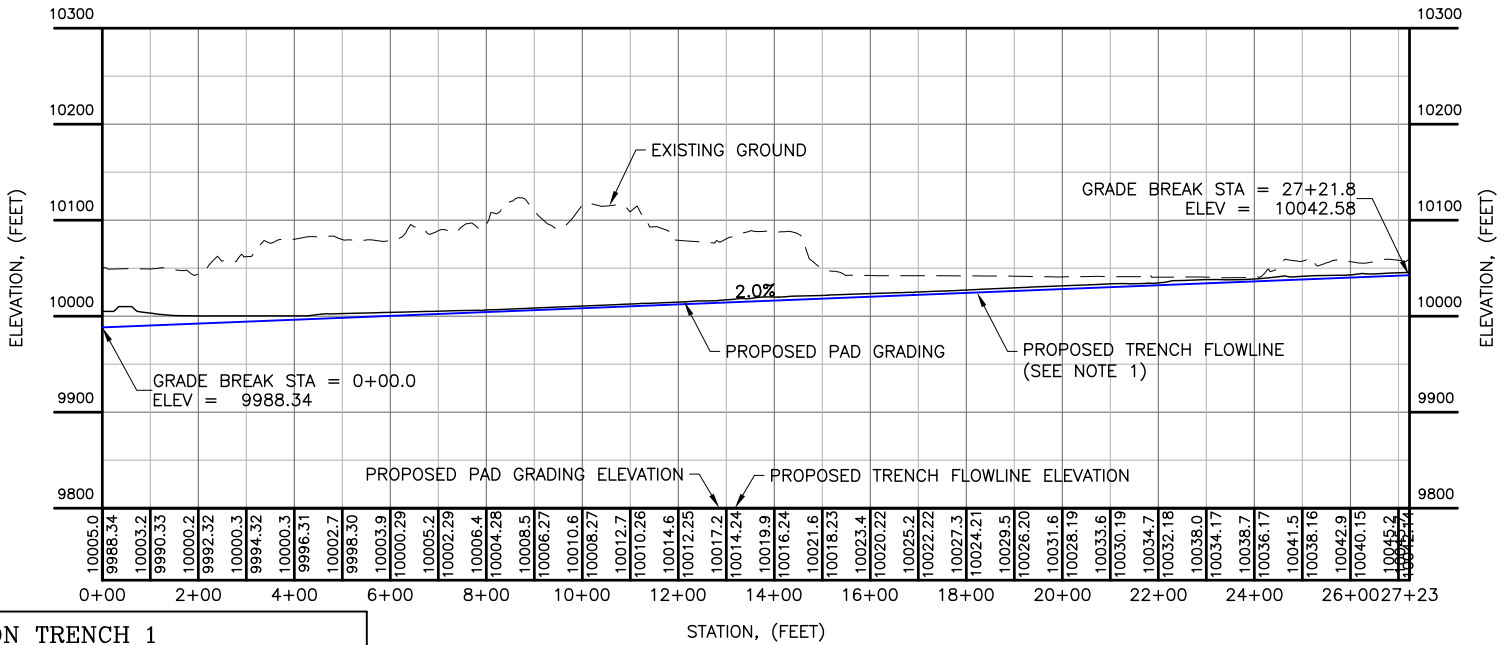
- NOTES:**
- PROPOSED CONTOURS REPRESENT TOP OF SOIL LINER FILL WITHIN THE GEOMEMBRANE LIMITS AND FINISHED GRADE EVERYWHERE ELSE.
 - THE GEOMEMBRANE LIMITS ARE SHOWN ON DWG A060.
 - THE MANHOLE TO BE REMOVED WHEN STAGE C IS CONSTRUCTED. THE STAGE C LEAK DETECTION TRENCH IS TO BE CONNECTED TO THE TRENCH FROM STAGE A.



Reference:
NEWMONT PROVIDED THE 2020 FLYOVER DATA TO NEWFIELDS ON JAN. 13, 2021 IN THE FOLLOWING FILE: "5H topo 9-1-20.DWG". EXISTING GROUND INCLUDES FUTURE SCHIST ISLAND PIT CONFIGURATIONS.
FORESIGHT WEST PROVIDED THE AS-BUILT PHASE 2 TOP OF SLF SURFACE TO NEWFIELDS ON SEPT. 24, 2020 IN A FILE CALLED "Cloy As-built thru 9-24-20.DWG"

				APPROVED BY:	DISCLAIMER NEWFIELDS PRODUCED THE INFORMATION PRESENTED ON THIS DRAWING THROUGH THE USE OF AVAILABLE TECHNICAL INFORMATION AND EXPERIENCE. RECEIVING THIS DRAWING DOES NOT GUARANTEE ANY RIGHTS TO EITHER SUCH TECHNICAL INFORMATION OR EXPERIENCE. ANY MODIFICATION OR ADAPTATION OF THE DATA OR DRAWING SHALL BE AT USER'S RISK AND WITHOUT ANY LIABILITY OR LEGAL RESPONSIBILITY TO NEWFIELDS.
				JNM	
				CHECKED BY:	
				JNM	
				DESIGNED BY:	JEP
				JEP	
				DRAWN BY:	JEP
0	08/27/21	ISSUED FOR CONSTRUCTION		CAZ	JNM
REV	DATE	DESCRIPTION		TECH	ENG

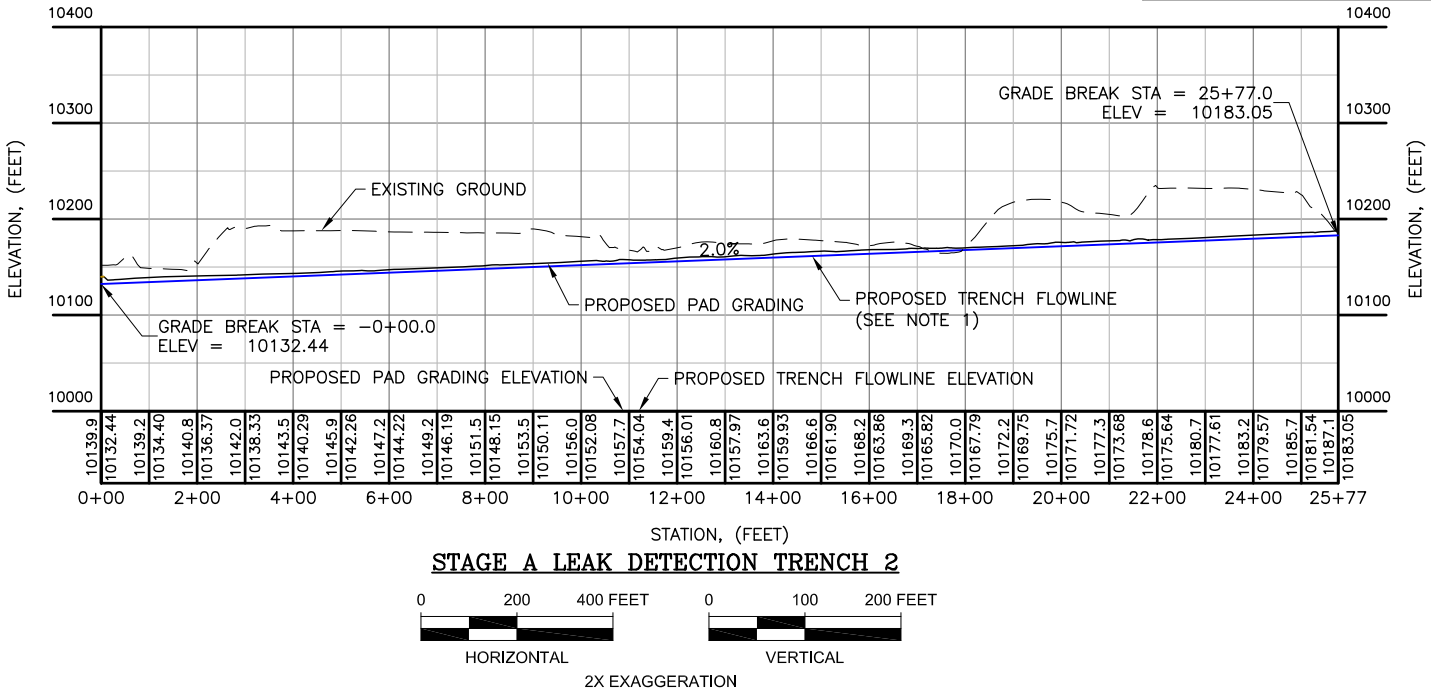
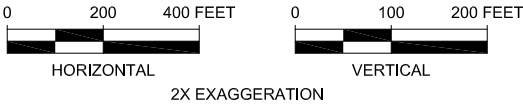
		CLIENT Cripple Creek & Victor Gold Mining Company	
PROJECT		SQUAW GULCH VLF2 PHASE 3	
TITLE		STAGE A LEAK DETECTION LAYOUTS	
		FILENAME 0106.049.053M DRAWING NO. A140	REVISION 0



STAGE A LEAK DETECTION TRENCH 2 ALIGNMENT TABLE						
	STATION	NORTHING	EASTING	DELTA (D-M-S)	LENGTH (FT)	RADIUS (FT)
BP	0+00.00	59,219.55	36,903.71			
PC	2+46.47	58,974.79	36,932.72	021-48-36	76.13	200.00
PT	3+22.60	58,899.31	36,927.25			
PC	4+58.85	58,767.74	36,891.87	071-31-16	135.89	108.86
PT	5+94.74	58,687.34	36,793.25			
PC	7+96.39	58,675.29	36,591.96	013-02-44	45.54	200.00
PT	8+41.92	58,667.43	36,547.21			
PC	10+42.49	58,610.56	36,354.87	094-17-00	37.66	22.89
PT	10+80.15	58,580.50	36,339.96			
PC	12+00.78	58,467.70	36,382.71	022-49-32	79.68	200.00
PT	12+80.46	58,389.60	36,395.56			
PC	13+45.78	58,324.33	36,393.21	014-59-43	52.34	200.00
PT	13+98.12	58,272.37	36,398.14			
PC	16+40.14	58,036.48	36,452.28	001-59-37	6.96	200.00
PT	16+47.10	58,029.67	36,453.72			
PC	16+65.08	58,012.01	36,457.13	069-54-52	128.87	105.61
PT	17+93.96	57,927.77	36,544.03			
PC	19+61.33	57,901.15	36,709.27	051-37-56	58.56	64.98
PT	20+19.88	57,917.38	36,763.49			
PC	20+24.72	57,920.65	36,767.06	026-06-24	27.11	59.49
PT	20+51.83	57,933.85	36,790.46			
PC	21+26.83	57,954.99	36,862.42	118-49-37	64.30	31.00
PT	21+91.12	57,918.56	36,901.43			
PC	25+19.96	57,597.46	36,830.52	032-14-40	24.20	43.00
PT	25+44.16	57,576.49	36,819.09			
EP	25+76.99	57,553.16	36,796.01			

STAGE A LEAK DETECTION TRENCH 1 ALIGNMENT TABLE						
	STATION	NORTHING	EASTING	DELTA (D-M-S)	LENGTH (FT)	RADIUS (FT)
BP	0+00.00	59,959.02	35,354.02			
PC	1+46.04	59,904.78	35,489.63	013-31-19	47.20	200.00
PT	1+93.25	59,882.27	35,530.99			
PC	3+93.20	59,766.67	35,694.14	012-12-51	20.71	97.13
PT	4+13.91	59,752.99	35,709.63			
PC	4+62.40	59,717.22	35,742.37	005-53-24	10.85	105.54
PT	4+73.25	59,709.60	35,750.10			
PC	7+81.43	59,504.82	35,980.39	029-02-43	14.16	27.93
PT	7+95.59	59,493.18	35,988.19			
PC	11+15.27	59,191.48	36,093.91	034-00-33	26.82	45.18
PT	11+42.09	59,170.19	36,109.55			
PC	12+34.14	59,115.20	36,183.38	125-07-27	70.91	32.47
PT	13+05.05	59,058.31	36,174.12			
PC	13+27.97	59,051.15	36,152.35	035-21-33	17.57	28.46
PT	13+45.54	59,051.00	36,135.06			
PC	13+95.16	59,065.64	36,087.64	025-31-13	40.10	90.04
PT	14+35.27	59,068.70	36,047.99			
PC	15+12.35	59,057.50	35,971.73	083-59-40	9.40	6.41
PT	15+21.74	59,050.89	35,966.25			
PC	16+82.11	58,890.66	35,972.83	099-40-09	13.40	7.71
PT	16+95.51	58,882.70	35,964.15			
PC	19+13.20	58,910.43	35,748.23	002-17-11	2.00	50.00
PT	19+15.20	58,910.65	35,746.25			
PC	21+20.33	58,928.64	35,541.91	025-15-59	53.08	120.36
PT	21+73.41	58,944.62	35,491.74			
PC	22+21.85	58,969.06	35,449.91	020-55-30	12.63	34.59
PT	22+34.49	58,973.32	35,438.10			
PC	24+62.10	59,010.39	35,213.52	091-51-28	16.03	10.00
PT	24+78.13	59,001.84	35,201.98			
PC	25+89.65	58,891.28	35,187.40	037-04-07	11.70	18.08
PT	26+01.34	58,879.99	35,189.59			
PC	26+24.43	58,859.91	35,200.98	014-23-32	50.24	200.00
PT	26+74.67	58,819.77	35,230.96			
EP	27+23.12	58,784.88	35,264.58			

STAGE A LEAK DETECTION TRENCH 1



STAGE A LEAK DETECTION TRENCH 2

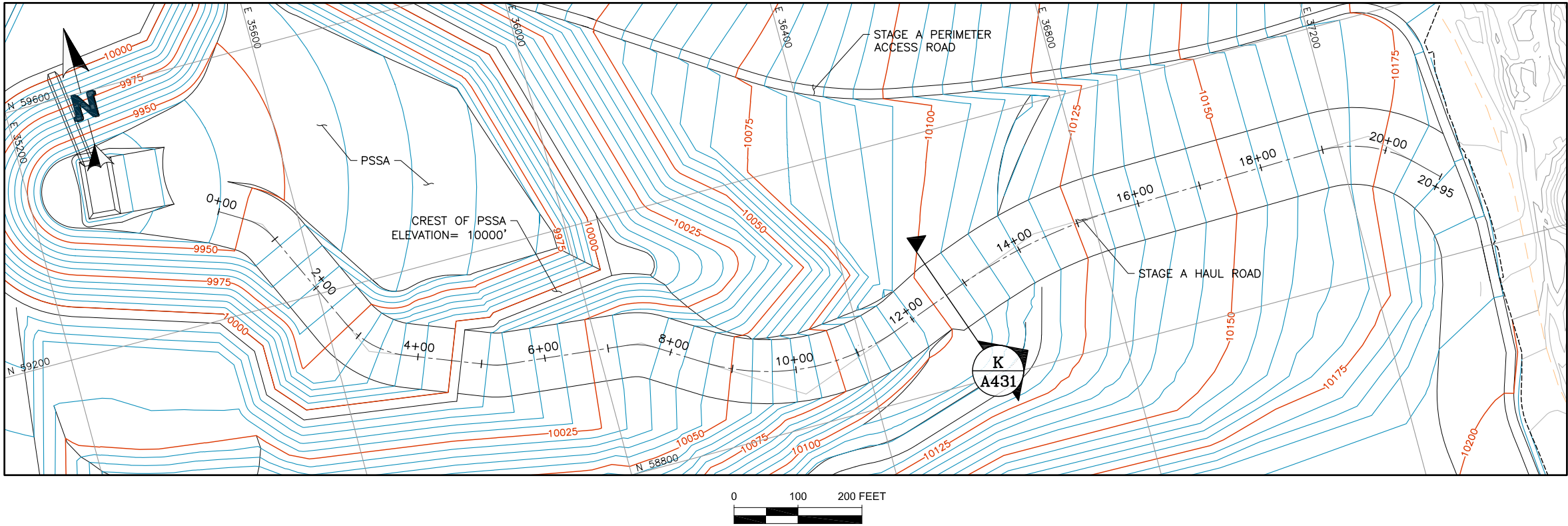


NOTES:

1. PROPOSED GROUND REPRESENTS FLOWLINE OF TRENCH 2' MINIMUM BELOW PROPOSED PAD GRADING. TRENCH MAY BE DEEPER THAN 2' BUT MUST FOLLOW THE 2% MINIMUM GRADE.



																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					</
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

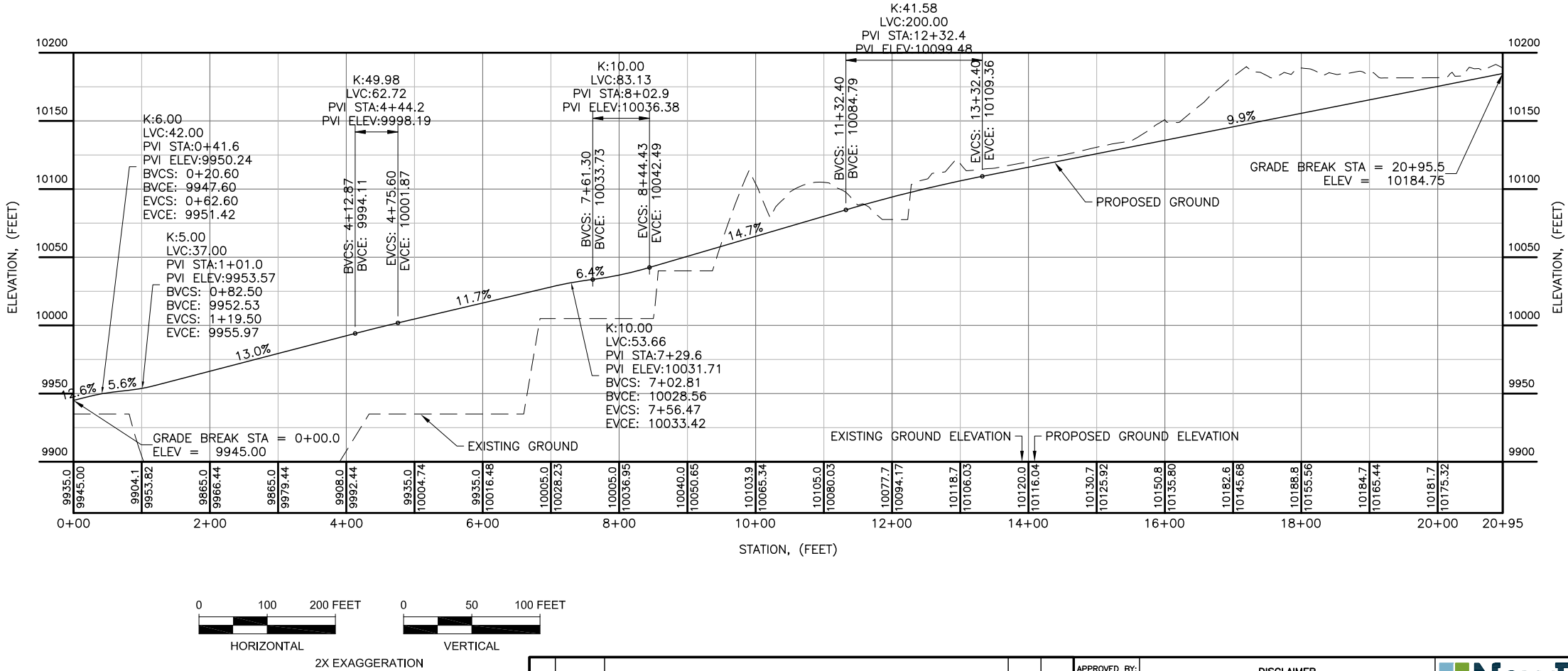


LEGEND:

- EXISTING GROUND CONTOURS
PROPOSED PHASE 3 GROUND
STAGE A CONTOURS

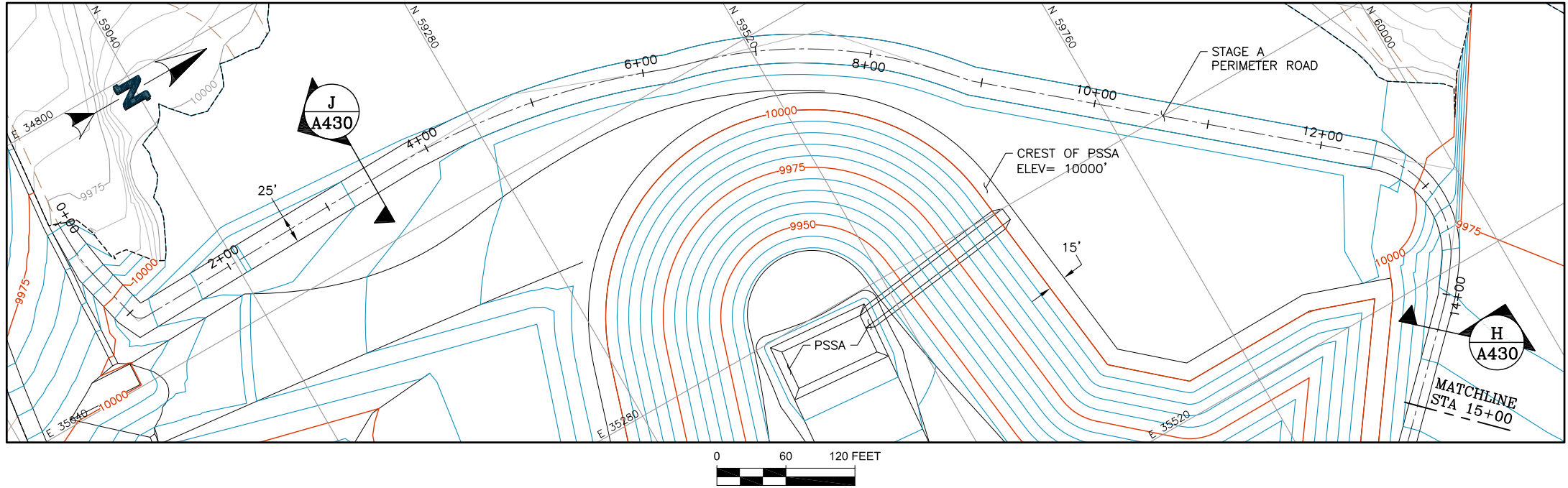
NOTE:

- SEE DESIGN DRAWING A180 FOR STAGE A PERIMETER ACCESS ROAD ALIGNMENT DATA.
- PROPOSED CONTOURS REPRESENT TOP OF SOIL LINER FILL WITHIN THE GEOMEMBRANE LIMITS AND FINISHED GRADE EVERYWHERE ELSE.



Reference:
NEWMONT PROVIDED THE 2020 FLYOVER DATA TO NEWFIELDS ON JAN. 13, 2021 IN THE FOLLOWING FILE: "5H topo 9-1-20.DWG". EXISTING GROUND INCLUDES FUTURE SCHIST ISLAND PIT CONFIGURATIONS.
FORESIGHT WEST PROVIDED THE AS-BUILT PHASE 2 TOP OF SLF SURFACE TO NEWFIELDS ON SEPT. 24, 2020 IN A FILE CALLED "Cloy As-built thru 9-24-20.DWG"

						APPROVED BY: JNM	DISCLAIMER NEWFIELDS PRODUCED THE INFORMATION PRESENTED ON THIS DRAWING THROUGH THE USE OF AVAILABLE TECHNICAL INFORMATION AND EXPERIENCE. RECEIVING THIS DRAWING DOES NOT GUARANTEE ANY RIGHTS TO EITHER SUCH TECHNICAL INFORMATION OR EXPERIENCE. ANY MODIFICATION OR ADAPTATION OF THE DATA OR DRAWING SHALL BE AT USER'S RISK AND WITHOUT ANY LIABILITY OR LEGAL RESPONSIBILITY TO NEWFIELDS.		CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
						CHECKED BY: JNM			PROJECT	SQUAW GULCH VLF2 PHASE 3	
						DESIGNED BY: JEP		TITLE	STAGE A HAUL ROAD PLAN AND PROFILE		
0	08/27/21	ISSUED FOR CONSTRUCTION			CAZ	JNM		FILENAME 0106.049.072P		DRAWING NO. A150	REVISION 0
REV	DATE	DESCRIPTION			TECH	ENG					

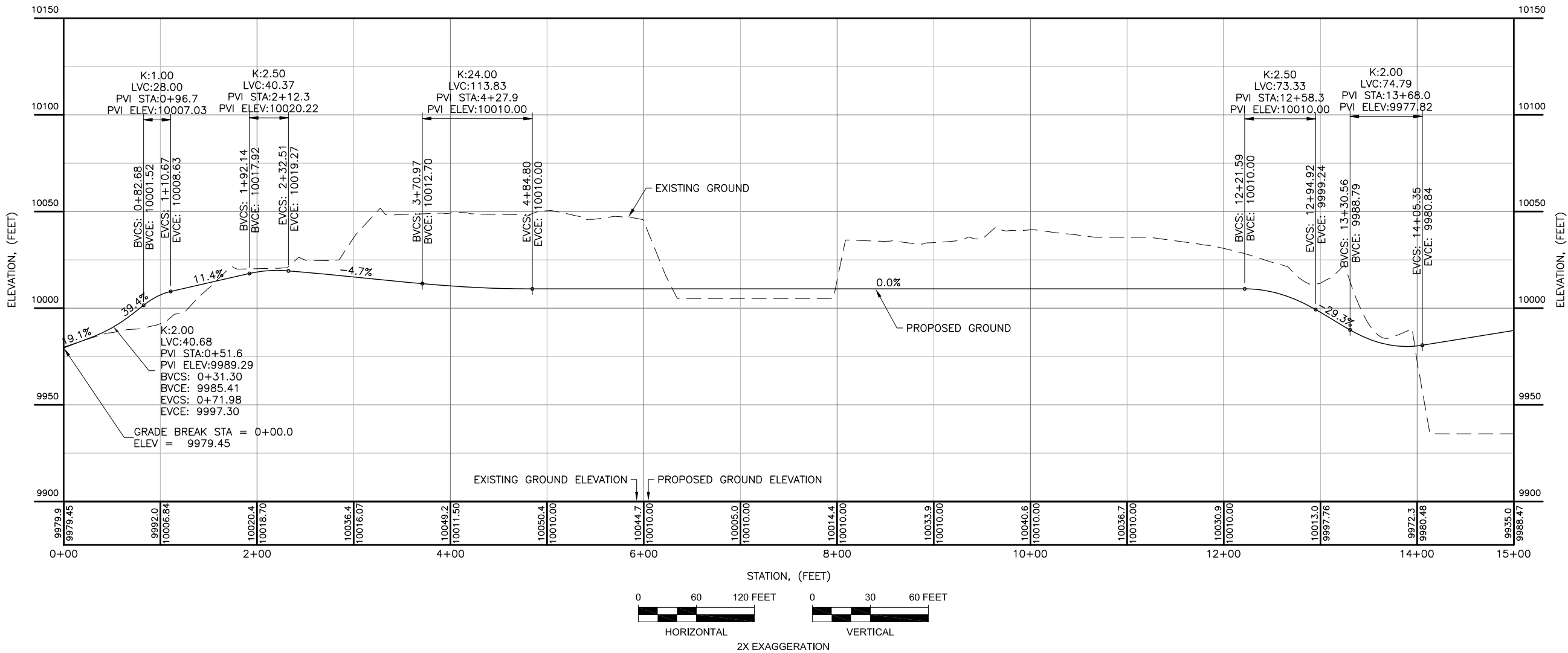


LEGEND:

- EXISTING GROUND CONTOURS
- PROPOSED PHASE 3 GROUND STAGE A CONTOURS

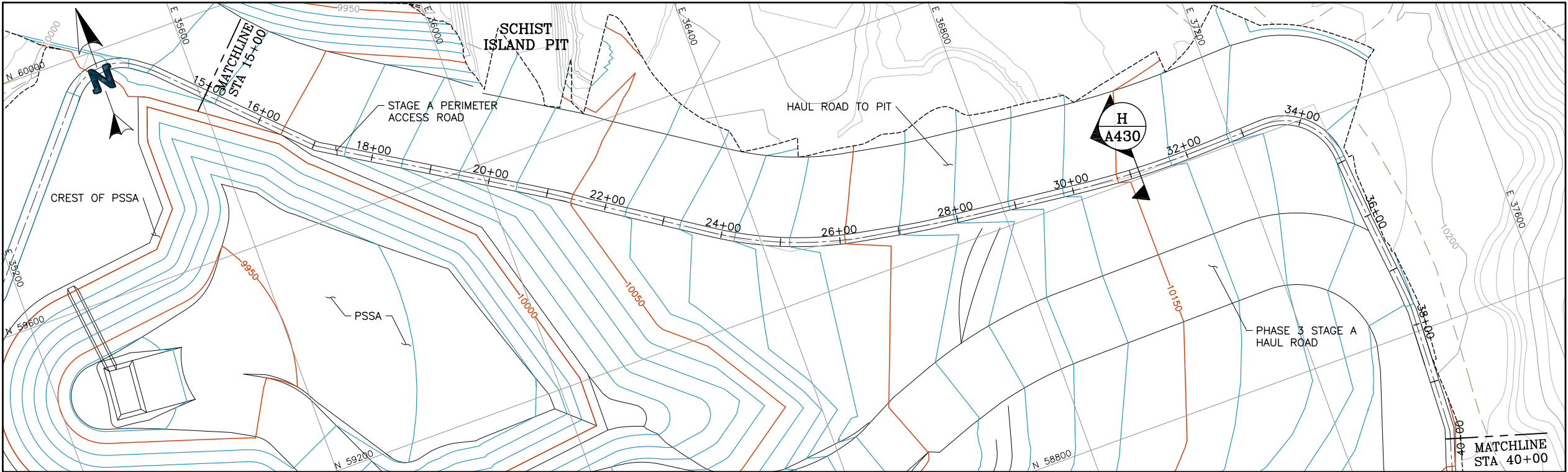
NOTES:

- SEE DESIGN DRAWING A180 FOR STAGE A PERIMETER ACCESS ROAD ALIGNMENT DATA.
- PROPOSED CONTOURS REPRESENT TOP OF SOIL LINER FILL WITHIN THE GEOMEMBRANE LIMITS AND FINISHED GRADE EVERYWHERE ELSE.



Reference:
NEWMONT PROVIDED THE 2020 FLYOVER DATA TO NEWFIELDS ON JAN. 13, 2021 IN THE FOLLOWING FILE: "5H topo 9-1-20.DWG". EXISTING GROUND INCLUDES FUTURE SCHIST ISLAND PIT CONFIGURATIONS.
FORESIGHT WEST PROVIDED THE AS-BUILT PHASE 2 TOP OF SLF SURFACE TO NEWFIELDS ON SEPT. 24, 2020 IN A FILE CALLED "Cloy As-built thru 9-24-20.DWG"

		APPROVED BY: JNM		DISCLAIMER		NewFields		CLIENT Cripple Creek & Victor Gold Mining Company	
		CHECKED BY: JNM		NEWFIELDS PRODUCED THE INFORMATION PRESENTED ON THIS DRAWING THROUGH THE USE OF AVAILABLE TECHNICAL INFORMATION AND EXPERIENCE. RECEIVING THIS DRAWING DOES NOT GUARANTEE ANY RIGHTS TO EITHER SUCH TECHNICAL INFORMATION OR EXPERIENCE. ANY MODIFICATION OR ADAPTATION OF THE DATA OR DRAWING SHALL BE AT USER'S RISK AND WITHOUT ANY LIABILITY OR LEGAL RESPONSIBILITY TO NEWFIELDS.		PROJECT		SQUAW GULCH VLF2 PHASE 3	
		DESIGNED BY: JEP				TITLE		STAGE A PERIMETER ACCESS ROAD PLAN AND PROFILE (1 OF 3)	
		DRAWN BY: JEP						FILENAME	
								0106.049.062P	
								DRAWING NO.	
								A170	
								REVISION	
								0	

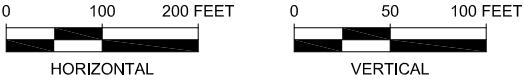
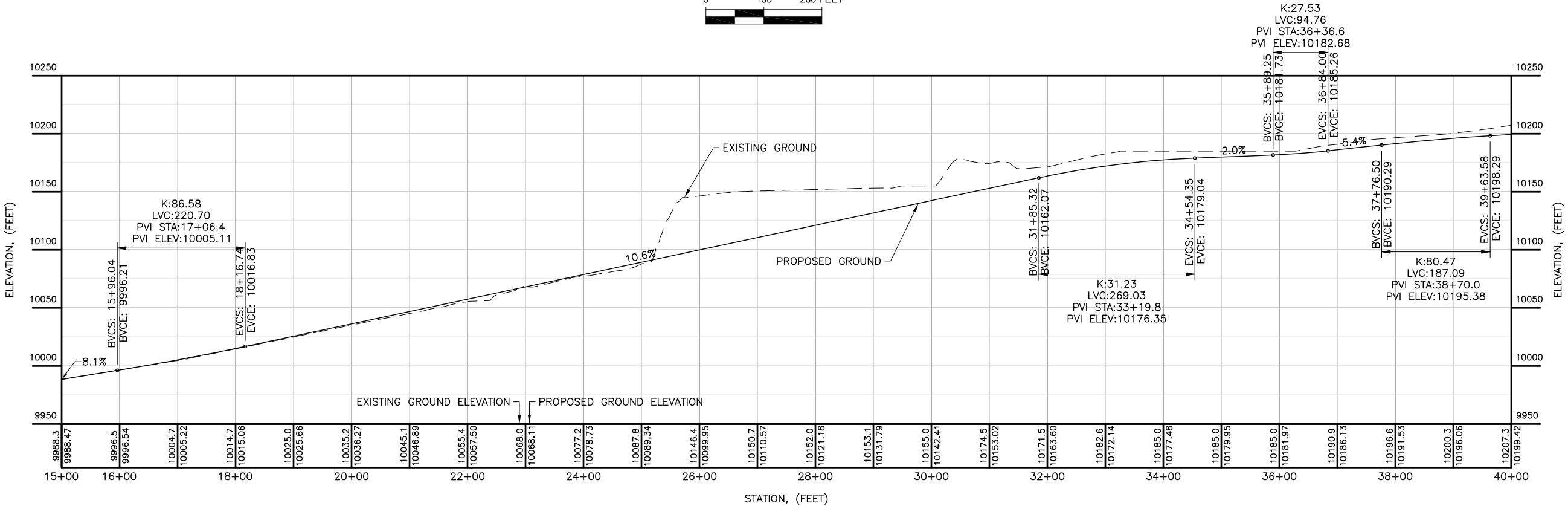


LEGEND:

- EXISTING GROUND CONTOURS
PROPOSED PHASE 3 STAGE A GROUND CONTOURS

NOTE:

1. SEE DESIGN DRAWING A180 FOR STAGE A PERIMETER ACCESS ROAD ALIGNMENT DATA.

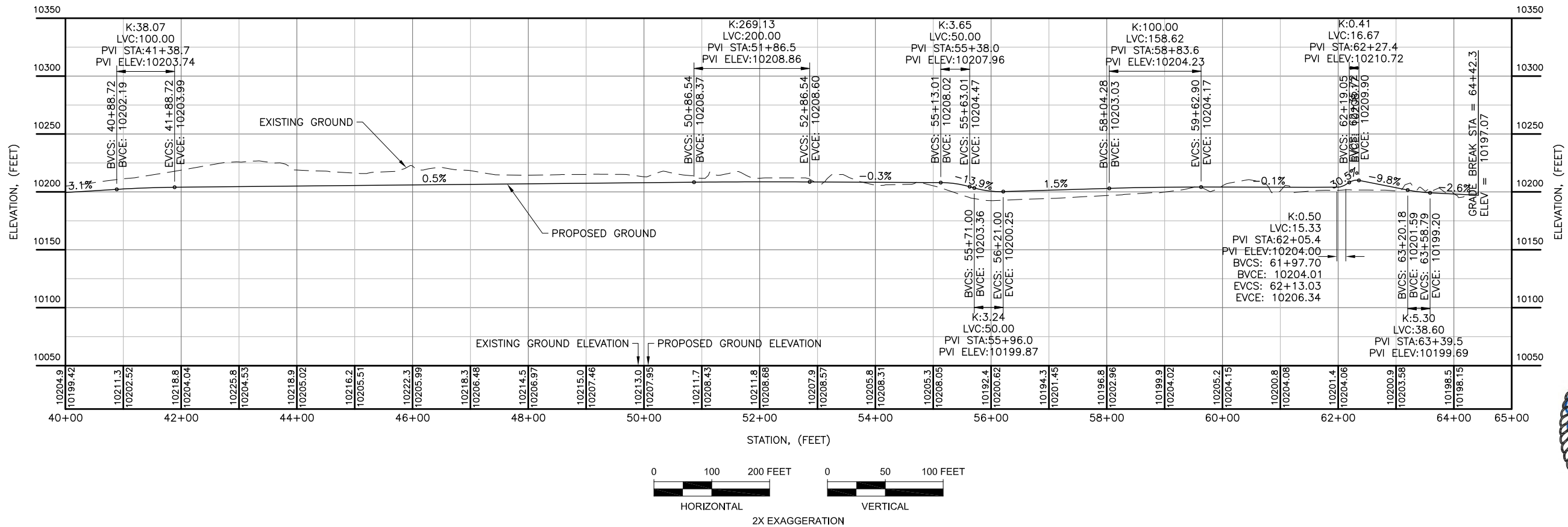


Reference:
NEWMONT PROVIDED THE 2020 FLYOVER DATA TO NEWFIELDS ON JAN. 13, 2021 IN THE FOLLOWING FILE: "5th topo 9-1-20.DWG". EXISTING GROUND INCLUDES FUTURE SCHIST ISLAND PIT CONFIGURATIONS.
FORESIGHT WEST PROVIDED THE AS-BUILT PHASE 2 TOP OF SLF SURFACE TO NEWFIELDS ON SEPT. 24, 2020 IN A FILE CALLED "Cloy As-built thru 9-24-20.DWG"

						APPROVED BY: JNM	DISCLAIMER NEWFIELDS PRODUCED THE INFORMATION PRESENTED ON THIS DRAWING THROUGH THE USE OF AVAILABLE TECHNICAL INFORMATION AND EXPERIENCE. RECEIVING THIS DRAWING DOES NOT GUARANTEE ANY RIGHTS TO EITHER SUCH TECHNICAL INFORMATION OR EXPERIENCE. ANY MODIFICATION OR ADAPTATION OF THE DATA OR DRAWING SHALL BE AT USER'S RISK AND WITHOUT ANY LIABILITY OR LEGAL RESPONSIBILITY TO NEWFIELDS.		CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY		
						CHECKED BY: JNM			PROJECT	SQUAW GULCH VLF2 PHASE 3		
						DESIGNED BY: JEP		DRAWN BY: JEP	TITLE		FILENAME 0106.049.063P	
0	08/27/21	ISSUED FOR CONSTRUCTION			CAZ	JNM			STAGE A PERIMETER ACCESS ROAD PLAN AND PROFILE (2 OF 3)		DRAWING NO. A171	REVISION 0
REV	DATE	DESCRIPTION			TECH	ENG						

P:\Projects\0106.049 2021 VLF2 PH3 Support\A-CAD\DWGS\0106.049.064P.dwg-7/26/2021 4:50 PM

Reference:
NEWMONT PROVIDED THE 2020 FLYOVER DATA TO NEWFIELDS ON JAN. 13, 2021 IN THE FOLLOWING FILE: "5H topo 9-1-20.DWG". EXISTING GROUND INCLUDES FUTURE SCHIST ISLAND PIT CONFIGURATIONS.
FORESIGHT WEST PROVIDED THE AS-BUILT PHASE 2 TOP OF SLF SURFACE TO NEWFIELDS ON SEPT. 24, 2020 IN A FILE CALLED "Cloy As-built thru 9-24-20.DWG"



0	08/27/21	ISSUED FOR CONSTRUCTION	CAZ	JNM
REV	DATE	DESCRIPTION	TECH	ENG

APPROVED BY:	JNM
CHECKED BY:	JNM
DESIGNED BY:	JEP
DRAWN BY:	JEP

DISCLAIMER
NEWFIELDS PRODUCED THE INFORMATION PRESENTED ON THIS DRAWING THROUGH THE USE OF AVAILABLE TECHNICAL INFORMATION AND EXPERIENCE. RECEIVING THIS DRAWING DOES NOT GUARANTEE ANY RIGHTS TO EITHER SUCH TECHNICAL INFORMATION OR EXPERIENCE. ANY MODIFICATION OR ADAPTATION OF THE DATA OR DRAWING SHALL BE AT USER'S RISK AND WITHOUT ANY LIABILITY OR LEGAL RESPONSIBILITY TO NEWFIELDS.

NewFields		CLIENT Cripple Creek & Victor Gold Mining Company	
PROJECT		SQUAW GULCH VLF2 PHASE 3	
TITLE		STAGE A PERIMETER ACCESS ROAD PLAN AND PROFILE (3 OF 3)	
FILENAME		0106.049.064P	
DRAWING NO.		A172	
REVISION		0	



- LEGEND:**
- EXISTING GROUND CONTOURS
 - PROPOSED PHASE 3 STAGE A GROUND CONTOURS
 - AS-BUILT PHASE 2 GROUND CONTOURS

- NOTE:**
- SEE DESIGN DRAWING A180 FOR STAGE A PERIMETER ACCESS ROAD ALIGNMENT DATA.
 - PROPOSED CONTOURS REPRESENT TOP OF SOIL LINER FILL WITHIN THE GEOMEMBRANE LIMITS AND FINISHED GRADE EVERYWHERE ELSE.

P:\Projects\0106.049 2021 VLF2 PH3 Support\A-CAD\DWGS\0106.049.077P.dwg-7/26/2021 4:00 PM

STAGE A PERIMETER ACCESS ROAD ALIGNMENT TABLE						
	STATION	NORTHING	EASTING	DELTA (D-M-S)	LENGTH (FT)	RADIUS (FT)
BP	0+00.00	58,923.38	34,880.92			
PC	0+15.51	58,923.61	34,896.43	013-11-06	46.02	200.00
PT	0+61.53	58,929.56	34,941.96			
PC	1+02.20	58,939.41	34,981.41	077-08-31	13.46	10.00
PT	1+15.66	58,949.32	34,988.99			
PC	3+61.86	59,195.47	34,983.95	021-49-12	251.35	660.00
PT	6+13.21	59,441.70	35,026.20			
PT	6+22.79	59,450.67	35,029.58			
PC	6+46.56	59,473.51	35,036.13	032-36-34	220.40	387.25
PT	8+66.95	59,657.28	35,152.36			
PT	8+90.85	59,673.08	35,170.29			
PC	12+41.97	59,940.47	35,397.85	085-57-28	131.27	87.50
PT	13+73.24	59,954.23	35,516.36			
PC	13+86.28	59,946.50	35,526.86	008-36-25	30.04	200.00
PT	14+16.33	59,926.94	35,549.63			
PC	16+98.54	59,727.52	35,749.31	013-31-31	11.80	50.00
PT	17+10.34	59,720.23	35,758.56			
PC	20+88.72	59,522.88	36,081.40	002-05-19	19.00	521.33
PT	21+07.73	59,512.67	36,097.43			
PC	23+76.33	59,364.31	36,321.35	024-24-33	281.35	660.40
PT	26+57.68	59,262.78	36,581.46			
PC	27+12.06	59,254.17	36,635.15	002-51-27	157.90	3166.09
PT	28+69.96	59,233.04	36,791.62			
PC	29+77.90	59,221.27	36,898.91	007-58-56	256.58	1841.73
PT	32+34.48	59,211.12	37,155.08			
PC	33+36.37	59,214.18	37,256.93	085-59-05	148.91	99.23
PT	34+85.28	59,124.92	37,358.64			
PC	37+52.37	58,859.17	37,385.34	008-16-26	28.88	200.00
PT	37+81.25	58,830.32	37,386.14			
PC	39+82.16	58,629.61	37,377.25	014-08-21	8.64	35.00
PT	39+90.80	58,621.11	37,375.81			
PC	40+70.64	58,544.63	37,352.90	023-33-11	14.39	35.00
PT	40+85.03	58,530.39	37,351.68			
PC	50+17.41	57,604.72	37,463.32	057-02-53	156.40	157.08
PT	51+73.81	57,482.44	37,550.23			
PC	51+75.08	57,481.88	37,551.36	025-37-42	22.36	50.00
PT	51+97.44	57,467.96	37,568.63			
PC	55+87.30	57,161.99	37,810.23	018-24-41	19.28	60.00
PT	56+06.58	57,149.02	37,824.39			
PC	59+84.65	56,941.50	38,140.42	006-39-42	23.25	200.00

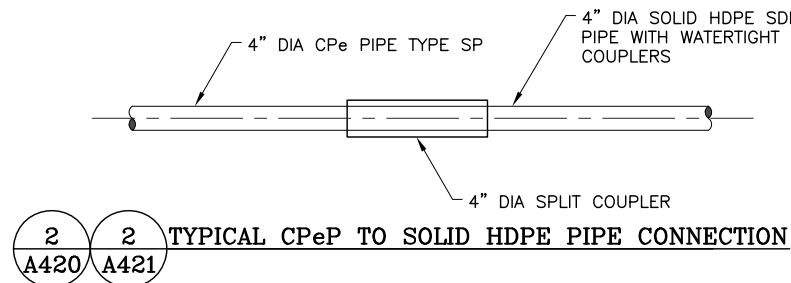
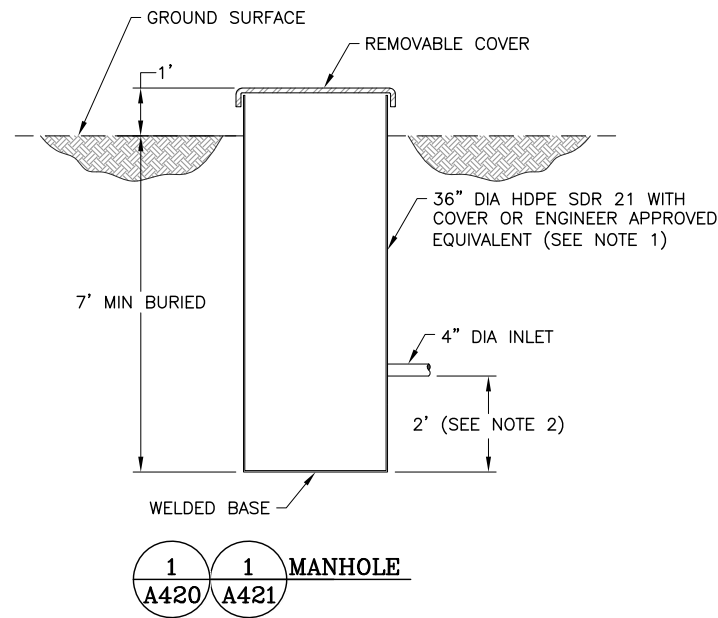
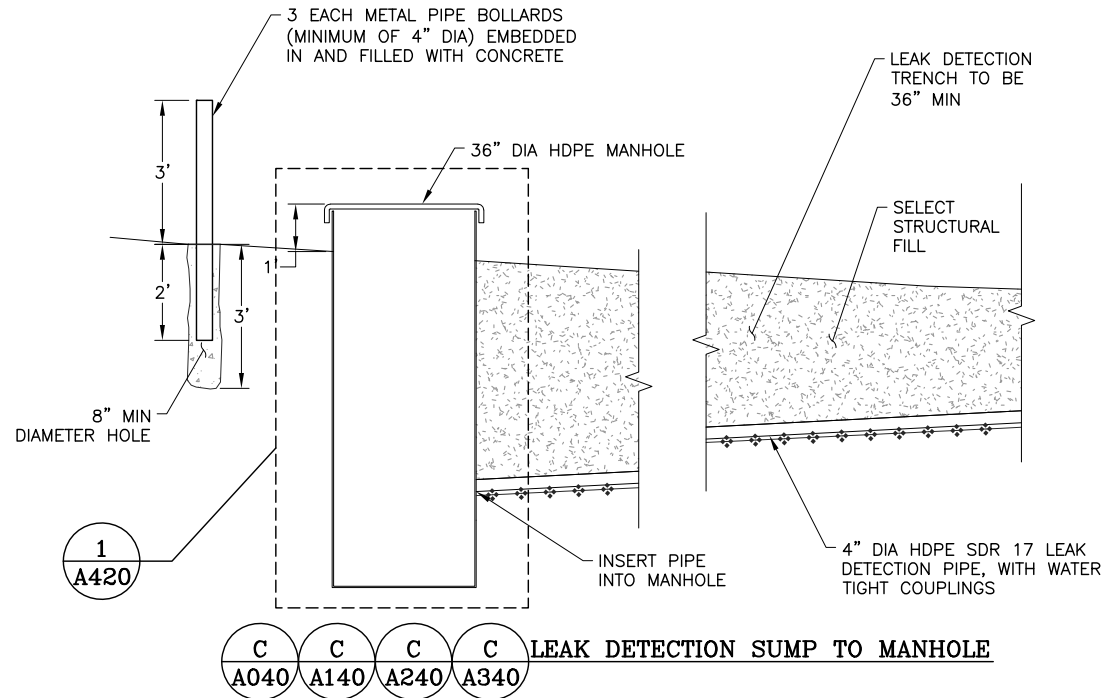
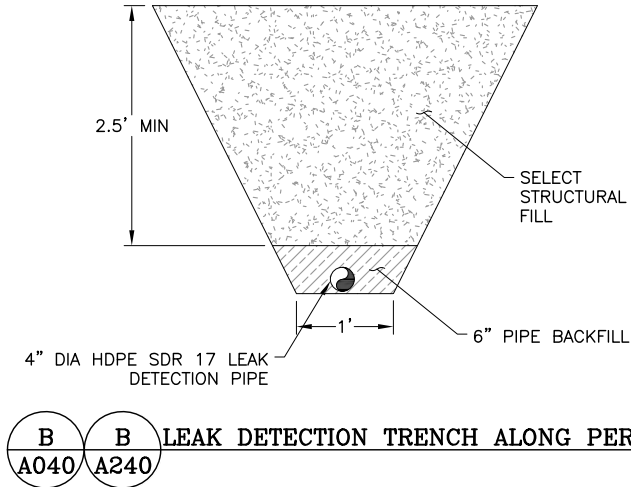
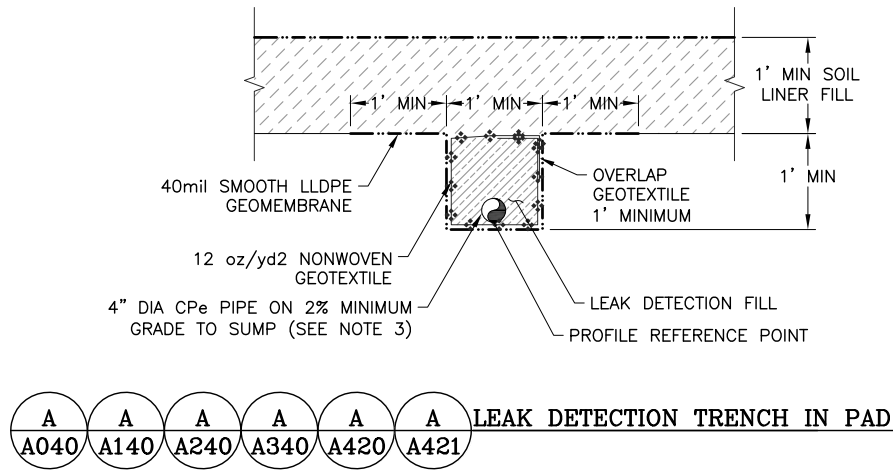
STAGE A PERIMETER ACCESS ROAD ALIGNMENT TABLE						
	STATION	NORTHING	EASTING	DELTA (D-M-S)	LENGTH (FT)	RADIUS (FT)
PT	60+07.91	56,929.89	38,160.55			
PC	60+59.13	56,906.93	38,206.34	026-36-34	23.22	50.00
PT	60+82.35	56,901.63	38,228.73			
PC	61+97.52	56,901.58	38,343.90	063-02-11	11.00	10.00
PT	62+08.52	56,896.11	38,352.82			
PC	62+21.64	56,884.42	38,358.76	091-05-28	15.90	10.00
PT	62+37.54	56,870.89	38,354.20			
EP	64+42.42	56,781.55	38,169.82			

STAGE A HAUL ROAD ALIGNMENT TABLE						
	STATION	NORTHING	EASTING	DELTA (D-M-S)	LENGTH (FT)	RADIUS (FT)
BP	0+00.00	59,364.79	35,482.52			
PC	0+43.98	59,342.01	35,520.15	033-46-35	53.06	90.00
PT	0+97.04	59,303.10	35,555.08			
PC	2+68.95	59,147.34	35,627.82	043-38-05	114.24	150.00
PT	3+83.18	59,071.09	35,709.17			
PC	5+12.31	59,024.11	35,829.45	015-12-24	25.21	95.00
PT	5+37.52	59,018.15	35,853.87			
PC	7+29.64	58,997.64	36,044.89	026-02-28	45.45	100.00
PT	7+75.09	58,982.87	36,087.46			
PC	8+49.69	58,943.15	36,150.60	052-17-04	319.39	350.00
PT	11+69.08	58,910.78	36,457.32			
PC	12+89.42	58,952.17	36,570.32	018-51-39	282.49	858.17
PT	15+71.91	59,004.32	36,846.66			
PC	18+91.13	59,011.32	37,165.80	045-28-21	158.73	200.00
PT	20+49.86	58,954.71	37,309.66			
EP	20+95.47	58,922.90	37,342.35			

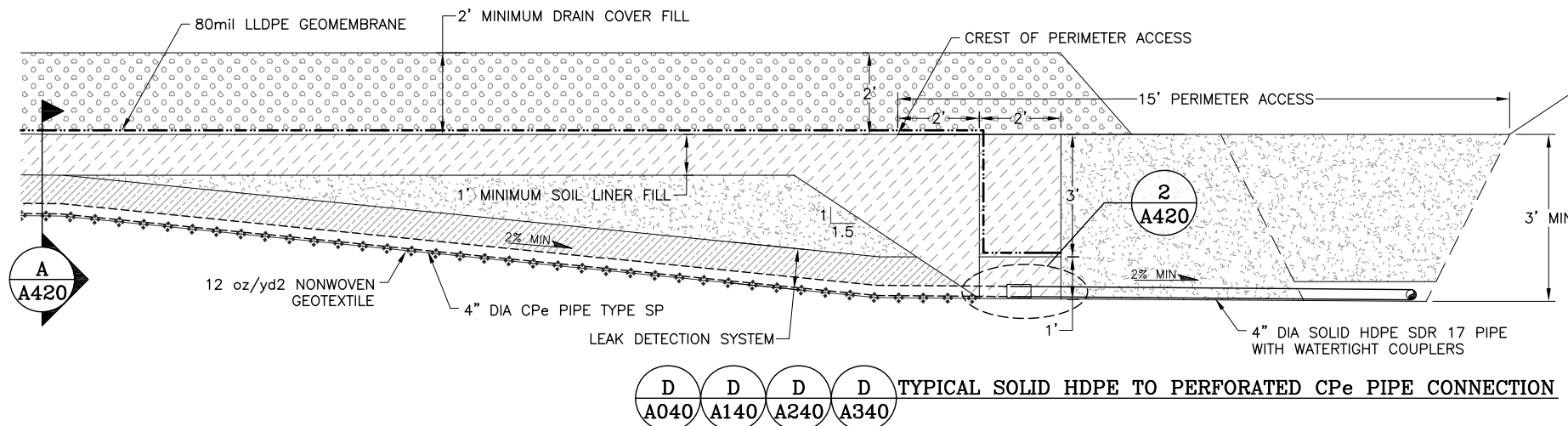
NOTE:
1. SEE DESIGN DRAWINGS A150, A170, A171, AND A172 FOR ALIGNMENT PLAN AND PROFILE.



						APPROVED BY: JNM	DISCLAIMER NEWFIELDS PRODUCED THE INFORMATION PRESENTED ON THIS DRAWING THROUGH THE USE OF AVAILABLE TECHNICAL INFORMATION AND EXPERIENCE. RECEIVING THIS DRAWING DOES NOT GUARANTEE ANY RIGHTS TO EITHER SUCH TECHNICAL INFORMATION OR EXPERIENCE. ANY MODIFICATION OR ADAPTATION OF THE DATA OR DRAWING SHALL BE AT USER'S RISK AND WITHOUT ANY LIABILITY OR LEGAL RESPONSIBILITY TO NEWFIELDS.		CLIENT Cripple Creek & Victor Gold Mining Company	
						CHECKED BY: JNM			PROJECT SQUAW GULCH VLF2 PHASE 3	
						DESIGNED BY: JEP			TITLE STAGE A ALGINMENT TABLES	
0	08/27/21	ISSUED FOR CONSTRUCTION			CAZ	JNM			FILENAME 0106.049.077P	
REV	DATE	DESCRIPTION			TECH	ENG	DRAWN BY: JEP		DRAWING NO. A180	REVISION 0



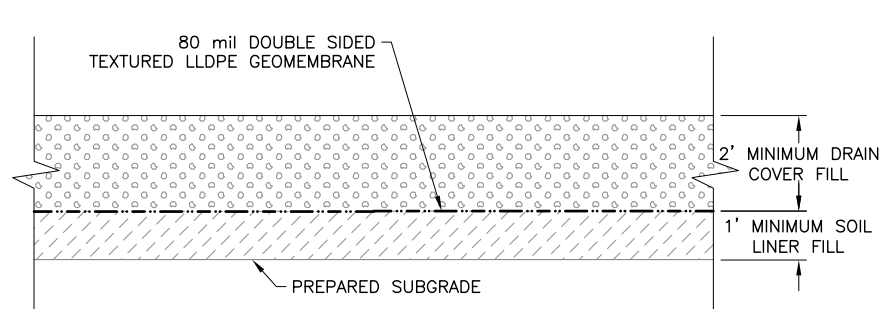
- NOTES:**
- MANHOLE WITH LADDER ACCESS ALONG ENTIRE DEPTH OF MANHOLE.
 - MINIMUM STORAGE VOLUME OF 100 GALLONS BELOW 4" DIA SOLID HDPE PIPE INLET.
 - THE LEAK DETECTION TRENCH IS TO BE INSTALLED WITH A MINIMUM FLOWLINE SLOPE OF 2%. IF 2% CANNOT BE MAINTAINED, THE CONTRACTOR MAY REDUCE THE FLOWLINE SLOPE UPON APPROVAL FROM THE ENGINEER OF RECORD IN LOCALIZED AREAS ONLY. THE LOCALIZED FLOWLINE SLOPE SHALL NEVER BE LESS THAN 0.5%.



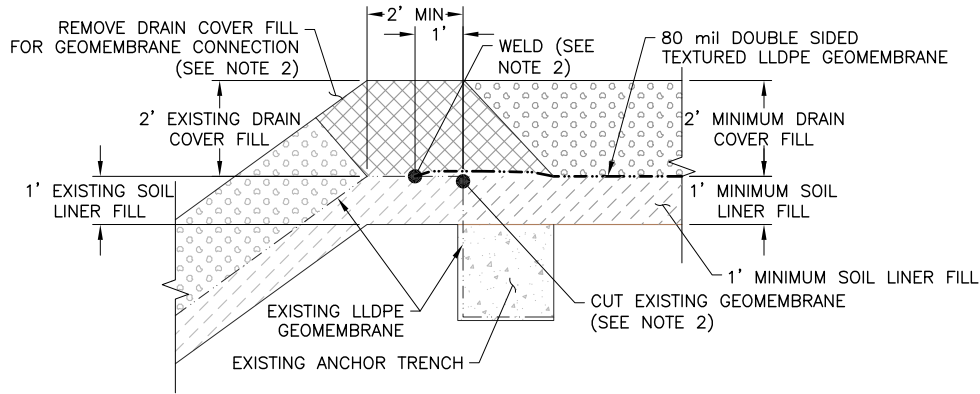
																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								</
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

[illegible]

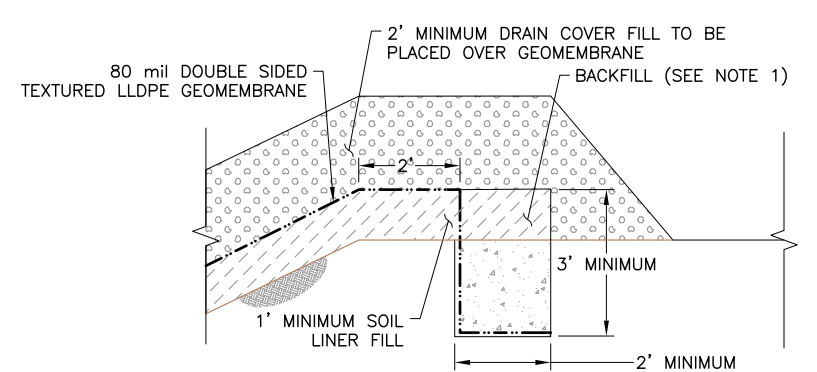
P:\Projects\0106.049 2021 VLF2 PH3 Support\A-CAD\DWGS\0106.049.006D.dwg-7/27/2021 10:46 AM



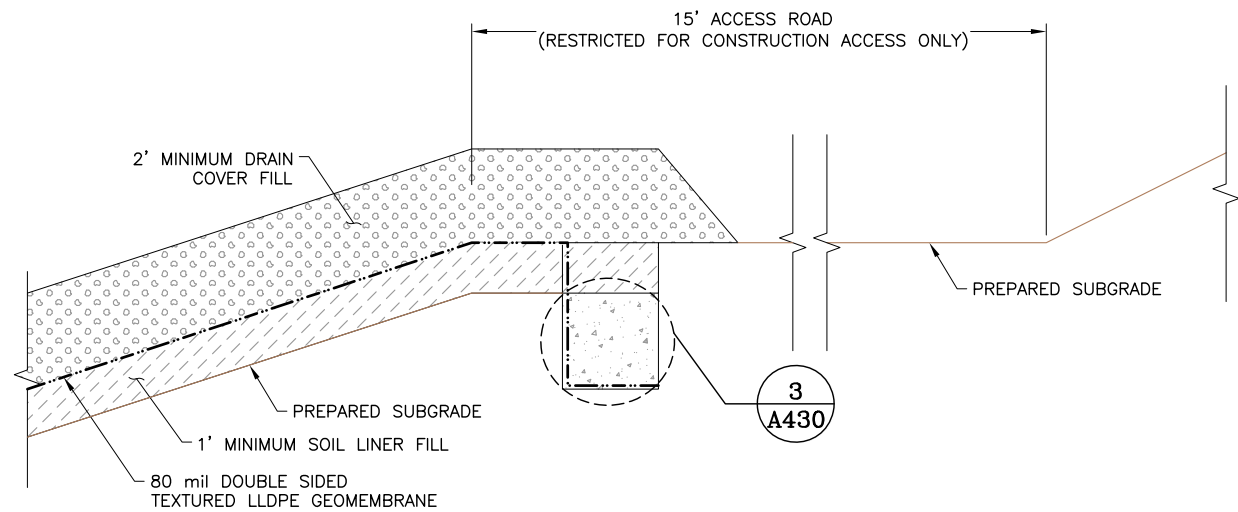
F
A040 **F**
A060 **F**
A100 **F**
A200 **F**
A300 **TYPICAL PAD SECTION**



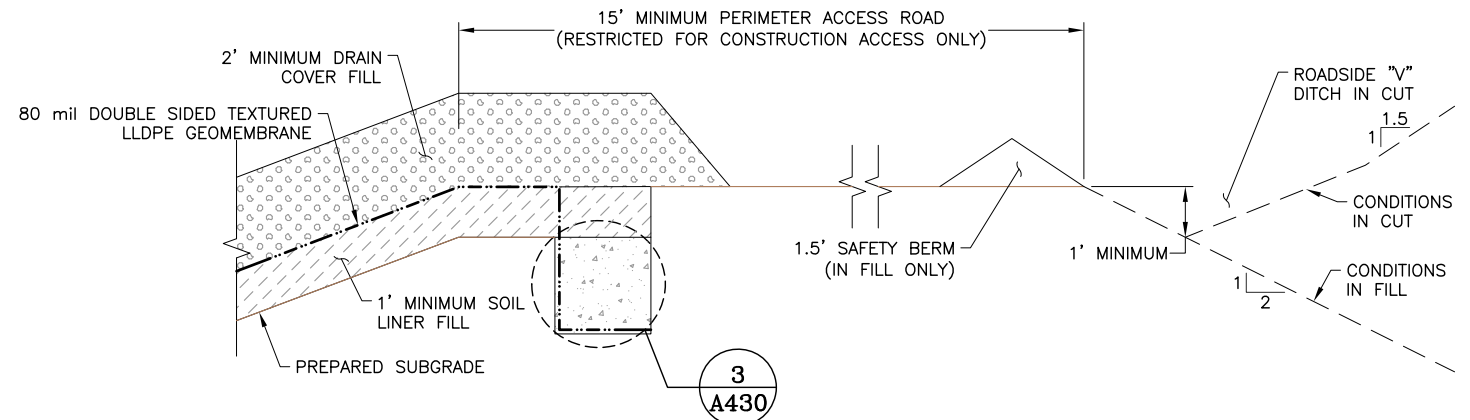
G
A060 **G**
A100 **G**
A200 **G**
A300 **LINER CONNECTION SECTION**



3
A430 **TYPICAL ANCHOR TRENCH**



H
A100 **H**
A170 **H**
A171 **H**
A172 **TEMPORARY STAGED PERIMETER ANCHOR TRENCH SECTION**



J
A040 **J**
A170 **J**
A200 **J**
A270 **J**
A271 **J**
A300 **J**
A370 **J**
A371 **EDGE OF LINER TERMINATION ALONG PERIMETER ACCESS ROAD**

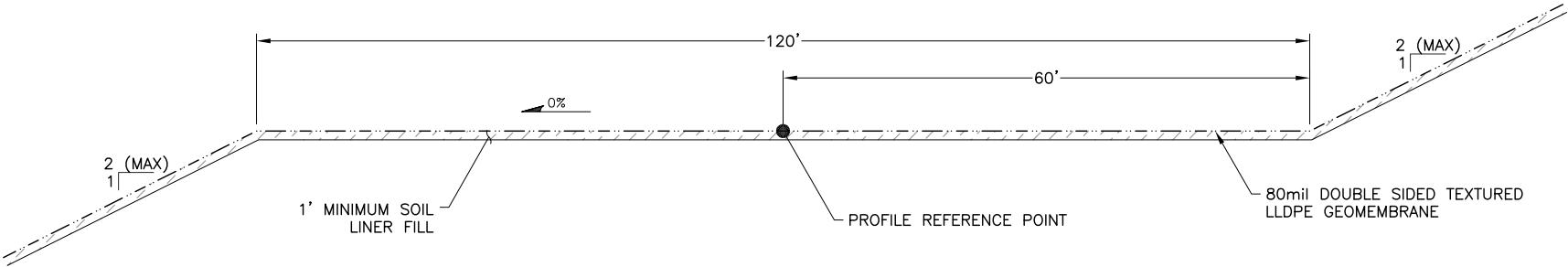
NOTES:

1. COMPACTED SOIL LINER FILL OR OTHER FILL APPROVED BY THE MANAGER TO BACKFILL ANCHOR TRENCH. ANCHOR TRENCHES INTERNAL TO THE VLF WILL BE BACKFILLED WITH SOIL LINER FILL FOR THE UPPER 1FT (MIN).
2. WHEN THE CONTRACTOR TIES THE PROPOSED 80 mil DOUBLE SIDED TEXTURED LLDPE GEOMEMBRANE INTO THE EXISTING GEOMEMBRANE, THE FOLLOWING STEPS SHALL BE TAKEN:
 - 2.1. THE EXISTING DRAIN COVER FILL SHALL BE CAREFULLY REMOVED EXPOSING A 2' MINIMUM OF THE EXISTING GEOMEMBRANE LINER MEASURED FROM THE EDGE OF THE ANCHOR TRENCH.
 - 2.2. CUT THE EXISTING GEOMEMBRANE LINER AT THE TOP OF THE ANCHOR TRENCH.
 - 2.3. BASED ON FIELD CONDITIONS, FUSION OR EXTRUSION WELD THE TWO GEOMEMBRANE TOGETHER.
3. REFER TO PROJECT SPECIFICATIONS REGARDING MINIMUM DRAIN COVER FILL DEPTHS FOR WORKING OVER GEOSYNTHETICS AND PIPING WITH RUBBER TIRE OR TRACK MOUNTED EQUIPMENT.

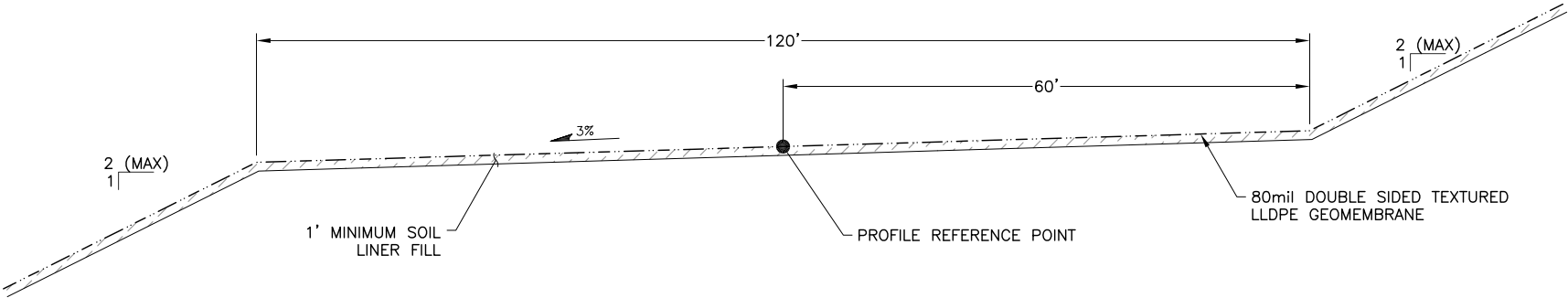
																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					</
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----



P:\Projects\0106.049 2021 VLF2 PH3 Support\A-CAD\DWGS\0106.049.007D.dwg-7/27/2021 10:55 AM



K A150 K A250 TYPICAL HAUL ROAD INTO PSSA

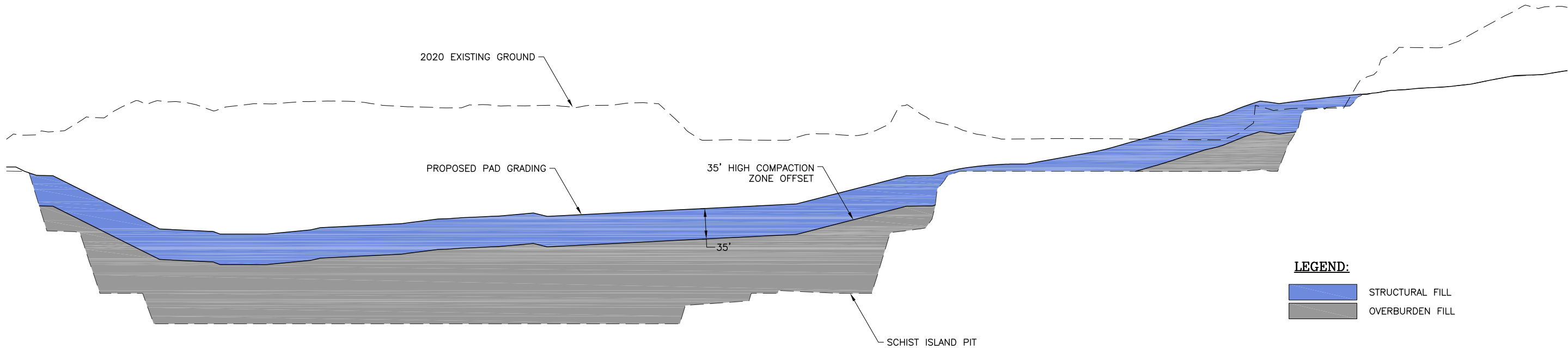


L A250 L A251 TYPICAL HAUL ROAD ALONG THE TOE OF SQUAW OSA

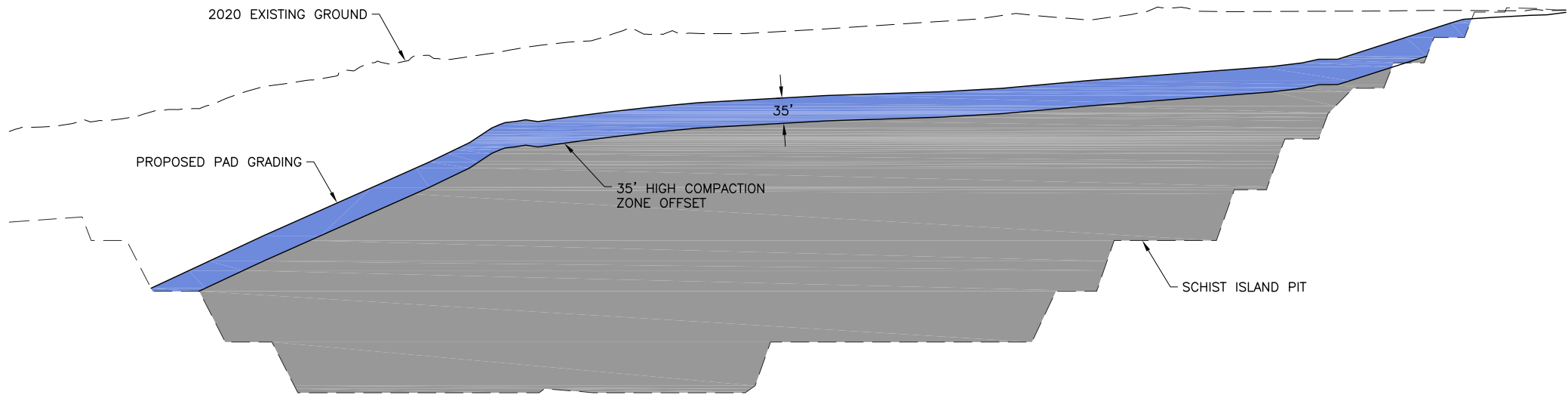


					APPROVED BY: JNM	DISCLAIMER NEWFIELDS PRODUCED THE INFORMATION PRESENTED ON THIS DRAWING THROUGH THE USE OF AVAILABLE TECHNICAL INFORMATION AND EXPERIENCE. RECEIVING THIS DRAWING DOES NOT GUARANTEE ANY RIGHTS TO EITHER SUCH TECHNICAL INFORMATION OR EXPERIENCE. ANY MODIFICATION OR ADAPTATION OF THE DATA OR DRAWING SHALL BE AT USER'S RISK AND WITHOUT ANY LIABILITY OR LEGAL RESPONSIBILITY TO NEWFIELDS.		CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
					CHECKED BY: JNM		PROJECT	SQUAW GULCH VLF2 PHASE 3		
					DESIGNED BY: JEP		TITLE	VALLEY LEACH FACILITY SECTIONS AND DETAILS (SHEET 2 OF 3)		
0	08/27/21	ISSUED FOR CONSTRUCTION		CAZ	JNM					
REV	DATE	DESCRIPTION		TECH	ENG	DRAWN BY: JEP	FILENAME 0106.049.007D		DRAWING NO. A431	REVISION 0

P:\Projects\0106.049 2021 VLF2 PH3 Support\A-CAD\DWGS\0106.049.082D.dwg-7/27/2021 11:19 AM



M LOW COMPACTION ZONE THROUGH STAGE A
A108



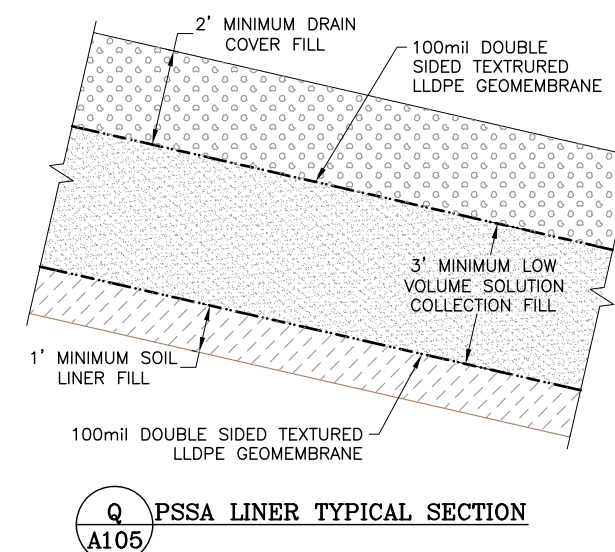
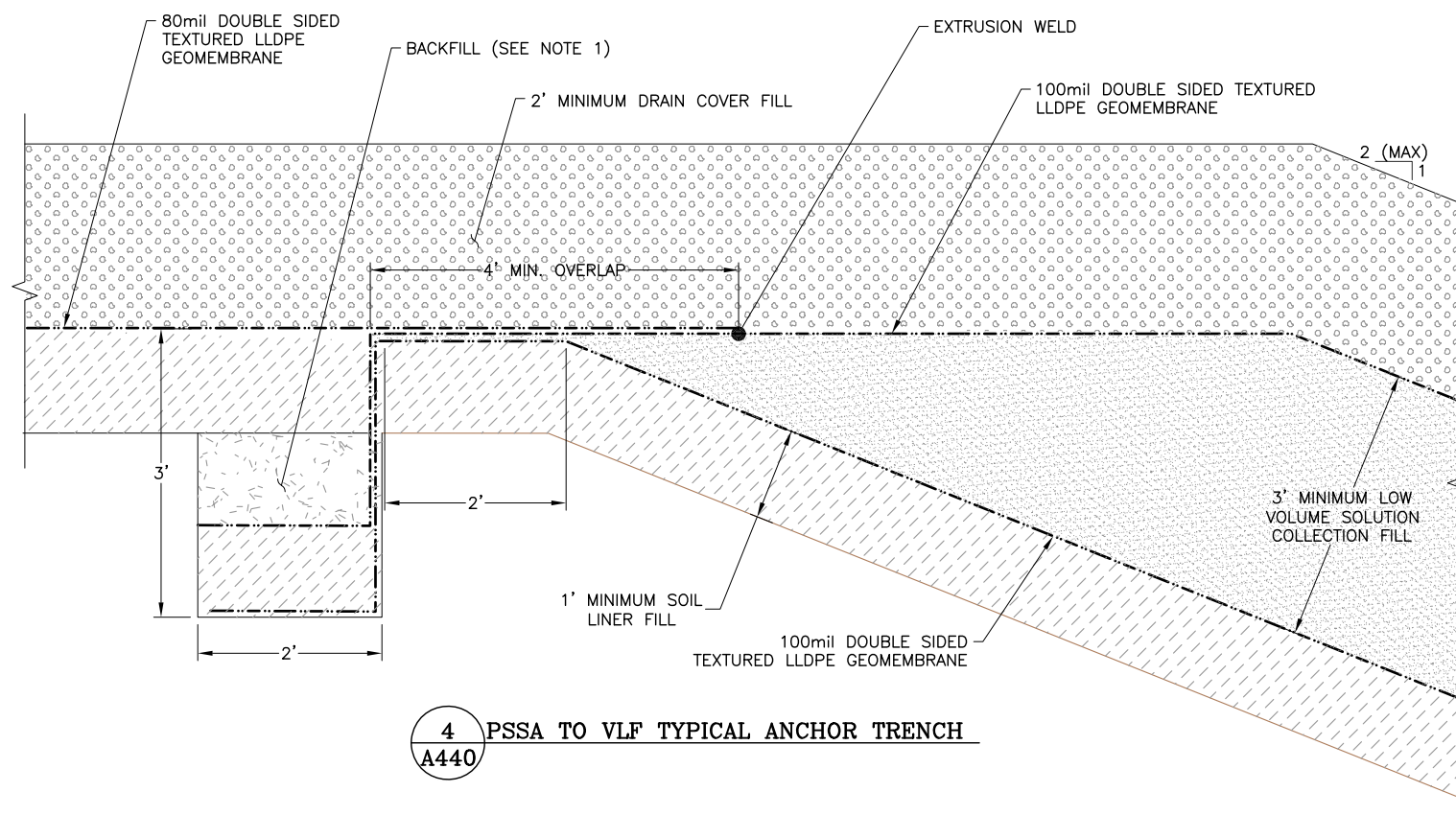
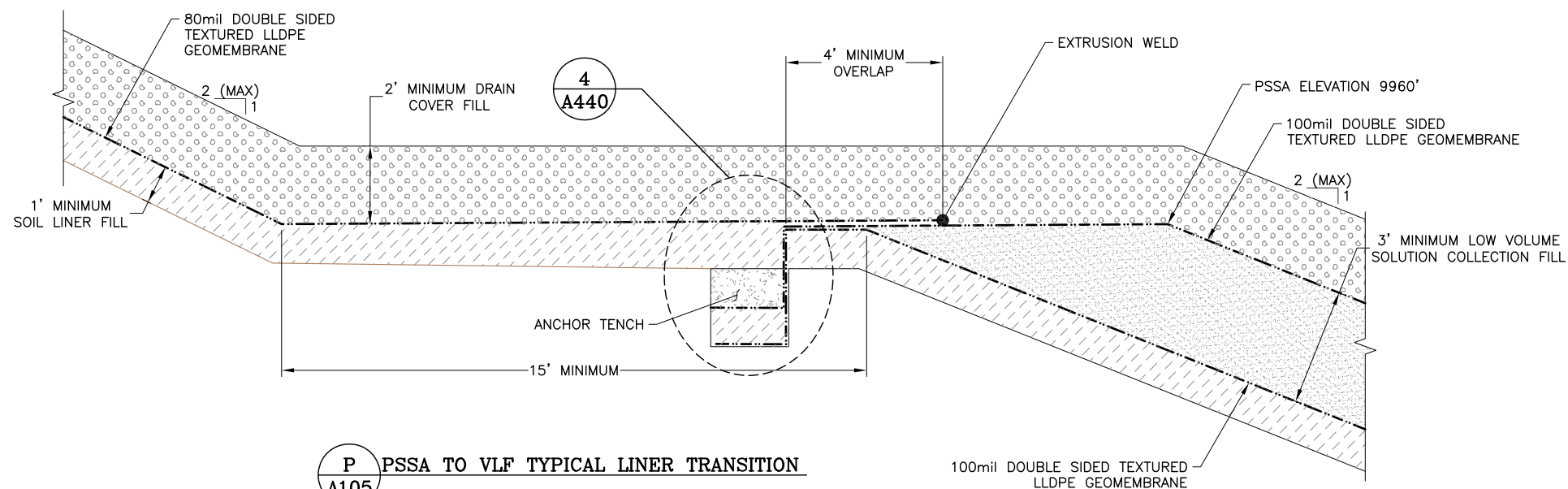
N LOW COMPACTION ZONE THROUGH STAGE C
A308

LEGEND:

- STRUCTURAL FILL
- OVERBURDEN FILL



						APPROVED BY: JNM	DISCLAIMER NEWFIELDS PRODUCED THE INFORMATION PRESENTED ON THIS DRAWING THROUGH THE USE OF AVAILABLE TECHNICAL INFORMATION AND EXPERIENCE. RECEIVING THIS DRAWING DOES NOT GUARANTEE ANY RIGHTS TO EITHER SUCH TECHNICAL INFORMATION OR EXPERIENCE. ANY MODIFICATION OR ADAPTATION OF THE DATA OR DRAWING SHALL BE AT USER'S RISK AND WITHOUT ANY LIABILITY OR LEGAL RESPONSIBILITY TO NEWFIELDS.	NewFields CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY				
						CHECKED BY: JNM			PROJECT	SQUAW GULCH VLF2 PHASE 3		
						DESIGNED BY: JEP			TITLE	VALLEY LEACH FACILITY SECTIONS AND DETAILS (SHEET 3 OF 3)		FILENAME 0106.049.082D
0	08/27/21	ISSUED FOR CONSTRUCTION			JEP	JNM			DRAWN BY: JEP			DRAWING NO. A432
REV	DATE	DESCRIPTION			TECH	ENG						



NOTES:

1. COMPACTED SOIL LINER FILL OR OTHER APPROVED BACKFILL APPROVED BY THE ENGINEER TO BACKFILL ANCHOR TRENCH. ANCHOR TRENCHES INTERNAL TO THE VLF WILL BE BACKFILLED WITH SOIL LINER FILL FOR THE UPPER 1FT (MIN).
2. REFER TO PROJECT SPECIFICATIONS REGARDING MINIMUM DRAIN COVER FILL DEPTHS FOR WORKING OVER GEOSYNTHETICS AND PIPING WITH RUBBER TIRE OR TRACK MOUNTED EQUIPMENT.

[illegible]

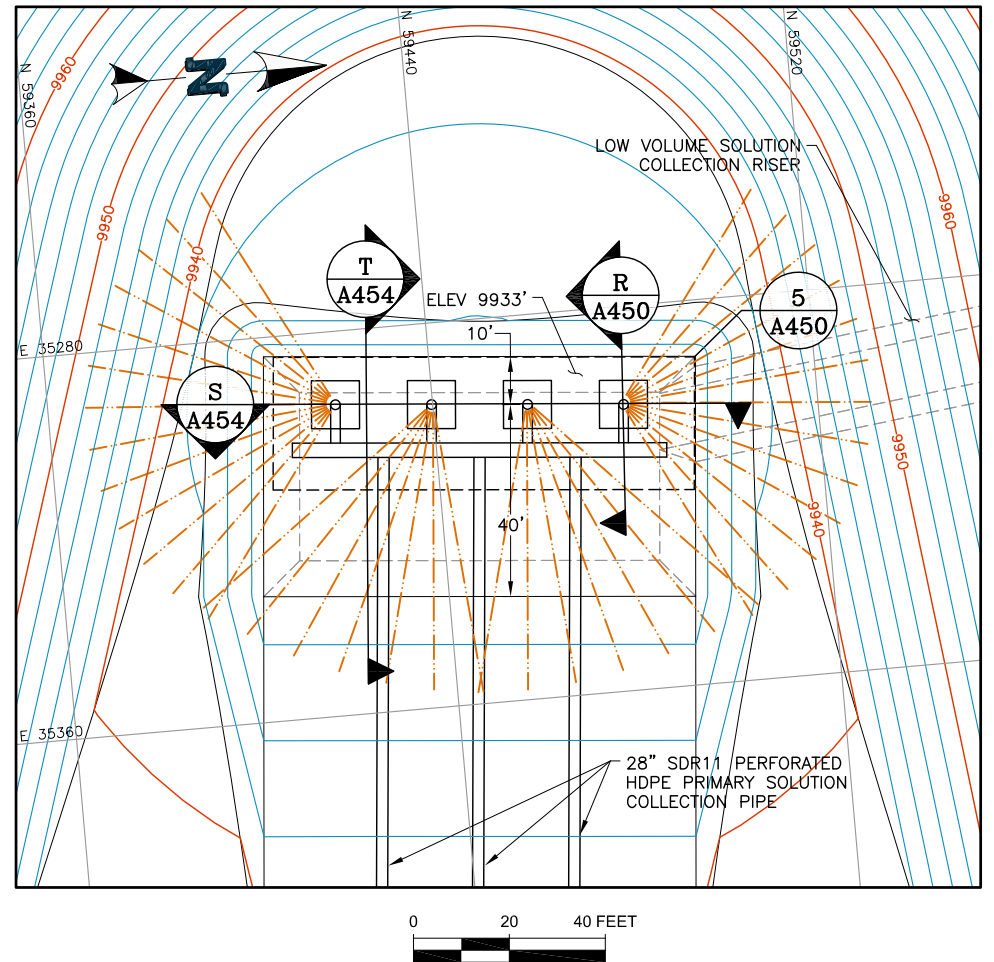
P:\Projects\0106.049 2021 VLF2 PH3 Support\A-CAD\DWGS\0106.049.012D.dwg-8/26/2021 1:36 PM

LEGEND:

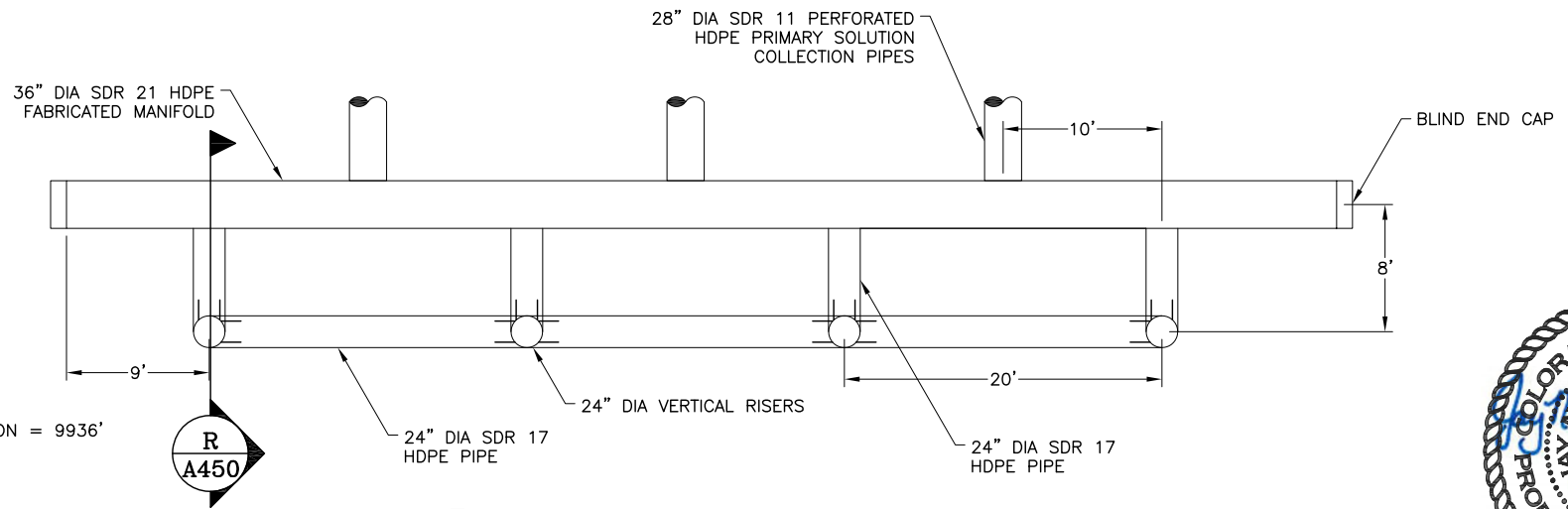
-  PROPOSED PHASE 3 PAD CONTOURS
 6 IN DIA. PERFORATED CPe COLLECTION PIPE (TYPE SP)

NOTES:

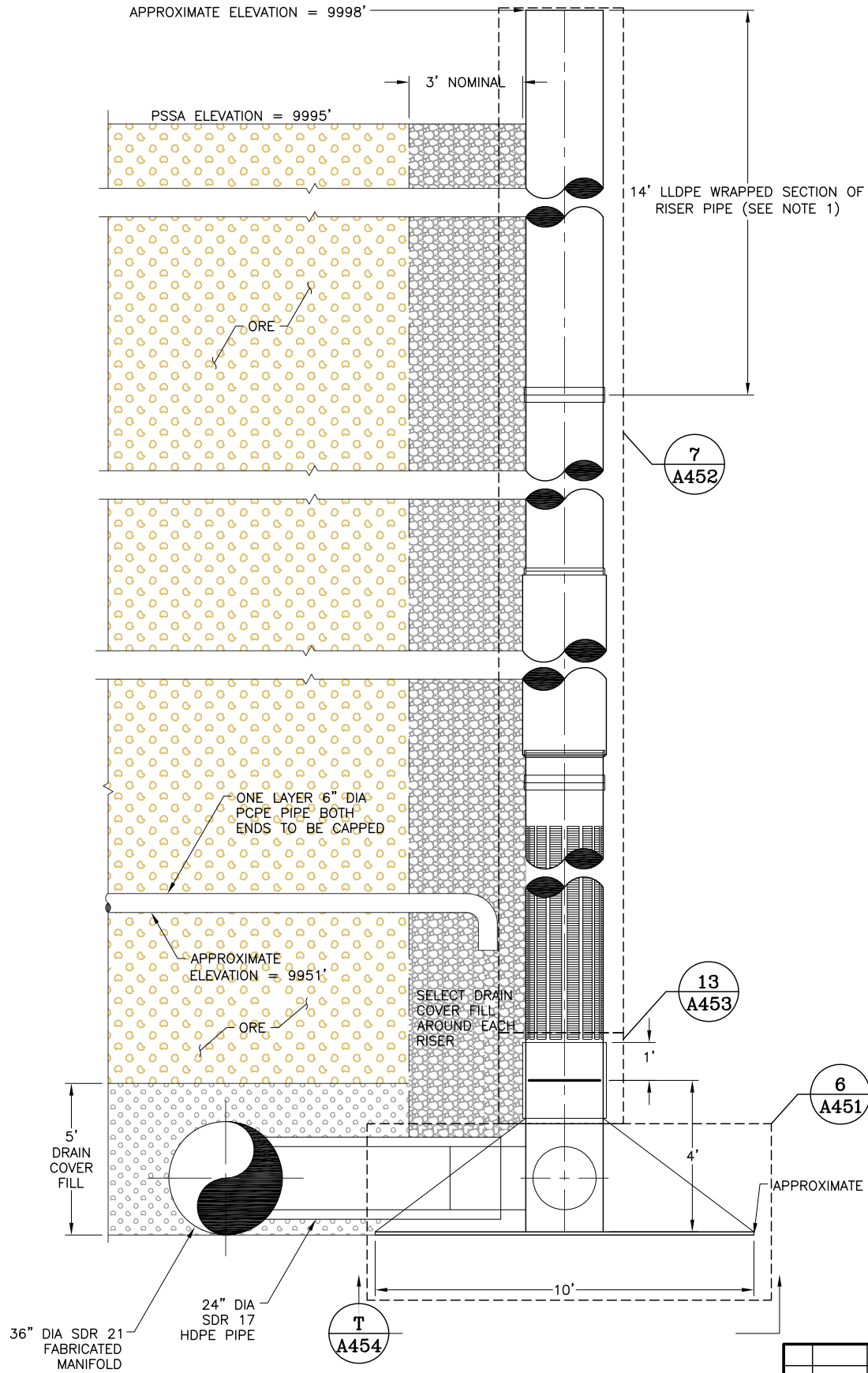
1. WRAP RISER PIPE WITH 100mil LLDPE SMOOTH GEOMEMBRANE TO REDUCE FRICTION BETWEEN PSSA FILL AND RISER PIPE.
2. COMPRESSION JOINTS TO BE IN FULL EXTENSION BEFORE BACKFILL.



VLF2 PHASE 3 PUMP RISER LAYOUT



5 HIGH VOLUME SOLUTION COLLECTION HEADER DETAIL



R HIGH VOLUME SOLUTION COLLECTION SYSTEM RISER

REV	DATE	DESCRIPTION	TECH	ENG
0	08/27/21	ISSUED FOR CONSTRUCTION	CAZ	JNM

APPROVED BY:	JNM
CHECKED BY:	JNM
DESIGNED BY:	JEP
DRAWN BY:	JEP

DISCLAIMER

NEWFIELDS PRODUCED THE INFORMATION PRESENTED ON THIS DRAWING THROUGH THE USE OF AVAILABLE TECHNICAL INFORMATION AND EXPERIENCE. RECEIVING THIS DRAWING DOES NOT GUARANTEE ANY RIGHTS TO EITHER SUCH TECHNICAL INFORMATION OR EXPERIENCE. ANY MODIFICATION OR ADAPTATION OF THE DATA OR DRAWING SHALL BE AT USER'S RISK AND WITHOUT ANY LIABILITY OR LEGAL RESPONSIBILITY TO NEWFIELDS.

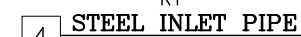
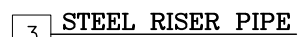
	CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY
PROJECT	SQUAW GULCH VLF2 PHASE 3	
TITLE	PSSA RISER SECTIONS AND DETAILS (SHEET 1 OF 5)	
FILENAME	0106.049.012D	
DRAWING NO.	A450	REVISION
		0



This elevation drawing shows a symmetrical roof structure with a central circular feature. The drawing includes the following dimensions and callouts:

- Overall Dimensions:**
 - Height: 4' (indicated on the left side).
 - Width: 5' (indicated at the bottom for each half of the structure).
- Roof Slope and Eave:**
 - The roof slope is indicated by a triangle with a vertical side of 1' and a horizontal side of 10", labeled as 1'-10".
 - The eave height is indicated as 1'-2" and 6" (likely 1'-6").
 - The roof slope is also indicated by a triangle with a vertical side of 1' and a horizontal side of 2", labeled as 1'-2".
- Central Feature:**
 - A central circular feature is shown, with a diameter of 3/8" (indicated by a circle with a slash and 3/8").
 - The feature is surrounded by a dashed line, indicating a hidden or internal structure.
- Callouts and Labels:**
 - Callout 1: Points to the roof slope.
 - Callout 2: Points to the roof slope.
 - Callout 3: Points to the roof slope.
 - Callout 4: Points to the roof slope.
 - Callout 5: Points to the roof slope.
 - Callout 6: Points to the roof slope.
 - Callout 7: Points to the roof slope.
 - Callout 8: Points to the roof slope.
 - Callout 9: Points to the roof slope.
 - Callout 10: Points to the roof slope.
 - Callout 11: Points to the roof slope.
 - Callout 12: Points to the roof slope.
 - Callout 13: Points to the roof slope.
 - Callout 14: Points to the roof slope.
 - Callout 15: Points to the roof slope.
 - Callout 16: Points to the roof slope.
 - Callout 17: Points to the roof slope.
 - Callout 18: Points to the roof slope.
 - Callout 19: Points to the roof slope.
 - Callout 20: Points to the roof slope.
 - Callout 21: Points to the roof slope.
 - Callout 22: Points to the roof slope.
 - Callout 23: Points to the roof slope.
 - Callout 24: Points to the roof slope.
 - Callout 25: Points to the roof slope.
 - Callout 26: Points to the roof slope.
 - Callout 27: Points to the roof slope.
 - Callout 28: Points to the roof slope.
 - Callout 29: Points to the roof slope.
 - Callout 30: Points to the roof slope.
 - Callout 31: Points to the roof slope.
 - Callout 32: Points to the roof slope.
 - Callout 33: Points to the roof slope.
 - Callout 34: Points to the roof slope.
 - Callout 35: Points to the roof slope.
 - Callout 36: Points to the roof slope.
 - Callout 37: Points to the roof slope.
 - Callout 38: Points to the roof slope.
 - Callout 39: Points to the roof slope.
 - Callout 40: Points to the roof slope.
 - Callout 41: Points to the roof slope.
 - Callout 42: Points to the roof slope.
 - Callout 43: Points to the roof slope.
 - Callout 44: Points to the roof slope.
 - Callout 45: Points to the roof slope.
 - Callout 46: Points to the roof slope.
 - Callout 47: Points to the roof slope.
 - Callout 48: Points to the roof slope.
 - Callout 49: Points to the roof slope.
 - Callout 50: Points to the roof slope.
 - Callout 51: Points to the roof slope.
 - Callout 52: Points to the roof slope.
 - Callout 53: Points to the roof slope.
 - Callout 54: Points to the roof slope.
 - Callout 55: Points to the roof slope.
 - Callout 56: Points to the roof slope.
 - Callout 57: Points to the roof slope.
 - Callout 58: Points to the roof slope.
 - Callout 59: Points to the roof slope.
 - Callout 60: Points to the roof slope.
 - Callout 61: Points to the roof slope.
 - Callout 62: Points to the roof slope.
 - Callout 63: Points to the roof slope.
 - Callout 64: Points to the roof slope.
 - Callout 65: Points to the roof slope.
 - Callout 66: Points to the roof slope.
 - Callout 67: Points to the roof slope.
 - Callout 68: Points to the roof slope.
 - Callout 69: Points to the roof slope.
 - Callout 70: Points to the roof slope.
 - Callout 71: Points to the roof slope.
 - Callout 72: Points to the roof slope.
 - Callout 73: Points to the roof slope.
 - Callout 74: Points to the roof slope.
 - Callout 75: Points to the roof slope.
 - Callout 76: Points to the roof slope.
 - Callout 77: Points to the roof slope.
 - Callout 78: Points to the roof slope.
 - Callout 79: Points to the roof slope.
 - Callout 80: Points to the roof slope.
 - Callout 81: Points to the roof slope.
 - Callout 82: Points to the roof slope.
 - Callout 83: Points to the roof slope.
 - Callout 84: Points to the roof slope.
 - Callout 85: Points to the roof slope.
 - Callout 86: Points to the roof slope.
 - Callout 87: Points to the roof slope.
 - Callout 88: Points to the roof slope.
 - Callout 89: Points to the roof slope.
 - Callout 90: Points to the roof slope.
 - Callout 91: Points to the roof slope.
 - Callout 92: Points to the roof slope.
 - Callout 93: Points to the roof slope.
 - Callout 94: Points to the roof slope.
 - Callout 95: Points to the roof slope.
 - Callout 96: Points to the roof slope.
 - Callout 97: Points to the roof slope.
 - Callout 98: Points to the roof slope.
 - Callout 99: Points to the roof slope.
 - Callout 100: Points to the roof slope.

2 STEEL PLATE SUPPORTS



Technical drawing of a square building footprint with a central circular feature. The drawing includes the following annotations:

- Dimensions:**
 - Overall square footprint: 10' (vertical dimension on the left).
 - Distance from the left edge to the centerline of the central feature: 5'.
 - Central circular feature diameter: 3/8" (indicated by a dimension line and a circle).
 - Central rectangular feature width: 1/4" (indicated by a dimension line and a circle).
- Angles:**
 - 90.0° TYP. (Typical) angle between the central rectangular feature and the central circular feature.
 - 45.0° TYP. (Typical) angle between the central circular feature and the diagonal lines of the square footprint.
- Callouts:**
 - 1: Points to the top-left corner of the square footprint.
 - 2: Points to the diagonal lines of the square footprint.
 - 3: Points to the central circular feature.
 - 4: Points to the central rectangular feature.
- Notes:**
 - EA. PIPE (East Pipe) with a dimension of 1/4" (indicated by a circle).
 - EA. PL (East Pipe) with a dimension of 1/4" (indicated by a circle).

Technical drawing of a mechanical assembly, showing two views: a top view and a side view.

Top View (Left):

- Overall width: 10' (5' on each side of the centerline).
- Overall height: 10' (5' on each side of the centerline).
- Central circular feature with a diameter of 3/8".
- Four rectangular extensions (labeled 4) extending from the center, each with a width of 1/4" and a height of 1/4".
- Diagonal lines (labeled 2) extending from the corners of the square, with a typical angle of 45.0°.
- Callout 1 points to the outer square boundary.
- Callout 3 points to the central circular feature.

Side View (Right):

- Overall height: 4'.
- Overall width: 10' (5' on each side of the centerline).
- Central circular feature with a diameter of 3/8".
- Rectangular extension (labeled 4) with a width of 1/4" and a height of 1/4".
- Diagonal lines (labeled 2) extending from the corners of the square, with a typical angle of 45.0°.
- Callout 1 points to the outer square boundary.
- Callout 3 points to the central circular feature.
- Callout 4 points to the rectangular extension.
- Callout 2 points to the diagonal lines.

Callouts and Dimensions:

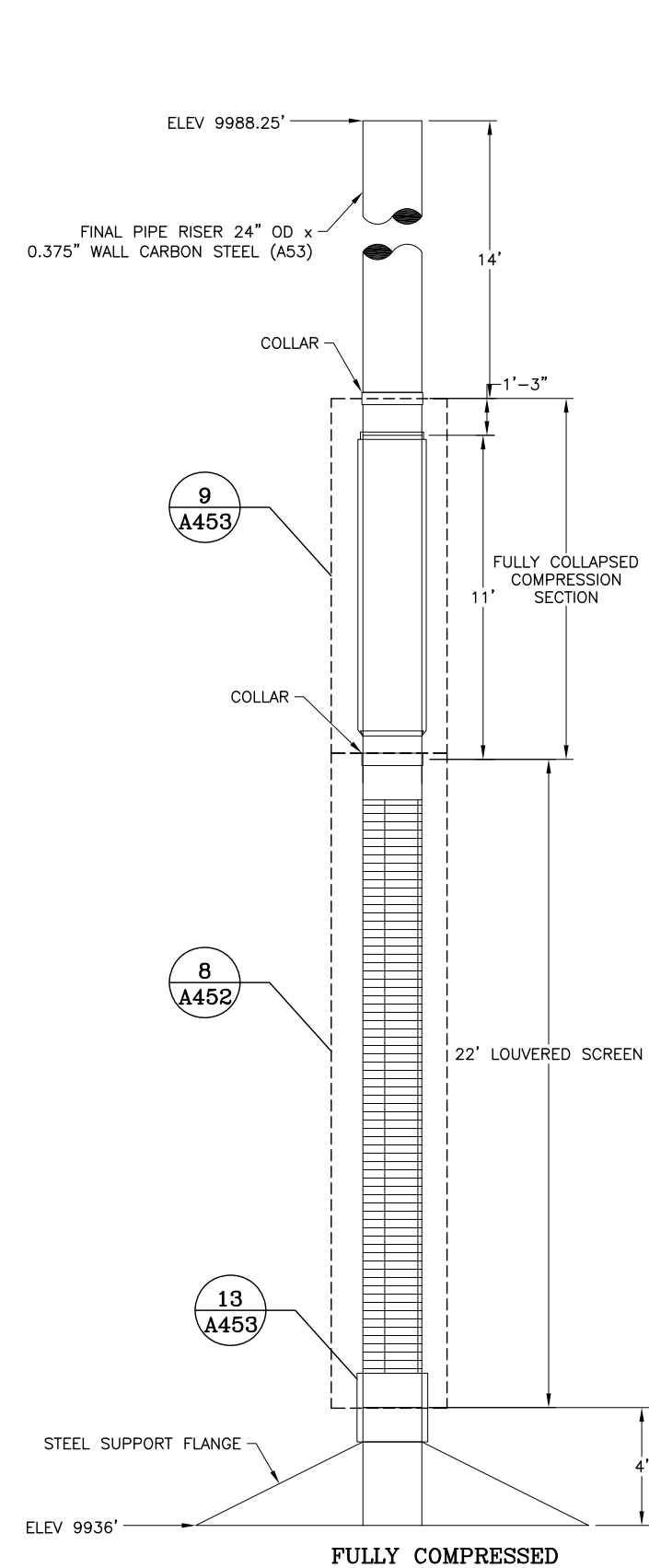
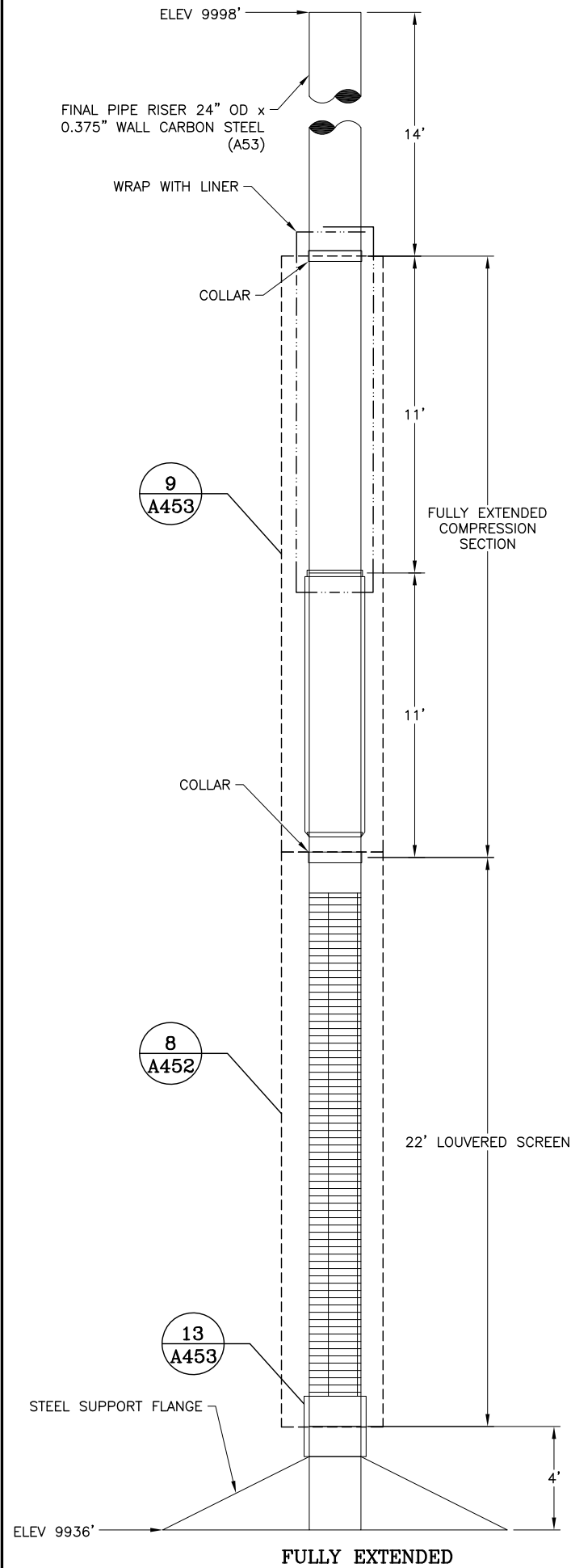
- 1: Outer square boundary.
- 2: Diagonal lines.
- 3: Central circular feature.
- 4: Rectangular extensions.
- 1/4": Width/height of rectangular extensions.
- 3/8": Diameter of central circular feature.
- 45.0° TYP: Typical angle of diagonal lines.
- 10', 5', 4': Overall dimensions.

TYPICAL END PLATE

Professional Engineer Seal for Jay T. Janney-Moore, State of Colorado, License No. 37571, Expires 8-27-2021.

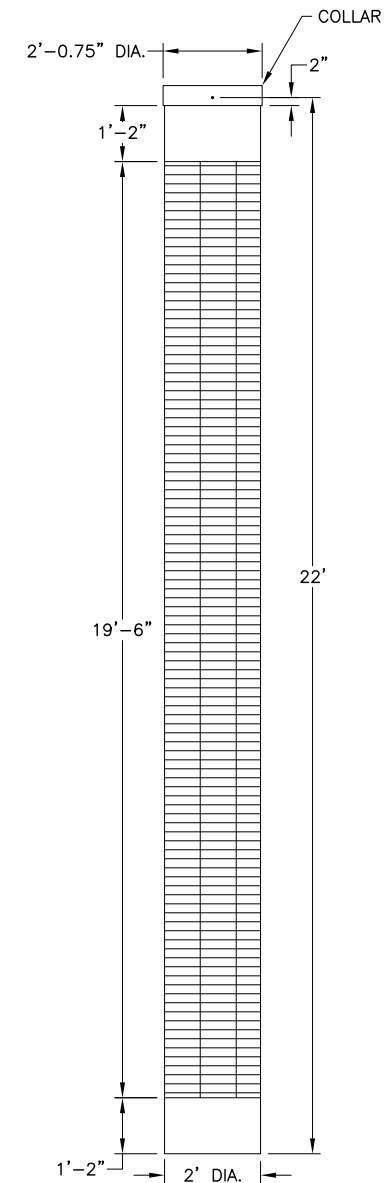
						APPROVED BY: JNM	DISCLAIMER NEWFIELDS PRODUCED THE INFORMATION PRESENTED ON THIS DRAWING THROUGH THE USE OF AVAILABLE TECHNICAL INFORMATION AND EXPERIENCE. RECEIVING THIS DRAWING DOES NOT GUARANTEE ANY RIGHTS TO EITHER SUCH TECHNICAL INFORMATION OR EXPERIENCE. ANY MODIFICATION OR ADAPTATION OF THE DATA OR DRAWING SHALL BE AT USER'S RISK AND WITHOUT ANY LIABILITY OR LEGAL RESPONSIBILITY TO NEWFIELDS.	 CIENT Cripple Creek & Victor Gold Mining Company			
						CHECKED BY: JNM			PROJECT	SQUAW GULCH VLF2 PHASE 3	
						DESIGNED BY: JEP			TITLE	PSSA RISER SECTIONS AND DETAILS (SHEET 2 OF 5)	
0	08/27/21	ISSUED FOR CONSTRUCTION			CAZ	JNM			FILENAME	0106.049.013D	
REV	DATE	DESCRIPTION			TECH	ENG			DRAWING NO.	REVISION	
							A451	0			

P:\Projects\0106.049 2021 VLF2 PH3 Support\A-CAD\DWGS\0106.049.021D.dwg-7/27/2021 11:28 AM



7 HIGH VOLUME SOLUTION COLLECTION SYSTEM VERTICAL RISER DETAIL
A450

24" O.D. X 3/8" WALL 304 SS. LOUVERED SCREEN
STANDARD PERF. PATTERN, 0.250" SLOT WITH COLLAR.
BASE PIPE PER ASTM A778

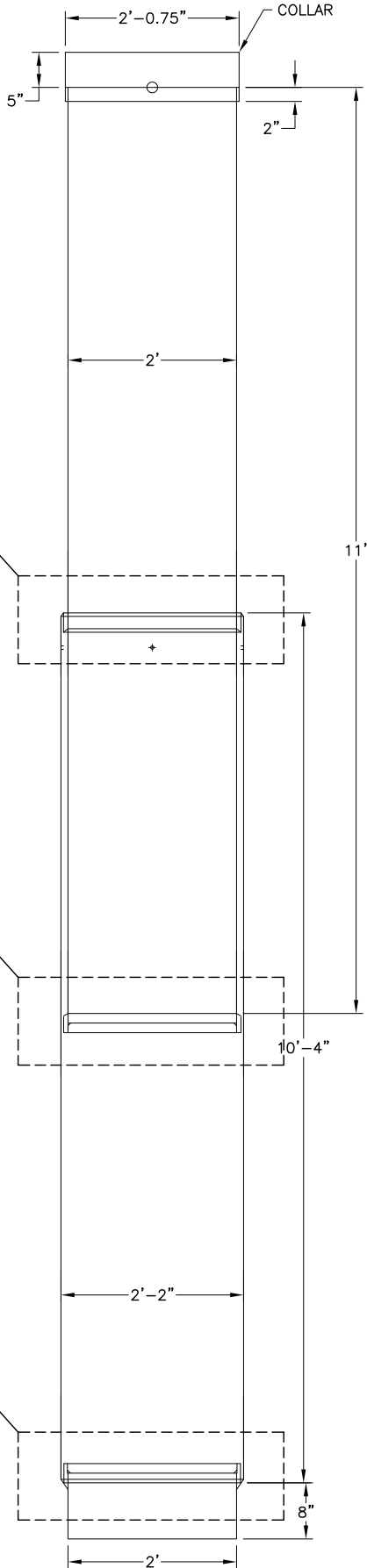


8 LOUVERED SCREEN DETAIL
A452



--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

26" O.D. X 24" O.D. X 3/8" WALL LOW CARBON STEEL
SINGLE STAGE COMPRESSION SECTION, 117"
DISPLACEMENT WITH COLLAR. 264" FULLY EXTENDED,
147" COLLAPSED. BASE PIPE PER ASTM A139 GR-B

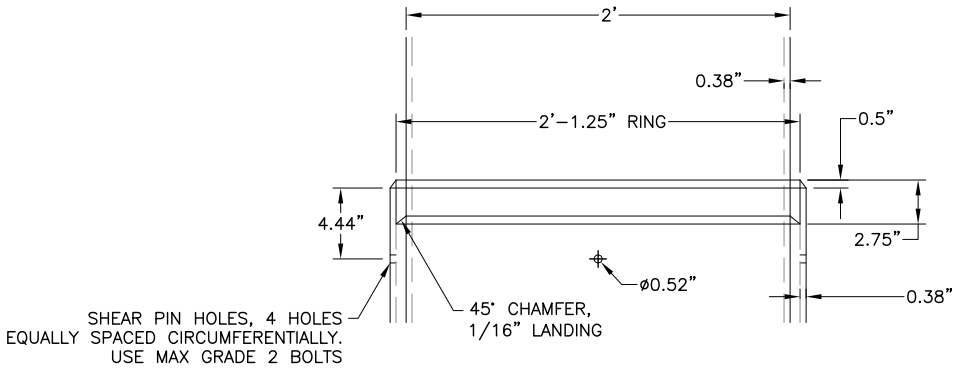


10
A453

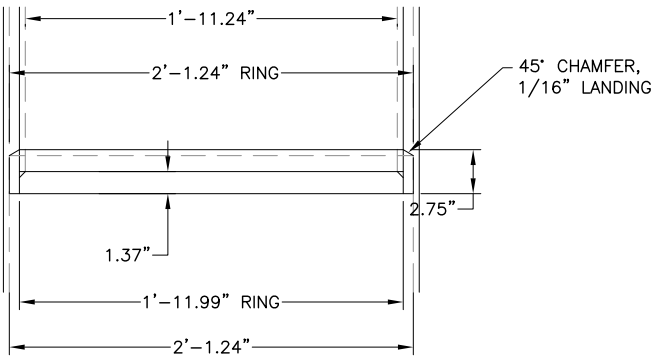
11
A453

12
A453

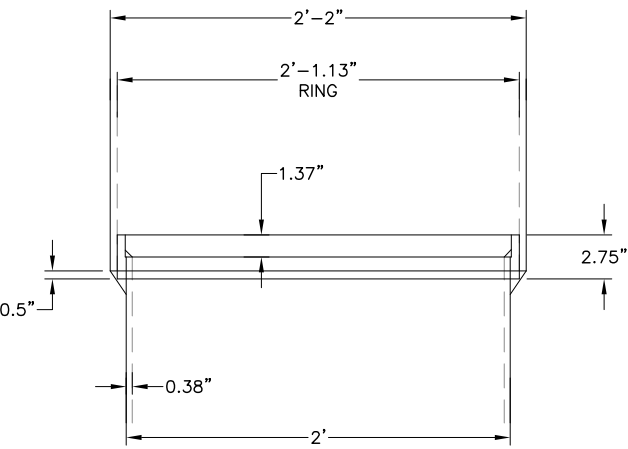
9 SINGLE STAGE COMPRESSION SECTION DETAIL
A452



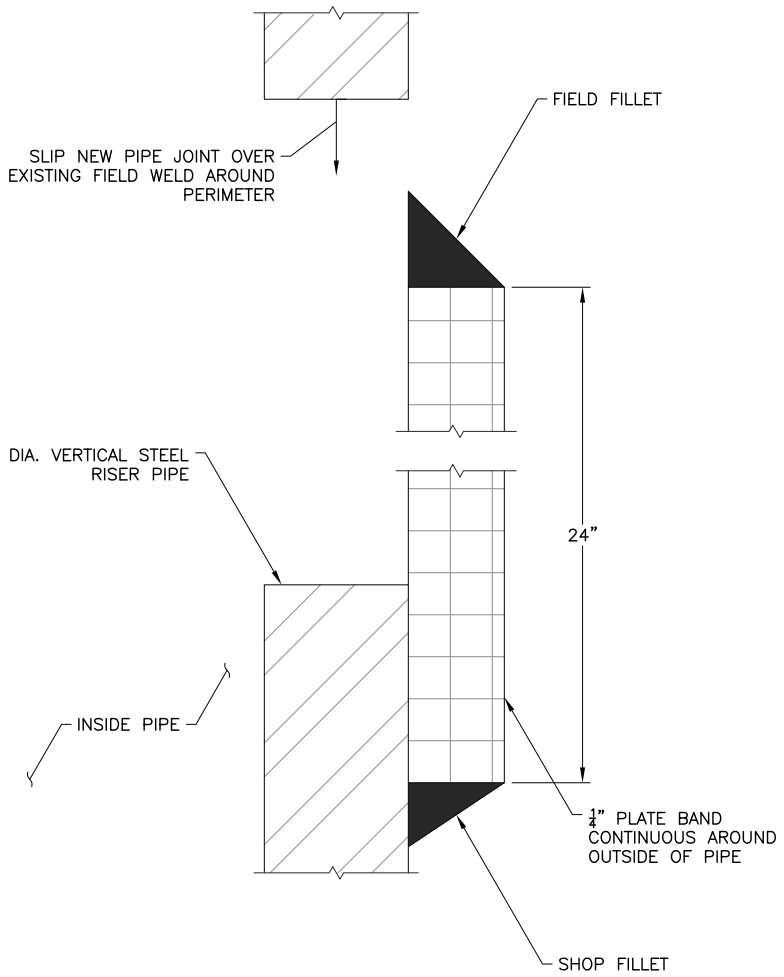
10 TOP FIXED RING DETAIL
A453



11 INTERNAL SLIDER RING DETAIL
A453



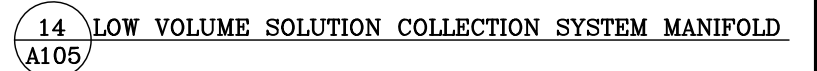
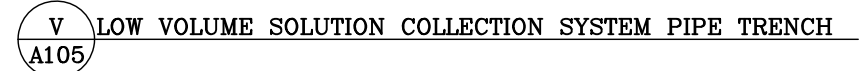
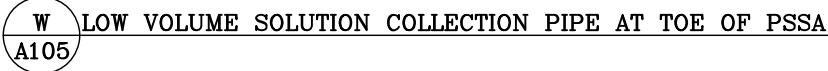
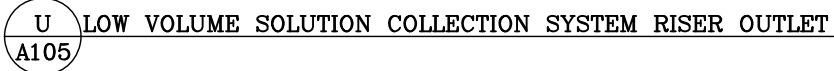
12 BOTTOM FIXED RING DETAIL
A453



13 13 TYPICAL 24" VERTICAL RISER PIPE CONNECTION DETAIL
A450 A452

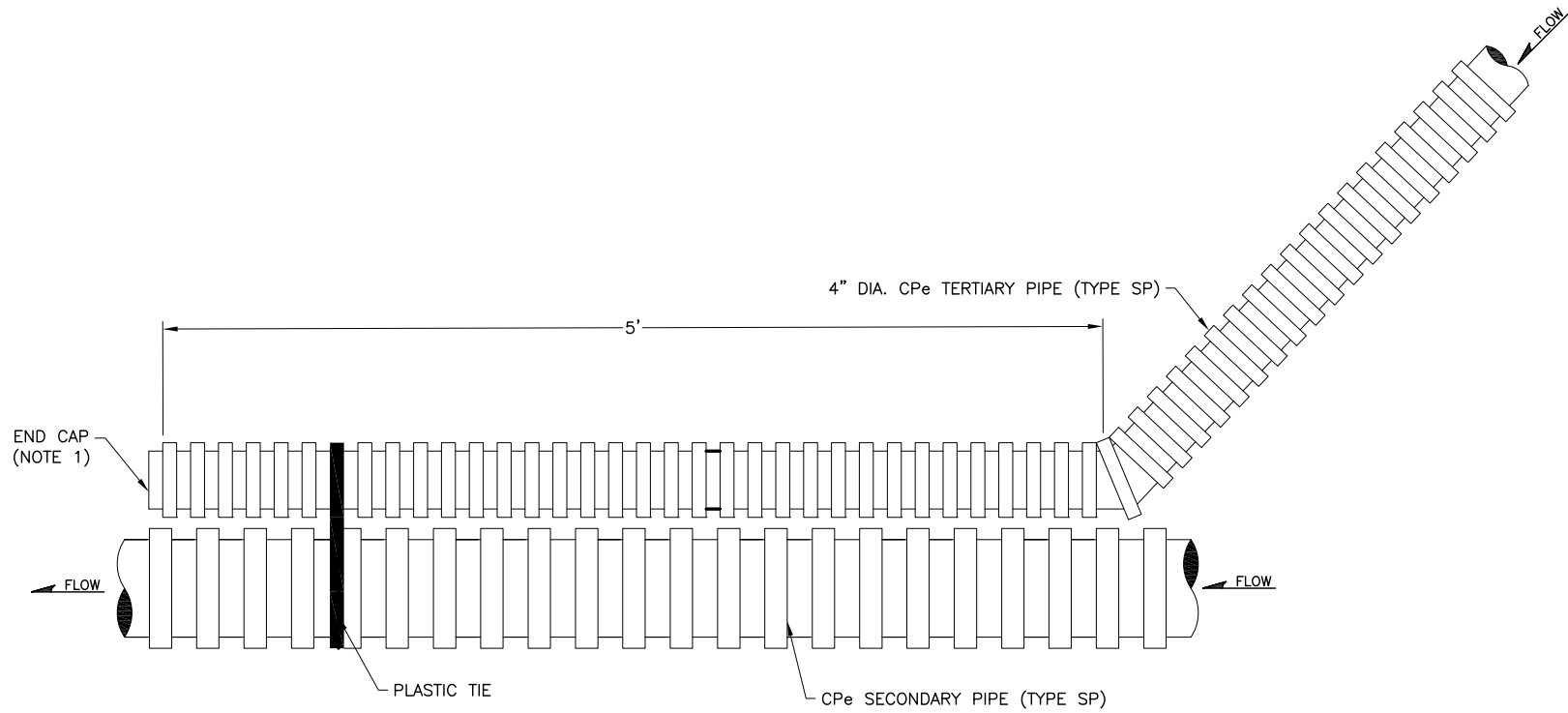


						APPROVED BY: JNM	DISCLAIMER NEWFIELDS PRODUCED THE INFORMATION PRESENTED ON THIS DRAWING THROUGH THE USE OF AVAILABLE TECHNICAL INFORMATION AND EXPERIENCE. RECEIVING THIS DRAWING DOES NOT GUARANTEE ANY RIGHTS TO EITHER SUCH TECHNICAL INFORMATION OR EXPERIENCE. ANY MODIFICATION OR ADAPTATION OF THE DATA OR DRAWING SHALL BE AT USER'S RISK AND WITHOUT ANY LIABILITY OR LEGAL RESPONSIBILITY TO NEWFIELDS.		CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY		
						CHECKED BY: JNM			PROJECT	SQUAW GULCH VLF2 PHASE 3		
						DESIGNED BY: JEP		DRAWN BY: JEP	TITLE PSSA RISER SECTIONS AND DETAILS (SHEET 4 OF 5)		FILENAME 0106.049.022D	
0	08/27/21	ISSUED FOR CONSTRUCTION			CAZ	JNM					DRAWING NO. A453	
REV	DATE	DESCRIPTION			TECH	ENG						

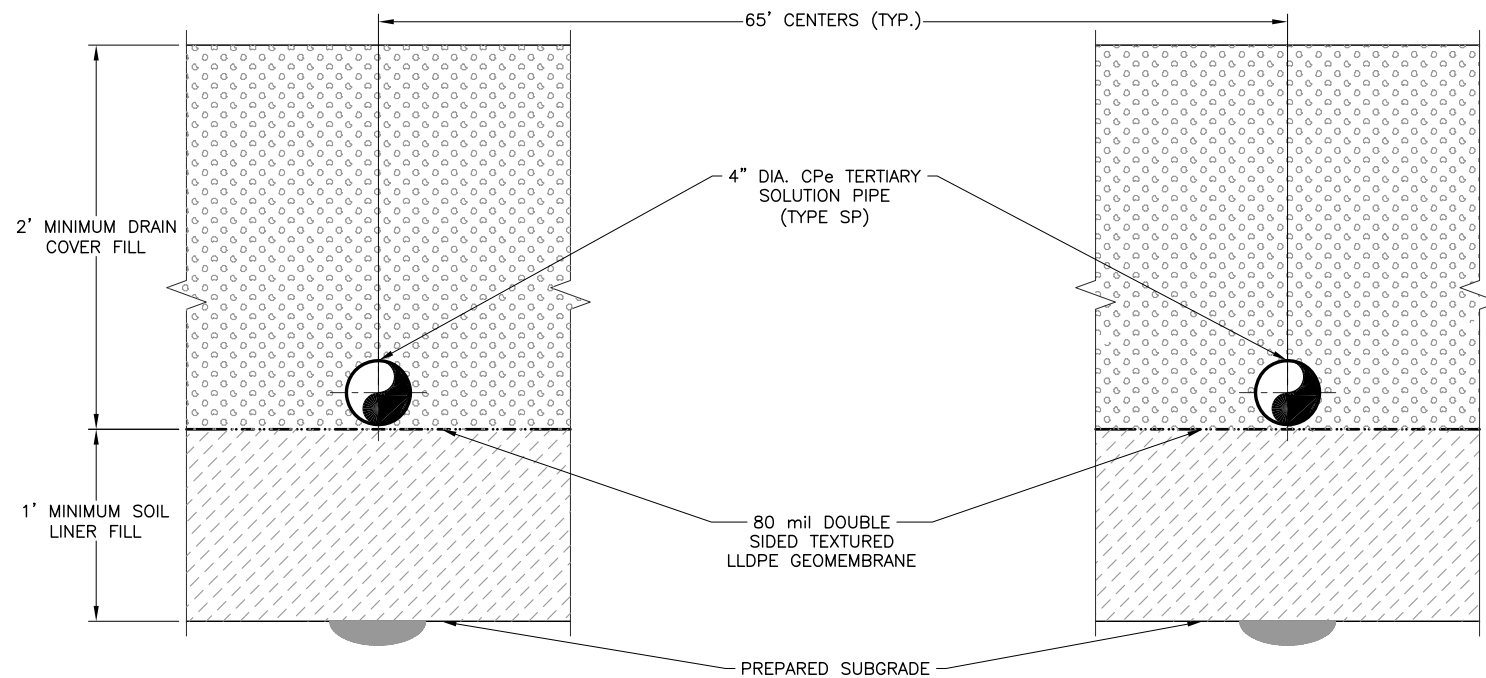


							APPROVED BY: JNM	DISCLAIMER NEWFIELDS PRODUCED THE INFORMATION PRESENTED ON THIS DRAWING THROUGH THE USE OF AVAILABLE TECHNICAL INFORMATION AND EXPERIENCE. RECEIVING THIS DRAWING DOES NOT GUARANTEE ANY RIGHTS TO EITHER SUCH TECHNICAL INFORMATION OR EXPERIENCE. ANY MODIFICATION OR ADAPTATION OF THE DATA OR DRAWING SHALL BE AT USER'S RISK AND WITHOUT ANY LIABILITY OR LEGAL RESPONSIBILITY TO NEWFIELDS.	 CLIENT Cripple Creek & Victor Gold Mining Company
						CHECKED BY: JNM	PROJECT SQUAW GULCH VLF2 PHASE 3		
						DESIGNED BY: JEP	TITLE LOW VOLUME SOLUTION COLLECTION SYSTEM DETAILS		
0	08/27/21		ISSUED FOR CONSTRUCTION	CAZ	JNM	DRAWN BY: JEP	FILENAME 0106_049_029D		
REV	DATE		DESCRIPTION	TECH	ENG		DRAWING NO. A460		
							REVISION 0		

P:\Projects\0106.049 2021 VLF2 PH3 Support\A-CAD\DWGS\0106.049.027D.dwg--7/27/2021 11:55 AM



15 15 15 15
A080 A120 A220 A320 TYPICAL SINGLE TERTIARY TO SECONDARY
SOLUTION COLLECTION PIPE JUNCTION



Y Y Y Y
A080 A120 A220 A320 VLF LINER SYSTEM

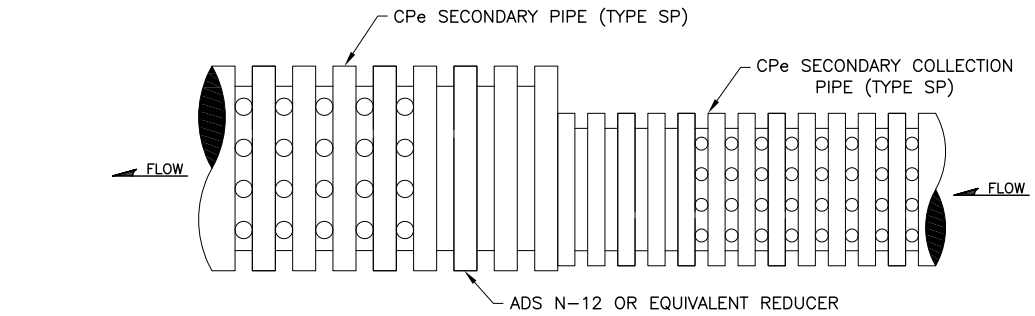
NOTES:

1. ALL CPe PIPES TO TERMINATE WITH MANUFACTURED END CAP. NO EXCEPTIONS.

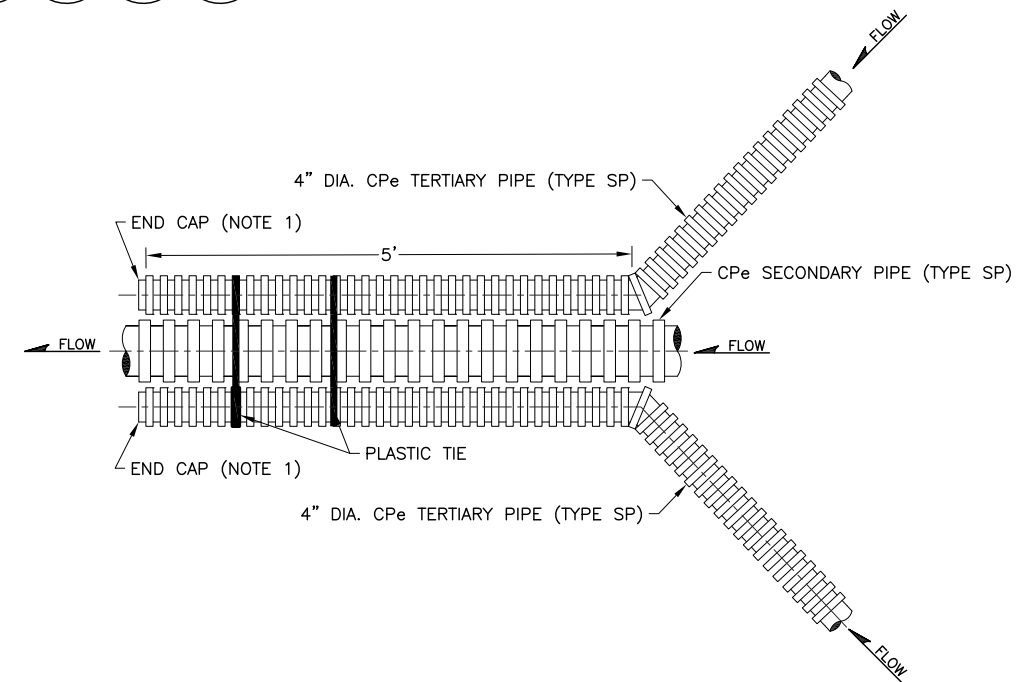
0	08/27/21	ISSUED FOR CONSTRUCTION		CAZ	JNM
REV	DATE	DESCRIPTION		TECH	ENG

APPROVED BY:	JNM	DISCLAIMER NEWFIELDS PRODUCED THE INFORMATION PRESENTED ON THIS DRAWING THROUGH THE USE OF AVAILABLE TECHNICAL INFORMATION AND EXPERIENCE. RECEIVING THIS DRAWING DOES NOT GUARANTEE ANY RIGHTS TO EITHER SUCH TECHNICAL INFORMATION OR EXPERIENCE. ANY MODIFICATION OR ADAPTATION OF THE DATA OR DRAWING SHALL BE AT USER'S RISK AND WITHOUT ANY LIABILITY OR LEGAL RESPONSIBILITY TO NEWFIELDS.
CHECKED BY:	JNM	
DESIGNED BY:	JEP	
DRAWN BY:	JEP	

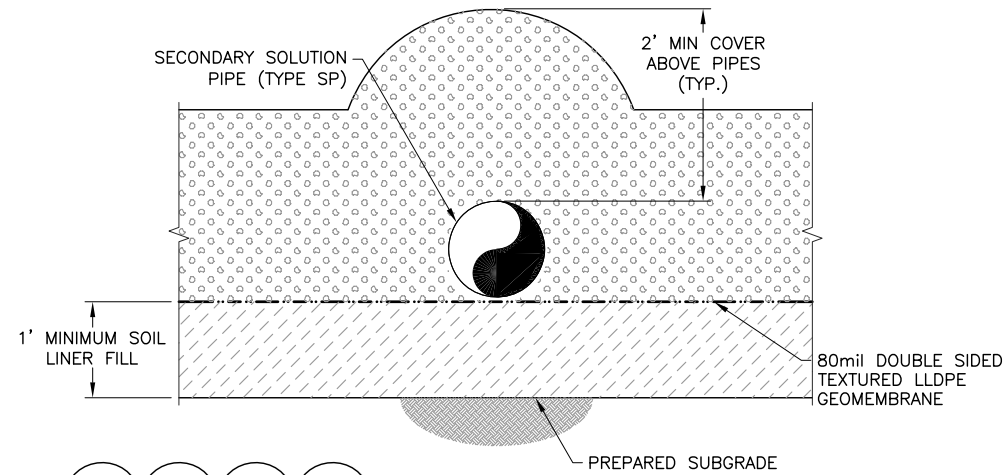
 NewFields		CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		SQUAW GULCH VLF2 PHASE 3		
TITLE	HIGH VOLUME SOLUTION COLLECTION SYSTEM DETAILS		FILENAME 0106.049.027D	
			DRAWING NO. A461	REVISION 0



16 16 16 16
A080 A120 A220 A320 TYPICAL SOLUTION COLLECTION PIPE REDUCER DETAIL

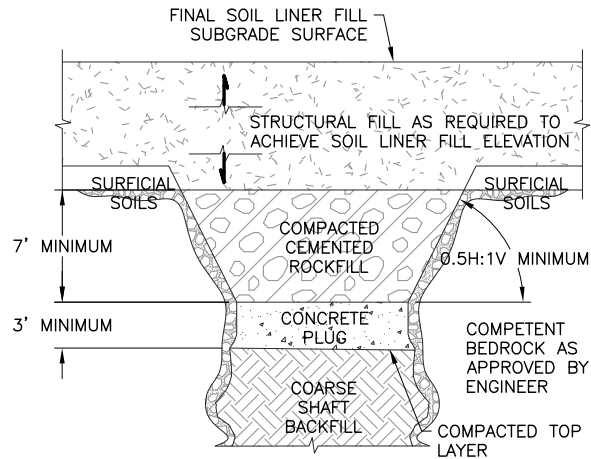


17 17 17
A080 A120 A220 TYPICAL DOUBLE TERTIARY TO SECONDARY
SOLUTION COLLECTION PIPE JUNCTION



Z Z Z Z
A080 A120 A220 A320 VLF PIPE TYPICAL SECTION

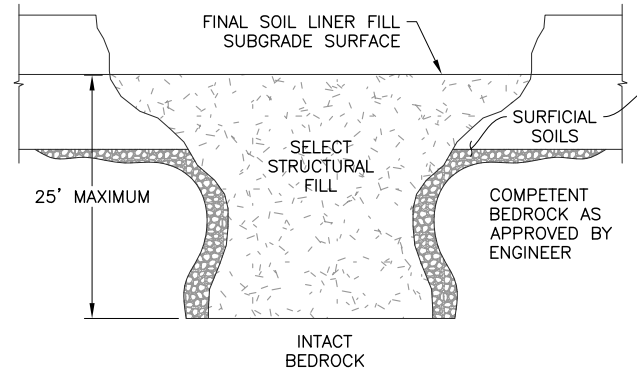




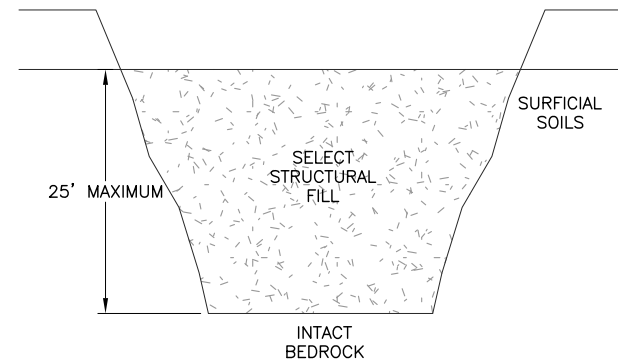
18 SHAFT/STOPE REMEDIATION DETAIL
A470

SHAFT/STOPE REMEDIATION NOTES:

1. ROCK SURFACE WITHIN SHAFT SHALL BE SCALED TO REMOVE LOOSE MATERIAL PRIOR TO CONCRETE PLUG AND CEMENTED ROCKFILL PLACEMENT.
2. CONTRACTOR TO CONSTRUCT 7' MINIMUM CEMENTED ROCKFILL IN EITHER COMPETENT BEDROCK OR SURFICIAL SOILS.
3. CONTRACTOR TO EXCAVATE PREVIOUSLY COLLAPSED SHAFTS/STOPE TO APPROXIMATELY 25' BELOW FINAL SOIL LINE FILL SUBGRADE SURFACE.
4. COMPACTION OF TOP LAYER OF COARSE SHAFT BACKFILL TO BE METHOD SPECIFICATION APPROVED BY THE ENGINEER.



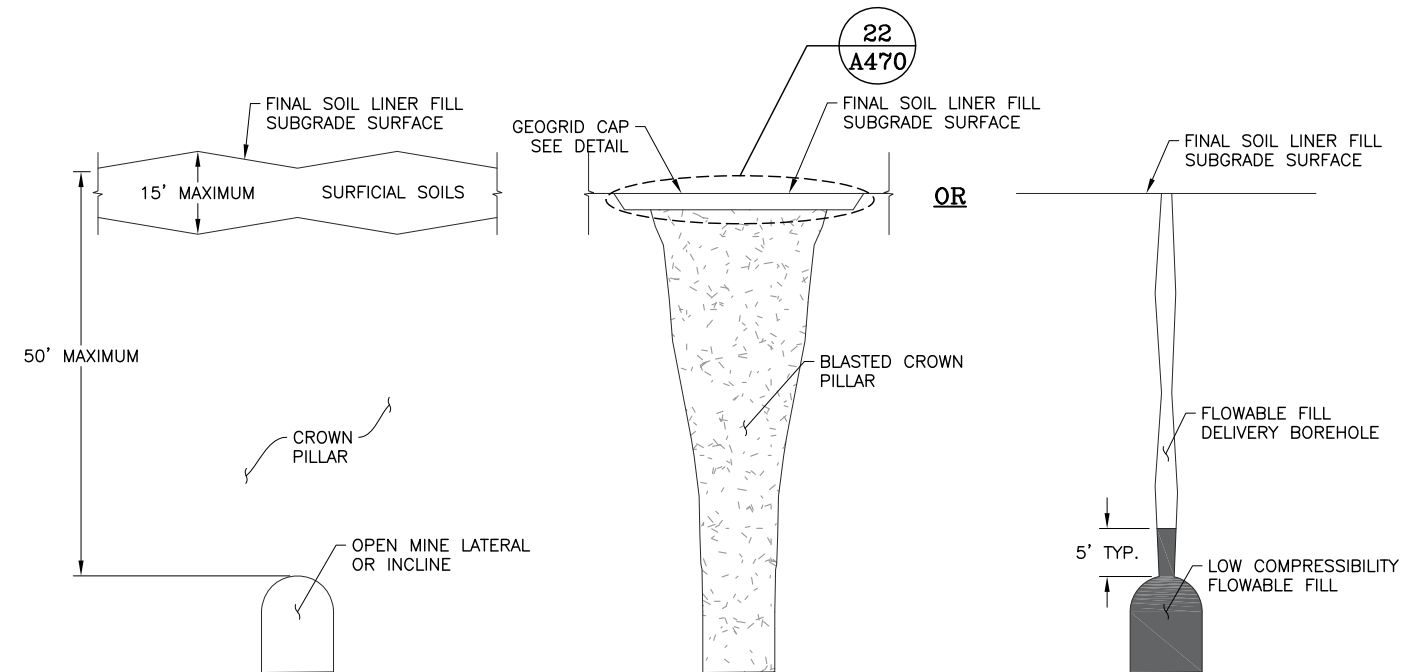
OR



19 SHALLOW SHAFT REMEDIATION DETAIL
A470

SHALLOW SHAFT REMEDIATION NOTES:

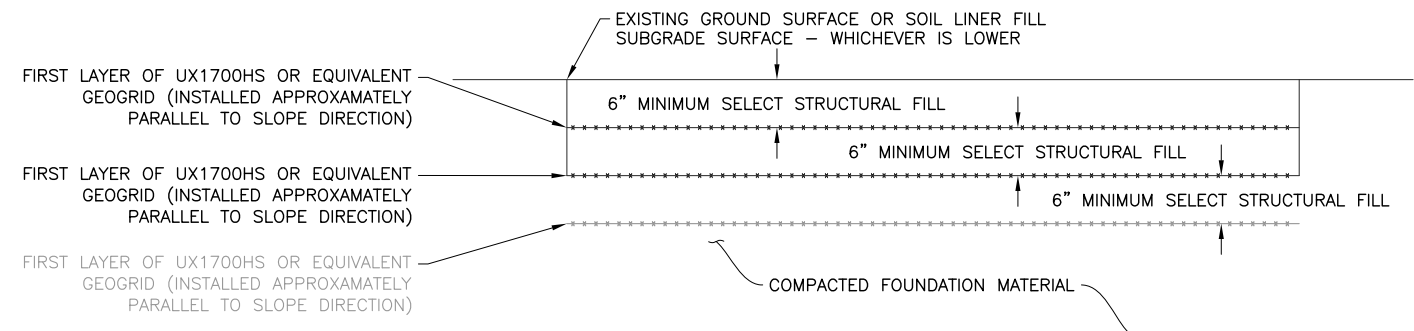
1. COMPACT SELECT STRUCTURAL FILL USING METHOD SPECIFICATION APPROVED BY THE ENGINEER.
2. SELECT STRUCTURAL FILL MAY BE REPLACED WITH STRUCTURAL FILL PER THE PROJECT SPECIFICATIONS.



PRIOR TO REMEDIATION

POST REMEDIATION CONFIGURATION

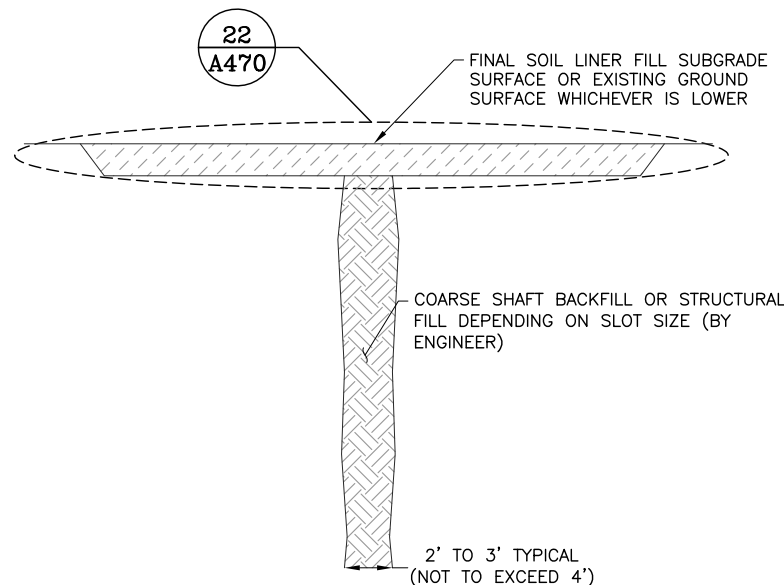
20 OPEN LATERAL REMEDIATION DETAIL
A470



22 GEOGRID CAP INSTALLATION DETAIL (TYP.)
A470

GEOGRID CAP INSTALLATION NOTES:

1. CONTRACTOR TO INSTALL DIRECTION OF MAXIMUM STRENGTH FOR THE SECOND LAYER OF UX1700HS OR EQUIVALENT HS GEOGRID TRANSVERSE TO THE DIRECTION OF MAXIMUM STRENGTH FOR THE FIRST LAYER OF UX1700HS GEOGRID.
2. A THIRD GEOGRID LAYER MAY BE ADDED IN AREAS UNDER HIGH NORMAL LOAD. AREAS REQUIRING THIRD GEOGRID WILL BE DETERMINED DURING REMEDIATION.
3. GEOGRID CAP TO EXTEND MINIMUM 15 FEET BEYOND MINE WORKING LIMIT.



21 OPEN MINED SLOT REMEDIATION DETAIL
A470

																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					</
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----