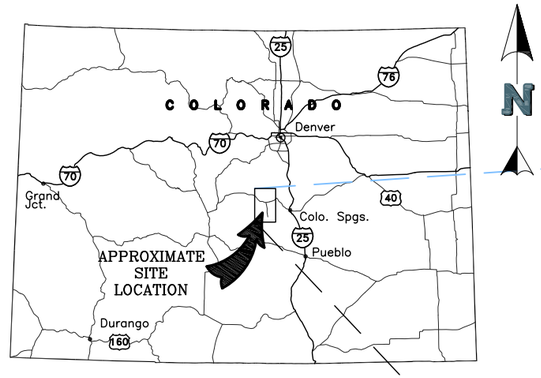
ISSUED FOR CONSTRUCTION DRAWINGS

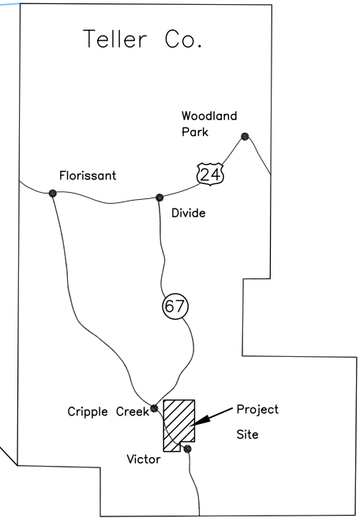
SQUAW GULCH
VALLEY LEACH FACILITY
PHASE 2

ISSUED FOR CONSTRUCTION
SEPTEMBER 12, 2018

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



LOCATION MAP



COUNTY MAP

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PHASE 2A PERIMETER ACCESS ROAD PLAN AND PROFILE	A42	0	0106.027.025P
PHASE 2A PERIMETER ACESS ROAD SECTIONS AND DETAILS	A43	0	0106.027.026D
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PHASE 2A SQUAW GULCH GRADING PLAN ISOPACH	A46	0	0106.027.019M
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HIGH VOLUME SOLUTION COLLECTION SYSTEM DETAILS	A74	0	0106.027.010D

OWNER:

NEWMONT

CRIPPLE CREEK & VICTOR GOLD MINING COMPANY

PREPARED BY:

NewFields

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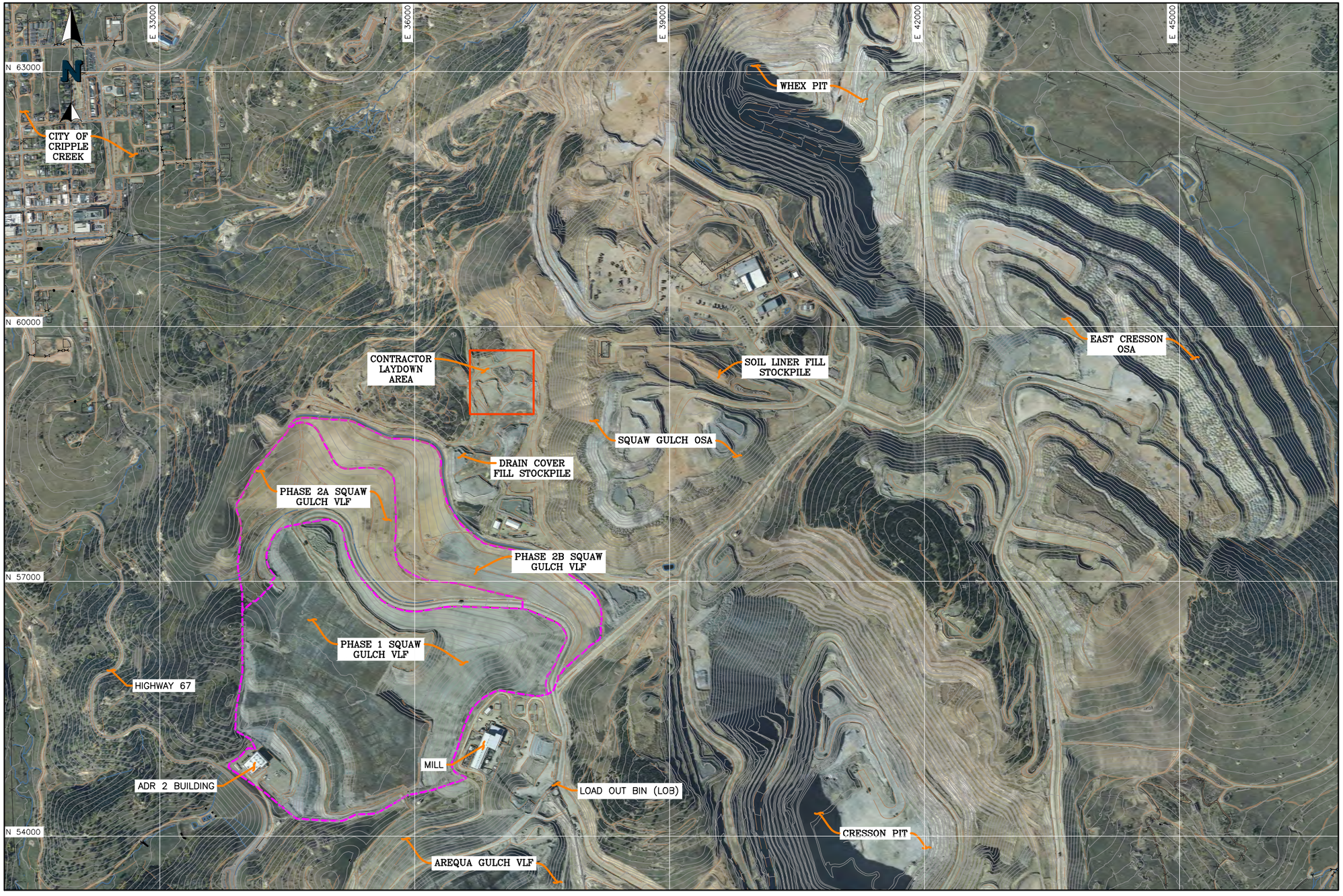

LEGEND:

- EXISTING GROUND CONTOURS
- EXISTING ROADS/TRAILS
- EXISTING FENCE
- EXISTING DRAINAGE
- SQUAW GULCH VLF PHASE LIMITS

NOTES:

1. FOR INFORMATION ONLY.

COLORADO REGISTERED JANNEY-MOORE LAND PROFESSIONAL ENGINEER
Jay Janney-Moore
37571
9-12-18

Reference:

NEWMONT PROVIDED THE 2017 FLYOVER DATA TO NEWFIELDS ON DEC. 14, 2017 IN THE FOLLOWING FILES: "MM173664_Topo_Plan-sheet1-final.DWG" and "MM173664_Topo_Plan-sheet2-final.DWG"

NEWMONT PROVIDED THE 2017 FLYOVER PHOTO TO NEWFIELDS ON DEC. 14, 2017 IN A FILE CALLED "MM173664-Cripple Creek-ortho_mosaic-final.DWG"

REV	DATE	DESCRIPTION	TECH	ENG
0	9-12-2018	ISSUED FOR CONSTRUCTION	JHP	JNM

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CLIENT: CRIPPLE CREEK & VICTOR GOLD MINING COMPANY

PROJECT: SQUAW GULCH VLF PHASE 2

TITLE: PROJECT SITE PLAN VIEW

FILENAME: 0106.027.028M
DRAWING NO.: A10
REVISION: 0

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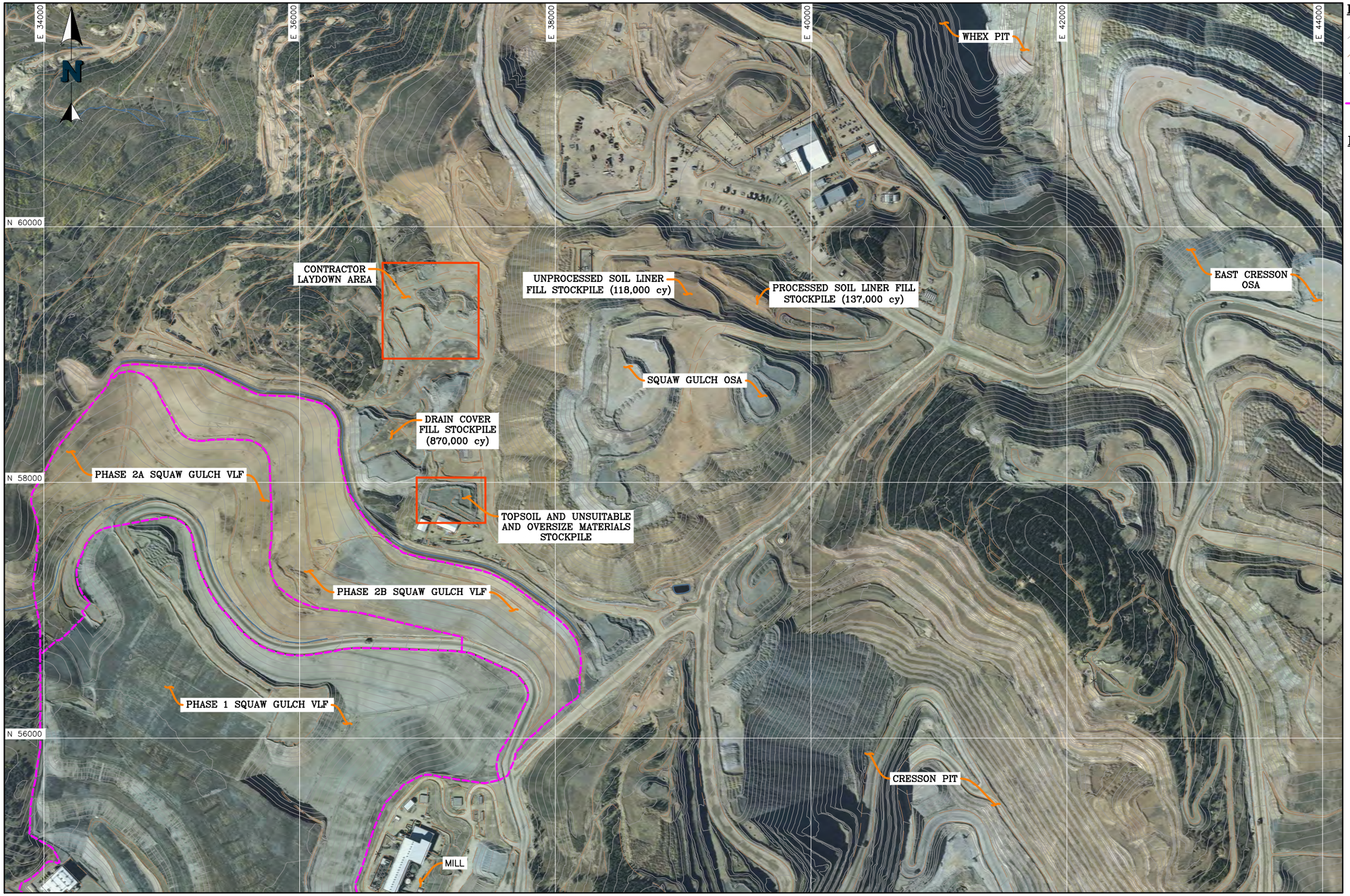

LEGEND:

- EXISTING GROUND CONTOURS
- EXISTING ROADS/TRAILS
- EXISTING FENCE
- EXISTING DRAINAGE
- SQUAW GULCH VLF PHASE LIMITS

NOTES:

1. DRAIN COVER FILL STOCKPILE CONTAINS APPROXIMATELY 870,000 cy OF MATERIAL, AS DETERMINED BY A SURVEY COMPLETED BY FORESIGHT WEST SURVEYING ON OCTOBER 18, 2016.
2. THE SOIL LINER FILL STOCKPILE CONTAINS APPROXIMATELY 137,000 cy OF PROCESSED CLAY (AS DETERMINED BY FORESIGHT WEST SURVEYING ON NOVERMBER 2, 2016) AND 118,000 cy OF UNPROCESSED CLAY (AS DETERMINED BY FORESIGHT WEST SURVEYING ON JULY 24, 2018).
3. CURRENTLY, THE SOIL LINER FILL STOCKPILE IS APPROXIMATELY 60,000 cy SHORT OF THE REQUIRED VOLUME NEEDED TO COMPLETE THE PROJECT. THE OWNER WILL BE LOOKING FOR SUITABLE MATERIAL AS THE MINE DEVELOPS.
4. SAFETY BERM AND RAMP BORROWS ARE TO COME FROM CUT MATERIAL ACQUIRED DURING PHASE 2 REGRADE.
5. THE FOLLOWING MATERIAL WILL NEED TO BE IMPORTED:

   5.1. LEAK DETECTION FILL: 300 cy
   5.2. UNDERDRAIN FILL: 250 cy

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CLIENT: CRIPPLE CREEK & VICTOR GOLD MINING COMPANY

PROJECT: SQUAW GULCH VLF PHASE 2

TITLE: PROJECT MATERIAL STOCKPILE AREAS

FILENAME: 0106.027.029M
DRAWING NO.: A15
REVISION: 0

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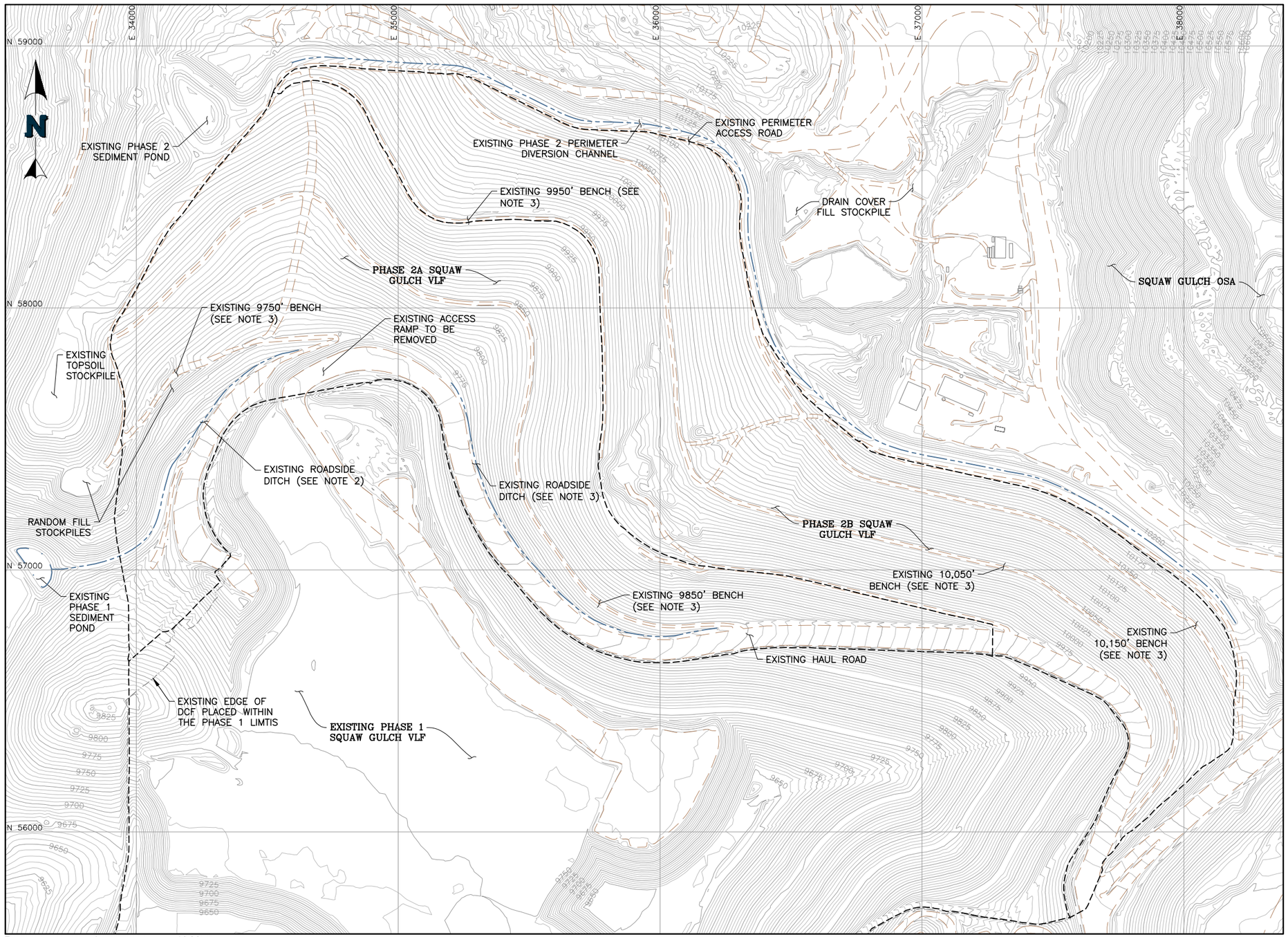

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LEGEND:

- EXISTING GROUND CONTOURS
- EXISTING ROADS/TRAILS
- EXISTING DRAINAGES
- SQUAW GULCH VLF PHASE LIMITS
- EDGE OF PHASE 1 DCF EXTENTS

NOTES:

1. FOR INFORMATION ONLY– TO BE CONFIRMED BY CONTRACTOR.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONFIRM THE EXISTING TOPOGRAPHY AND EXISTING FIELD CONDITIONS.
3. THE CONTRACTOR WILL NEED TO REMOVE THE EXISTING STORM WATER MANAGEMENT FEATURES, SEDIMENT LOG AND ROCK CHECK DAMS, AS PART OF THE CLEARING AND GRUBBING.
4. OVERSIZED AND UNACCEPTABLE MATERIAL WHICH CAN NOT BE USED AS RANDOM FILL WILL BE HAULED OFF THE PAD AND STOCKPILED IN AN AREA PROVIDED BY THE OWNER.

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PROFESSIONAL ENGINEER

Reference:

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CLIENT: CRIPPLE CREEK & VICTOR GOLD MINING COMPANY

PROJECT: SQUAW GULCH VLF PHASE 2

TITLE: EXISTING SITE CONDITIONS

FILENAME: 0106.027.001M
DRAWING NO.: A20
REVISION: 0

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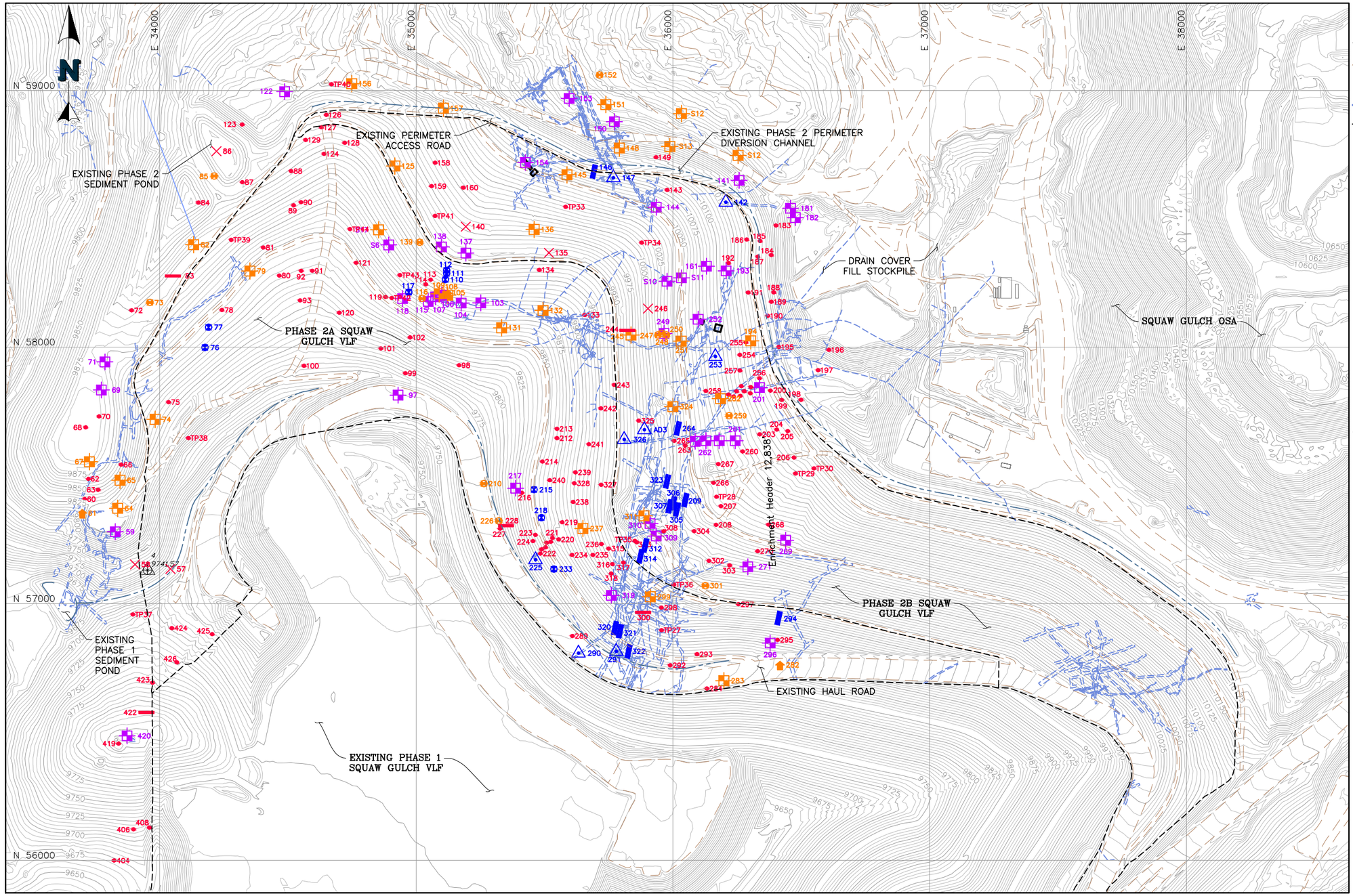

LEGEND:

- EXISTING GROUND CONTOURS
- EXISTING ROADS/TRAILS
- EXISTING DRAINAGES
- UNDERGROUND WORKINGS
- SQUAW GULCH VLF PHASE LIMITS
- EXISTING BUILDING
- DEEP OR TIMBERED SHAFT
- OPEN OR COLLAPSED ADIT
- TEST PIT OR CONICAL SURFACE WORKING
- DEPRESSION
- ROAD CUT, SAMPLE LOCATION, OR FEATURE OF INTEREST
- COLLAPSED SHAFT
- TRENCH
- SLOT MINE OR OPEN/COLLAPSED STOPE
- SHALLOW SHAFT OR SURFACE WORKING
- HISTORIC BUILDING REMAINS
- HISTORIC MINE

NOTES:

1. THIS DRAWING IS FOR INFORMATION ONLY.
2. THE UNDERGROUND WORKINGS SHOWN WITHIN THE PHASE 2A AND PHASE 2B LIMITS SHOULD HAVE BEEN REMEDIATED DURING THE PHASE 1 CONSTRUCTION.
3. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL VERIFY NO ADDITIONAL UNDERGROUND WORKINGS REQUIRE REMEDIATION.
4. IF AN UNREMEDIATED UNDERGROUND WORKING IS DISCOVERED, THE CONTRACTOR WILL WORK WITH THE ENGINEER TO DEVELOP A PLAN FOR REMEDIATION. SEE DWG A38 FOR DETAILS.
5. A LIST OF KNOWN UNDERGROUND WORKING IS SHOWN ON DRAWINGS A32–A36.

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PROFESSIONAL ENGINEER

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CLIENT: CRIPPLE CREEK & VICTOR GOLD MINING COMPANY

PROJECT: SQUAW GULCH VLF PHASE 2

TITLE: HISTORIC UNDERGROUND WORKINGS

FILENAME: 0106.027.011M

DRAWING NO.: A30

REVISION: 0

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Surface Disturbance ID	Date Observed Visually	Northing (6)	Easting	Type of Disturbance	Timbers Present	Development Rock Pile Size	Comments
AD–1	5/3/2007	54719.86	34167.53	Collapsed Adit		20'x30'	Collapsed Adit, stone lined wall (?)
AD–2	5/3/2007	54357.27	33309.16	Open Adit		minimal	Open Adit in bedrock, unsupported, trends N
AD–3	5/8/2007	57678.02	35888.56	Collapsed Adit	x	30'x40'	Collapsed Adit in bedrock, few degraded timbers, trends NE
AD–4	5/9/2007	56790.21	35062.60	Capped Adit		large	Adit capped with metal culvert, trending east, (?)
AD–5	5/9/2007	55690.16	35669.50	Collapsed Adit	x	large	Collapsed Adit in bedrock, few degraded timbers, ore chute attached, trends E
AL–UN–1	11/7/2006	59060.75	35714.14	Open Shaft/SW		Ext. 20'	8' x 4' wide, ~25' deep, 6' to BR, several TP down slope
AL–UN–2	11/7/2006	59185.37	34924.15	Open Shaft???	X	100' x 100'	Shaft not visible – only buildings and WR visible
Anaconda?	11/13/2006	57027.02	35911.89	TP/CS???			Looks like small TP. In location of Anaconda shaft.
A–UN–1	11/13/2006	57476.65	35976.83	Slot Mine/Open Stope	X		10' x 30', trends S, 2' to BR
A–UN–10	11/10/2006	57171.12	35464.24	Collapsed Adit/Shaft		Ext. 30'	15' dia., 7' deep
A–UN–11	11/9/2006	57672.74	36447.01	TP			2 Small TP
A–UN–12	11/9/2006	57569.56	36471.18	TP			Small TP
A–UN–13	11/9/2006	57380.25	36186.48	Shaft/Slot Mine			2' – 4' wide, trends SSW
A–UN–14	11/10/2006	57761.14	35718.93	TP/SM			TP/SM
A–UN–15	11/10/2006	57852.42	35770.91	TP/SM			TP/SM
A–UN–16	11/10/2006	57829.45	36127.74	TP/SM		Ext. 10'	TP/SM
A–UN–17	11/10/2006	57732.62	36218.47	Open Shaft/SM		Ext. 15'	7' x 4' x 15' deep, 6' to BR
A–UN–18	11/10/2006	57635.52	36242.63	Open Shafts	Boards		4 closely spaced shafts between A–UN–18 and A–UN–19, 1 timbered. Width from 2' x 2' to 4' x 6'
A–UN–19	11/10/2006	57635.13	36128.45	Open Shafts	Boards		4 closely spaced shafts between A–UN–18 and A–UN–19, 1 timbered. Width from 2' x 2' to 4' x 6'
A–UN–20	11/10/2006	57616.61	36047.66	TP/SM			TP/SM
A–UN–21	11/10/2006	57683.28	36018.89	Slot Mine			
A–UN–22	11/10/2006	57634.65	36004.79	TP			TP
A–UN–23	11/13/2006	56637.93	35803.92	TP/SM			Group of 3 – 5 TP/SM
A–UN–24	11/13/2006	56625.53	35737.39	TP			Small TP
A–UN–25	11/13/2006	56716.45	35684.71	CS/TP		Ext. 5' – 10'	2 small TP or backfilled shafts
A–UN–26	11/13/2006	56813.09	35546.42	TP			TP
A–UN–27	11/13/2006	56874.08	35608.02	SM??		10' dia.	Small WR pile, no obvious source
A–UN–28	11/13/2006	56760.11	35988.97	TP/SM			Cluster of 5 TP/SM, largest 8' x 8' x 7' deep
A–UN–29	11/13/2006	56984.68	35954.86	TP			Small TP
A–UN–30	11/13/2006	56966.20	35883.56	Trench			15' x 4' x 2' deep, trends W
A–UN–31	11/13/2006	57070.29	36125.80	Open Shaft/SM		Ext. 15'	4' x 5' x 20' deep, 6' to BR
A–UN–32	11/13/2006	57167.50	36139.71	TP			3 TP
A–UN–33	11/13/2006	57282.68	36082.20	TP			TP
A–UN–34	11/13/2006	57391.71	36000.94	Slot Mine			45' x 3' – 6' wide, trends W, joins A–UN–5
A–UN–35	11/13/2006	57282.26	35963.29	TP/SM			2 large TP/SM
A–UN–36	11/13/2006	57263.96	35934.81	Open Shaft	X	20' x 20'	2' x 4' wide
A–UN–37	11/13/2006	57312.46	35910.84	Open Shaft	X	?	2 shafts, ~2' x 4' wide
A–UN–38	11/13/2006	57342.73	35886.94	CS	X	?	CS or possibly old building
A–UN–39	11/13/2006	57227.34	35892.13	Slot Mine			10' x 20' x 15' deep, may be partially collapsed
A–UN–4	11/13/2006	57379.52	35986.71	Slot Mine/Open Stope			Trends SW
A–UN–40	11/13/2006	57239.35	35858.80	TP			TP
A–UN–41	11/13/2006	57214.68	35749.48	TP/SM			4 TP/SM
A–UN–42	11/13/2006	57153.99	35763.98	TP/SM			3 TP/SM
A–UN–43	11/13/2006	57160.23	35806.75	TP			2 TP
A–UN–44	11/13/2006	57117.55	35759.34	TP			2 TP
A–UN–45	11/13/2006	57032.53	35759.66	Open Shaft		20' x 20'	3' x 3' wide, 2' to BR
A–UN–46	11/13/2006	56892.99	35793.46	Slot Mine/Open Stope	X		4' x 20' wide, 2' to BR
A–UN–5	11/13/2006	57367.51	36015.28	Slot Mine	X		40' x 1' – 5' wide, trends NNE, 4' to BR
A–UN–7	11/13/2006	57184.79	35873.25	Slot Mine	X		Giant slot (100' long, 3' – 20' wide, very deep), trends S
A–UN–7	11/13/2006	56905.04	35774.40	Slot Mine	X		S end of Anaconda, several side drifts visible
A–UN–8	11/13/2006	56807.37	35632.05	CS/Collapsed Adit		Ext. 10'	Small building remains, CS, or collapsed adit
A–UN–9	11/13/2006	56813.95	35779.50	Trench/Collapsed Adit		15' x 25'	10' x 25' x 5' – 6' deep
A–UN–9	11/13/2006	56814.12	35827.07	TP/SM/Collapsed Drift			10' x 20', trends N/S
BB–UN–1	11/17/2006	55351.56	34448.16	TP/SM		Ext. 10'	8' dia., 3' deep
Bluebell	11/17/2006	55369.90	34481.39	Adit		30' x 15'	Trends N, 5' x 5' wide
Bluebell	11/17/2006	55479.29	34504.78	Adit			Capped with steel grate, trends NNW
Buchanan	11/17/2006	55158.80	38164.12	???		2 piles 15'x15' ea.	WR from Buchanan shaft (directly uphill, outside leach pad)
Burch	11/16/2006	55488.92	35479.93	Open Shaft	Boards	Large – 50' x 100'	Half capped with concrete/steel grate, 3' x 6' wide
Chicken Hawk	11/16/2006	53853.30	34929.30	Open Shaft	Boards	Large – 300' x 300'	Buildings/head frame present. Capped with steel grate.
CH–UN–12	11/16/2006	54363.83	35041.62	TP/SM			5' x 8' x 3' deep
CH–UN–13	11/16/2006	54247.98	34918.36	TP			TP
CH–UN–14	11/16/2006	54120.12	34823.67	Open Shaft	X	50' x 20'	4' x 5' wide, 4' to BR
CH–UN–15	11/16/2006	53797.60	34648.84	Open Stope/Adit	X	20' x 30'	Smaller pits on either side
CH–UN–16	11/16/2006	54157.81	35170.82	Open Shaft		Relatively Small	Partially collapsed, 4' x 4' wide, at least 15' to BR, WR recently disturbed
CH–UN–8	11/16/2006	54284.64	34975.31	Collapsed Adit	X	30' x 40'	Trends SE
CH–UN–9	11/16/2006	54101.26	34657.25	Open Shaft	X	50' x 50'	Trends SE, 3' – 4' to BR
Crayton	11/16/2006	54684.08	36258.29	Open Shaft		20' x 40'	Capped with 10' x 10' steel grate, partially collapsed, located in cone 20' dia., x 5' – 7' deep
C–UN–10	11/13/2006	56846.55	36378.71	Open Shaft	X	30' x 50' (est.)	Large shaft, 7' to BR, at least 5' x 5' wide
C–UN–4	11/10/2006	57247.56	36439.08	Open Shaft	Boards		2' x 4' wide
C–UN–5	11/10/2006	57204.67	36329.83	TP/SM			TP/SM
C–UN–6	11/10/2006	57143.81	36292.00	Open Shaft	Boards		2' x 4' wide
C–UN–7	11/13/2006	56761.65	36417.10	Wall			Old rock wall
C–UN–8	11/13/2006	56943.85	36411.64	Slot Mine/Collapsed Stope	X		Trends NE, 6' to BR, 4' wide, 20' long, trends NE
C–UN–9	11/13/2006	56858.78	36407.22	TP/SM		Ext. 10'	4' to BR
DJ–UN–13	11/16/2006	55107.90	37545.88	CS???	X	40' x 40'	Shaft not visible – only buildings and WR visible
DJ–UN–14	11/16/2006	55127.32	37864.53	Collapsed Adit	X		Trends E
DJ–UN–15	11/17/2006	56266.01	37046.83	SM			In general location of historical adit, 15' dia., 6' deep
DJ–UN–16	11/17/2006	55323.28	36669.78	TP/SM			15' dia., 7' deep
DJ–UN–17	11/17/2006	55377.70	36602.98	TP/SM			15' dia., 8' deep
DJ–UN–18	11/17/2006	55670.16	36854.01	CS/SM			12' dia., 6' deep
DJ–UN–19	11/17/2006	55670.35	36911.09	TP/SM			5' x 15' x 3' – 4' deep
DJ–UN–2	11/17/2006	55991.29	36657.78	Collapsed Adit/Building	X		
DJ–UN–20	11/17/2006	55652.13	36911.16	TP/SM			5' x 10' x 2' – 3' deep
DJ–UN–21	11/17/2006	55591.12	36844.80	Open Shaft/SM			BR at 7', 15' deep, 15' dia., at top, 5' x 4' wide at base
DJ–UN–22	11/17/2006	55554.49	36792.61	Trench/Collapsed Drift/SM	X		TP/SM 15' dia., 6' deep. Adjoining trench or collapsed drift trends SSE, 25' x 10' x at least 10' deep
DJ–UN–23	11/17/2006	55420.52	36683.69	TP/SM			10' x 8' x 5' deep

DJ–UN–24	11/17/2006	55533.24	37596.61	TP/SM			8' dia., 4' deep
DJ–UN–25	11/17/2006	55624.75	37710.44	TP/SM		Ext. 10' – 15'	10' dia., 5' deep
DJ–UN–26	11/17/2006	55461.11	37806.21	TP			Small TP
DJ–UN–27	11/17/2006	55723.11	38024.02	CS	X		Buildings present, WR recently disturbed
DJ–UN–9	11/16/2006	55156.95	37659.86	Adit	X		WR recently disturbed, trends E
Dr. Jackpot	11/17/2006	55207.60	36589.34	Open Shaft			10' x 10' concrete cap
E. Porter	11/7/2006	58545.37	35934.83	Open Shaft		50' x 100'	Huge hole/partially collapsed shaft, 40' dia., at least 15' to BR
GG–UN–10	11/9/2006	60143.17	37731.53	Open Shaft		Ext. 30'	3' – 4' dia, 6'– 7' to BR
GG–UN–11	11/9/2006	58541.22	36458.07	TP			Group of small TP
GG–UN–12	11/9/2006	58504.86	36477.22	TP			Small TP
GG–UN–13	11/9/2006	58474.22	36401.23	TP			Small TP
GG–UN–14	11/9/2006	58358.76	36382.63	TP			15' dia, 8' deep
GG–UN–15	11/9/2006	58413.25	36339.63	TP			3 small TP
GG–UN–16	11/9/2006	58419.10	36287.29	TP			Small TP
GG–UN–17	11/9/2006	58352.45	36330.35	TP			Small TP
GG–UN–18	11/9/2006	58213.06	36392.68	TP			Large TP, channel on south side
GG–UN–19	11/9/2006	58176.56	36383.31	TP			Small TP
GG–UN–20	11/9/2006	58121.84	36369.25	TP			Group of small TP
GG–UN–21	11/9/2006	58212.65	36292.80	Open Shaft	X	Ext. 30'	Partially collapsed
GG–UN–22	11/9/2006	58327.76	36216.28	TP/SM/CS		Ext. 20'	Large TP, SM, or small CS
GG–UN–23	11/9/2006	58297.34	36206.89	TP			2 Small TP
GG–UN–24	11/9/2006	58024.44	36303.01	TP			2 TP, 10' dia., 4' deep
GG–UN–25	11/9/2006	58000.53	36412.51	TP			Small TP
GG–UN–26	11/9/2006	57989.12	36607.56	TP			2 TP, 8' dia., 3' deep
GG–UN–27	11/9/2006	57910.02	36565.04	TP			10' dia., 5' deep
GG–UN–28	11/9/2006	57794.40	36498.88	TP/SM		Ext. 15'	10' dia., 3' deep
GG–UN–29	11/9/2006	57794.09	36422.78	Open Shaft	X	At least 20' x 30'	Partially collapsed
GG–UN–30	11/9/2006	57830.36	36379.85	TP/CS/SM			Continuous line of deep TP, SM, and/or collapsed shafts between GG–UN–29 and GG–UN–30
GG–UN–31	11/9/2006	57842.39	36336.97	TP			Small TP
GG–UN–32	11/9/2006	57799.30	36184.93	TP			TP
GG–UN–33	11/9/2006	57660.16	36337.67	TP/SM			15' dia, 4' deep
GG–UN–34	11/9/2006	57678.64	36404.18	TP			TP
GG–UN–35	11/10/2006	58047.01	35836.79	SM/CS???		Ext. 10'	15' dia., 8' deep
GG–UN–36	11/10/2006	58047.36	35941.44	Open Shaft/SM	X		3' x 4' wide, 7' to BR
GG–UN–37	11/10/2006	58053.53	35955.68	Open Shaft/Stope/SM			2' x 2' wide
GG–UN–38	11/10/2006	58053.58	35965.18	Open Shaft	X		5' x 2' wide
GG–UN–39	11/10/2006	58047.50	35974.74	Open Shaft/Stope/SM			3' x 3' wide
GG–UN–40	11/10/2006	58023.42	36031.90	TP/Small CS, SM			
GG–UN–41	11/10/2006	57963.21	36165.29	Adit	X		Trends NE
GG–UN–42	11/10/2006	57969.64	36260.40	TP/SM			TP/SM
GG–UN–43	11/10/2006	58018.27	36284.02	TP/SM			TP/SM
GG–UN–44	11/10/2006	57878.78	36336.86	TP/SM		Ext. 10'	TP/SM
GG–UN–45	11/10/2006	57908.90	36260.63	TP			TP
GG–UN–46	11/13/2006	57768.23	35999.55	CS???		25' x 25'	No obvious shaft or source of WR
GG–UN–47	11/13/2006	57713.08	35866.56	TP/SM			10' x 15' x 4' deep
GG–UN–7	11/13/2006	57640.03	35809.74	Collapsed Adit???	X	50' x 25'	No obvious shaft or source of WR. Rail lines present.
GG–UN–8	11/7/2006	58315.30	36130.71	Open Shaft	X	?	4' x 3' wide, 6' to BR
GG–UN–8	11/10/2006	58065.19	35822.45	Trench			15' x 25' x 4' deep, trends W
GG–UN–9	11/9/2006	59922.72	37247.24	Open Shaft		Ext. 30'	3' – 4' dia, 1'– 2' to BR
Gilmore	11/16/2006	54878.59	36309.91	CS???	X		Timbers in pit 12' x 12' x 6' deep
Golden Wedge	11/16/2006	54528.30	36824.96	Shaft	X	40' x 40'	Buildings/head frame present. WR recently disturbed.
Grace Greenwood	11/10/2006	58108.68	36098.18	Open Shaft	X	large	Head frame present
G–UN–1	11/16/2006	55005.98	37898.30	Trench/Collapsed Adit		20' x 20'	Trends ESE, 35' x 10' x 5' deep
G–UN–1	11/17/2006	54994.09	37964.94	Trench/Collapsed Adit			40' x 10' x 4' deep, trends WNW
G–UN–2	11/16/2006	54841.36	37713.37	Collapsed Adit/Slot Mine		10' x 15'	Trends ESE, 5' x 10' x 4' deep
G–UN–2	11/17/2006	54696.53	37970.81	Adit	X	30' x 30'	Trends E
G–UN–3	11/16/2006	54841.47	37746.68	TP/SM		Ext. 10'	6' dia., 3' deep
G–UN–4	11/16/2006	54762.40	37723.20	Adit	X	40' x 50'	Trends ESE
G–UN–5	11/16/2006	54805.10	37770.60	Trench			Trends E, 25' x 8' x 4' deep
G–UN–6	11/16/2006	54865.82	37770.38	Open Shaft		Ext. 15'	Partially collapsed, 6' x 4' wide
GW–UN–1	11/16/2006	54723.21	36971.69	CS/SM???	X		Building foundations nearby, hole 10' dia., 4' deep
GW–UN–4	11/16/2006	54674.58	36971.90	CS/SM			15' dia., 6' deep
H–1	5/2/2007	55137.01	35396.67	Building Structure		–	House
H–2	5/2/2007	53846.68	34825.74	Building Structure		–	Small degraded structure 25'x10'
H–3	5/3/2007	55177.91	36276.49	Building Structure		–	Metal frame approximately 25' tall
H–4	5/3/2007	55401.84	36393.49	Building Structure		–	10'x20' degraded stone structure
H–5	5/3/2007	55732.44	38010.59	Building Structure		–	Collapsed wooden structure (shaft remnants?)
H–6	5/3/2007	55669.80	34943.90	Building Structure		–	20'x20' Stone Foundation
Howard	11/14/2006	56200.81	35834.07	Open Shaft			3' x 3' steel and concrete cap
H–UN–10	11/13/2006	56522.22	35709.20	TP			10' dia., 6' deep, trench extends E from TP
H–UN–11	11/13/2006	56444.20	35966.37	TP			TP
H–UN–12	11/13/2006	56444.57	36066.26	TP/SM		Ext. 10'	8' dia., 6' deep
H–UN–13	11/13/2006	56414.50	36142.47	TP			Small TP
H–UN–14	11/14/2006	56189.25	35991.08	TP/SM		Ext. 10'	15' dia., 5' deep
H–UN–15	11/14/2006	56156.50	35344.26	TP/SM			40' x 5' – 20', 8' deep max., trends NE
H–UN–16	11/14/2006	56174.45	35277.61	TP/SM		Ext. 10'	10' dia., 6' deep
H–UN–17	11/14/2006	56301.92	35253.35	Open Shaft	X	50' x 30'	Major shaft, capped with 4' x 6' steel grate, appears ~30' deep
H–UN–18	11/14/2006	56363.02	35362.56	Collapsed Adit/CS???	X		
H–UN–19	11/14/2006	56338.77	35376.92	Trench/Collapsed Drift			20' x 8' x 5' deep
H–UN–20	11/14/2006	56290.42	35429.40	SM/CS???	X		6' x 6' x 2' deep
H–UN–21	11/14/2006	56071.27	35301.79	Adit			Capped with steel grate, trends N
H–UN–22	11/14/2006	56058.80	35206.69	TP/SM			TP/SM, steel in base
H–UN–23	11/14/2006	55925.99	35416.47	Building			Old building foundation
H–UN–5	11/13/2006	56377.82	36076.01	TP/SM			12' dia., 6' deep
H–UN–6	11/13/2006	56352.98	35933.40	SM			10' x 20' x 5' deep, trends N from slot mine. Collapsed adit or drift?
H–UN–7	11/13/2006	56407.30	35842.83	Open Shaft			10' to BR, drift visible trending N
H–UN–8	11/13/2006	56455.30	35676.15	Collapsed Adit???		Ext. 15'	
H–UN–9	11/13/2006	56497.41	35580.88	TP			2 Small TP
International	11/7/2006	58719.60	35425.27	Open Shaft	X	200' x 300'	Buildings/head frame present.
IN–UN–1	11/2/2006	57280.54	33827.55	Open Shaft	X	large – 100s of ft2	Major shaft. Depth not known.
IN–UN–10	11/2/2006	57833.01	33773.23	Open Shaft		20' x 30'	~5' to BR, ~8' dia., depth not known

IN–UN–11	11/2/2006	57729.74	33764.08	TP			4 TP, 5–15' dia., 2–6' deep
IN–UN–12	11/2/2006	57942.35	33787.12	Open Shaft	Boards	20' x 50'	4' x 3' opening, timber remnants of building nearby
IN–UN–13	11/2/2006	57718.37	33982.94	CS	X	50' x 50'	~15' deep, 20' dia
IN–UN–14	11/2/2006	57785.34	34035.02				Center of series of 4 depressions, 3' deep, 7' dia, trends N/S
IN–UN–2	11/2/2006	57407.66	33708.17	TP (4)			10' dia.
IN–UN–3	11/2/2006	57486.69	33722.14	TP			30' x 6' x 4' deep
IN–UN–4	11/2/2006	57444.28	33760.37	TP			Small TP, 5' dia. (5)
IN–UN–5	11/2/2006	57371.71	33836.72	CS (8)	X	large (Index)	
IN–UN–6	11/2/2006	57481.04	33845.84	Lg TP/ CS		Ext. 20'	Open pit 25' dia., 10' deep. 1' to BR
IN–UN–7	11/2/2006	57541.76	33850.39	TP			5' x 10' x 3' deep
IN–UN–8	11/2/2006	57553.47	33726.67	TP/Sm CS		Ext. 10' (veneer)	2 TP 10–15' dia., 4' deep. Several adjacent sm. TP, steel present
IN–UN–9	11/2/2006	57687.05	33711.92	TP			2 TP 10' dia., 4' deep
Jack G.	11/17/2006	55055.71	38202.56	Shaft	X	50' x 50'	Buildings present
Johnson	11/16/2006	54935.45	35244.08	Shaft		Large – 300' x 300'	Concrete cap 10' x 15' located in conical depression 30' dia., 8' deep
JS–UN–10	11/16/2006	54640.07	37485.79	Open Shaft	X	Ext. 15'	2' x 6' wide
JS–UN–2	11/16/2006	54718.08	37228.61	TP/SM		Ext. 10'	15' dia., 7' deep
JS–UN–3	11/16/2006	54730.43	37295.17	TP/SM			20' x 10' x 6' deep
JS–UN–4	11/16/2006	54785.24	37328.26	TP/SM			15' dia., 3' deep
JS–UN–5	11/16/2006	54682.28	37400.00	Trench			Trends SE, 40' x 5' – 8' wide x 2' – 4' deep
JS–UN–6	11/16/2006	54585.00	37381.35	CS	X	Ext. 15'	Cone 15' dia., 4' deep
JS–UN–7	11/16/2006	54602.97	37305.16	TP			4 small TP
JS–UN–8	11/16/2006	54542.73	37438.58	TP			5' x 10' x 3' deep
JS–UN–9	11/16/2006	54573.12	37452.75	TP			10' dia., 4' deep
J–UN–10	11/7/2006	58684.12	35691.76	Open Shaft/Slot mine	X	20' x 30' (est.)	10' – 30' deep, 5' – 9' to BR. NE trending drift joins base of slot/shaft
J–UN–11	11/7/2006	58660.15	35767.94	Collapsed Adit	Boards	?	Trends NE
J–UN–12	11/7/2006	58739.66	35934.14	TP		Ext. 10'	Group of 4 TP, largest is 8' x 8' x 3' deep
J–UN–13	11/7/2006	58878.79	35771.89	Open Shaft	X	50' x 100'	4' x 2' wide
J–UN–14	11/7/2006	58945.48	35738.35	CS		50' x 200' (est.)	
J–UN–15	11/7/2006	58969.21	35595.59	Open Shaft		100' x 100'	Capped with concrete and steel grate
J–UN–3	11/7/2006	58775.61	35791.30	TP/SM/CS		Ext. 15'	15' dia., 5' deep
J–UN–5	11/7/2006	58564.59	36205.88	Collapsed Adit	Boards	40' x 60'	Evidence of timber foundations (Rail?) down slope
J–UN–7	11/7/2006	58649.76	36257.91	Open Shaft/Stope	X	Ext. 30'	5' x 6' wide, more than 20' deep, 6' to BR
J–UN–8	11/7/2006	58612.33	35977.40	TP/SW		Ext. 15'	15' dia., 7' deep
J–UN–9	11/7/2006	58671.60	35587.16	TP or Backfilled SM		Ext. 5'	5' x 8' x 3' deep
Little Giant	11/14/2006	56270.27	36561.62	CS???	X	20' x 30'	No obvious shaft or source of WR
Mattie D.	11/16/2006	55169.80	37854.87	Open Shaft/SM	X		10' x 10' x 20' deep, BR at 5'
MG–UN–11	11/16/2006	54481.38	35640.60	TP/SM			8' dia., 4' deep
MG–UN–12	11/16/2006	54584.91	35711.58	TP/SM		10' x 25'	10' dia., 6' deep
MG–UN–13	11/16/2006	54676.20	35768.33	TP/SM			TP/SM
MG–UN–14	11/16/2006	54707.16	35920.43	TP/SM			TP/SM
MG–UN–15	11/16/2006	54792.38	35986.74	TP/SM			10' dia., 6' deep
MG–UN–16	11/16/2006	54816.51	35934.31	TP/SM			10' dia., 6' deep
MG–UN–17	11/16/2006	54901.54	35943.51	Open Shaft	X	40' x 40' (veneer)	2' x 4' wide, WR recently disturbed
MG–UN–18	11/16/2006	54962.30	35943.28	TP/SM			8' dia., 5' deep
MG–UN–19	11/16/2006	55095.63	35866.68	TP/SM	X		10' dia., 5' deep, timber at base
MG–UN–20	11/16/2006	55089.67	35904.76	TP/SM			15' dia., 4' deep
MG–UN–21	11/16/2006	54665.67	36201.26	TP/SM			8' dia., 3' – 4' deep
MG–UN–22	11/16/2006	54653.34	36148.98	TP			6' dia., 2' – 3' deep
MG–UN–23	11/16/2006	54659.13	36082.37	Trench			20' x 5' x 2' deep
MG–UN–24	11/16/2006	54634.45	35977.80	TP			15' x 25'
MG–UN–25	11/16/2006	54519.07	35973.46	TP/SM			6' dia., 3' deep
MG–UN–26	11/17/2006	55505.06	36554.94	TP/SM			15' dia., 7' deep
MG–UN–27	11/17/2006	55414.17	36612.36	TP			Small TP
MG–UN–28	11/17/2006	55438.47	36607.50	TP/SM			8' x 12' x 3' deep
MG–UN–29	11/17/2006	55481.00	36621.63	Depression/TP			6' x 12' x 2' deep
MG–UN–30	11/17/2006	55535.82	36659.48	Trench			Trends NW, 25' x 5' x 3' – 4' deep
MG–UN–31	11/17/2006	55627.33	36773.30	Collapsed Adit/Stope/	X		Trends SE, 25' x 15' x 15' deep, 3' to BR. 2 drifts connect to main feature – they trend S and E
MG–UN–32	11/17/2006	55840.75	37000.84	TP/SM			10' x 15' x 6' deep
M–UN–2	11/16/2006	54569.81	34902.91	Building/CS	X		No WR pile so likely an old building
M–UN–3	11/16/2006	54424.29	34965.28	TP/SM			6' dia., 3' – 4' deep
M–UN–4	11/17/2006	54538.73	34703.22	Trench/Collapsed Adit		30' x 15'	Trends E
North Star	11/17/2006	55689.98	37286.82	Slot Mine/Collapsed Stope	X		Trends N 50', S 30'. Up to 4' wide at base, 12' wide at top, greater than 30' deep
Peggy	11/14/2006	55915.79	35949.28	Open Shaft			3' x 3' steel and concrete cap
Peterson Poorman	11/17/2006	55623.64	35779.12	Adit			3' x 3' steel grate cover, trends SW
PP–UN–1	11/16/2006	55550.01	35570.08	TP/SM			3 TP/SM, largest is 6' dia., 4' deep
PP–UN–1	11/17/2006	55490.03	35770.08	TP/SM		Ext. 10'	15' dia., 6' deep
PP–UN–2	11/17/2006	55538.64	35779.42	TP/SM			2 TP/SM, largest is 20' x 8' x 5' deep, trends N
P–UN–2	11/17/2006	55442.14	35970.07	CS	X	5' x 10'	Building remains present?
RH–B Shaft	11/3/2006	58172.38	35251.28	Open Shaft		large – 100' x 300'	3' – 9' to BR
RH–UN–1	11/3/2006	58172.11	35175.18	Open Shaft	X	large – 100' x 300'	Major working, ~7' colluvium + 3' WR (7) above BR
RH–UN–10	11/3/2006	58262.75	35055.95	TP			Small TP
RH–UN–11	11/3/2006	58244.48	35036.97	TP			Small TP
RH–UN–12	11/3/2006	58177.72	35046.73	Open Shaft	X	large – ext. 50'	~4' x 4' wide, 3' WR, 6' Colluvium to BR
RH–UN–13	11/3/2006	58189.77	35022.90	Open Shaft/SW		large – ext. 50'	~6' to BR, 5' x 10' x 20' deep
RH–UN–14	11/3/2006	58213.88	34970.49	Depression			5' x 5' x 2' deep, steel at base
RH–UN–15	11/3/2006	58189.49	34946.80	Open Shaft		Ext. 30'	~4' to BR, 4' x 5' wide
RH–UN–16	11/3/2006	58195.34	34880.19	TP			4 TP, largest 9' dia, 3' deep
RH–UN–17	11/7/2006	58075.53	35332.49	Backfilled Shaft/TP			8' x 5' x 5' deep. Backfilled shaft, TP, or from road construction
RH–UN–18	11/7/2006	58125.30	35655.75	TP			Group of small TP
RH–UN–19	11/7/2006	58300.76	35479.12	TP/SW		Ext. 10'	Large TP or SW
RH–UN–2	11/3/2006	58202.29	35122.74	Depression/ CS		large – 100' x 300'	Depression ~10' x 6' x 4' deep. Given area and WR, may be CS
RH–UN–20	11/7/2006	58458.59	35459.51	Backfilled Shaft/TP		30' x 30' (veneer)	In BR, 6' x 6' x 3' deep
RH–UN–3	11/3/2006	58202.20	35098.96	Open Shaft		large – 100' x 300'	Narrow (5' x 2' opening) partially collapsed shaft, 6' to BR
RH–UN–4	11/3/2006	58196.03	35075.21	Open Shaft	X	large – 100' x 300'	Opening 6' x 4', 3' WR + 6' colluvium to BR
RH–UN–5	11/3/2006	58208.37	35122.72	Structure		large – 100' x 300'	Small (4.5' tall) wood and steel shack

LEGEND:

- EXISTING BUILDING
- DEEP OR TIMBERED SHAFT
- OPEN OR COLLAPSED ADIT
- TEST PIT OR CONICAL SURFACE WORKING
- DEPRESSION
- ROAD CUT, SAMPLE LOCATION, OR FEATURE OF INTEREST
- COLLAPSED SHAFT
- TRENCH
- SLOT MINE OR OPEN/COLLAPSED STOPE
- SHALLOW SHAFT OR SURFACE WORKING
- HISTORIC BUILDING REMAINS

NOTES:

1. THIS DRAWING IS FOR INFORMATION PURPOSES ONLY.
2. TABLES INCLUDE WORKINGS THAT HAVE BEEN REMEDIATED.

COLORADO REGISTERED PROFESSIONAL ENGINEER JAY N. JANNEY-MOORE 37571 9-12-18

REV	DATE	DESCRIPTION	TECH	ENG
0	9–12–2018	ISSUED FOR CONSTRUCTION	JHP	JNM

APPROVED BY: JNM
CHECKED BY: JNM
DESIGNED BY: JHP
DRAWN BY: JHP

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NewFields

CLIENT: CRIPPLE CREEK & VICTOR GOLD MINING COMPANY

PROJECT: SQUAW GULCH VLF PHASE 2

TITLE: TABLE OF HISTORIC UNDERGROUND WORKINGS SHEET 1 OF 3

FILENAME: 0106.027.012T
DRAWING NO.: A32
REVISION: 0

P:\Projects\0106.027 Squaw Gulch VLF Phase 2 Design\A–CAD\DWGS\0106.027.012T.dwg–9/11/2018 4:42 PM

RH-UN-6	11/3/2006	58208.23	35089.44	Depression/ CS		large – 100' x 300'	Depression ~8' dia., 4' deep. Given area and WR, may be CS
RH-UN-7	11/3/2006	58262.98	35113.01	Depression			5' dia., 2' deep
RH-UN-8	11/3/2006	58287.27	35117.68	Depression/TP			5' x 8' x 3' deep
RH-UN-9	11/3/2006	58299.42	35117.64	Depression/TP			5' x 10' x 3' deep
Ritten House	11/7/2006	58142.93	35493.96	CS	X	Large – 100' x 100'	Major shaft, buildings collapsed into shaft
S-1	5/2/2007	55440.28	35611.75	Collapsed Shaft		Regraded Spoil	Bureau of Reclamation Marker
S-10	5/8/2007	58256.45	35977.36	Open Shaft	x	30' dia	Open Shaft in bedrock, few degraded timbers, appears to trend north at 20'
S-11	5/8/2007	58269.88	36033.11	Open Shaft	x	minimal	Open Shaft in bedrock, few timbers and debris (Covered in Snow)
S-12	5/8/2007	58747.23	36253.81	Collapsed Shaft		minimal	Collapsed Shaft in bedrock, collapsed at 13' deep, unsupported
S-13	5/8/2007	58781.90	35987.64	Collapsed Shaft		minimal	Collapsed Shaft in soil, collapsed at 5' opening 10' dia, unsupported
S-14	5/8/2007	58910.21	36032.92	Collapsed Shaft		large	Collapsed Shaft in fragmented bedrock, opening 8' dia, large stockpile downhill
S-16	5/9/2007	58398.32	34892.95	Open Shaft	x	10'x20'	Open Shaft in soil, degraded cribbing collapsed to 7'
S-17	5/9/2007	58457.21	34853.23	Collapsed Shaft		40'x30'	Collapsed Shaft in fragmented bedrock, unsupported
S-2	5/2/2007	53469.25	34259.70	Open Shaft	x	–	Open Shaft, in bedrock at 8', competent timber to 8' , deeper than 25'
S-4	5/3/2007	55578.29	36835.84	Collapsed Shaft		minimal	Collapsed Shaft in bedrock, open to 15' deep, unsupported
S-5	5/3/2007	55343.93	37218.03	Collapsed Shaft	x	minimal	Collapsed Shaft in soil, open to 12' deep, unsupported, few timbers and pipes
S-6	5/3/2007	55478.39	34767.62	Collapsed Shaft		–	Rock lined Collapsed Shaft or well
S-7	5/3/2007	54370.98	33414.16	Collapsed Shaft		10'x30'	Collapsed Shaft in bedrock, open to 10' deep, unsupported
S-8	5/4/2007	54900.73	34820.01	Collapsed Shaft		Regraded Spoil	Collapsed Shaft in regraded spoil pile, fenced off
S-9	5/4/2007	55650.80	36280.49	Collapsed Shaft	x	Regraded Spoil	Collapsed Shaft (Adit?), several buried and loose degraded timbers
TP-1	5/2/2007	55380.04	35401.92	Test Pit		minimal	20'x10' Pit, 5' deep, fragmented bedrock at 2'
TP-10	5/2/2007	54133.91	35109.87	Test Pit		minimal	25'x20' Pit, 3' deep, fragmented bedrock at 1/2'
TP-11	5/2/2007	54666.75	35271.16	Test Pit		–	20'x15' Pit, possible subsidence?
TP-12	5/2/2007	54610.86	35258.33	Test Pit		–	25'x10' Pit, 2' deep
TP-13	5/2/2007	54286.97	35480.10	Test Pit		minimal	12'x12' Pit, 4' deep, fragmented bedrock at 4'
TP-14	5/3/2007	54844.55	35963.06	Test Pit		minimal	15' dia Pit, 3' deep
TP-15	5/3/2007	54850.81	35907.21	Test Pit		minimal	10' dia Pit, fragmented bedrock at 3'
TP-16	5/3/2007	55008.63	35942.47	Test Pit	x	–	15' dia Pit, 2' deep, few decomposed timbers, depression?
TP-17	5/3/2007	55246.87	35671.91	Test Pit	x	–	10' dia Pit, 3' deep, debris and few decomposed timbers
TP-18	5/3/2007	55499.25	36189.37	Test Pit		10'x15'	20'x20' Pit, 5' deep, fragmented bedrock at 3'
TP-19	5/3/2007	55415.12	38232.32	Test Pit		20'x20'	15'x20' Pit, 8' deep, fragmented bedrock at 3'
TP-20	5/3/2007	54396.87	33345.06	Test Pit		10'x10'	12'x6' Pit, 4' deep, fragmented bedrock at 2'
TP-21	5/3/2007	54393.55	33338.51	Test Pit		6'x6'	10'x10' Pit, 2' deep, fragmented bedrock at 2'
TP-23	5/3/2007	54432.92	33331.73	Test Pit		10'x10'	15'x15' Pit, 4' deep, fragmented bedrock at 3'
TP-24	5/3/2007	54083.89	33760.52	Test Pit		minimal	20'x10' Pit, 5' deep
TP-25	5/8/2007	56627.68	35368.87	Test Pit		Regraded Spoil	30' dia Pit, 15' deep
TP-26	5/8/2007	56440.00	35878.87	Test Pit		8'x8'	10' dia Pit, 3' deep, fragmented bedrock at 3'
TP-27	5/8/2007	56896.85	35955.20	Test Pit		minimal	15x5' and 10'x5' Pits, 3' deep, bedrock at 1'
TP-28	5/8/2007	57416.85	36169.10	Test Pit		minimal	20'x5' Pit, 3' deep, bedrock at 1'
TP-29	5/8/2007	57507.18	36477.28	Test Pit		10'x5'	20'x8' Pit, 4' deep, bedrock at 1'
TP-3	5/2/2007	54032.22	34525.91	Test Pit		–	30'x10' Depression, Possible Tunnel Subsidence?
TP-30	5/8/2007	57527.28	36549.41	Test Pit		minimal	20'x10' Pit, 5' deep, fragmented bedrock at 3'
TP-33	5/8/2007	58546.55	35581.74	Test Pit		minimal	15'x10' Pit, 4' deep
TP-34	5/8/2007	58406.96	35878.03	Test Pit		20'x10'	15' dia Pit, 8' deep, fragmented bedrock at 7'
TP-35	5/8/2007	57244.37	35851.51	Test Pit		Regraded Spoil	7' dia Pit, 6' deep, bedrock at 5', fenced
TP-36	5/8/2007	57074.44	36003.49	Test Pit		minimal	6' dia Pit, fragmented bedrock at 3'
TP-37	5/9/2007	56957.91	33895.95	Test Pit		20'x8'	15' dia Pit, 8' deep
TP-38	5/9/2007	57645.39	34112.23	Test Pit		10'x10'	20'x10' Pit, 7' deep
TP-39	5/9/2007	58417.97	34278.79	Test Pit		5'x10'	10' dia Pit, 5' deep, bedrock at 3'
TP-40	5/9/2007	59024.30	34669.54	Test Pit		30'x20'/30'x30'	25' dia Pit, 10' deep, fragmented bedrock at 3'
TP-41	5/9/2007	58510.95	35072.95	Test Pit		5'x10'	12' dia Pit, cut in hillside, bedrock at 5'
TP-42	5/9/2007	58191.51	34903.93	Test Pit		10'x5'	20' dia Pit, 5' deep, fragmented bedrock at 3'
TP-43	5/9/2007	58280.34	34936.28	Test Pit		10'x15'	15' dia Pit, 9' deep, fragmented bedrock at 2'
TP-44	5/9/2007	58459.89	34741.57	Test Pit		8'x4'	8' dia Pit, 3' deep
TP-45	5/9/2007	55646.92	35567.94	Test Pit		–	
TP-5	5/2/2007	53506.59	34482.79	Test Pit		10' dia	15'x10' Pit, bedrock at 3 to 4'
TP-6	5/2/2007	53549.47	34518.68	Test Pit		minimal	20' dia Pit, 5' deep
TP-7	5/2/2007	53530.34	34623.87	Test Pit		minimal	15'x10' Pit, 3' deep
TP-8	5/2/2007	53619.89	34787.57	Test Pit		10'x20'	15'x15' Pit, 6' deep
TP-9	5/2/2007	53836.70	34802.81	Test Pit		minimal	20'x10' Pit, 3' deep, fragmented bedrock at 1'
TR-1	5/3/2007	55685.84	37291.70	Trench	x	large	90'x20' Trench, 20' deep, bedrock at 6', few degraded timbers
TR-2	5/4/2007	54069.18	33471.63	Trench		50' dia	50'x15' Trench, 5' deep, fragmented bedrock present
TR-4	5/4/2007	55723.00	36273.53	Trench	x	minimal	100'x20' Trench in bedrock, 30' deep, competent cribbing above trench
TR-5	5/8/2007	56722.59	35309.24	Trench		60'x6'	60'x7' Trench, 4' deep, fragmented bedrock at 3'
UN-1	11/2/2006	57321.34	35030.84	Open Shaft	Boards	Small	~25' deep, 6' to BR(1), Appears relatively recent
UN-10	11/2/2006	58387.92	34403.85	TP			Small TP
UN-100	11/14/2006	57538.45	34606.69	TP			TP
UN-101	11/14/2006	57040.94	34741.69	Collapsed Adit	X		Trends N/NE, 12' to BR
UN-102	11/14/2006	56871.42	34880.25	TP/SM		Ext. 15'	15' dia., 4' deep
UN-103	11/14/2006	57023.17	34865.43	TP			TP
UN-104	11/14/2006	57180.78	34784.00	TP			2 TP
UN-105	11/14/2006	57278.06	34821.70	TP			3 small TP
UN-106	11/14/2006	57254.10	34902.64	TP/SM		30' x 40'	20' dia, 10' deep
UN-107	11/14/2006	56939.05	35113.10	TP/SM		Ext. 15'	10' dia., 6' deep
UN-108	11/14/2006	56866.27	35141.91	TP			TP
UN-109	11/14/2006	56963.11	35051.17	TP/SM		Ext. 10'	TP/SM
UN1-1	11/14/2006	56325.00	34929.82	Open Shaft			Capped with concrete and steel grate
UN-11	11/2/2006	58399.10	34132.68	TP/ Small CS		Ext. 5'	15' dia., 7' deep
UN-110	11/14/2006	56926.60	35022.75	TP			TP
UN-111	11/14/2006	56902.17	34989.55	TP			TP
UN-112	11/14/2006	56732.51	35090.05	TP			TP
UN-113	11/14/2006	56738.49	35066.24	Pipe			30" steel pipe, trends E
UN-114	11/14/2006	56556.55	35138.27	TP/SM		Ext. 15'	15' dia., 8' deep
UN-115	11/14/2006	56605.61	35261.76	TP			3 TP
UN-116	11/14/2006	56551.04	35295.27	Slot Mine/Trench			25' x 8' x 4' deep, trends E
UN-117	11/14/2006	56466.24	35357.41	Slot Mine/Trench			10' x 5' x 3' deep, trends E
UN-118	11/14/2006	54444.14	35412.39	Open Shaft			2' x 2' wide, 12' to BR
UN-119	11/14/2006	56447.29	35162.47	Trench/Collapsed Adit			40' x 10' x 5' deep, trends E
UN1-2	11/14/2006	56300.80	34953.69	Adit			Capped with 3' x 3' concrete and steel grate, trends W
UN-12	11/2/2006	58277.35	34052.26	Trench		15' x 15'	N end of N/S trending trench. 5–15' wide, 50' long
UN-120	11/14/2006	56471.20	35048.20	TP			TP
UN-121	11/14/2006	56707.78	34980.75	???		20' x 40'	No obvious source of WR. Surface excavation?

UN-122	11/15/2006	55569.54	34257.07	TP/SM		Ext. 10'	12' dia., 4' deep
UN-123	11/15/2006	54899.84	33802.81	TP/Slot Mine			3' x 7' x 8' deep, 1' to BR
UN-124	11/15/2006	54881.51	33769.58	TP/Slot Mine			Trends S, 5' x 20' x 3' deep
UN-125	11/15/2006	55075.80	33764.13	Open Shaft/SM			6' x 3.5' x ~25' deep, 0.5' to BR
UN-126	11/15/2006	55137.15	33930.40	TP/SM		Ext. 5' – 10'	10' dia., 5' deep, 0.5' to BR
UN-127	11/15/2006	55483.73	34048.08	Adit		20' x 25'	Trends WNW, 0.5' to BR
UN-128	11/15/2006	55526.35	34081.24	TP/Slot Mine			10' x 5' x 3' deep, 0.5' to BR
UN-129	11/15/2006	55593.37	34147.59	TP			TP
UN-13	11/2/2006	58563.12	34151.13	TP/SW		Ext. 5'	7' dia., 10' deep. Surrounded by group of smaller TP
UN-130	11/15/2006	55672.42	34171.09	TP			TP
UN-131	11/15/2006	55630.14	34237.84	TP			TP
UN-132	11/15/2006	55721.11	34199.45	Open Shaft/SM	Boards	15' x 25'	3' x 6' x ~25' deep
UN-133	11/15/2006	55745.35	34180.33	TP			TP
UN-134	11/15/2006	56000.00	34070.01	Open Shaft/SM	Boards	20' x 20'	5' x 6' wide, ~30' deep, 1' to BR
UN-135	11/15/2006	55969.60	34060.60	TP			TP
UN-136	11/15/2006	56425.16	34082.74	TP			2 TP
UN-137	11/15/2006	55829.99	34070.61	TP/SM		5' x 10'	4' x 4' x 4' deep, 0.5' to BR
UN-138	11/15/2006	55744.96	34070.92	TP/SM			4 TP/SM, three 5' x 5' x 3' deep, one 4' x 4' x 2' deep
UN-139	11/15/2006	55355.74	33920.10	TP/SM		5' x 10'	4' x 5' x 5' deep, 0.5' to BR
UN-14	11/2/2006	58666.60	34212.57	Small Shaft or SW		Ext. 5'	10' wide, 18' deep, 4' to BR. Surrounded by smaller TP
UN-140	11/15/2006	55349.37	33839.26	Open Shaft	Boards	Ext. 10'	2.5' x 5' wide
UN-141	11/15/2006	55616.48	33814.52	TP			8' x 8' x 3' deep
UN-142	11/15/2006	55586.35	33876.46	Open Shaft	X	Ext. 15'	5' x 6' wide, 0.5' to BR
UN-143	11/15/2006	55701.38	33766.63	Trench			10' x 30' x 2' – 9' deep, trends SE
UN-144	11/15/2006	55695.25	33761.90	TP/SM			10' dia., 6' deep
UN-145	11/15/2006	55865.79	33904.01	TP			2 TP, 8' x 8' x 3' – 4' deep
UN-146	11/15/2006	55926.81	33970.36	TP/SM			3 TP/SM, 8' x 8' x 4' – 5' deep
UN-147	11/15/2006	55999.11	33822.65	TP			2 TP
UN-149	11/15/2006	56120.88	33898.31	TP			10' x 10' x 3' deep
UN-15	11/2/2006	58763.83	34221.72	Slot mine or road cut			Cut ~20' wide on average, extends 100s of ft, trends E/W
UN-150	11/15/2006	56127.17	33960.13	TP			10' x 10' x 3' deep
UN-151	11/15/2006	56181.94	33993.23	TP			10' x 10' x 3' deep
UN-152	11/15/2006	56176.00	34031.31	TP/SM			10' x 7' x 4' deep
UN-153	11/15/2006	56358.34	34078.23	TP			TP
UN-154	11/15/2006	56388.75	34078.11	TP			TP
UN-155	11/15/2006	56400.65	34025.76	TP/SM			4' x 4' x 4' deep
UN-156	11/15/2006	56431.19	34063.68	TP/SM		Ext. 10'	10' dia., 5 deep
UN-157	11/15/2006	56491.90	34058.71	TP			TP
UN-158	11/15/2006	56485.87	34077.77	TP			TP
UN-159	11/15/2006	56449.22	34016.05	TP			TP
UN-16	11/2/2006	58642.70	34322.06	TP			Group of 5 to 10 5' dia, 3–6' deep TP. Group trends E/W
UN-160	11/15/2006	56455.20	33992.26	TP			TP
UN-161	11/15/2006	56454.66	33840.03	SM			20' x 10' x 12' deep, 0.5' to BR
UN-162	11/15/2006	56485.15	33873.22	Open Shaft	X	Ext. 10'	~4' x 6' wide, 0.5' to BR
UN-163	11/15/2006	56576.53	33948.99	Trench			25' x 6' x 2' – 3' deep
UN-164	11/15/2006	56691.96	33972.38	TP			TP
UN-165	11/15/2006	56904.82	34047.70	TP/SM		Ext. 10'	15' dia., 5' deep, flanked by 3 small TP
UN-166	11/15/2006	56881.08	34204.77	TP			TP
UN-167	11/15/2006	56771.30	34067.21	TP			TP
UN-168	11/15/2006	56637.79	34091.47	TP			TP
UN-169	11/15/2006	56619.65	34129.61	TP			TP
UN-17	11/2/2006	58685.90	34512.16	TP			Small TP
UN-170	11/15/2006	56625.82	34153.38	Open Shaft	X	Ext. 10'	4' x 4' wide, 4' to BR
UN-171	11/15/2006	56638.01	34162.83	TP			TP
UN-172	11/15/2006	56638.06	34172.35	TP			TP
UN-173	11/15/2006	56662.20	34134.20	TP			TP
UN-174	11/15/2006	56552.47	34020.44	TP/SM			12' dia, 4' deep, trench extends South (25' x 8' x 4' deep)
UN-175	11/15/2006	56552.88	34134.61	TP/SM			TP/SM
UN-176	11/15/2006	56565.16	34163.09	TP/SM			TP/SM
UN-177	11/15/2006	56595.47	34153.48	TP/SM			TP/SM
UN-178	11/15/2006	56407.31	34177.93	TP/SM		Ext. 10'	2 TP/SM, 10' x 10' x 4' deep
UN-179	11/15/2006	56377.09	34225.62	TP/SM		Ext. 10'	10' x 15' x 5' deep
UN-18	11/2/2006	58552.33	34522.16	TP/SM		30' x 30' (veneer)	10' dia., 6' deep
UN-180	11/15/2006	56462.27	34258.60	TP			TP
UN-181	11/15/2006	56504.81	34272.72	TP/SM		Ext. 10'	2 TP/SM, 10' dia., 4' deep
UN-182	11/15/2006	56723.64	34329.02	TP/SM		Ext. 10'	15' dia., 6' deep
UN-183	11/15/2006	56377.89	34439.66	Trench			30' x 8' x 3' – 4' deep, trends W
UN-184	11/15/2006	56341.29	34392.23	TP/SM			3 TP/SM
UN-185	11/15/2006	56201.39	34340.42	TP/SM		Ext. 15'	10' x 20' x 6' deep
UN-186	11/15/2006	56213.66	34373.67	TP/SM			10' x 5' x 4' deep
UN-187	11/15/2006	56310.09	34164.02	TP/SM			TP/SM
UN-188	11/15/2006	56139.76	34079.00	Depression/TP			10' x 5' x 2' deep
UN-189	11/15/2006	56079.05	34098.27	Adit		10' x 25'	Trends N, 3' x 3' wide opening, 1' to BR
UN-19	11/2/2006	58564.57	34550.65	TP			Small TP
UN-190	11/15/2006	56067.97	34383.70	Open Shaft	Boards	15' x 15'	3' x 5' wide, 1' to BR
UN-191	11/15/2006	56062.25	34478.86	TP			TP
UN-192	11/15/2006	55983.59	34560.02	Open Shaft/SM	X	50' x 15'	3' x 5' wide, 1' to BR
UN-193	11/15/2006	55947.17	34560.14	Adit	X	50' x 15'	Trends N, stoped out inside, 1' to BR
UN-194	11/15/2006	55953.45	34621.96	TP			TP
UN-195	11/15/2006	56147.68	34592.72	TP/SM		Ext. 10' max	Group of 4 – 5 TP/SM, largest is 6' x 10' x 6' deep
UN-196	11/15/2006	56201.92	34478.36	TP/SM			5' x 8' x 7' deep, 1' to BR
UN-197	11/15/2006	56226.21	34473.50	TP/SM			5' x 10' x 5' deep
UN-198	11/15/2006	56323.52	34515.96	CS	X	Ext. 10'	Timbers in pit 15' x 15' x 3' deep
UN-199	11/15/2006	56347.89	34544.44	TP/SM			3 TP/SM, largest is 15' dia., 4' deep
UN-2	11/2/2006	57513.88	34535.44	Small Shaft or SW (2)		Ext. 10' (3)	~10' deep, BR near base of excavation
UN-20	11/2/2006	58297.54	34594.42	TP			Small TP
UN-200	11/15/2006	56451.11	34529.78	TP/SM			10' x 10' x 4' deep
UN-201	11/15/2006	56584.50	34467.45	TP			2 small TP
UN-202	11/15/2006	56536.23	34567.54	TP			2 small TP
UN-203	11/15/2006	56403.23	34734.50	TP/SM		10' x 10'	10' dia., 5' deep
UN-204	11/15/2006	56293.73	34677.82	TP			Small TP
UN-205	11/15/2006	56275.61	34701.66	TP			Small TP

UN-206	11/15/2006	56263.55	34725.49	Trench		10' x 20'	Trends S, 20' x 4' x 2' deep
UN-207	11/15/2006	56209.04	34763.73	TP/SM		10' x 10'	10' dia., 5' deep
UN-208	11/15/2006	56178.68	34768.61	Trench		10' x 20'	Trends W, 10' x 25' x 3' – 8' deep
UN-209	11/15/2006	56172.31	34687.77	TP			TP
UN-21	11/2/2006	58297.35	34551.63	TP			Small TP
UN-210	11/15/2006	55703.64	34404.06	Open Shaft		25' x 25'	1' to BR, 25' deep, cone shaped (15' dia. at top, 6' dia. at base)
UN-211	11/15/2006	55752.29	34422.92	SM		10' x 15'	5' x 8' x 5' deep
UN-212	11/15/2006	55861.69	34441.53	TP			Small TP
UN-213	11/15/2006	55904.28	34460.41	TP			Small TP
UN-214	11/15/2006	55916.16	34384.25	Slot Mine		15' x 25'	Trends N, 30' x 10' x 2–5' deep, 1' to BR
UN-215	11/15/2006	55964.19	34241.38	Slot Mine		10' x 10'	Trends NE, 20' x 5' x 3' deep
UN-216	11/15/2006	56024.81	34212.62	TP			2 small TP
UN-217	11/15/2006	55934.67	34474.58	TP/SM		Ext. 10'	7' dia., 6' deep, 1' to BR
UN-218	11/15/2006	56662.97	34348.27	TP			TP
UN-219	11/15/2006	56579.26	34705.31	TP/SM			10' dia.
UN-22	11/2/2006	58181.96	34547.28	TP			10' dia, 3' deep
UN-220	11/15/2006	56288.10	34796.75	TP/SM			10' dia., 3' deep
UN-221	11/15/2006	56069.44	34792.80	TP			TP
UN-222	11/15/2006	56081.41	34745.19	TP			TP
UN-223	11/15/2006	55837.67	34522.50	TP/SM			10' dia., 4' deep, 1' to BR
UN-224	11/15/2006	55826.00	34650.98	TP/SM			2 TP/SM, largest 10' dia., 4' deep
UN-225	11/15/2006	55893.17	34750.63	TP/SM			12' dia., 5' deep
UN-226	11/15/2006	55990.47	34793.09	TP/SM			15' dia., 4' deep
UN-227	11/15/2006	56069.70	34868.92	Shaft		Large – 50' x 100'	10' x 10' concrete cap with steel grate, 1' to BR
UN-228	11/15/2006	56209.35	34849.37	TP/SM		Ext. 10'	Continuous line of TP/SM between UN-228 and UN-229, trends NNW
UN-229	11/15/2006	56282.24	34858.62	SM/Small CS	X	Ext. 15'	Second SM located ~20' N
UN-23	11/3/2006	57812.92	34929.14	Open Shaft	X	large – 100' x 300'	Small building present, located in 5–10' cut, timbers @ bedrock.
UN-230	11/15/2006	56439.88	34786.69	TP/SM		10' x 10'	6' x 10' x 4' deep
UN-231	11/15/2006	56197.72	34992.11	Collapsed Adit	X		Trends W
UN-232	11/16/2006	54106.61	34447.90	TP/SM		Ext. 5' – 10'	8' dia., 3' – 4' deep
UN-233	11/16/2006	53827.39	34486.98	TP/SM			3 TP/SM, largest is 10' dia., 4' deep
UN-234	11/16/2006	53985.46	34543.50	TP/SM			TP/SM
UN-235	11/16/2006	55198.19	35690.30	TP/SM		Ext. 10'	7' dia., 3' deep
UN-236	11/16/2006	55094.94	35685.92	Trench			3 Trenches, ~100' long each, 2 trend E, 1 trends SSE, 5' wide, 3' deep
UN-237	11/16/2006	54894.32	35624.80	Trench			Trends S, at least 200' long, 6' wide, 3' deep
UN-238	11/16/2006	54754.53	35601.55	CS	Boards	Ext. 10'	3' x 5' wide, 6' to BR, 12' deep (may be collapsed, deeper)
UN-239	11/16/2006	54602.56	35559.28	SM/CS???		15' x 30'	Conical hole/depression 15' dia., 6' deep
UN-24	11/3/2006	57929.18	35166.55	TP			2 Small TP
UN-240	11/16/2006	54176.53	35308.71	Shaft???	X	200' x 200' (veneer)	Shaft not visible – only buildings and WR visible
UN-241	11/16/2006	54961.38	35695.92	Building/CS	X		Old building or possibly collapsed shaft/SM
UN-242	11/16/2006	54421.50	35869.17	Open Shaft	X		~4' x 4' wide, ~6' to BR
UN-243	11/16/2006	54385.39	35959.69	TP/SM			10' dia., 6' deep
UN-244	11/16/2006	54446.18	35968.97	TP			2 small TP
UN-245	11/16/2006	54506.96	35987.78	TP/SM		Ext. 10'	10' dia., 6' deep
UN-246	11/16/2006	54488.99	36049.68	TP			Small TP
UN-247	11/16/2006	54434.54	36111.74	TP			4 small TP
UN-248	11/16/2006	54391.74	36026.25	TP			Small TP
UN-249	11/16/2006	54501.40	36120.99	Open Shaft	X	10' x 25'	Capped by steel grate, 2' x 4' wide
UN-25	11/3/2006	57898.03	34957.38	TP			4 Small TP
UN-250	11/16/2006	54471.40	36216.24	TP/SM			8' dia., 3' deep
UN-251	11/16/2006	54550.16	36173.15	SM/Slot Mine/CS	X	Ext. 15'	BR at 4'
UN-252	11/16/2006	54598.89	36211.03	TP/SM			15' dia., 6' deep
UN-253	11/16/2006	54551.24	36468.10	TP/SM			15' dia., 4' – 5' deep
UN-254	11/16/2006	54899.36	36990.08	TP/SM			10' dia., 5' deep
UN-255	11/16/2006	54930.40	37175.50	CS	X	20' x 30'	7' dia., 8' deep
UN-256	11/16/2006	54634.33	37576.20	Collapsed Adit	X		Trends SE. Perpendicular trench/depression trends SW 25' and NE more than 50'. Feature is 10' wide x 3' – 5' deep
UN-257	11/17/2006	54562.87	37947.52	Trench			Trends E, 30' x 6' x 3' deep
UN-258	11/17/2006	54563.09	38004.60	???		20' x 30'	No obvious, nearby source of WR
UN-259	11/17/2006	54526.69	38019.01	Trench		20' x 15'	Trends E 30', W 20'. 8' wide x 6' deep
UN-26	11/3/2006	57926.95	34562.48	TP			15' dia., 4–5' deep
UN-260	11/17/2006	54453.67	37981.23	TP/SM			8' dia., 4' deep
UN-261	11/17/2006	54368.47	37938.74	Trench			Very long. Trends towards 300°, 5' wide x 2' deep
UN-262	11/17/2006	54319.53	37843.79	TP			2 TP
UN-263	11/17/2006	54422.69	37819.61	TP			2 TP
UN-264	11/17/2006	54477.29	37809.89	TP			TP
UN-265	11/17/2006	54483.26	37781.33	TP			TP
UN-266	11/17/2006	54537.72	37728.79	TP/Trench			15' x 5' x 3' deep, intersected by longer trench trending 330°
UN-267	11/17/2006	54574.38	37785.74	Open shaft	X	10' x 10'	Partially collapsed, 4' x 6' wide
UN-268	11/17/2006	54562.39	37823.84	TP/SM			10' dia., 4' deep
UN-269	11/17/2006	54580.64	37833.29	TP/SM			10' dia., 4' deep
UN-27	11/3/2006	57994.88	34861.88	TP			10' x 20' x 5' deep, 6' x 6' x 3' deep
UN-270	11/17/2006	54629.22	37833.11	Trench			Trends SW, 5' wide, 2' – 3' deep, greater than 50' long
UN-271	11/17/2006	54482.78	37652.89	TP/SM			10' dia., 4' deep
UN-272	11/17/2006	54506.96	37619.49	TP			4 TP
UN-273	11/17/2006	54579.76	37595.43	Collapsed Adit	X		Trends E
UN-274	11/17/2006	54458.21	37567.33	Open Shaft/SM			10' dia., 10 deep, 4' to BR
UN-275	11/17/2006	55344.59	35861.01	TP/SM		Ext. 10'	15' dia., 7' deep
UN-276	11/17/2006	55350.95	35937.10	Level Platform			10' x 20' x 4' – 5' cut (uphill) and fill (downhill)
UN-277	11/17/2006	55589.84	34837.35	TP/SM			10' dia., 4' deep
UN-278	11/17/2006	55144.37	34253.87	Open Shaft		30' x 50'	Capped with steel grate
UN-279	11/17/2006	54889.27	34245.27	Adit		40' x 15'	Partially walled off with rock, trends N, 4' x 5' wide partially collapsed, 4' x 2' wide. WR upslope indicates additional workings (not visible)
UN-28	11/3/2006	58037.75	34975.90	TP			6' x 8' x 5' deep
UN-280	11/17/2006	54804.05	34183.73	TP			15' x 5' x 2' deep
UN-281	11/17/2006	54408.46	33947.30	Trench/Collapsed Adit		35' x 15'	2 features. Trend SSE
UN-282	11/17/2006	54396.86	34104.33	Trench/Collapsed Adit		40' x 30'	Trends SSW
UN-283	11/17/2006	54446.16	34299.20	???		30' x 10'	No obvious, nearby source of WR
UN-284	11/17/2006	54434.18	34351.57	CS/SM		Ext. 15'	10' dia., 6' deep. Small TP 20' upslope
UN-285	11/17/2006	54325.06	34399.54	TP/SM			10' dia., 4' deep
UN-286	11/17/2006	54349.46	34427.99	Trench			Trends NW, at least [illegible] long, 8' wide x [illegible] deep
UN-287	11/17/2006	54368.04	34527.82	TP/SM		Ext. 15'	15' dia., 7' deep

LEGEND:

- EXISTING BUILDING
- DEEP OR TIMBERED SHAFT
- OPEN OR COLLAPSED ADIT
- TEST PIT OR CONICAL SURFACE WORKING
- DEPRESSION
- ROAD CUT, SAMPLE LOCATION, OR FEATURE OF INTEREST
- COLLAPSED SHAFT
- TRENCH
- SLOT MINE OR OPEN/COLLAPSED STOPE
- SHALLOW SHAFT OR SURFACE WORKING
- HISTORIC BUILDING REMAINS

NOTES:

1. THIS DRAWING IS FOR INFORMATION PURPOSES ONLY.
2. TABLES INCLUDE WORKINGS THAT HAVE BEEN REMEDIATED.

COLORADO REGISTERED PROFESSIONAL ENGINEER
JAY N. JANNEY-MOORE
37571
9-12-18

REV	DATE	DESCRIPTION	TECH	ENG
0	9-12-2018	ISSUED FOR CONSTRUCTION	JHP	JNM

APPROVED BY: JNM
CHECKED BY: JNM
DESIGNED BY: JHP
DRAWN BY: JHP

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NewFields

CLIENT: CRIPPLE CREEK & VICTOR GOLD MINING COMPANY

PROJECT: SQUAW GULCH VLF PHASE 2

TITLE: TABLE OF HISTORIC UNDERGROUND WORKINGS SHEET 2 OF 3

FILENAME: 0106.027.013T

DRAWING NO.: A34

REVISION: 0

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UN-288	11/17/2006	54483.44	34532.16	TP/SM			2 TP/SM, largest 15' x 5' x 3' deep
UN-289	11/17/2006	54821.29	33907.75	Adit			Capped with steel grate, trends NW
UN-29	11/3/2006	58133.95	34699.66	TP			6' x 6' x 2' deep
UN-3	11/2/2006	58143.17	33891.02	TP			Group of 5 or 6 TP, 8' dia., up to 4' deep
UN-30	11/3/2006	58328.53	34765.54	TP			20' x 20' x 8' deep
UN-31	11/3/2006	58995.56	34487.25	Open Shaft	X	large – ext. 50'	Partially collapsed, 4' x 2' wide. WR upslope indicates additional workings (not visible)
UN-32	11/3/2006	58867.42	34321.24	TP			Group of 4 small TP
UN-33	11/3/2006	58753.19	34640.33	TP			2 TP or small borrow pits, 5' x 10' x 5' deep
UN-34	11/3/2006	58705.61	34916.37	CS/Large TP		Ext. 20'	20' dia, 10' deep
UN-35	11/3/2006	58905.04	34649.30	TP			Small TP
UN-36	11/3/2006	58856.40	34630.44	TP			Group of 4 small TP
UN-37	11/3/2006	58796.00	34721.03	TP			4' x 6' x 4' deep
UN-38	11/3/2006	58807.56	34568.80	TP			Small TP
UN-39	11/3/2006	55893.33	36444.08	CS	X	Large – 50' x 100'	Shaft not visible – only buildings and WR visible
UN-4	11/2/2006	58173.78	33962.26	Small Shaft or SW		Ext. 10'	~15' deep, 5' to BR, 8' dia.
UN-40	11/7/2006	58366.51	35193.49	Open Shaft/Stope		Ext. 20'	~20–25' deep, BR at 7'
UN-41	11/7/2006	58330.48	35098.26	Open Shaft	Boards	Ext. 30'	4' x 2' wide, 8' or more to BR, 30' deep
UN-42	11/7/2006	58408.37	35012.50	Open Shaft/SW		Ext. 15'	4' x 4' wide, 5' to BR, 10' deep
UN-43	11/7/2006	59026.85	34748.74	CS	X	50' x 50' (est.)	Likely a CS. Could also be building remains
UN-44	11/7/2006	58930.97	35105.82	CS	X	40' x 100'	Cone 20' dia., 8' deep. BR not visible
UN-45	11/7/2006	58718.33	35073.29	TP			10' dia., 4' deep
UN-46	11/7/2006	58627.17	35059.36	TP			10' dia., 4' deep
UN-47	11/7/2006	58621.57	35183.03	TP			10' dia., 4' deep
UN-48	11/10/2006	57467.99	35263.36	Shaft/SM		Ext. 20'	Small backfilled shaft or SM, 6' dia., 6' to BR, 8' deep
UN-49	11/10/2006	57510.05	35144.30	TP		Ext. 10'	10' dia., 4' deep
UN-5	11/2/2006	57998.45	34176.93	Depression			Small TP
UN-50	11/10/2006	57645.13	35548.12	TP			8' dia., 3' deep
UN-51	11/10/2006	57681.57	35547.98	TP/SM			10' x 20' x 5' deep
UN-52	11/10/2006	57553.80	35491.38	TP/SM			Group of ~8 TP or small SM
UN-53	11/10/2006	57432.08	35410.95	TP			Group of 4 TP, largest is 8' x 8' x 3' deep
UN-54	11/10/2006	57444.40	35458.47	Depression			5' x 10' x 2' – 3' deep, trends SE
UN-55	11/10/2006	57450.21	35387.10	Open Shaft			4' wide, 4' to BR, ~20' deep
UN-56	11/10/2006	57335.17	35487.41	Depression			5' x 10' x 2' deep
UN-57	11/10/2006	57317.26	35568.34	TP			8' x 5' x 3' deep
UN-58	11/10/2006	57250.42	35554.31	TP/SM			8' x 20' x 5' deep
UN-59	11/10/2006	57256.41	35530.51	TP/SM			Continuous line of TP or SM between UN-59 and UN-60, 10–15' wide, 4' deep
UN-6	11/2/2006	58077.44	34190.92	Depression			3 depressions, 5' dia., 2–3' deep
UN-60	11/10/2006	57195.50	35483.17	TP/SM			Continuous line of TP or SM between UN-59 and UN-60, 10–15' wide, 4' deep
UN-61	11/10/2006	57268.28	35463.88	TP			TP
UN-62	11/10/2006	57243.95	35454.47	TP			TP
UN-63	11/10/2006	57322.41	35320.99	Open Shaft/SM	X	Ext. 10'	4' x 3' x 15' deep, 5' to BR
UN-64	11/10/2006	57292.04	35325.86	TP			Small TP
UN-65	11/10/2006	57304.33	35349.58	Trench			2' deep, extends ~50' E
UN-66	11/10/2006	57364.21	35125.81	TP			1 TP
UN-67	11/10/2006	57121.44	35159.98	TP			3 TP
UN-68	11/10/2006	57030.53	35212.64	TP			2 TP
UN-69	11/10/2006	56988.46	35336.48	TP			2 TP
UN-7	11/2/2006	58144.43	34243.00	TP/SW	1 Post	small	3 TP or small SW
UN-70	11/10/2006	57134.95	35535.72	Trench/TP/Depression			Extends ~50' SE, 1' – 2' deep
UN-71	11/10/2006	57189.86	35606.87	TP			1 TP
UN-72	11/10/2006	57190.17	35687.72	TP/SM			2 TP/SM
UN-73	11/10/2006	57232.81	35720.86	TP/SM			TP/SM
UN-74	11/10/2006	57293.28	35649.29	CS/SM		Ext. 10'	Small CS or SM
UN-75	11/10/2006	57396.34	35610.88	TP/SM		Ext. 10'	Group of 4 TP/SM, largest 5' x 15' x 3' – 4' deep
UN-76	11/10/2006	57511.78	35619.96	TP			TP
UN-77	11/10/2006	57481.06	35520.18	TP/SM			TP/SM
UN-78	11/10/2006	57621.27	35671.89	TP/SM			TP/SM
UN-79	11/10/2006	57593.13	36271.31	TP/SM			TP/SM
UN-8	11/2/2006	58296.63	34351.85	SW/Small CS	2 Posts	flat fan 50' x 50'	12' dia, 9' deep
UN-80	11/10/2006	57471.22	36157.61	TP			TP
UN-81	11/10/2006	57544.20	36176.36	TP			TP
UN-82	11/10/2006	57308.10	36372.24	TP			TP
UN-83	11/13/2006	56608.95	36184.59	TP/SM			10' dia., 6' deep
UN-84	11/13/2006	56700.13	36198.50	CS???		20' x 20'	No obvious shaft or source of WR. 2 depressions/TP upslope (collapsed adit?)
UN-85	11/13/2006	56669.52	36132.03	TP			8' dia., 3' – 4' deep
UN-86	11/13/2006	56803.00	36093.47	TP			2 small TP
UN-87	11/13/2006	56997.93	36254.48	TP			Small TP
UN-88	11/13/2006	57149.63	36220.62	TP			2 TP
UN-89	11/13/2006	57463.54	35720.03	TP			TP
UN-9	11/2/2006	58278.85	34466.07	TP/SM			4' x 15' x 2' deep, steel present
UN-90	11/13/2006	57469.27	35615.35	TP			TP
UN-91	11/14/2006	56409.96	34915.25	TP/SM		10' x 10'	In W side of hill
UN-92	11/14/2006	56537.15	34819.64	TP/SM		Ext. 10'	15' dia, 5' deep
UN-93	11/14/2006	56658.51	34781.13	TP			TP
UN-94	11/14/2006	56664.58	34781.11	TP			TP
UN-95	11/14/2006	56803.82	34666.45	Trench			40' x 4' deep, trends N
UN-96	11/14/2006	57362.21	34578.80	TP			TP
UN-97	11/14/2006	57161.56	34512.94	TP			TP
UN-98	11/14/2006	57405.27	34721.33	TP			2 TP
UN-99	11/14/2006	57550.78	34658.98	TP			TP

LEGEND:

- EXISTING BUILDING
- DEEP OR TIMBERED SHAFT
- OPEN OR COLLAPSED ADIT
- TEST PIT OR CONICAL SURFACE WORKING
- DEPRESSION
- ROAD CUT, SAMPLE LOCATION, OR FEATURE OF INTEREST
- COLLAPSED SHAFT
- TRENCH
- SLOT MINE OR OPEN/COLLAPSED STOPE
- SHALLOW SHAFT OR SURFACE WORKING
- HISTORIC BUILDING REMAINS

NOTES:

1. THIS DRAWING IS FOR INFORMATION PURPOSES ONLY.
2. TABLES INCLUDE WORKINGS THAT HAVE BEEN REMEDIATED.

COLORADO REGISTERED
JANNEY-MOORE
37571
PROFESSIONAL ENGINEER
9-12-18

REV	DATE	DESCRIPTION	TECH	ENG
0	9-12-2018	ISSUED FOR CONSTRUCTION	JHP	JNM

APPROVED BY: JNM
CHECKED BY: JNM
DESIGNED BY: JHP
DRAWN BY: JHP

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CLIENT: CRIPPLE CREEK & VICTOR GOLD MINING COMPANY

PROJECT: SQUAW GULCH VLF PHASE 2

TITLE: TABLE OF HISTORIC UNDERGROUND WORKINGS SHEET 3 OF 3

FILENAME: 0106.027.014T

DRAWING NO.: A36

REVISION: 0

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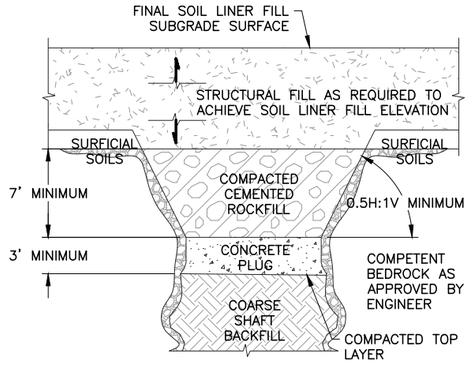
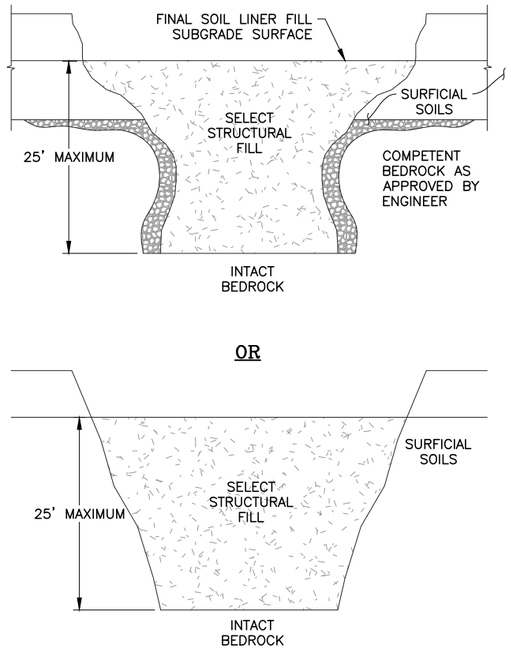


1 A38 SHAFT/STOPE REMEDIATION DETAIL

SHAFT/STOPE REMEDIATION NOTES:

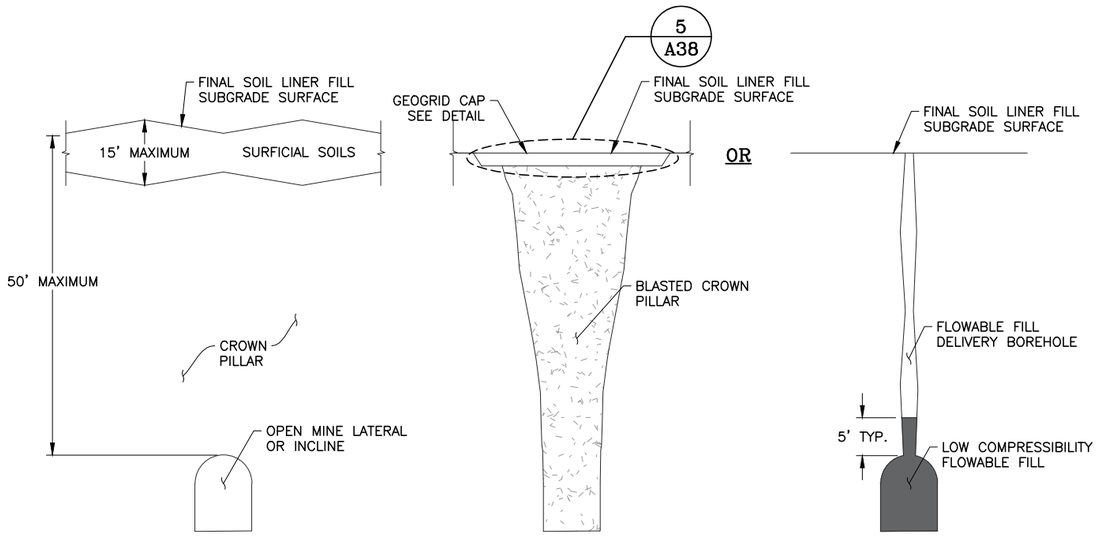
1. ROCK SURFACE WITHIN SHAFT SHALL BE SCALED TO REMOVE LOOSE MATERIAL PRIOR TO CONCRETE PLUG AND CEMENTED ROCKFILL PLACEMENT.
2. CONTRACTOR TO CONSTRUCT 7' MINIMUM CEMENTED ROCKFILL IN EITHER COMPETENT BEDROCK OR SURFICIAL SOILS.
3. CONTRACTOR TO EXCAVATE PREVIOUSLY COLLAPSED SHAFTS/STOPES TO APPROXIMATELY 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.



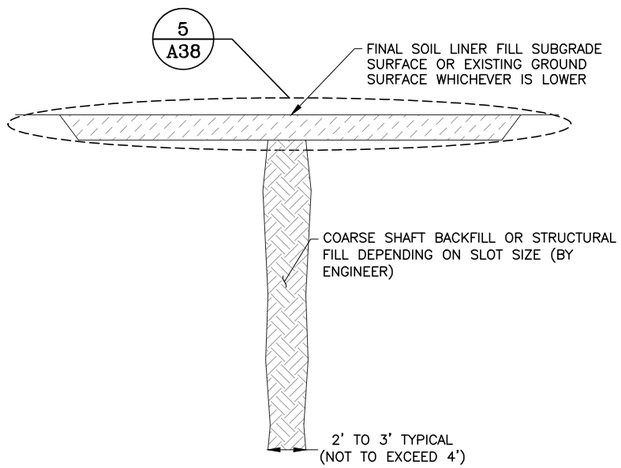
2 A38 SHALLOW SHAFT REMEDIATION DETAIL

SHALLOW SHAFT REMEDIATION NOTES:

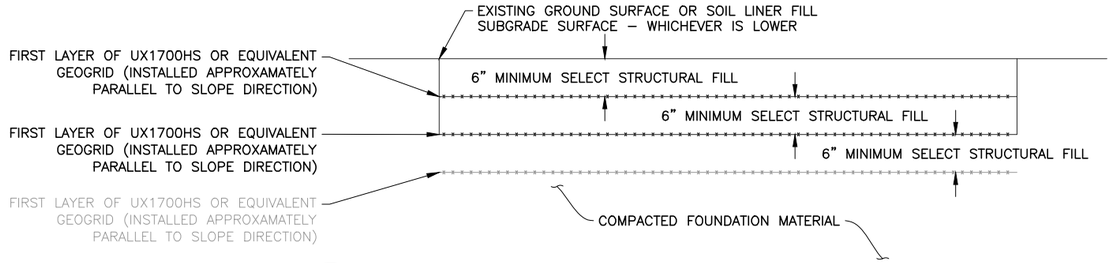
1. COMPACT SELECT STRUCTURAL FILL USING METHOD SPECIFICATION APPROVED BY THE ENGINEER.
2. SELECT STRUCTURAL FILL MAY BE REPLACED WITH STRUCTRUAL FILL PER THE PROJECT SPECIFICATIONS.



3 A38 OPEN LATERAL REMEDIATION DETAIL



4 A38 OPEN MINED SLOT REMEDIATION DETAIL



5 A38 GEOGRID CAP INSTALLATION DETAIL (TYP.)

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 DETERMIN3D DURING REMEDIATION.
3. GEOGRID CAP TO EXTEND MINIMUM 15 FEET BEYOND MINE WORKING LIMIT.

COLORADO REGISTERED JAY N. JANNEY-MOORE PROFESSIONAL ENGINEER 37571 9-12-18

REV	DATE	DESCRIPTION	TECH	ENG
0	9-12-2018	ISSUED FOR CLIENT REVIEW	JHP	JNM

APPROVED BY: JNM
CHECKED BY: JNM
DESIGNED BY: JHP
DRAWN BY: JHP

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CLIENT: CRIPPLE CREEK & VICTOR GOLD MINING COMPANY

PROJECT: SQUAW GULCH VLF PHASE 2

TITLE: UNDERGROUND WORKING REMEDIATION TYPICAL DETAILS

FILENAME: 0106.027.016D
DRAWING NO.: A38
REVISION: 0

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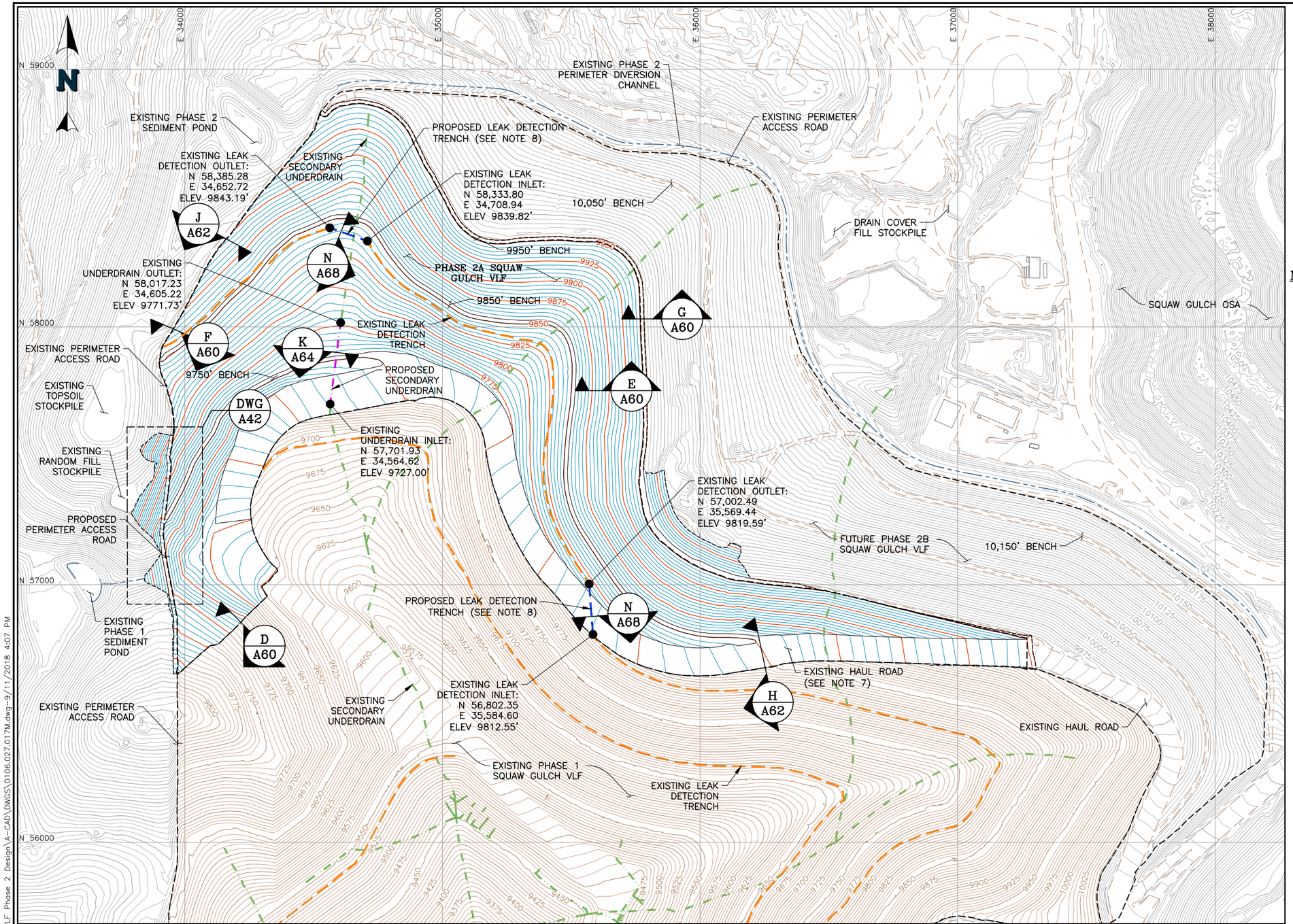

0 200 400 FEET

LEGEND:

- EXISTING GROUND CONTOURS (2017 FLYOVER)
- AS-BUILT PHASE 1 TOP OF SLF GROUND CONTOURS
- PROPOSED PHASE 2A GROUND CONTOURS
- EXISTING ROADS/TRAILS
- EXISTING DRAINAGES
- SQUAW GULCH VLF PHASE LIMITS
- EXISTING LEAK DETECTION
- PROPOSED LEAK DETECTION
- EXISTING UNDERDRAIN
- PROPOSED SECONDARY UNDERDRAIN

NOTES:

1. PROPOSED CONTOURS REPRESENT TOP OF SOIL LINER FILL WITHIN THE GEOMEMBRANE LIMITS AND FINISHED GRADE EVERYWHERE ELSE.
2. THE GEOMEMBRANE LIMITS IS SHOWN ON DRAWING A50.
3. ALL FINISHED SLOPES WITHIN THE GEOMEMBRANE LIMITS SHALL BE SHALLOWER THAN A 2H:1V SLOPE OR 1.5H:1V SLOPE OUTSIDE THE GEOMEMBRANE LIMITS, UNLESS APPROVED BY THE ENGINEER OR THE OWNER.
4. IN AREAS WHERE 1' OR LESS OF CUT IS REQUIRED TO ACHIEVE THE PROPOSED SUBGRADE SURFACE ELEVATION WITHIN THE GEOMEMBRANE LIMITS, THE EXISTING NATURAL GROUND SURFACE CAN BE CONSIDERED TOP OF SUBGRADE WITH THE APPROVAL OF THE ENGINEER OR THE OWNER.
5. IF EXCESS CUT IS PRESENT AFTER THE MASS EARTHWORK IS COMPLETED, THE CONTRACTOR CAN SPREAD AND COMPACT THE EXCESS MATERIAL AS RANDOM FILL WITHIN THE SHALLOW AREAS OF THE PAD AS DIRECTED BY THE ENGINEER.
6. OVERSIZED AND UNACCEPTABLE MATERIAL WHICH CAN NOT BE USED AS RANDOM FILL WILL BE HAULED OFF THE PAD AND STOCKPILED IN AN AREA PROVIDED BY THE OWNER.
7. THE CONTRACTOR SHALL PLACE FILL ON THE EXISTING HAUL ROAD AND IN THE EXISTING ROADSIDE DITCH TO PROMOTE POSITIVE DRAINAGE (A MINIMUM OF 2% SLOPE) TOWARDS THE EXISTING PHASE 1 PAD.
8. WHEN CONNECTING THE PROPOSED LEAK DETECTION TRENCH TO THE EXISTING LEAK DETECTION TRENCH, SEE DETAIL P ON A68.

COLORADO REGISTERED JAY N. JANNEY-MOORE 37571 PROFESSIONAL ENGINEER 9-12-18

Reference:

NEWMONT PROVIDED THE 2017 FLYOVER DATA TO NEWFIELDS ON DEC. 14, 2017 IN THE FOLLOWING FILES: "MM173664_Topo_Plan-sheet1-final.DWG" and "MM173664_Topo_Plan-sheet2-final.DWG"

NEWMONT PROVIDED THE AS-BUILT PHASE 1 TOP OF SLF SURFACE TO NEWFIELDS ON SEPT. 21, 2016 IN A FILE CALLED "MLE2 VLF Clay MEQ September 2016 (9-14-16).DWG"

REV	DATE	DESCRIPTION	TECH	ENG
0	9-12-2018	ISSUED FOR CONSTRUCTION	JHP	JNM

APPROVED BY: JNM
CHECKED BY: JNM
DESIGNED BY: JHP
DRAWN BY: JHP

DISCLAIMER

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NewFields

CLIENT: CRIPPLE CREEK & VICTOR GOLD MINING COMPANY

PROJECT: SQUAW GULCH VLF PHASE 2

TITLE: PHASE 2A GRADING PLAN

FILENAME: 0106.027.017M

DRAWING NO.: A40

REVISION: 0

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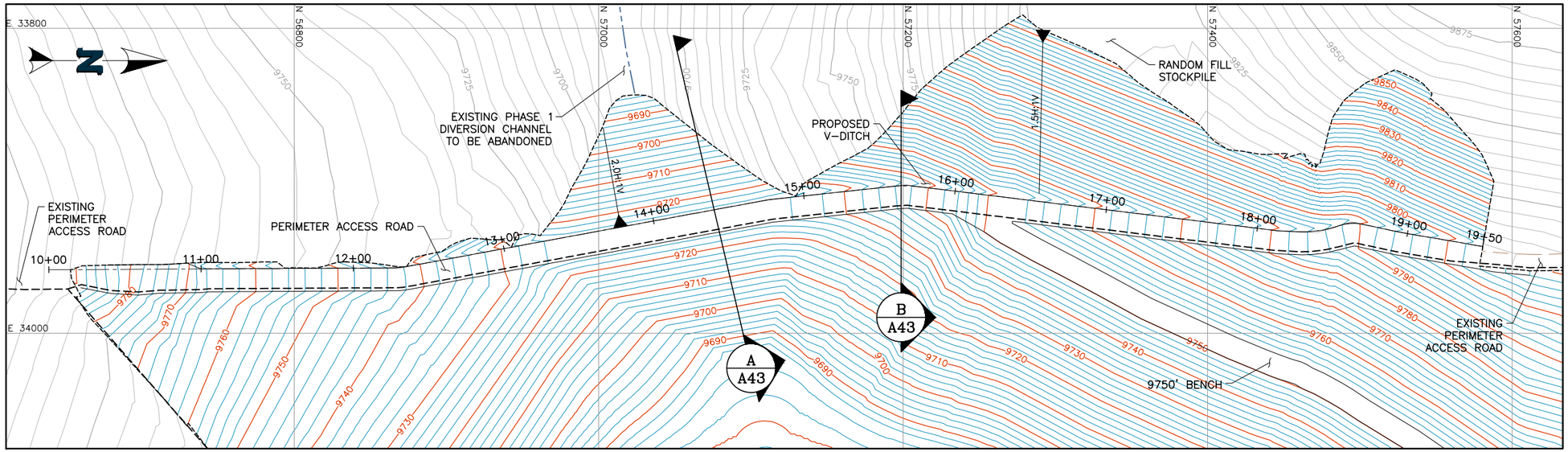

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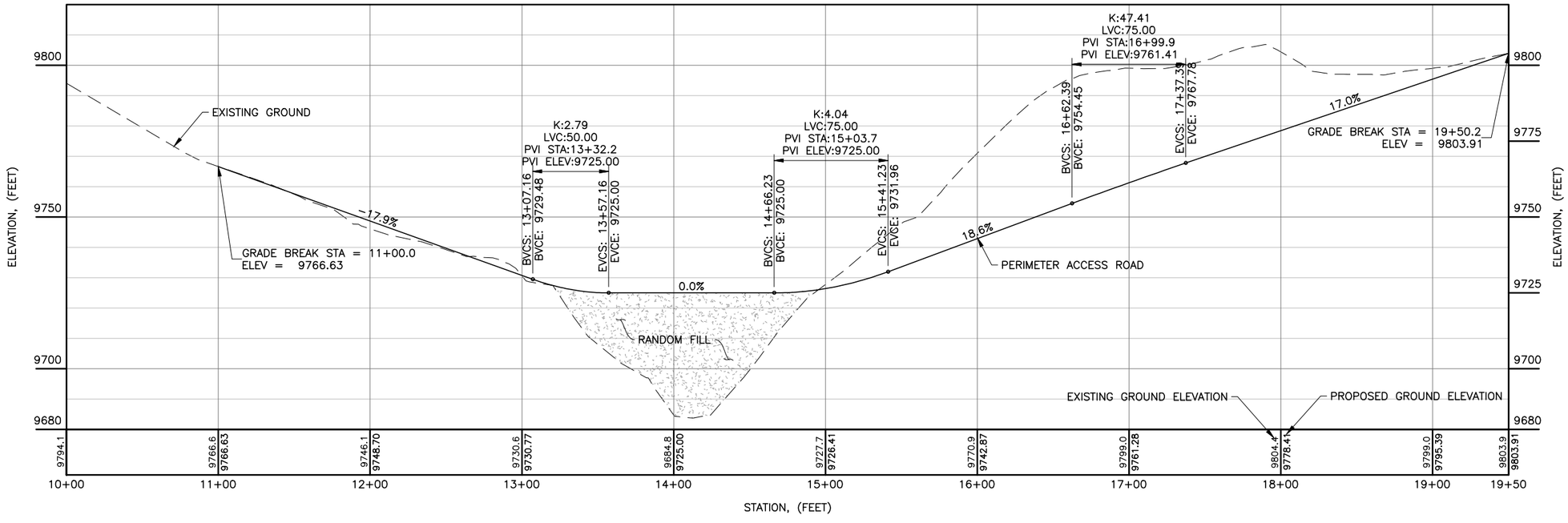

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LEGEND:

- EXISTING GROUND CONTOURS
- PROPOSED PHASE 2A GROUND CONTOURS
- EXISTING ROADS/TRAILS
- EXISTING DRAINAGES
- SQUAW GULCH VLF PHASE LIMITS

NOTES:

1. PROPOSED CONTOURS REPRESENT TOP OF SOIL LINER FILL WITHIN THE GEOMEMBRANE LIMITS AND FINISHED GRADE EVERYWHERE ELSE.
2. THE GEOMEMBRANE LIMITS IS SHOWN ON DRAWING A50.
3. ALL FINISHED SLOPES WITHIN THE GEOMEMBRANE LIMITS SHALL BE SHALLOWER THAN A 2H:1V SLOPE OR 1.5H:1V SLOPE OUTSIDE THE GEOMEMBRANE LIMITS, UNLESS APPROVED BY THE ENGINEER OR THE OWNER.
4. IN AREAS WHERE 1' OR LESS OF CUT IS REQUIRED TO ACHIEVE THE PROPOSED SUBGRADE SURFACE ELEVATION WITHIN THE GEOMEMBRANE LIMITS, THE EXISTING NATURAL GROUND SURFACE CAN BE CONSIDERED TOP OF SUBGRADE WITH THE APPROVAL OF THE ENGINEER OR THE OWNER.
5. IF EXCESS CUT IS PRESENT AFTER THE MASS EARTHWORK IS COMPLETED, THE CONTRACTOR CAN SPREAD AND COMPACT THE EXCESS MATERIAL AS RANDOM FILL WITHIN THE SHALLOW AREAS OF THE PAD AS DIRECTED BY THE ENGINEER.
6. OVERSIZED AND UNACCEPTABLE MATERIAL WHICH CAN NOT BE USED AS RANDOM FILL WILL BE HAULED OFF THE PAD AND STOCKPILED IN AN AREA PROVIDED BY THE OWNER.
7. ALIGNMENT SETTING OUT DATA TABLE IS SHOWN ON DRAWING A43.

COLORADO REGISTERED PROFESSIONAL ENGINEER
JAY N. JANNEY-MOORE
37571
9-12-18

Reference:
NEWMONT PROVIDED THE 2017 FLYOVER DATA TO NEWFIELDS ON DEC. 14, 2017
IN THE FOLLOWING FILES: "MM173664_Topo_Plan-sheet1-final.DWG" and
"MM173664_Topo_Plan-sheet2-final.DWG"

REV	DATE	DESCRIPTION	TECH	ENG
0	9-12-2018	ISSUED FOR CONSTRUCTION	JHP	JNM

APPROVED BY: JNM
CHECKED BY: JNM
DESIGNED BY: JHP
DRAWN BY: JHP

DISCLAIMER
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NewFields

CLIENT: CRIPPLE CREEK & VICTOR GOLD MINING COMPANY
PROJECT: SQUAW GULCH VLF PHASE 2
TITLE: PHASE 2A PERIMETER ACCESS ROAD PLAN AND PROFILE
FILENAME: 0106.027.025P
DRAWING NO.: A42
REVISION: 0

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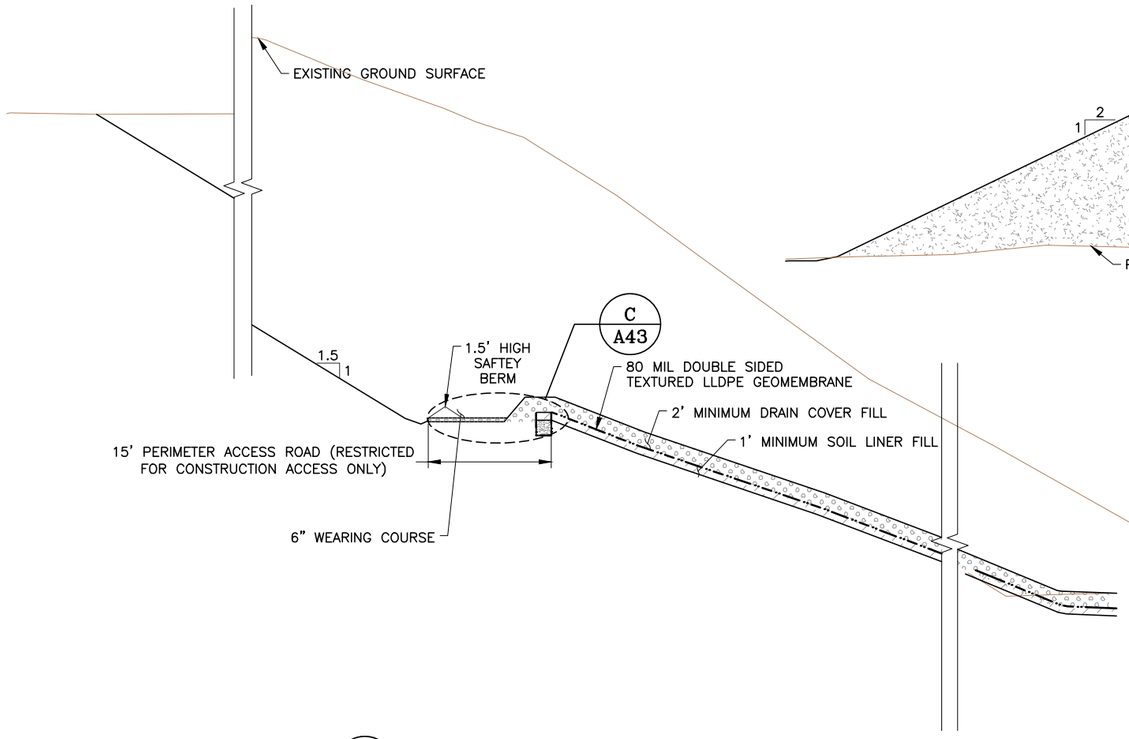
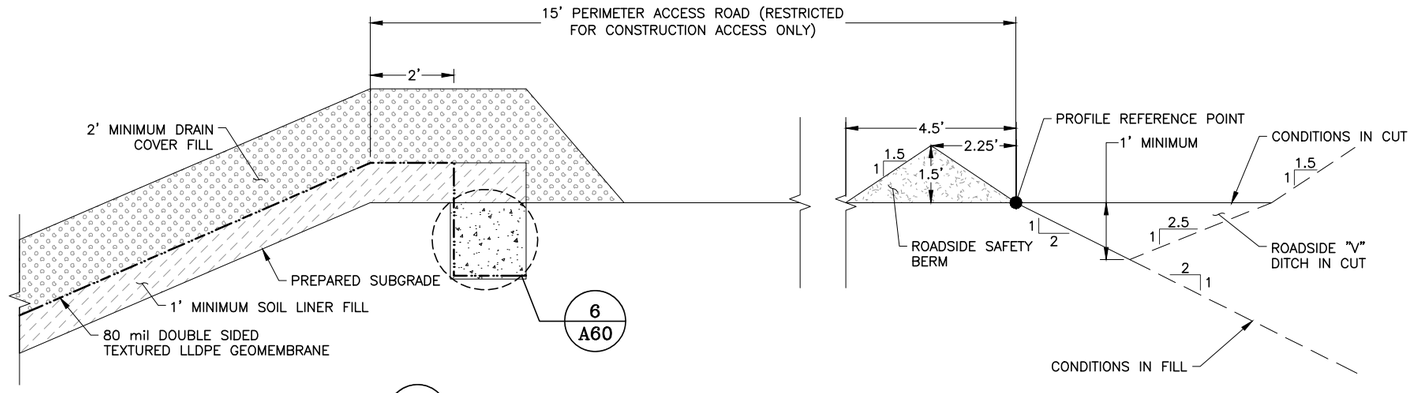
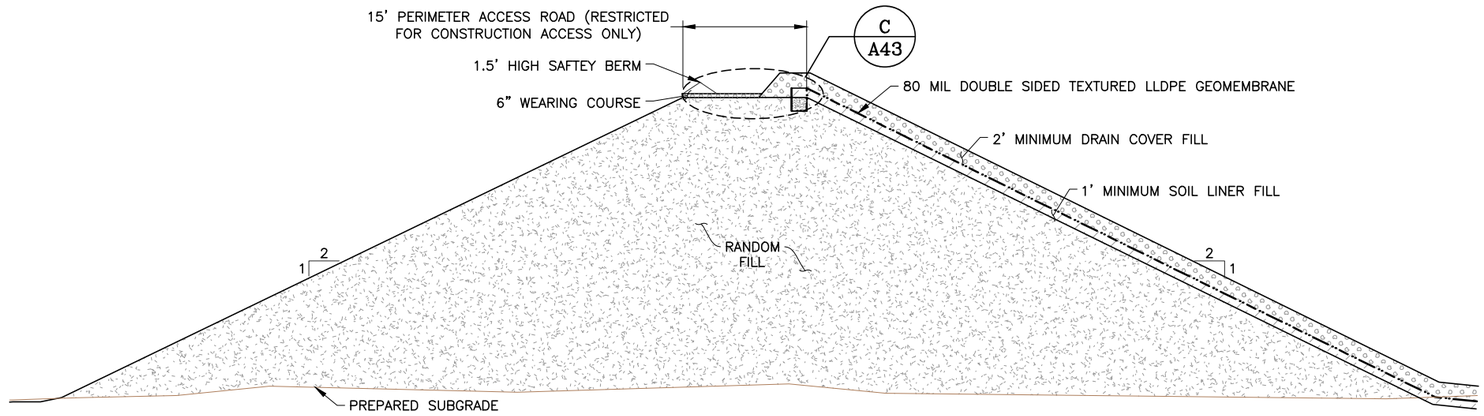


B A42 PHASE 2A PERIMETER ROAD CUT CROSS SECTION



C A43 PHASE 2A PERIMETER ROAD CUT CROSS SECTION



A A42 PHASE 2A PERIMETER ROAD FILL CROSS SECTION

ALIGNMENT TABLE

	STATION	NORTHING	EASTING	DELTA (D-M-S)	LENGTH (FT)	RADIUS (FT)
PT	10+00.00	56,638.87	33,958.38			
PC	12+21.42	56,860.28	33,957.24	010-09-52	17.74	100.00
PT	12+39.16	56,877.92	33,955.58			
PC	14+73.08	57,107.96	33,913.12	004-18-55	7.53	100.00
PT	14+80.61	57,115.41	33,912.03			
PC	15+55.52	57,189.88	33,904.01	013-08-44	22.94	100.00
PT	18+13.75	57,446.31	33,932.87			
PC	18+25.90	57,458.44	33,933.45	020-37-38	27.00	75.00
PT	18+52.90	57,485.06	33,929.90			
PC	18+54.46	57,486.55	33,929.42	029-47-31	15.60	30.00
PT	18+70.06	57,501.95	33,928.62			
PC	18+92.97	57,524.38	33,933.34	002-15-07	7.86	200.00
PT	19+00.84	57,532.10	33,934.81			

COLORADO REGISTERED JAY M. JANNEY-MOORE 37571 PROFESSIONAL ENGINEER 9-12-18

REV	DATE	DESCRIPTION	TECH	ENG
0	9-12-2018	ISSUED FOR CONSTRUCTION	JHP	JNM

APPROVED BY: JNM
CHECKED BY: JNM
DESIGNED BY: JHP
DRAWN BY: JHP

DISCLAIMER

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NewFields

CLIENT: CRIPPLE CREEK & VICTOR GOLD MINING COMPANY

PROJECT: SQUAW GULCH VLF PHASE 2

TITLE: PHASE 2A PERIMETER ACESS ROAD SECTIONS AND DETAILS

FILENAME: 0106.027.026D

DRAWING NO.: A43

REVISION: 0

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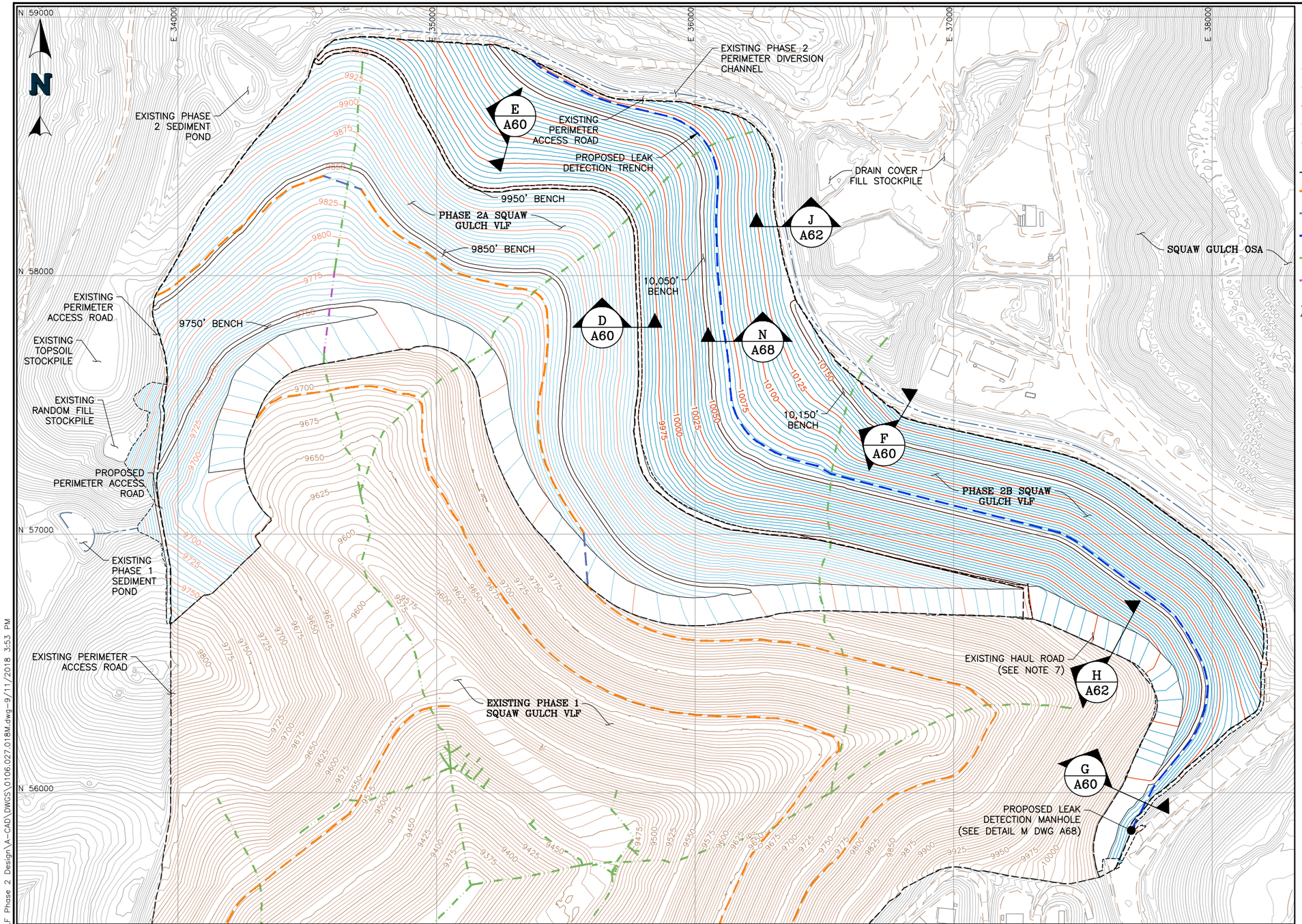

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LEGEND:

- EXISTING GROUND CONTOURS
- AS–BUILT PHASE 1 TOP OF SLF GROUND CONTOURS
- PROPOSED PHASE 2B GROUND CONTOURS
- PHASE 2A GROUND CONTOURS
- EXISTING ROADS/TRAILS
- EXISTING DRAINAGES
- SQUAW GULCH VLF PHASE LIMITS
- EXISTING LEAK DETECTION
- PHASE 2A LEAK DETECTION
- PHASE 2B LEAK DETECTION (SEE DETAIL ON DWG A68)
- EXISTING UNDERDRAIN
- PHASE 2A SECONDARY UNDERDRAIN

NOTES:

1. PROPOSED CONTOURS REPRESENT TOP OF SOIL LINER FILL WITHIN THE GEOMEMBRANE LIMITS AND FINISHED GRADE EVERYWHERE ELSE.
2. THE GEOMEMBRANE LIMITS ARE SHOWN ON DRAWING A50.
3. ALL FINISHED SLOPES WITHIN THE GEOMEMBRANE LIMITS SHALL BE SHALLOWER THAN A 2H:1V SLOPE OR 1.5H:1V SLOPE OUTSIDE THE GEOMEMBRANE LIMITS, UNLESS APPROVED BY THE ENGINEER OR THE OWNER.
4. IN AREAS WHERE 1' OR LESS OF CUT IS REQUIRED TO ACHIEVE THE PROPOSED SUBGRADE SURFACE ELEVATION WITHIN THE GEOMEMBRANE LIMITS, THE EXISTING NATURAL GROUND SURFACE CAN BE CONSIDERED TOP OF SUBGRADE WITH THE APPROVAL OF THE ENGINEER OR THE OWNER.
5. IF EXCESS CUT IS PRESENT AFTER THE MASS EARTHWORK IS COMPLETED, THE CONTRACTOR CAN SPREAD AND COMPACT THE EXCESS MATERIAL AS RANDOM FILL WITHIN THE SHALLOW AREAS OF THE PAD AS DIRECTED BY THE ENGINEER.
6. OVERSIZED AND UNACCEPTABLE MATERIAL WHICH CAN NOT BE USED AS RANDOM FILL WILL BE HAULED OFF THE PAD AND STOCKPILED IN AN AREA PROVIDED BY THE OWNER.
7. THE CONTRACTOR SHALL PLACE FILL ON THE EXISTING HAUL ROAD AND IN THE EXISTING ROADSIDE DITCH TO PROMOTE POSITIVE DRAINAGE (A MINIMUM OF 2% SLOPE) TOWARDS THE EXISTING PHASE 1 PAD.

COLORADO REGISTERED JANNEY-MOORE JNM PROFESSIONAL ENGINEER
Jayne Janney-Moore
37571
9-12-18

Reference:

NEWMONT PROVIDED THE 2017 FLYOVER DATA TO NEWFIELDS ON DEC. 14, 2017 IN THE FOLLOWING FILES: "MM173664_Topo_Plan-sheet1-final.DWG" and "MM173664_Topo_Plan-sheet2-final.DWG"

NEWMONT PROVIDED THE AS-BUILT PHASE 1 TOP OF SLF SURFACE TO NEWFIELDS ON SEPT. 21, 2016 IN A FILE CALLED "MLE2 VLF Clay MEQ September 2016 (9-14-16).DWG"

REV	DATE	DESCRIPTION	TECH	ENG
0	9-12-2018	ISSUED FOR CLIENT REVIEW	JHP	JNM

APPROVED BY: JNM
CHECKED BY: JNM
DESIGNED BY: JHP
DRAWN BY: JHP

DISCLAIMER

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NewFields

CLIENT: CRIPPLE CREEK & VICTOR GOLD MINING COMPANY

PROJECT: SQUAW GULCH VLF PHASE 2

TITLE: PHASE 2B GRADING PLAN

FILENAME: 0106.027.018M

DRAWING NO.: A44

REVISION: 0

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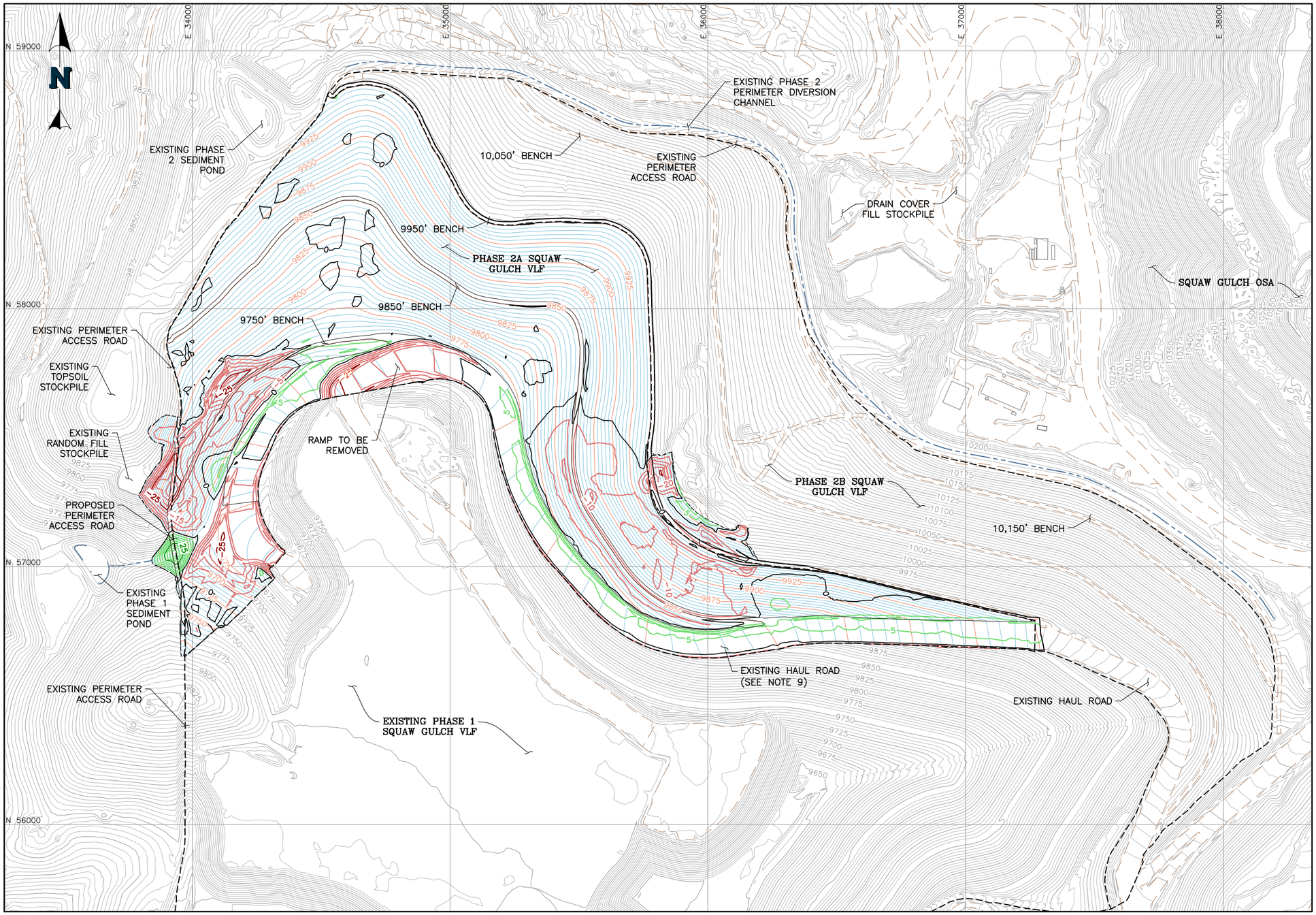

LEGEND:

- EXISTING GROUND CONTOURS
- PHASE 2A GROUND CONTOURS
- ISOPACH CUT CONTOURS
- ISOPACH ZERO CONTOUR
- ISOPACH FILL CONTOURS
- EXISTING ROADS/TRAILS
- EXISTING DRAINAGES
- SQUAW GULCH VLF PHASE LIMITS

NOTES:

1. FOR INFORMATION ONLY.
2. THE ISOPACH SHOWN REPRESENT THE DIFFERENCE IN ELEVATIONS BETWEEN THE PROPOSED PHASE 2A GROUND CONTOURS AND THE 2017 FLYOVER EXISTING GROUND CONTOURS.
3. PROPOSED CONTOURS REPRESENT TOP OF SOIL LINER FILL WITHIN THE GEOMEMBRANE LIMITS AND FINISHED GRADE EVERYWHERE ELSE.
4. THE GEOMEMBRANE LIMITS IS SHOWN ON DRAWING A50
5. ALL FINISHED SLOPES WITHIN THE GEOMEMBRANE LIMITS SHALL BE SHALLOWER THAN A 2H:1V SLOPE OR 1.5H:1V SLOPE OUTSIDE THE GEOMEMBRANE LIMITS, UNLESS APPROVED BY THE ENGINEER OR THE OWNER.
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9. THE CONTRACTOR SHALL PLACE FILL ON THE EXISTING HAUL ROAD AND IN THE EXISTING ROADSIDE DITCH TO PROMOTE POSITIVE DRAINAGE (A MINIMUM OF 2% SLOPE) TOWARDS THE EXISTING PHASE 1 PAD.

COLORADO REGISTERED
JAY NATHAN JANNEY-MOORE
37571
9-12-18
PROFESSIONAL ENGINEER

Reference:

NEWMONT PROVIDED THE 2017 FLYOVER DATA TO NEWFIELDS ON DEC. 14, 2017 IN THE FOLLOWING FILES: "WM173664_Topo_Plan-sheet1-final.DWG" and "WM173664_Topo_Plan-sheet2-final.DWG"

REV	DATE	DESCRIPTION	TECH	ENG
0	9-12-2018	ISSUED FOR CONSTRUCTION	JHP	JNM

APPROVED BY: JNM
CHECKED BY: JNM
DESIGNED BY: JHP
DRAWN BY: JHP

DISCLAIMER

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NewFields

CLIENT: CRIPPLE CREEK & VICTOR GOLD MINING COMPANY

PROJECT: SQUAW GULCH VLF PHASE 2

TITLE: PHASE 2A SQUAW GULCH GRADING PLAN ISOPACH

FILENAME: 0106.027.019M

DRAWING NO.: A46

REVISION: 0

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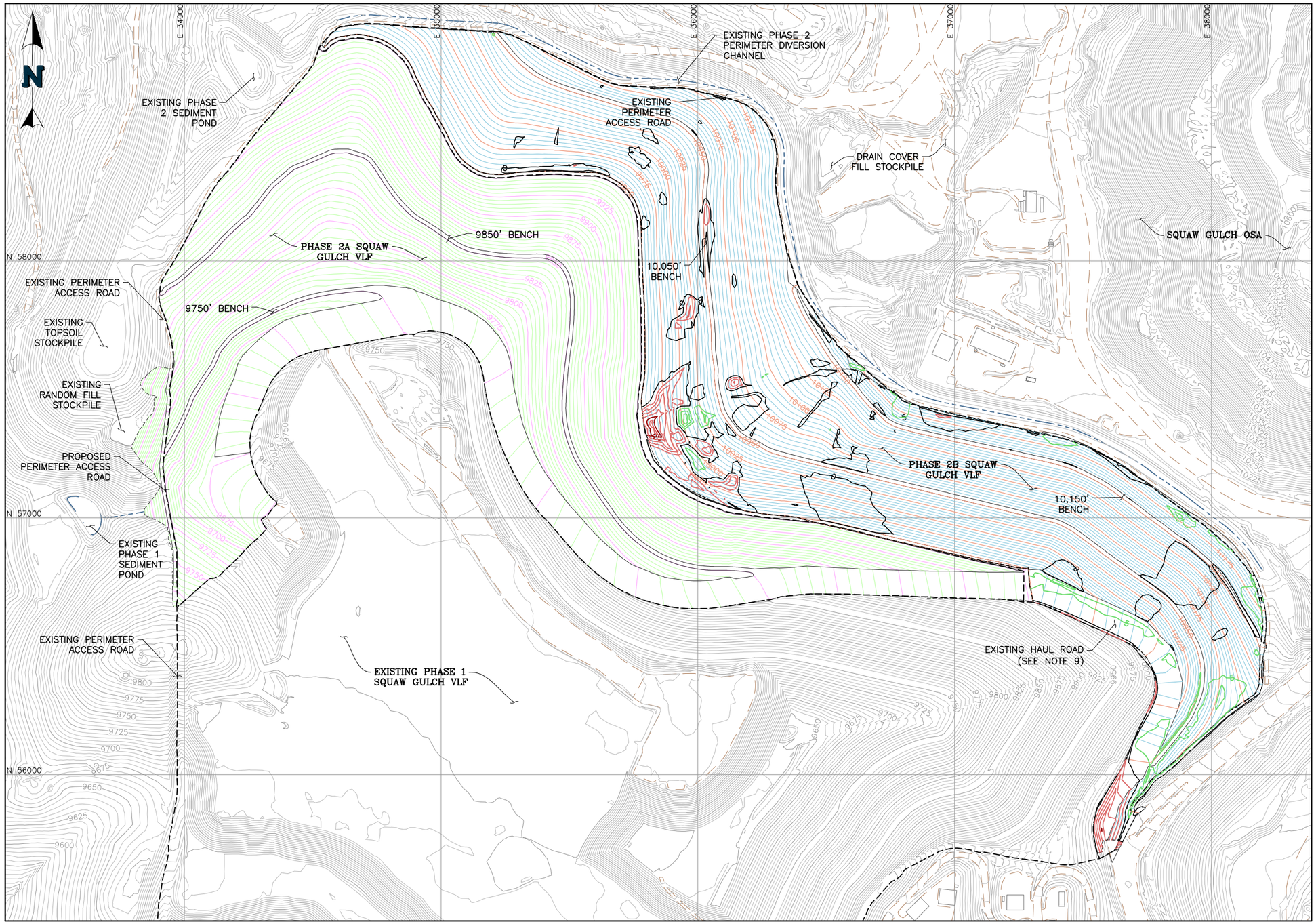

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LEGEND:

- EXISTING GROUND CONTOURS
- PHASE 2B GROUND CONTOURS
- PHASE 2A GROUND CONTOURS
- ISOPACH CUT CONTOURS
- ISOPACH ZERO CONTOUR
- ISOPACH FILL CONTOURS
- EXISTING ROADS/TRAILS
- EXISTING DRAINAGES
- SQUAW GULCH VLF PHASE LIMITS

NOTES:

1. FOR INFORMATION ONLY.
2. THE ISOPACH SHOWN REPRESENT THE DIFFERENCE IN ELEVATIONS BETWEEN THE PROPOSED PHASE 2A GROUND CONTOURS AND THE 2017 FLYOVER EXISTING GROUND CONTOURS.
3. PROPOSED CONTOURS REPRESENT TOP OF SOIL LINER FILL WITHIN THE GEOMEMBRANE LIMITS AND FINISHED GRADE EVERYWHERE ELSE.
4. THE GEOMEMBRANE LIMITS IS SHOWN ON DRAWING A50
5. ALL FINISHED SLOPES WITHIN THE GEOMEMBRANE LIMITS SHALL BE SHALLOWER THAN A 2H:1V SLOPE OR 1.5H:1V SLOPE OUTSIDE THE GEOMEMBRANE LIMITS, UNLESS APPROVED BY THE ENGINEER OR THE OWNER.
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9. THE CONTRACTOR SHALL PLACE FILL ON THE EXISTING HAUL ROAD AND IN THE EXISTING ROADSIDE DITCH TO PROMOTE POSITIVE DRAINAGE (A MINIMUM OF 2% SLOPE) TOWARDS THE EXISTING PHASE 1 PAD.

COLORADO REGISTERED
Jeffrey N. Janney-Moore
37571
9-12-18
PROFESSIONAL ENGINEER

Reference:

NEWMONT PROVIDED THE 2017 FLYOVER DATA TO NEWFIELDS ON DEC. 14, 2017 IN THE FOLLOWING FILES: "MM173664_Topo_Plan-sheet1-final.DWG" and "MM173664_Topo_Plan-sheet2-final.DWG"

REV	DATE	DESCRIPTION	TECH	ENG
0	9-12-2018	ISSUED FOR CONSTRUCTION	JHP	JNM

APPROVED BY: JNM
CHECKED BY: JNM
DESIGNED BY: JHP
DRAWN BY: JHP

DISCLAIMER

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NewFields

CLIENT: CRIPPLE CREEK & VICTOR GOLD MINING COMPANY

PROJECT: SQUAW GULCH VLF PHASE 2

TITLE: PHASE 2B SQUAW GULCH GRADING PLAN ISOPACH

FILENAME: 0106.027.020M

DRAWING NO.: A48

REVISION: 0

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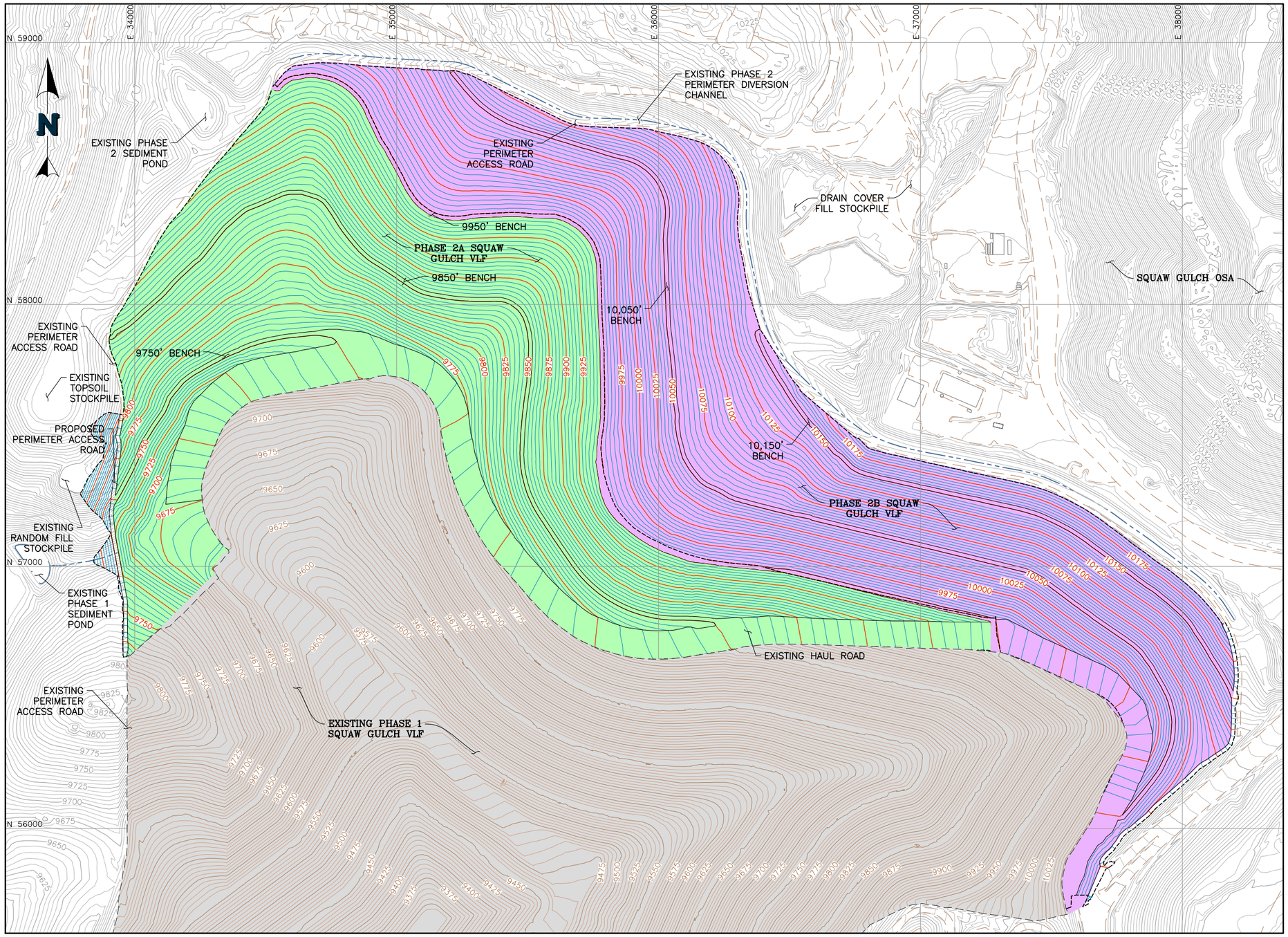

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LEGEND:

- EXISTING GROUND CONTOURS
- AS-BUILT PHASE 1 TOP OF SLF GROUND CONTOURS
- PROPOSED PHASE 2A GROUND CONTOURS
- EXISTING ROADS/TRAILS
- EXISTING DRAINAGES
- SQUAW GULCH VLF PHASE LIMITS
- LIMITS OF EXISTING LLDPE GEOMEMBRANE
- LIMITS OF PHASE 2A 80 MIL DOUBLE SIDED TEXTURED LLDPE GEOMEMBRANE
- LIMITS OF PHASE 2B 80 MIL DOUBLE SIDED TEXTURED LLDPE GEOMEMBRANE

NOTES:

1. PROPOSED CONTOURS REPRESENT TOP OF SOIL LINER FILL WITHIN THE GEOMEMBRANE LIMITS AND FINISHED GRADE EVERYWHERE ELSE.

COLORADO REGISTERED Jay M Janney-Moore 37571 PROFESSIONAL ENGINEER 9-12-18

Reference:

NEWMONT PROVIDED THE 2017 FLYOVER DATA TO NEWFIELDS ON DEC. 14, 2017 IN THE FOLLOWING FILES: "MM173664_Topo_Plan-sheet1-final.DWG" and "MM173664_Topo_Plan-sheet2-final.DWG"

NEWMONT PROVIDED THE AS-BUILT PHASE 1 TOP OF SLF SURFACE TO NEWFIELDS ON SEPT. 21, 2016 IN A FILE CALLED "MLE2 VLF Clay MEQ September 2016 (9-14-16).DWG"

REV	DATE	DESCRIPTION	TECH	ENG
0	9-12-2018	ISSUED FOR CONSTRUCTION	JHP	JNM

APPROVED BY: JNM
CHECKED BY: JNM
DESIGNED BY: JHP
DRAWN BY: JHP

DISCLAIMER

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NewFields

CLIENT: CRIPPLE CREEK & VICTOR GOLD MINING COMPANY

PROJECT: SQUAW GULCH VLF PHASE 2

TITLE: OVERALL LINER LIMITS

FILENAME: 0106.027.005M

DRAWING NO.: A50

REVISION: 0

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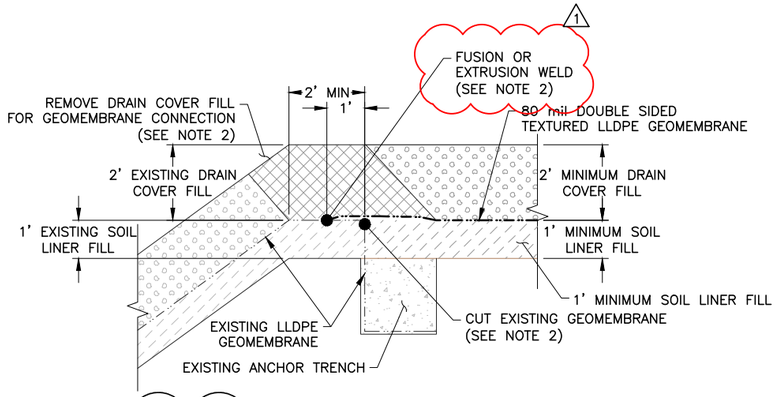
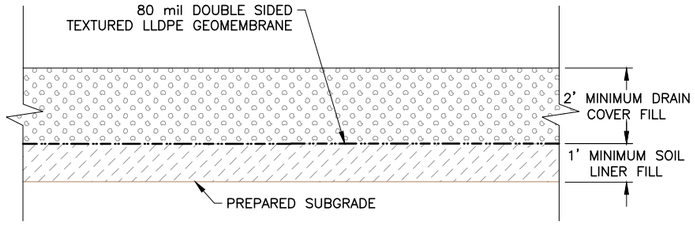
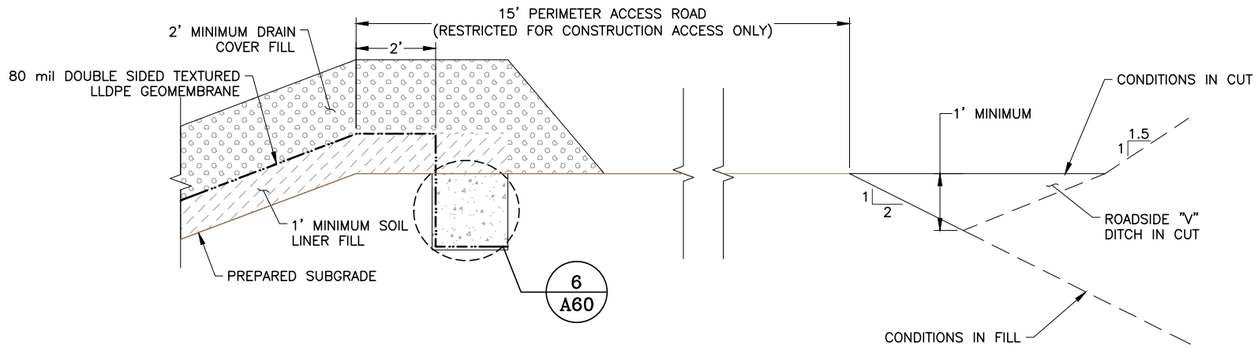


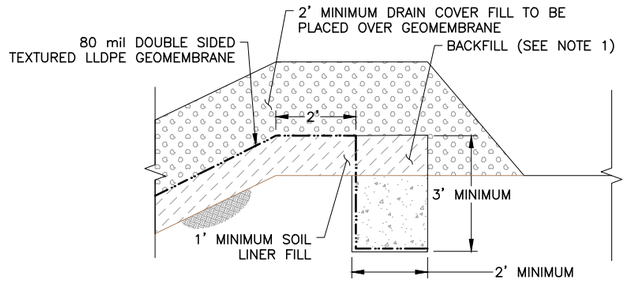
D A40 D A44 PHASED LINER CONNECTION SECTION



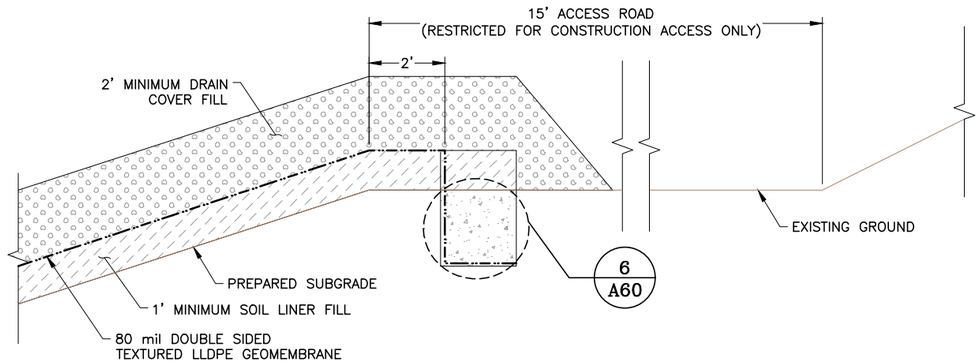
E A40 E A44 TYPICAL PAD SECTION



F A40 F A43 F A44 EDGE OF LINER TERMINATION ALONG EXISTING PERIMETER ACCESS ROAD



6 A60 6 A62 TYPICAL ANCHOR TRENCH



G A40 TEMPORARY PHASE 2A PERIMETER ANCHOR TRENCH SECTION

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 SHOULD BE TAKEN:
   - 2.1. THE EXISTING DRAIN COVER FILL SHALL BE CARFULLY 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 GEOEMBRANE TOGETHER. (1)

3. REFER TO PROJECT SPECIFICATIONS REGARDING MINIMUM DRAIN COVER FILL DEPTHS FOR WORKING OVER GEOSYNTHETICS AND PIPING WITH RUBBER TIRE OR TRACK MOUNTED EQUIPMENT.

REV	DATE	DESCRIPTION	TECH	ENG
1	6-25-2019	RE-ISSUED FOR CONSTRUCTION	JEP	JNM
0	9-12-2018	ISSUED FOR CONSTRUCTION	JHP	JNM

APPROVED BY: JNM
CHECKED BY: JNM
DESIGNED BY: JHP
DRAWN BY: JHP

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NewFields

CLIENT: CRIPPLE CREEK & VICTOR GOLD MINING COMPANY

PROJECT: SQUAW GULCH VLF PHASE 2

TITLE: VALLEY LEACH FACILITY SECTIONS AND DETAILS SHEET 1 OF 2

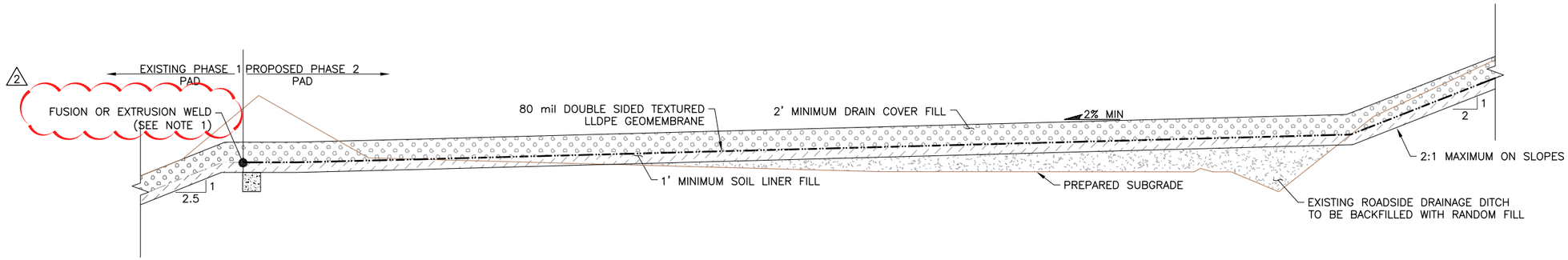
FILENAME: 0106.027.006D

DRAWING NO.: A60

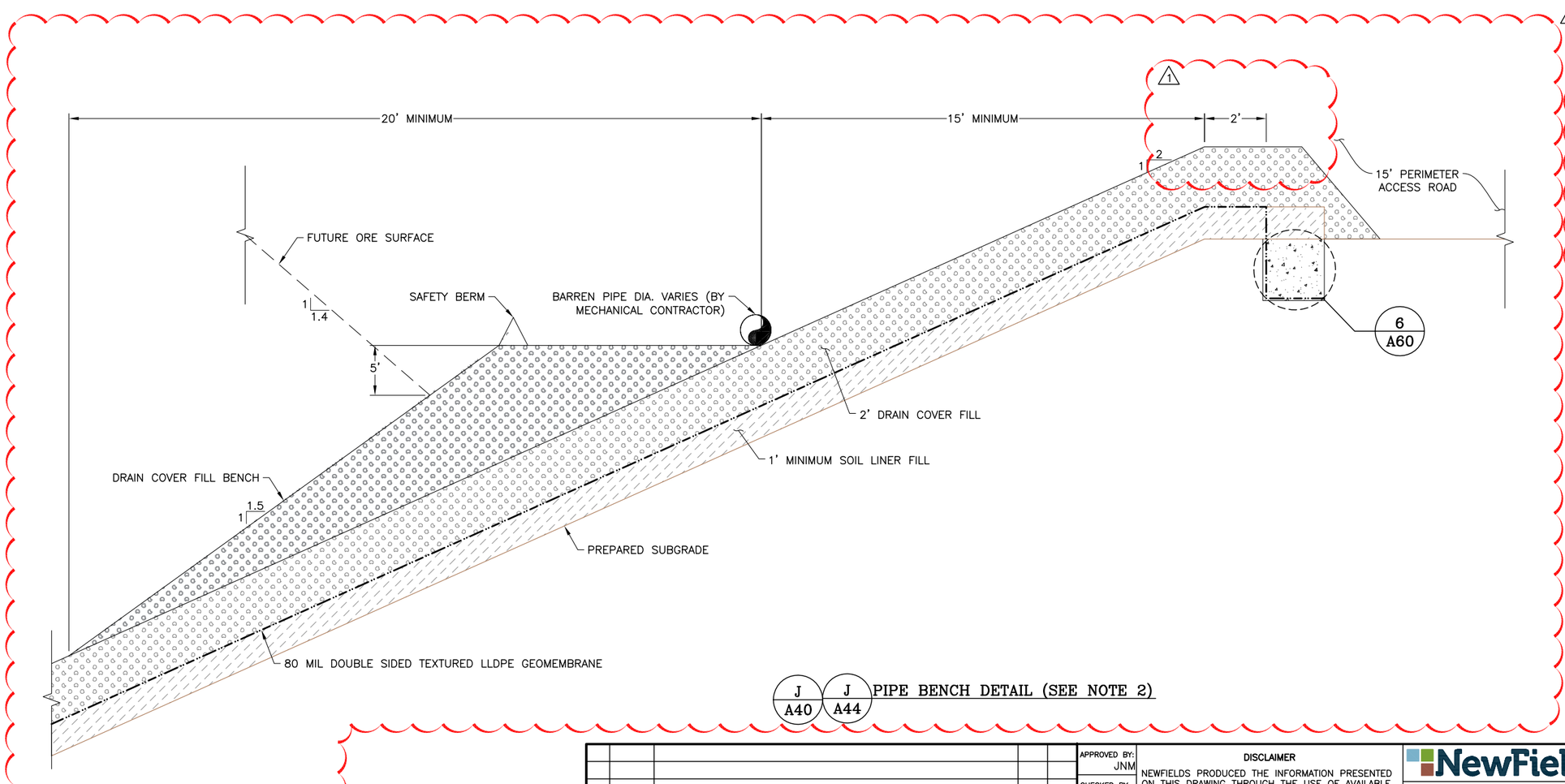
REVISION: 1

COLORADO REGISTERED PROFESSIONAL ENGINEER
JAY M. JOHNSON
37571
6-25-19

P:\Projects\0106.027 Squaw Gulch VLF Phase 2 Design\A-CAD\DWGS\0106.027.006D.dwg-6/25/2019 4:02 PM



H A40 / H A44 HAUL ROAD LINER TIE IN



J A40 / J A44 PIPE BENCH DETAIL (SEE NOTE 2)

2

NOTES:

1. WHEN THE CONTRACTOR TIES THE PROPOSED 80 mil DOUBLE SIDED TEXTURED LLDPE GEOMEMBRANE INTO THE EXISTING GEOMEMBRANE, THE FOLLOWING STEPS SHOULD BE TAKEN:
   - 1.1. CUT THE EXISTING GEOMEMBRANE LINER AT THE TOP OF THE ANCHOR TRENCH.
   - 1.2. BASED ON FIELD CONDITIONS, FUSION OR EXTRUSION WELD THE TWO GEOEMBRANE TOGETHER.
2. TO BE INSTALLED BY CC&V AT A FUTURE DATE.

COLORADO REGISTERED JAY N. JANNEY-MOORE 37571 PROFESSIONAL ENGINEER 6-25-19

REV	DATE	DESCRIPTION	TECH	ENG
2	6-25-2019	RE-ISSUED FOR CONSTUCTION	JEP	JNM
1	4-19-2019	RE-ISSUED FOR CONSTUCTION	JNM	JNM
0	9-12-2018	ISSUED FOR CONSTRUCTION	JHP	JNM

APPROVED BY: JNM
CHECKED BY: JNM
DESIGNED BY: JHP
DRAWN BY: JHP

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NewFields

CLIENT: CRIPPLE CREEK & VICTOR GOLD MINING COMPANY

PROJECT: SQUAW GULCH VLF PHASE 2

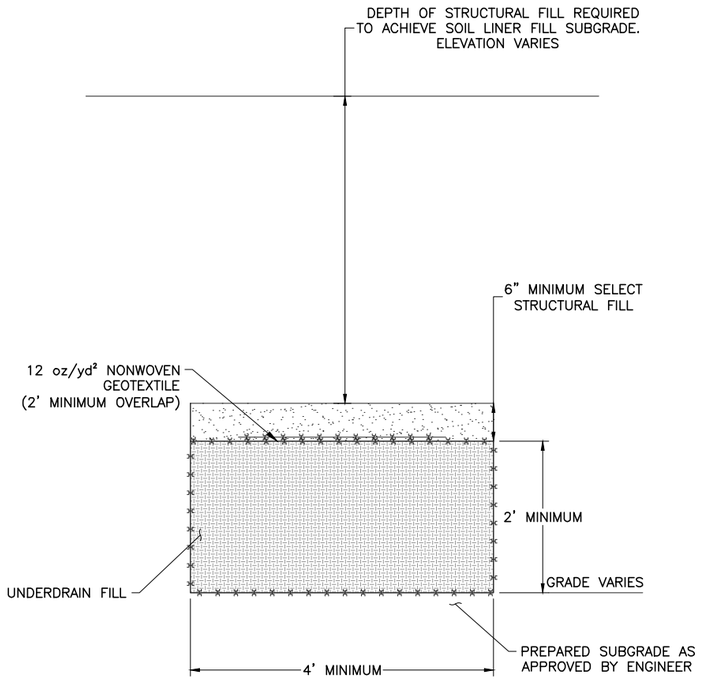
TITLE: VALLEY LEACH FACILITY SECTIONS AND DETAILS SHEET 2 OF 2

FILENAME: 0106.027.015D

DRAWING NO.: A62

REVISION: 2

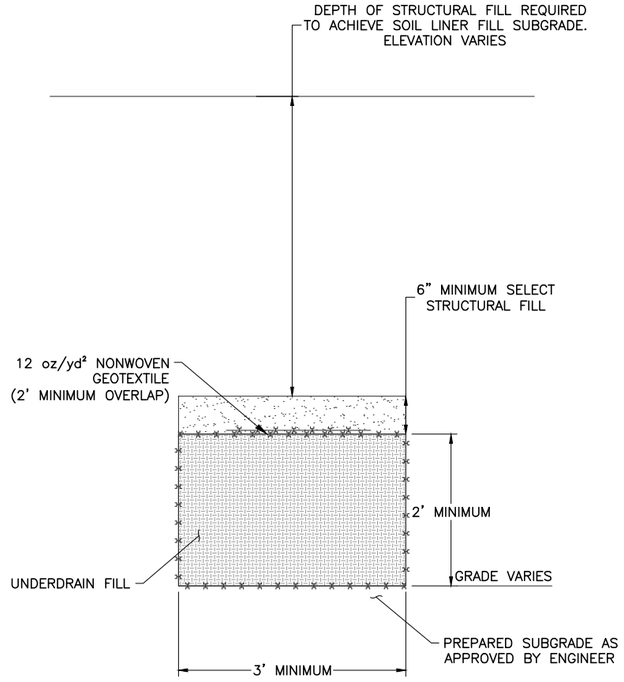
P:\Projects\0106.027 Squaw Gulch VLF Phase 2 Design\A-CAD\DWGS\0106.027.015D.dwg-6/25/2019 4:02 PM



K / A40 SECONDARY UNDERDRAIN

SECONDARY UNDERDRAIN:

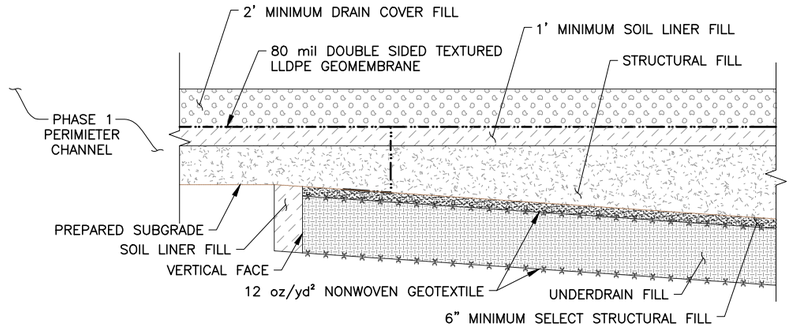
1. CONFIGURATION OF UNDERDRAIN TRENCHES MAY BE MODIFIED PROVIDED MINIMUM CROSS SECTIONAL AREA SHOWN ABOVE IS ACHIEVED.
2. UNDERDRAIN SHALL BE INSTALLED ON A MINIMUM OF 1.0% GRADE.
3. AS REQUIRED BY LOCALIZED GRADING, THE UNDERDRAIN CAN BE INSTALLED WITH A MINIMUM SLOPE OF 0.5% WITH APPROVAL FROM THE ENGINEER.



L / A64 L / A64 TYPICAL TERTIARY UNDERDRAIN

TYPICAL TERTIARY UNDERDRAIN

1. CONFIGURATION OF UNDERDRAIN TRENCHES MAY BE MODIFIED PROVIDED MINIMUM CROSS SECTIONAL AREA SHOWN ABOVE IS ACHIEVED.
2. TERTIARY UNDERDRAINS SHALL BE INSTALLED IN THE AREAS OF THE VALLEY LEACH FACILITY WHERE SEEPS OCCUR OUTSIDE OF THE TOPOGRAPHIC LOW POINTS. INSTALLATION SHALL BE APPROVED BY THE ENGINEER DURING CONSTRUCTION.
3. UNDERDRAIN SHALL BE INSTALLED ON A MINIMUM OF 1.0% GRADE.
4. AS REQUIRED BY LOCALIZED GRADING, THE UNDERDRAIN CAN BE INSTALLED WITH A MINIMUM SLOPE OF 0.5% WITH APPROVAL FROM THE ENGINEER.



7 / A64 UNDERDRAIN TERMINATION

TYPICAL TERTIARY UNDERDRAIN TERMINATION:

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.).

COLORADO REGISTERED J. N. JANNEY-MOORE 37571 PROFESSIONAL ENGINEER 9-12-18

REV	DATE	DESCRIPTION	TECH	ENG
0	9-12-2018	ISSUED FOR CONSTRUCTION	JHP	JNM

APPROVED BY: JNM
CHECKED BY: JNM
DESIGNED BY: JHP
DRAWN BY: JHP

DISCLAIMER

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NewFields

CLIENT: CRIPPLE CREEK & VICTOR GOLD MINING COMPANY

PROJECT: SQUAW GULCH VLF PHASE 2

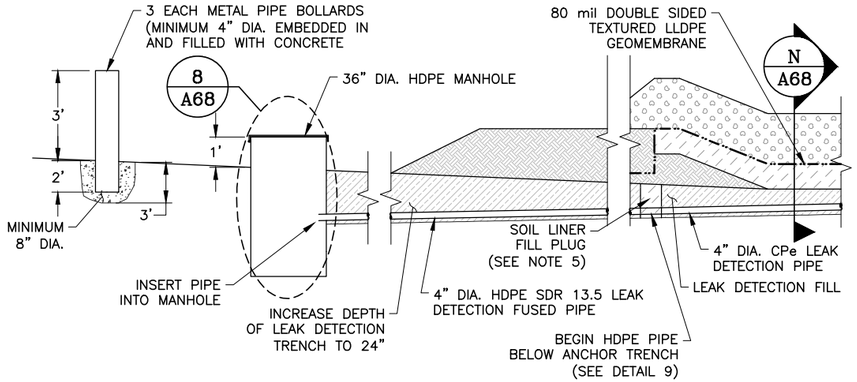
TITLE: UNDERDRAIN DETAILS SHEET

FILENAME: 0106.027.008D

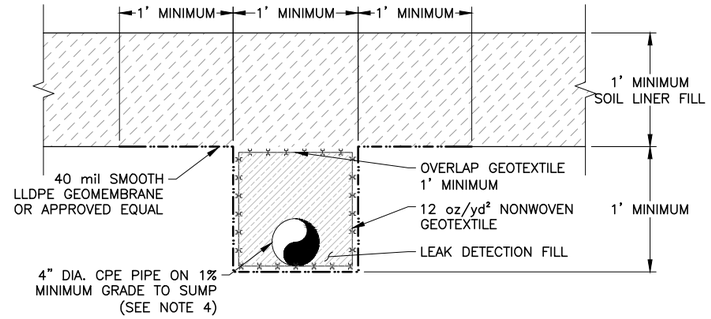
DRAWING NO.: A64

REVISION: 0

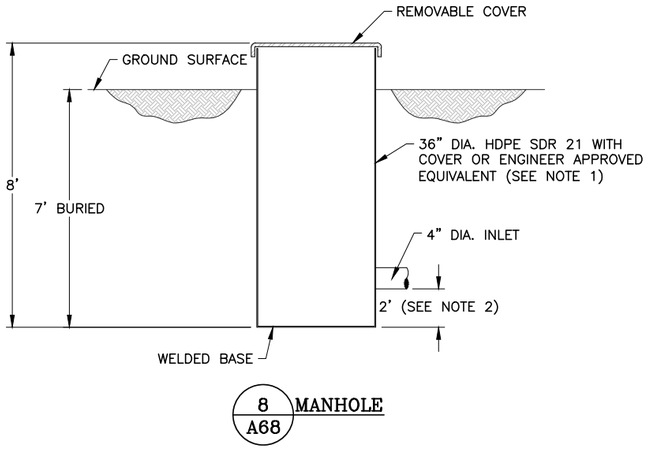
P:\Projects\0106.027 Squaw Gulch VLF Phase 2 Design\A-CAD\DWGS\0106.027.008D.dwg-9/11/2018 3:55 PM



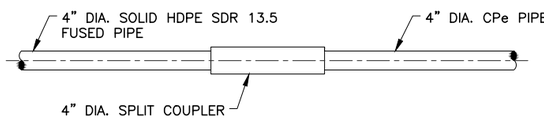
M / A44 LEAK DETECTION MANHOLE/SUMP DETAIL



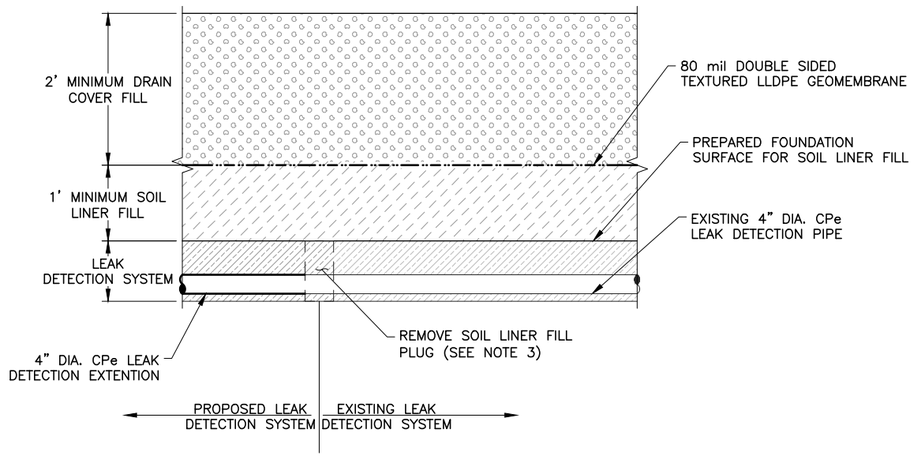
N / A40 N / A44 N / A68 LEAK DETECTION TRENCH



8 / A68 MANHOLE



9 / A68 TYPICAL SOLID HDPE TO PERFORATED CPe PIPE CONNECTION



P / A40 TEMPORARY LEAK DETECTION TERMINATION REMOVAL

NOTES:

1. MANHOLE WITH LADDER ACCESS ALONG ENTIRE DEPTH OF MANHOLE.
2. MINIMUM STORAGE VOLUME OF 100 GALLONS BELOW 4" DIA. SOLID HDPE PIPE INLET.
3. AS REQUIRED BY LOCALIZED GRADING, THE UNDERDRAIN CAN BE INSTALLED WITH A MINIMUM SLOPE OF 0.5% WITH APPROVAL FROM THE ENGINEER.
4. SOIL LINER FILL PLUG DIMENSIONS TO BE 1'x1'x1'

COLORADO REGISTERED JOHN HANNEY-MOORE 37571 PROFESSIONAL ENGINEER
9-12-18

REV	DATE	DESCRIPTION	TECH	ENG
0	9-12-2018	ISSUED FOR CONSTRUCTION	JHP	JNM

APPROVED BY: JNM
CHECKED BY: JNM
DESIGNED BY: JHP
DRAWN BY: JHP

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NewFields

CLIENT: CRIPPLE CREEK & VICTOR GOLD MINING COMPANY
PROJECT: SQUAW GULCH VLF PHASE 2
TITLE: LEAK DETECTION & TYPICAL EROSION CONTROL DETAILS
FILENAME: 0106.027.027D
DRAWING NO.: A68
REVISION: 0

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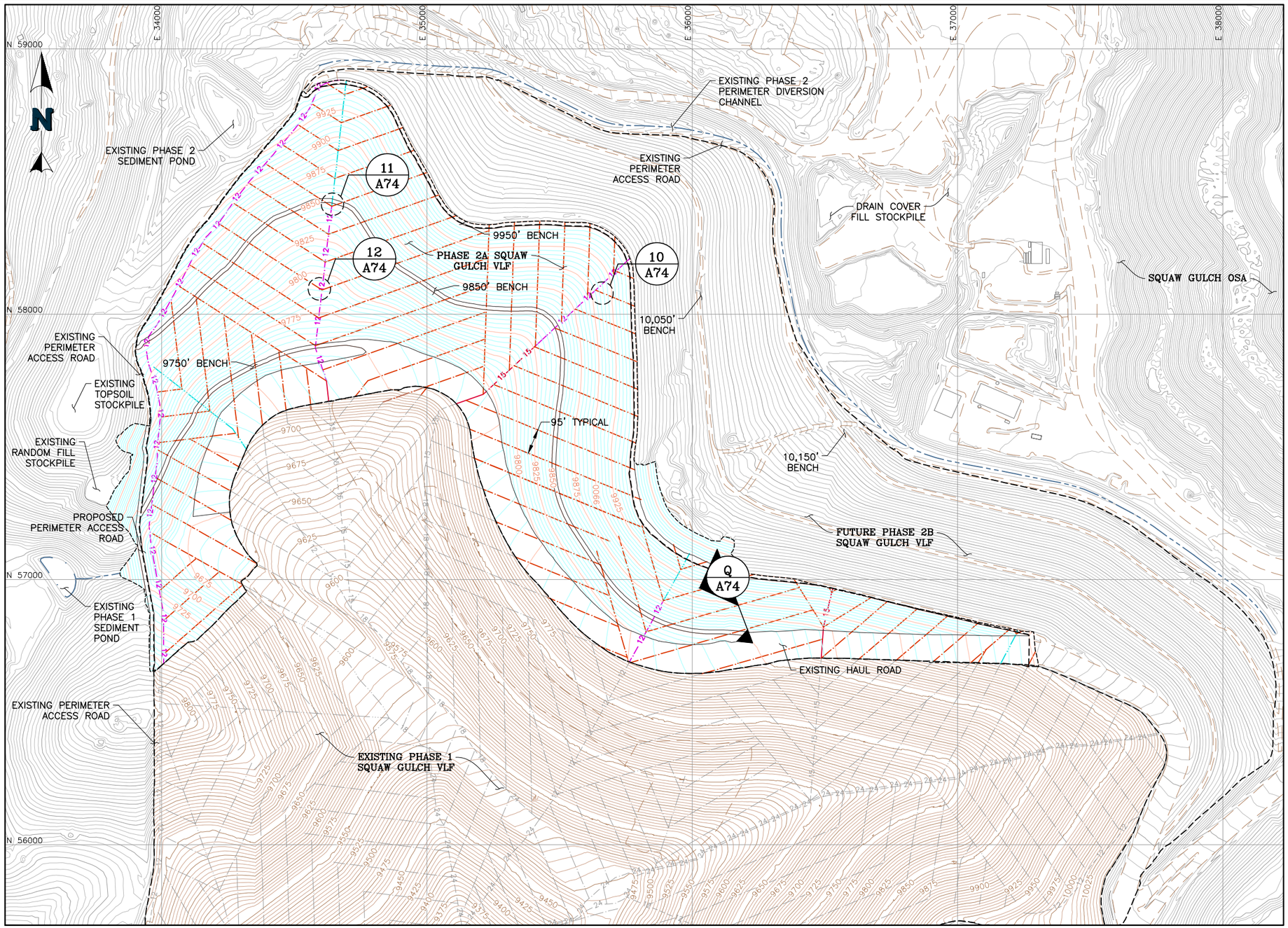

0 200 □00 FEET

LEGEND:

- EXISTING GROUND CONTOURS
- AS-BUILT PHASE 1 TOP OF SLF GROUND CONTOURS
- PROPOSED PHASE 2A GROUND CONTOURS
- EXISTING ROADS/TRAILS
- EXISTING DRAINAGES
- SQUAW GULCH VLF PHASE LIMITS

PHASE 2A HIGH VOLUME COLLECTION PIPES

- 4" DIA. CPe PIPE (TYPE SP) PLACED ON 95' CENTERS
- 8" DIA. CPe PIPE (TYPE SP)
- 12" DIA. CPe PIPE (TYPE SP)
- 15" DIA. CPe PIPE (TYPE SP)
- 18" DIA. CPe PIPE (TYPE SP)

PHASE 1 AS-BUILT HIGH VOLUME COLLECTION PIPES

- 4" DIA. CPe PIPE (TYPE SP)
- 8" DIA. CPe PIPE (TYPE SP)
- 12" DIA. CPe PIPE (TYPE SP)
- 15" DIA. CPe PIPE (TYPE SP)
- 18" DIA. CPe PIPE (TYPE SP)
- 24" DIA. CPe PIPE (TYPE SP)

NOTES:

1. SOLUTION COLLECTION PIPING SHALL BE PLACED WITH A MINIMUM SLOPE OF 1 PERCENT.
2. 4" DIA. CPe PIPES (TYPE SP) SHALL BE ADJUSTED TO AVOID PLACEMENT PERPENDICULAR TO SLOPE.
3. PROPOSED CONTOURS REPRESENT TOP OF SOIL LINER FILL WITH THE GEOMEMBRANE LIMITS AND FINISHED GRADE EVERYWHERE ELSE.
4. THE GEOMEMBRANE LIMITS ARE SHOWN ON DRAWING A50.

COLORADO REGISTERED Jay M Janney-Moore 37571 9-12-18 PROFESSIONAL ENGINEER

Reference:

NEWMONT PROVIDED THE 2017 FLYOVER DATA TO NEWFIELDS ON DEC. 14, 2017 IN THE FOLLOWING FILES: "MM173664_Topo_Plan-sheet1-final.DWG" and "MM173664_Topo_Plan-sheet2-final.DWG"

NEWMONT PROVIDED THE AS-BUILT PHASE 1 TOP OF SLF SURFACE TO NEWFIELDS ON SEPT. 21, 2016 IN A FILE CALLED "MLE2 VLF Clay MEQ September 2016 (9-14-16).DWG"

REV	DATE	DESCRIPTION	TECH	ENG
0	9-12-2018	ISSUED FOR CONSTRUCTION	JHP	JNM

APPROVED BY: JNM
CHECKED BY: JNM
DESIGNED BY: JHP
DRAWN BY: JHP

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NewFields

CLIENT: CRIPPLE CREEK & VICTOR GOLD MINING COMPANY

PROJECT: SQUAW GULCH VLF PHASE 2

TITLE: PHASE 2A HIGH VOLUME SOLUTION CONCENTRATION PIPING LAYOUT

FILENAME: 0106.027.023M

DRAWING NO.: A70

REVISION: 0

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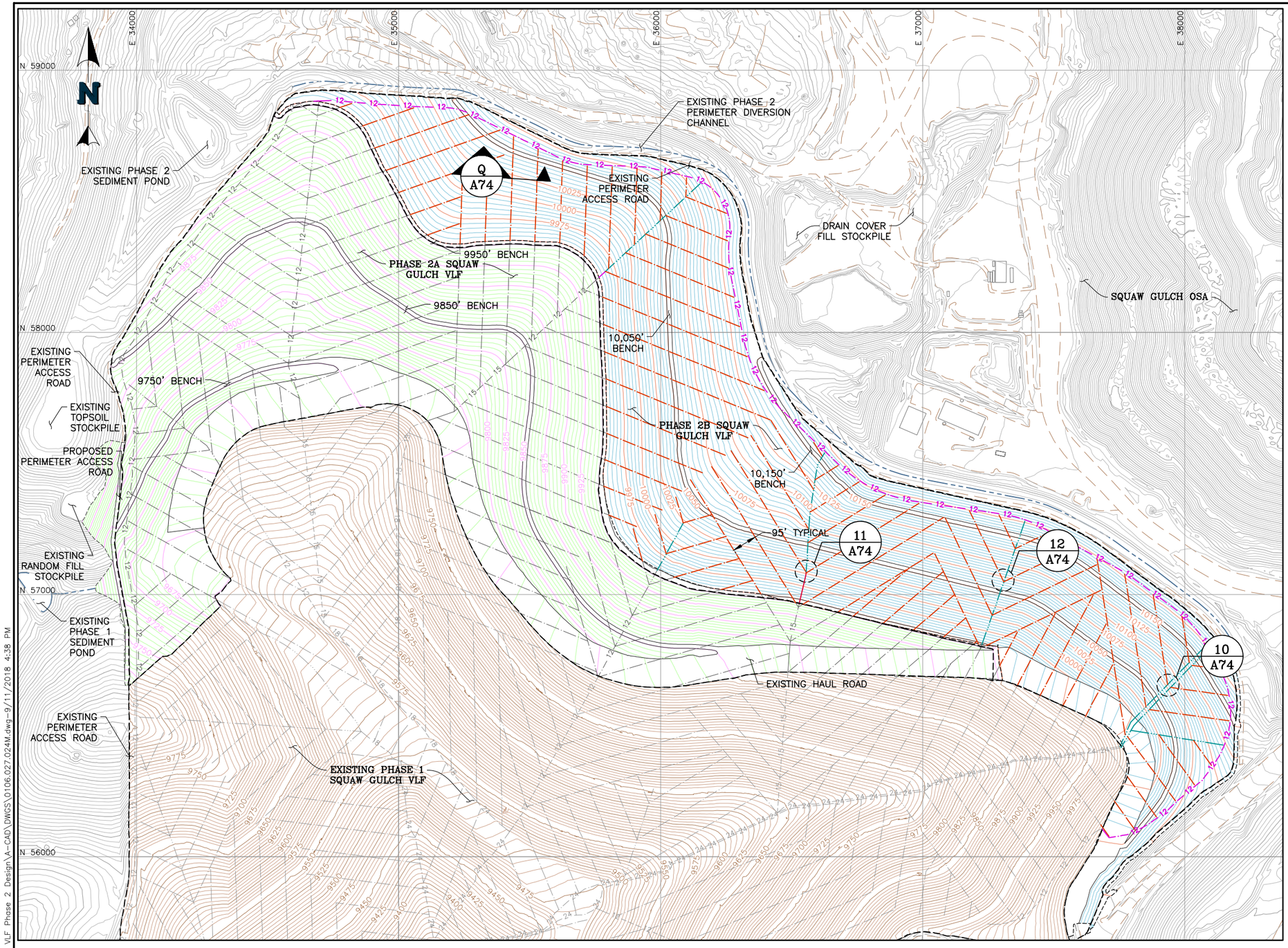

LEGEND:

- EXISTING GROUND CONTOURS
- AS-BUILT PHASE 1 TOP OF SLF GROUND CONTOURS
- PROPOSED PHASE 2B GROUND CONTOURS
- PROPOSED PHASE 2A GROUND CONTOURS
- EXISTING ROADS/TRAILS
- EXISTING DRAINAGES
- SQUAW GULCH VLF PHASE LIMITS

PHASE 2B CPe HIGH VOLUME COLLECTION PIPES

- 4" DIA. CPe PIPE (TYPE SP) PLACED ON 95' CENTERS
- 8" DIA. CPe PIPE (TYPE SP)
- 12" DIA. CPe PIPE (TYPE SP)
- 15" DIA. CPe PIPE (TYPE SP)

PHASE 2A CPe HIGH VOLUME COLLECTION PIPES

- 4" DIA. CPe PIPE (TYPE SP)
- 8" DIA. CPe PIPE (TYPE SP)
- 12" DIA. CPe PIPE (TYPE SP)
- 15" DIA. CPe PIPE (TYPE SP)

PHASE 1 AS-BUILT HIGH VOLUME COLLECTION PIPES

- 4" DIA. CPe PIPE (TYPE SP)
- 8" DIA. CPe PIPE (TYPE SP)
- 12" DIA. CPe PIPE (TYPE SP)
- 15" DIA. CPe PIPE (TYPE SP)
- 18" DIA. CPe PIPE (TYPE SP)
- 24" DIA. CPe PIPE (TYPE SP)

NOTES:

1. SOLUTION COLLECTION PIPING SHALL BE PLACED WITH A MINIMUM SLOPE OF 1 PERCENT.
2. 4" DIA. CPe PIPES (TYPE SP) SHALL BE ADJUSTED TO AVOID PLACEMENT PERPENDICULAR TO SLOPE.
3. PROPOSED CONTOURS REPRESENT TOP OF SOIL LINER FILL WITHIN THE GEOMEMBRANE LIMITS AND FINISHED GRADE EVERYWHERE ELSE.
4. THE GEOMEMBRANE LIMITS ARE SHOWN ON DRAWING A50.

COLORADO REGISTERED JANNEY-MOORE JAY PROFESSIONAL ENGINEER
Jay Janney-Moore 37571 9-12-18

Reference:

NEWMONT PROVIDED THE 2017 FLYOVER DATA TO NEWFIELDS ON DEC. 14, 2017 IN THE FOLLOWING FILES: "MM173664_Topo_Plan-sheet1-final.DWG" and "MM173664_Topo_Plan-sheet2-final.DWG"

NEWMONT PROVIDED THE AS-BUILT PHASE 1 TOP OF SLF SURFACE TO NEWFIELDS ON SEPT. 21, 2016 IN A FILE CALLED "MLE2 VLF Clay MEQ September 2016 (9-14-16).DWG"

REV	DATE	DESCRIPTION	TECH	ENG
0	9-12-2018	ISSUED FOR CONSTRUCTION	JHP	JNM

APPROVED BY: JNM
CHECKED BY: JNM
DESIGNED BY: JHP
DRAWN BY: JHP

DISCLAIMER

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NewFields

CLIENT: CRIPPLE CREEK & VICTOR GOLD MINING COMPANY

PROJECT: SQUAW GULCH VLF PHASE 2

TITLE: PHASE 2B HIGH VOLUME SOLUTION CONCENTRATION PIPING LAYOUT

FILENAME: 0106.027.024M
DRAWING NO.: A72
REVISION: 0

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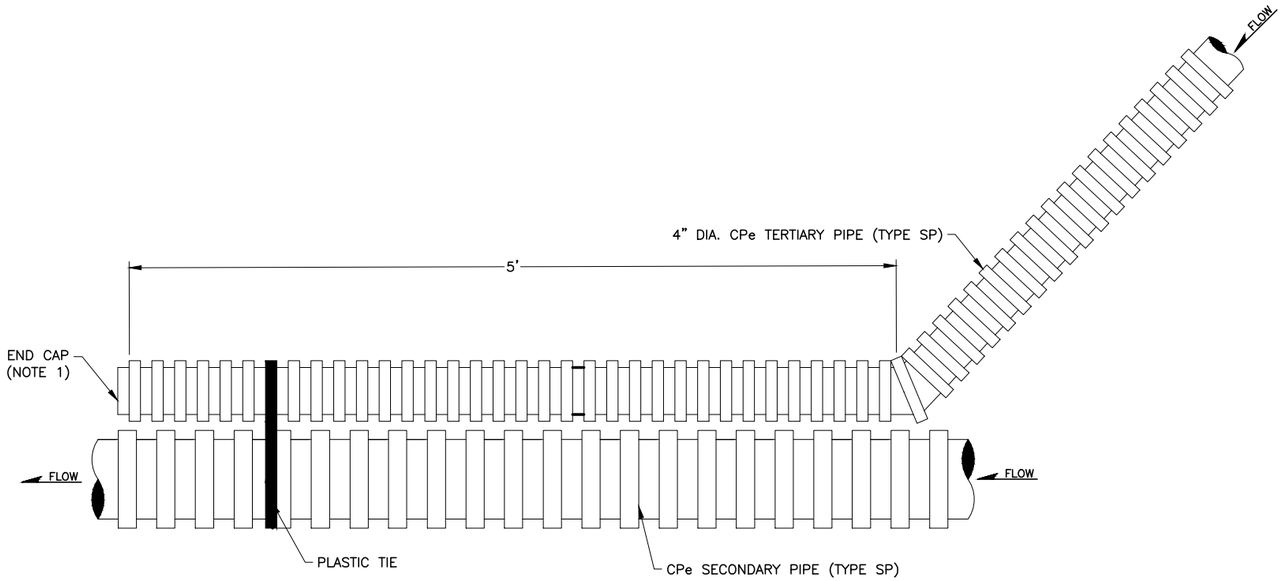
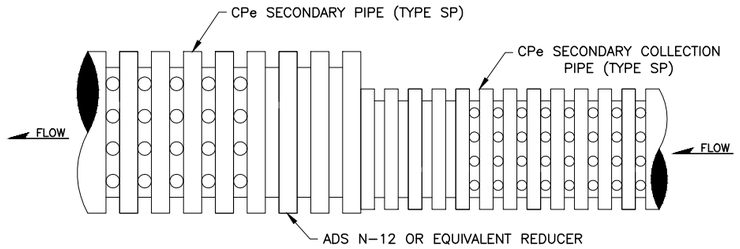
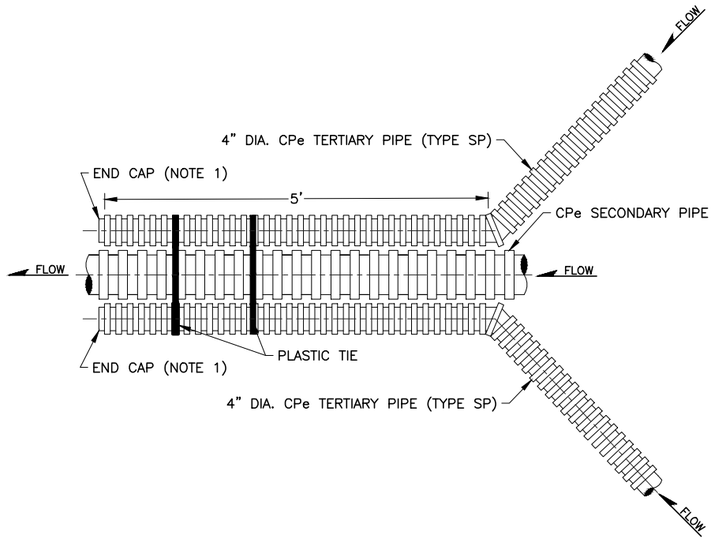


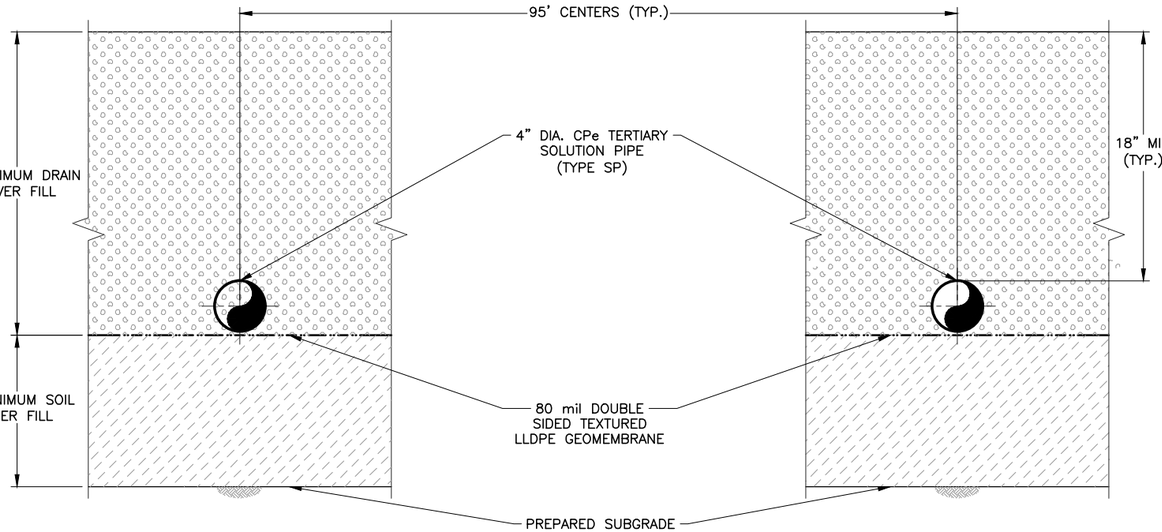
10 / A70 — 10 / A72 TYPICAL SINGLE TERTIARY TO SECONDARY SOLUTION COLLECTION PIPE JUNCTION



11 / A70 — 11 / A72 TYPICAL SOLUTION COLLECTION PIPE REDUCER DETAIL



12 / A70 — 12 / A72 TYPICAL DOUBLE TERTIARY TO SECONDARY SOLUTION COLLECTION PIPE JUNCTION



Q / A70 — Q / A72 VLF LINER SYSTEM

NOTES:

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

COLORADO REGISTERED JANNEY-MOORE 37571 PROFESSIONAL ENGINEER
9-12-18

REV	DATE	DESCRIPTION	TECH	ENG
0	9-12-2018	ISSUED FOR CONSTRUCTION	JHP	JNM

APPROVED BY: JNM
CHECKED BY: JNM
DESIGNED BY: JHP
DRAWN BY: JHP

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NewFields

CLIENT: CRIPPLE CREEK & VICTOR GOLD MINING COMPANY

PROJECT: SQUAW GULCH VLF PHASE 2

TITLE: HIGH VOLUME SOLUTION COLLECTION SYSTEM DETAILS

FILENAME: 0106.027.010D

DRAWING NO.: A74

REVISION: 0

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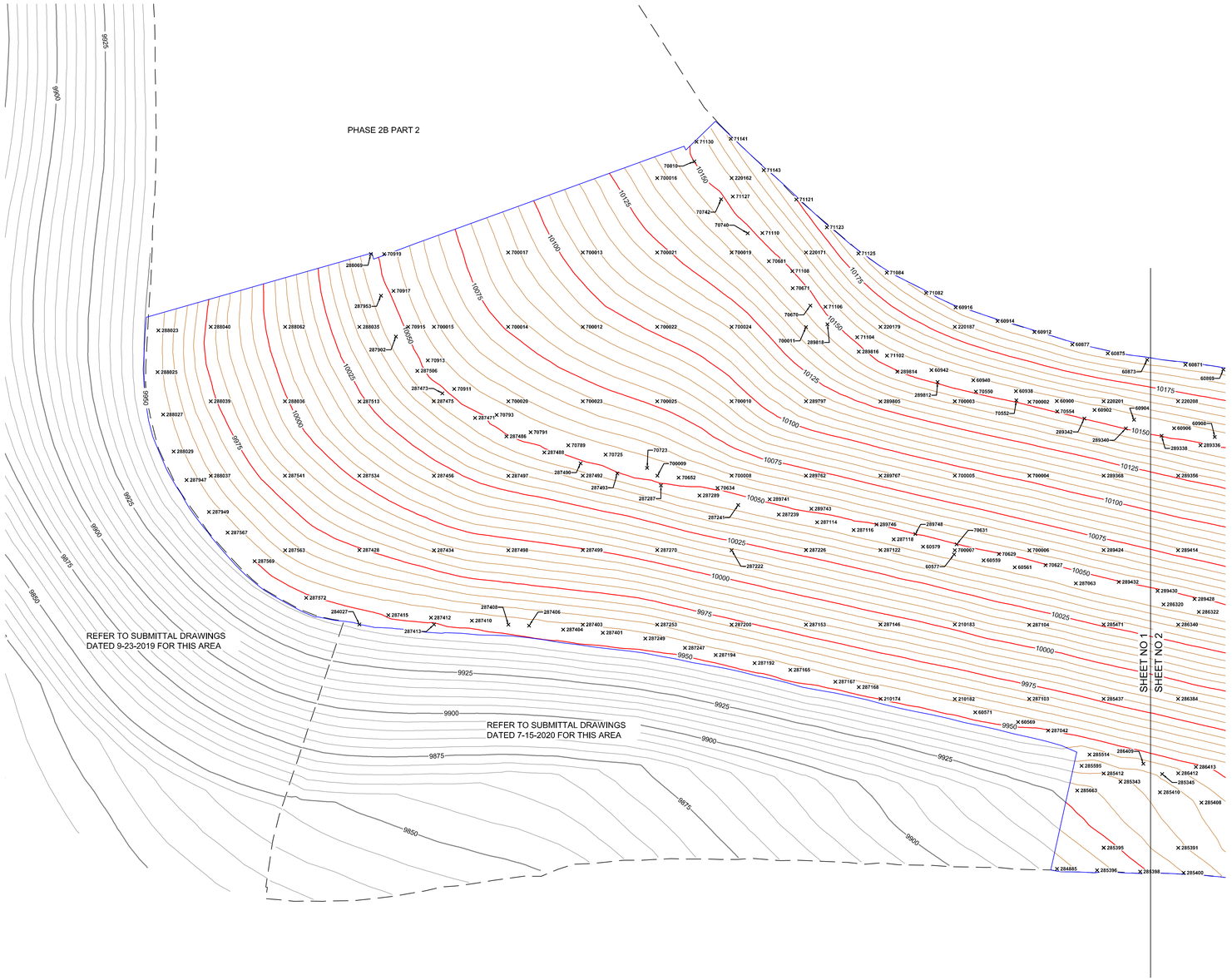
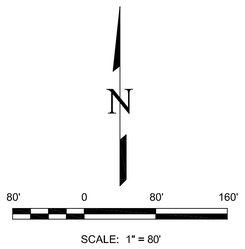
RECORD OF CONSTRUCTION DRAWINGS

SQUAW GULCH - 20VLF PHASE 2B PART 1

SOIL LINER FILL ASBUILT

FIELD DATA COLLECTED THROUGH AUGUST 19, 2020





LEGEND:

- SOIL LINER FILL ASBUILT - MAJOR CONTOUR IN FT AMSL
- SOIL LINER FILL ASBUILT - MINOR CONTOUR IN FT AMSL
- SOIL LINER FILL ASBUILT PREVIOUS SUBMITTALS - MAJOR CONTOUR IN FT AMS
- SOIL LINER FILL ASBUILT PREVIOUS SUBMITTALS - MINOR CONTOUR IN FT AMSL
- APPROXIMATE LIMIT OF PHASE 2B GEOMEMBRANE LIMITS
- LIMITS OF GEOMEMBRANE 2B PART 1
- x POINT NUMBER

GENERAL NOTES:

1. COORDINATES HEREIN ARE BASED ON THE CONTROL RECEIVED FROM NEWMONT AND FORESIGHT WEST SURVEYING INC. PER EXHIBIT "PRIMARY CONTROL THRU 2016"

SURVEYOR'S STATEMENT:

I, EDWARD R. FISHER, A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO, DO HEREBY CERTIFY ONLY TO TEZAK HEAVY EQUIPMENT CO. INC., AND CRIPPLE CREEK & VICTOR GOLD MINING COMPANY THAT FROM APRIL, 2020, THROUGH AUGUST, 2020, AS-BUILT SURVEYS WERE CONDUCTED UNDER MY SUPERVISION AND THE MAPS HEREIN ACCURATELY REPRESENTS SAID SURYEYS, TO THE BEST OF MY KNOWLEDGE.

COLORADO LICENSED EDWARD R. FISHER 38042 9/15/2020 PROFESSIONAL LAND SURVEYOR

EDWARD R. FISHER, PROFESSIONAL LAND SURVEYOR
COLORADO P.L.S. NO. 38042
FOR AND ON BEHALF OF EDWARD-JAMES SURVEYING, INC.

NOTICE:

*ACCORDING TO COLORADO LAW YOU **MUST** COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE OF THE CERTIFICATION SHOWN HEREON.*

NO.	REVISIONS DESCRIPTION	DATE

EDWARD-JAMES SURVEYING, INC.
926 Elkton Drive
Colorado Springs, CO 80907
Office: (719) 576-1216
Fax: (719) 576-1206
4732 Eagleridge Circle
Pueblo, CO 81008
Office: (719) 545-6240
Fax: (719) 545-6247

SQUAW GLUCH - 20VLF PHASE 2B PART 1
SOIL LINER FILL ASBUILT

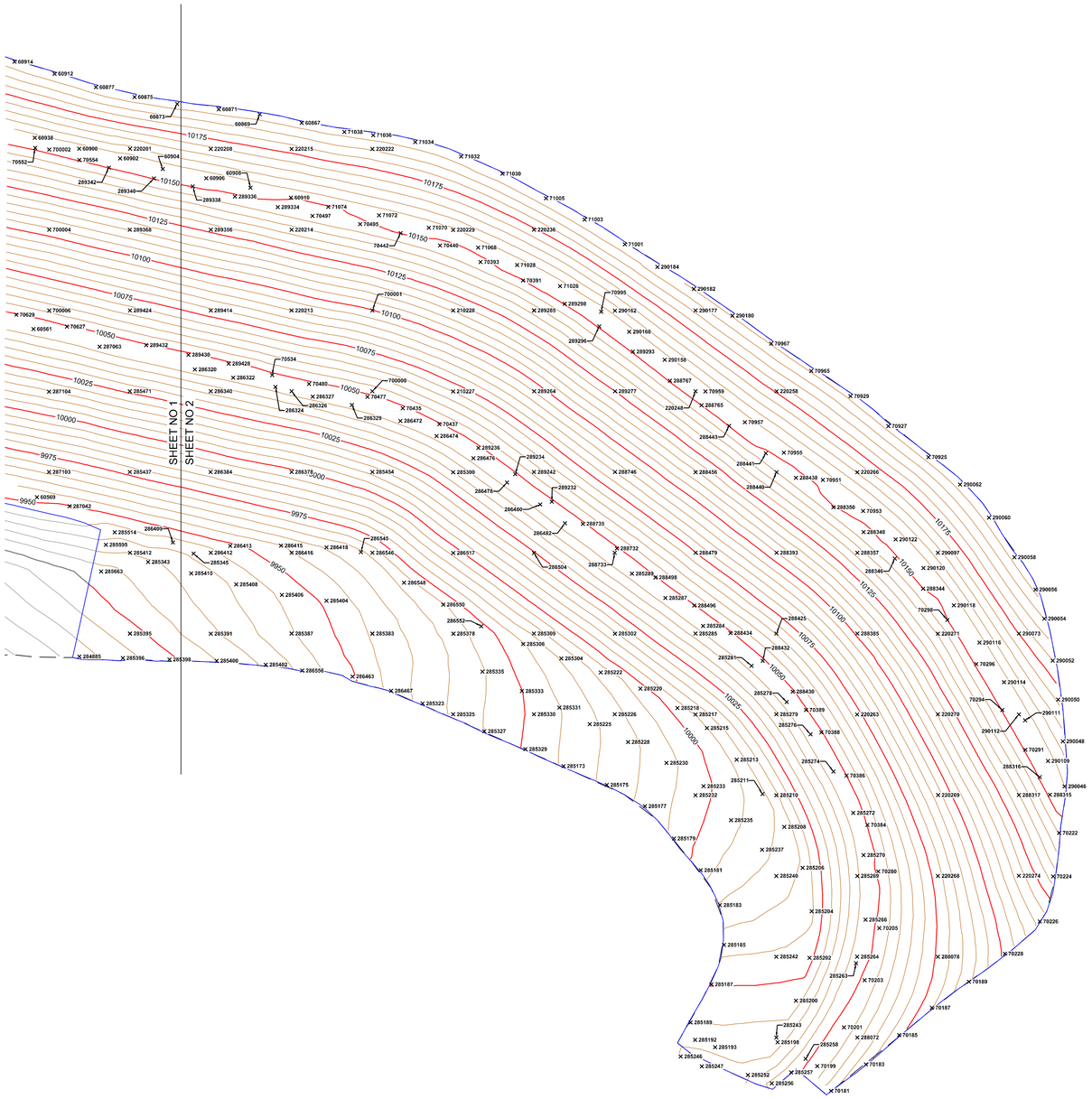
FIELD DATA COLLECTED THROUGH AUGUST 19, 2020

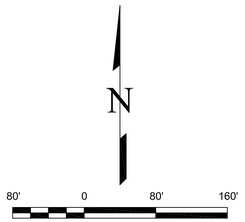
DRAWN BY	SRM
CHECKED BY	ERF
H-SCALE	1" = 80'
JOB NO.	1922-00
DATE CREATED	9-15-2020
DATE ISSUED	9-15-2020
SHEET NO	1 OF 3

SQUAW GULCH - 20VLF PHASE 2B PART 1

SOIL LINER FILL ASBUILT

FIELD DATA COLLECTED THROUGH AUGUST 19, 2020





SCALE: 1" = 80'

LEGEND:

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- SOIL LINER FILL ASBUILT - MINOR CONTOUR IN FT AMSL
- SOIL LINER FILL ASBUILT PREVIOUS SUBMITTALS - MAJOR CONTOUR IN FT AMS
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COLORADO LICENSED
EDWARD R. FISHER
38042
9/15/2020
PROFESSIONAL LAND SURVEYOR

EDWARD R. FISHER, PROFESSIONAL LAND SURVEYOR
COLORADO P.L.S. NO. 38042
FOR AND ON BEHALF OF EDWARD-JAMES SURVEYING, INC.

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SQUAW GLUCH - 20VLF PHASE 2B PART 1
SOIL LINER FILL ASBUILT

FIELD DATA COLLECTED THROUGH AUGUST 19, 2020

DRAWN BY	SRM
CHECKED BY	ERF
H-SCALE	1" = 80'
JOB NO.	1922-00
DATE CREATED	9-15-2020
DATE ISSUED	9-15-2020
SHEET NO	2 OF 3

SQUAW GULCH - 20VLF PHASE 2B PART 1

SOIL LINER FILL ASBUILT

FIELD DATA COLLECTED THROUGH AUGUST 19, 2020

19VLF PHASE 2B PART 1 - SOIL LINER FILL ASBUILTS				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
60559	57102.0	36890.1	10048.59	TOP
60561	57092.7	36932.1	10048.59	TOP
60569	56884.7	36936.5	9951.22	TOE
60571	56897.7	36878.9	9951.78	TOE
60577	57110.0	36850.5	10048.18	TOP
60579	57120.3	36808.9	10048.87	TOP
60867	57348.0	37264.2	10193.09	GRADE BREAK
60869	57358.6	37212.3	10193.04	GRADE BREAK
60871	57364.9	37161.4	10193.20	GRADE BREAK
60873	57371.5	37109.9	10193.32	GRADE BREAK
60875	57380.0	37057.1	10193.45	GRADE BREAK
60877	57392.1	37009.5	10193.87	GRADE BREAK
60900	57316.0	36988.7	10151.93	TOE
60902	57304.0	37039.3	10151.62	TOE
60904	57291.0	37092.1	10151.26	TOE
60906	57279.6	37146.0	10151.36	TOE
60908	57267.7	37200.8	10151.15	TOE
60910	57255.4	37250.9	10150.18	TOE
60912	57408.9	36958.3	10194.43	GRADE BREAK
60914	57423.6	36908.7	10193.71	GRADE BREAK
60916	57442.0	36852.5	10192.12	GRADE BREAK
60938	57329.5	36933.7	10152.52	TOE
60940	57344.0	36876.2	10152.63	TOE
60942	57357.6	36820.1	10152.01	TOE
70181	56149.6	37919.1	10063.75	GRADE BREAK
70183	56182.4	37962.4	10069.04	GRADE BREAK
70185	56218.5	38003.4	10073.62	GRADE BREAK
70187	56252.5	38044.1	10079.63	GRADE BREAK
70189	56284.8	38089.7	10088.86	GRADE BREAK
70199	56180.3	37902.1	10051.49	TOE
70201	56228.3	37935.2	10051.48	TOE
70203	56286.5	37960.9	10050.64	TOE
70205	56351.0	37978.9	10050.66	TOE
70222	56468.9	38201.5	10145.52	TOP
70224	56415.0	38194.1	10132.38	GRADE BREAK
70226	56359.3	38177.5	10116.80	GRADE BREAK
70228	56319.3	38134.2	10101.26	GRADE BREAK
70280	56421.2	37977.5	10050.28	TOE
70291	56572.0	38159.7	10150.77	TOP
70294	56621.3	38131.2	10150.52	TOP
70296	56678.0	38099.0	10151.03	TOP
70298	56732.7	38063.0	10149.95	TOP
70384	56478.8	37964.3	10050.08	TOE
70386	56539.8	37938.4	10049.95	TOE
70388	56593.5	37907.2	10049.41	TOE
70389	56621.1	37888.3	10049.48	TOE
70391	57152.8	37537.9	10149.92	TOP
70393	57175.8	37485.5	10149.41	TOP
70435	56994.6	37389.3	10048.50	TOE
70437	56975.0	37434.6	10049.31	TOE
70440	57196.2	37435.2	10149.29	TOP
70442	57211.5	37386.6	10150.12	TOP
70477	57008.9	37345.6	10048.46	TOE
70480	57024.9	37273.2	10048.42	TOE
70495	57222.6	37336.3	10149.50	TOP
70497	57232.9	37277.4	10148.60	TOP
70534	57035.7	37227.5	10048.58	TOE
70550	57329.0	36879.8	10151.23	TOP
70552	57317.2	36934.2	10151.26	TOP
70554	57302.2	36989.1	10150.65	TOP
70627	57095.7	36973.4	10049.52	TOE
70629	57110.4	36910.8	10049.38	TOE
70631	57123.5	36854.0	10049.79	TOE
70634	57199.3	36532.6	10050.18	TOE
70652	57213.1	36480.5	10050.57	TOE
70670	57444.3	36657.3	10148.63	TOP
70671	57467.7	36633.6	10148.17	TOP
70681	57504.0	36601.8	10148.57	TOP
70723	57226.2	36438.1	10050.83	TOE
70725	57244.1	36382.3	10051.06	TOE
70740	57541.5	36573.0	10149.25	TOP
70742	57587.2	36537.5	10149.50	TOP
70789	57256.6	36332.2	10050.81	TOE
70791	57274.1	36281.4	10050.58	TOE
70793	57297.5	36235.8	10050.84	TOE
70810	57638.2	36501.5	10150.08	TOP
70911	57332.4	36178.9	10050.64	TOE
70913	57370.6	36143.4	10050.83	TOE
70915	57415.8	36117.1	10050.45	TOE
70917	57464.1	36097.2	10050.52	TOE
70919	57513.8	36084.8	10050.63	TOE
70925	56934.2	38039.7	10197.42	GRADE BREAK
70927	56972.6	37990.2	10197.18	GRADE BREAK
70929	57009.7	37943.3	10196.64	GRADE BREAK
70951	56905.8	37909.0	10150.81	TOE
70953	56867.4	37959.0	10151.03	TOE
70955	56939.7	37860.8	10150.76	TOE
70957	56977.4	37812.5	10151.38	TOE
70959	57015.5	37763.9	10152.02	TOE
70965	57040.8	37894.7	10195.66	GRADE BREAK
70967	57074.7	37845.0	10195.49	GRADE BREAK
70995	57114.1	37634.7	10151.90	TOE
71001	57197.7	37664.0	10193.94	GRADE BREAK
71003	57228.4	37614.2	10194.46	GRADE BREAK

19VLF PHASE 2B PART 1 - SOIL LINER FILL ASBUILTS				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
71005	57254.6	37566.5	10194.10	GRADE BREAK
71026	57145.9	37583.8	10151.87	TOE
71028	57171.9	37530.6	10151.08	TOE
71030	57285.0	37512.5	10194.61	GRADE BREAK
71032	57306.3	37461.5	10193.84	GRADE BREAK
71034	57324.2	37404.7	10193.30	GRADE BREAK
71036	57332.8	37352.6	10192.73	GRADE BREAK
71038	57336.7	37316.9	10191.95	GRADE BREAK
71068	57193.7	37482.4	10150.78	TOE
71070	57218.2	37421.5	10151.18	TOE
71072	57233.7	37359.7	10151.05	TOE
71074	57244.1	37297.0	10149.55	TOE
71082	57461.4	36812.9	10191.09	GRADE BREAK
71084	57488.7	36760.0	10187.94	GRADE BREAK
71102	57377.3	36760.4	10151.34	TOE
71104	57402.0	36720.5	10150.72	TOE
71106	57442.8	36677.6	10150.64	TOE
71108	57490.8	36633.1	10149.90	TOE
71110	57541.9	36592.8	10150.78	TOE
71121	57587.0	36638.6	10174.87	GRADE BREAK
71123	57549.7	36679.5	10179.52	GRADE BREAK
71125	57514.4	36721.9	10184.21	GRADE BREAK
71127	57591.1	36553.2	10151.07	TOE
71130	57664.5	36504.4	10150.77	TOE
71141	57668.4	36550.4	10165.72	GRADE BREAK
71143	57626.3	36594.6	10169.99	GRADE BREAK
210167	57115.9	36651.6	10029.15	GRID
210174	56915.8	36751.7	9950.04	GRID
210175	57015.8	36751.6	9992.90	GRID
210182	56915.7	36851.6	9956.18	GRID
210183	57015.8	36851.6	10003.44	GRID
210227	57015.6	37451.5	10070.13	GRID
210228	57115.9	37451.6	10115.55	GRID
210235	57115.7	37551.7	10137.20	GRID
220162	57615.8	36551.6	10154.96	GRID
220171	57515.7	36651.6	10160.97	GRID
220179	57415.7	36751.6	10162.33	GRID
220187	57415.8	36851.5	10182.10	GRID
220201	57315.9	37051.5	10158.12	GRID
220208	57315.8	37151.6	10168.74	GRID
220213	57115.7	37251.5	10089.95	GRID
220214	57215.8	37251.5	10137.70	GRID
220215	57315.8	37251.5	10177.51	GRID
220222	57315.7	37351.7	10185.70	GRID
220229	57215.6	37451.5	10153.82	GRID
220236	57215.8	37551.6	10174.06	GRID
220248	57015.7	37751.6	10151.15	GRID
220258	57015.7	37851.6	10175.70	GRID
220263	56615.7	37951.6	10072.78	GRID
220266	56915.7	37951.6	10165.33	GRID
220268	56415.7	38051.5	10077.91	GRID
220269	56515.8	38051.6	10092.79	GRID
220270	56615.8	38051.5	10115.46	GRID
220271	56715.6	38051.5	10140.55	GRID
220274	56415.8	38151.6	10117.54	GRID
284027	57015.8	36051.5	9947.58	GRID
284885	56687.4	36988.9	9912.44	GRADE BREAK
284890	56715.8	37051.7	9922.77	GRID
285173	56551.7	37588.0	9980.65	GRADE BREAK
285175	56528.3	37641.6	9986.34	GRADE BREAK
285177	56502.1	37688.8	9991.37	GRADE BREAK
285179	56462.0	37724.7	9995.97	GRADE BREAK
285181	56422.7	37757.8	10002.88	GRADE BREAK
285183	56379.6	37781.7	10010.39	GRADE BREAK
285185	56330.3	37786.8	10017.69	GRADE BREAK
285187	56281.4	37771.1	10024.73	GRADE BREAK
285189	56234.3	37745.3	10029.85	GRADE BREAK
285192	56212.7	37750.8	10031.95	GRADE BREAK
285193	56203.6	37775.6	10032.65	GRADE BREAK
285198	56209.7	37853.0	10032.90	TOE
285200	56261.2	37875.8	10027.62	TOE
285202	56314.2	37892.6	10023.03	TOE
285204	56371.8	37895.1	10019.05	TOE
285206	56425.7	37884.0	10015.69	TOE
285208	56476.4	37861.5	10011.46	TOE
285210	56515.7	37851.6	10014.14	GRID
285211	56517.1	37834.3	10008.77	TOE
285213	56559.6	37802.5	10006.47	TOE
285215	56598.9	37765.6	10004.91	TOE
285217	56615.7	37751.5	10005.15	GRID
285218	56623.6	37729.2	10002.01	TOE
285220	56647.6	37683.3	9997.44	TOE
285222	56667.7	37634.1	9991.70	TOE
285225	56603.5	37620.5	9983.68	GRADE BREAK
285226	56615.7	37651.5	9988.22	GRID
285228	56581.4	37668.0	9988.43	GRADE BREAK
285230	56555.5	37715.5	9993.41	GRADE BREAK
285232	56515.7	37751.6	9997.84	GRID
285233	56526.7	37761.5	9998.68	GRADE BREAK
285235	56484.6	37795.5	10003.56	GRADE BREAK
285237	56448.3	37833.9	10008.77	GRADE BREAK
285240	56415.8	37851.6	10011.85	GRID
285242	56315.8	37851.6	10020.92	GRID

19VLF PHASE 2B PART 1 - SOIL LINER FILL ASBUILTS				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
285243	56215.8	37851.5	10032.03	GRID
285246	56192.1	37733.1	10036.17	GRADE BREAK
285247	56180.1	37759.3	10037.84	GRADE BREAK
285252	56169.3	37816.2	10039.60	TOE
285256	56159.0	37846.0	10046.48	TOP
285257	56172.6	37870.0	10048.54	TOP
285258	56189.2	37887.8	10049.39	TOP
285263	56307.7	37950.1	10048.54	TOP
285264	56315.6	37951.6	10048.24	GRID
285266	56361.5	37961.8	10048.63	TOP
285269	56415.7	37951.6	10044.17	GRID
285270	56441.4	37959.5	10048.52	TOP
285272	56493.7	37946.7	10048.88	TOP
285274	56545.0	37922.1	10048.69	TOP
285276	56591.0	37893.8	10047.94	TOP
285278	56630.9	37864.4	10047.77	TOP
285279	56615.7	37851.5	10039.02	GRID
285281	56675.9	37820.7	10047.52	TOP
285284	56725.3	37760.9	10048.08	TOP
285285	56715.7	37751.5	10042.26	GRID
285287	56759.8	37714.2	10048.18	TOP
285289	56790.0	37672.9	10047.82	TOP
285300	56915.6	37451.7	10035.07	GRID
285302	56715.7	37651.7	10014.14	GRID
285304	56685.0	37585.4	9985.60	TOE
285306	56702.8	37538.1	9979.50	TOE
285309	56715.7	37551.5	9985.85	GRID
285319	56715.7	37351.6	9955.52	GRID
285320	56715.7	37251.6	9944.58	GRID
285323	56629.1	37413.6	9961.54	GRADE BREAK
285325	56615.7	37451.6	9965.83	GRID
285327	56594.8	37490.1	9969.89	GRADE BREAK
285329	56572.6	37541.0	9975.61	GRADE BREAK
285330	56615.8	37551.5	9976.10	GRID
285331	56624.1	37582.9	9979.78	GRADE BREAK
285333	56644.5	37536.7	9974.90	GRADE BREAK
285335	56668.6	37487.7	9969.51	GRADE BREAK
285336	56715.7	37451.7	9966.97	GRID
285343	56804.5	37074.1	9933.97	GRADE BREAK
285345	56814.9	37130.2	9941.16	GRADE BREAK
285378	56715.7	37451.7	9966.97	GRID
285383	56715.7	37351.6	9955.59	GRID
285387	56715.7	37251.6	9944.61	GRID
285391	56715.6	37151.7	9933.92	GRID
285395	56715.7	37051.6	9922.73	GRID
285396	56685.4	37042.8	9917.74	GRADE BREAK
285398	56683.6	37100.4	9923.80	GRADE BREAK
285400	56682.1	37158.8	9929.99	GRADE BREAK
285402	56677.3	37219.7	9936.03	GRADE BREAK
285404	56756.4	37294.8	9951.05	GRADE BREAK
285406	56763.6	37239.5	9945.90	GRADE BREAK
285408	56776.5	37183.0	9940.88	GRADE BREAK
285410	56790.3	37127.3	9937.07	GRADE BREAK
285412	56815.7	37051.6	9934.96	GRID
285437	56915.8	37051.5	9977.06	GRID
285454	56915.9	37351.6	10011.64	GRID
285471	57015.8	37051.5	10026.27	GRID
285514	56841.0	37032.6	9941.97	TOE
285595	56825.7	37021.8	9938.21	GRADE BREAK
285663	56792.7	37016.0	9927.93	GRADE BREAK
286320	57042.8	37131.9	10047.83	TOP
286322	57032.7	37179.3	10047.46	TOP
286324	57021.1	37231.7	10047.68	TOP
286326	57015.7	37251.5	10047.45	GRID
286327	57009.1	37277.6	10047.19	TOP
286329	56998.7	37326.4	10047.19	TOP
286340	57015.7	37151.6	10036.74	GRID
286378	56915.8	37251.5	9998.46	GRID
286384	56915.8	37151.4	9987.84	GRID
286409	56828.6	37104.8	9942.67	TOE
286412	56815.9	37151.6	9943.84	GRID
286413	56824.3	37175.5	9948.37	TOE
286415	56824.6	37238.6	9954.76	TOE
286416	56815.7	37251.6	9954.76	GRID
286418	56822.5	37294.8	9960.51	TOE
286463	56662.6	37327.0	9949.36	GRADE BREAK
286467	56644.8	37374.8	9956.44	GRADE BREAK
286472	56979.1	37386.3	10047.05	TOP
286474	56960.4	37430.9	10047.21	TOP
286476	56932.9	37476.6	10047.24	TOP
286478	56902.8	37518.3	10047.50	TOP
286480	56875.6	37559.4	10048.25	TOP
286482	56852.3	37589.9	10048.34	TOP
286504	56815.6	37551.5	10024.37	GRID
286517	56815.6	37451.7	9996.53	GRID
286545	56816.6	37337.6	9964.06	TOE
286546	56815.7	37351.6	9966.63	GRID
286548	56778.7	37390.9	9966.41	TOE
286550	56751.6	37439.2	9969.45	TOE
286552	56725.0	37486.1	9973.39	TOE
286556	56669.9	37264.7	9941.54	GRADE BREAK
287042	56873.3	36976.7	9949.53	TOE
287063	57071.0	37014.2	10048.09	TOP

19VLF PHASE 2B PART 1 - SOIL LINER FILL ASBUILTS				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
287103	56915.8	36951.5	9966.22	GRID
287104	57015.4	36951.5	10014.62	GRID
287114	57153.3	36666.6	10048.71	TOP
287116	57142.7	36715.6	10049.17	TOP
287118	57130.3	36769.3	10049.01	TOP
287122	57115.8	36751.6	10039.92	GRID
287146	57015.8	36751.6	9993.00	GRID
287153	57015.6	36651.6	9982.74	GRID
287165	56954.8	36630.5	9951.86	TOE
287167	56938.9	36690.9	9951.41	TOE
287168	56931.6	36722.6	9951.51	TOE
287192	56964.0	36582.4	9951.56	TOE
287194	56974.8	36530.1	9951.28	TOE
287200	57015.6	36551.5	9971.30	GRID
287222	57115.6	36551.7	10019.14	GRID
287226	57115.9	36651.6	10029.24	GRID
287239	57163.6	36615.1	10048.52	TOP
287241	57176.3	36560.5	10048.62	TOP
287247	56984.3	36488.9	9951.23	TOE
287249	56997.1	36435.5	9952.07	TOE
287253	57015.7	36451.5	9960.35	GRID
287270	57115.7	36451.5	10008.29	GRID
287287	57202.7	36456.7	10049.83	TOP
287289	57189.2	36508.3	10049.24	TOP
287401	57004.8	36378.5	9952.06	TOE
287403	57015.7	36351.5	9954.52	GRID
287404	57008.9	36325.2	9951.64	TOE
287406	57014.4	36279.5	9951.75	TOE
287408	57015.6	36251.6	9951.45	GRID
287410	57020.9	36202.7	9951.05	TOE
287412	57024.9	36147.6	9950.61	TOE
287413	57015.7	36151.7	9949.74	GRID
287415	57028.4	36090.3	9950.38	TOE
287428	57115.8	36051.5	9974.06	GRID
287434	57115.6	36151.6	9985.95	GRID
287456	57215.7	36151.6	10018.58	GRID
287471	57293.6	36206.9	10049.25	TOP
287473	57326.6	36162.8	10049.60	TOP
287475	57315.8	36151.4	10044.69	GRID
287486	57268.6	36249.0	10049.88	TOP
287488	57247.1	36299.8	10049.70	TOP
287490	57232.4	36348.7	10049.76	TOP
287492	57215.8	36351.5	10042.97	GRID
287493	57218.9	36397.9	10049.90	TOP
287497	57215.6	36251.7	10032.62	GRID
287498	57115.7	36251.5	9993.47	GRID
287499	57115.8	36351.6	9999.16	GRID
287506	57356.7	36129.4	10049.28	TOP
287513	57315.6	36051.7	10022.95	GRID
287534	57215.7	36051.5	10002.37	GRID
287541	57215.8	35951.5	9982.81	GRID
287563	57115.6	35951.6	9961.23	GRID
287567	57139.3	35874.4	9951.32	TOE
287569	57100.9	35910.7	9949.97	TOE
287572	57051.7	35980.1	9948.74	TOE
287902	57402.8	36100.5	10048.46	TOP
287947	57210.0	35819.3	9951.59	TOE
287949	57167.1	35849.4	9951.84	TOE
287953	57457.7	36080.4	10048.84	TOP
288023	57410.9	35781.3	9952.82	TOE
288025	57354.9	35780.3	9952.83	TOE
288027	57297.9	35787.6	9952.10	TOE
288029	57248.3	35801.8	9951.84	TOE
288035	57415.7	36051.5	10036.50	GRID
288036	57315.7	35951.6	9998.73	GRID
288037	57215.7	35851.7	9959.45	GRID
288039	57315.8	35851.6	9972.91	GRID
288040	57415.8	35851.6	9977.49	GRID
288062	57415.8	35951.6	10007.34	GRID
288069	57513.6	36066.8	10049.40	TOP
288072	56215.7	37951.7	10058.20	GRID
288078	56315.7	38051.5	10075.99	GRID
288315	56516.1	38190.1	10151.30	TOP
288316	56538.0	38177.6	10150.96	TOP
288317	56515.8	38151.6	10134.84	GRID
288344	56771.4	38033.0	10149.98	TOP
288346	56808.7	37998.2	10149.75	TOP
288348	56841.5	37959.4	10149.21	TOP
288350	56872.1	37922.1	10149.92	TOP
288357	56815.7	37951.6	10136.96	GRID
288385	56715.7	37951.7	10101.37	GRID
288393	56815.8	37851.6	10104.89	GRID
288425	56715.7	37851.6	10065.36	GRID
288430	56643.9	37871.8	10049.18	TOE
288432	56682.0	37834.7	10048.86	TOE
288434	56716.5	37794.8	10049.17	TOE
288438	56908.7	37875.8	10149.44	TOP
288440	56915.7	37851.7	10144.97	GRID
288441	56938.9	37838.5	10149.65	TOP
288443	56972.9	37793.1	10150.29	TOP
288456	56915.6	37751.6	10114.16	GRID
288479	56815.7	37751.6	10074.81	GRID
288496	56750.4	37749.9	10049.59	TOE

19VLF PHASE 2B PART 1 - SOIL LINER FILL ASBUILTS				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
288498	56785.3	37701.9	10049.57	TOE
288732	56821.1	37654.1	10049.22	TOE
288733	56815.8	37651.6	10048.67	GRID
288735	56851.7	37612.0	10048.90	TOE
288746	56915.8	37651.7	10084.86	GRID
288765	56998.6	37759.0	10150.18	TOP
288767	57028.8	37719.8	10150.70	TOP
289232	56879.0	37573.7	10048.78	TOE
289234	56913.1	37528.4	10049.01	TOE
289236	56945.8	37482.7	10048.71	TOE
289242	56915.7	37551.6	10056.34	GRID
289264	57015.7	37551.7	10095.14	GRID
289277	57015.7	37651.7	10124.85	GRID
289285	57115.8	37551.7	10137.21	GRID
289293	57064.8	37674.0	10150.69	TOP
289296	57096.1	37632.3	10150.75	TOP
289298	57124.1	37589.6	10150.46	TOP
289334	57243.8	37234.4	10149.18	TOP
289336	57256.7	37181.5	10149.74	TOP
289338	57269.3	37129.3	10150.19	TOP
289340	57279.3	37081.3	10150.39	TOP
289342	57292.6	37025.5	10150.31	TOP
289356	57215.8	37151.7	10126.65	GRID
289368	57215.7	37051.5	10115.29	GRID
289414	57115.7	37151.5	10078.84	GRID
289424	57115.8	37051.5	10067.53	GRID
289428	57050.0	37173.7	10048.91	TOE
289430	57061.0	37124.0	10048.70	TOE
289432	57072.9	37071.8	10049.48	TOE
289741	57184.2	36602.7	10050.56	TOE
289743	57171.3	36658.7	10050.46	TOE
289746	57150.3	36746.2	10049.92	TOE
289748	57137.4	36798.4	10050.02	TOE
289762	57215.8	36651.4	10070.59	GRID
289767	57215.7	36751.6	10081.86	GRID
289797	57315.7	36651.7	10113.77	GRID
289805	57315.7	36751.6	10129.72	GRID
289810	57315.8	36851.6	10141.85	GRID
289812	57341.8	36828.3	10151.00	TOP
289814	57355.6	36774.1	10149.85	TOP
289816	57382.4	36722.5	10149.20	TOP
289818	57419.4	36680.5	10149.11	TOP
290046	56526.6	38208.2	10155.01	GRADE BREAK
290048	56582.4	38206.0	10162.29	GRADE BREAK
290050	56633.9	38200.1	10170.87	GRADE BREAK
290052	56682.2	38193.4	10179.86	GRADE BREAK
290054	56734.2	38183.2	10190.20	GRADE BREAK
290056	56770.3	38172.3	10196.25	GRADE BREAK
290058	56810.2	38146.0	10196.98	GRADE BREAK
290060	56859.4	38114.5	10197.81	GRADE BREAK
290062	56900.3	38078.8	10197.59	GRADE BREAK
290073	56715.7	38151.6	10175.13	GRID
290097	56815.7	38051.5	10163.05	GRID
290109	56558.0	38187.6	10152.24	TOE
290111	56608.3	38159.4	10151.62	TOE
290112	56615.7	38151.5	10151.37	GRID
290114	56655.5	38133.2	10152.09	TOE
290116	56704.6	38102.8	10152.01	TOE
290118	56750.6	38071.0	10151.29	TOE
290120	56796.8	38033.6	10151.04	TOE
290122	56832.4	37999.1	10150.85	TOE
290158	57054.6	37713.3	10151.96	TOE
290160	57089.5	37669.5	10152.47	TOE
290162	57115.6	37651.6	10157.27	GRID
290177	57115.7	37751.6	10186.22	GRID
290180	57109.4	37797.1	10195.49	GRADE BREAK
290182	57142.5	37749.4	10195.32	GRADE BREAK
290184	57169.7	37704.2	10194.39	GRADE BREAK
700000	57015.8	37351.6	10051.75	GRID
700001	57115.7	37351.6	10099.62	GRID
700002	57315.0	36951.7	10151.06	GRID
700003	57315.7	36851.6	10141.73	GRID
700004	57215.8	36951.7	10103.93	GRID
700005	57215.8	36851.6	10093.46	GRID
700006	57115.7	36951.7	10056.00	GRID
700007	57115.7	36851.4	10049.27	GRID
700008	57215.8	36551.6	10059.39	GRID
700009	57215.7	36451.7	10050.56	GRID
700010	57315.8	36551.5	10092.46	GRID
700011	57415.6	36651.6	10140.48	GRID
700012	57415.8	36351.5	10090.36	GRID
700013	57515.7	36351.6	10105.90	GRID
700014	57415.7	36251.5	10076.13	GRID
700015	57415.8	36151.6	10058.41	GRID
700016	57615.8	36451.6	10137.16	GRID
700017	57515.8	36251.5	10087.05	GRID
700019	57515.7	36551.5	10139.60	GRID
700020	57315.8	36251.6	10056.48	GRID
700021	57515.7	36451.6	10122.62	GRID
700022	57415.7	36451.5	10102.43	GRID
700023	57315.8	36351.5	10067.83	GRID
700024	57415.8	36551.6	10115.80	GRID
700025	57315.7	36451.5	10076.98	GRID

GENERAL NOTES:

1. COORDINATES HEREIN ARE BASED ON THE CONTROL RECEIVED FROM NEWMONT AND FORESIGHT WEST SURVEYING INC. PER EXHIBIT "PRIMARY CONTROL THRU 2016"

NOTICE:

*ACCORDING TO COLORADO LAW YOU **MUST** COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE OF THE CERTIFICATION SHOWN HEREON.*

SURVEYOR'S STATEMENT:

I, EDWARD R. FISHER, A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO, DO HEREBY CERTIFY ONLY TO TEZAK HEAVY EQUIPMENT CO. INC., AND CRIPPLE CREEK & VICTOR GOLD MINING COMPANY THAT FROM APRIL, 2020, THROUGH AUGUST, 2020, AS-BUILT SURVEYS WERE CONDUCTED UNDER MY SUPERVISION AND THE MAPS HEREIN ACCURATELY REPRESENTS SAID SURYEYS, TO THE BEST OF MY KNOWLEDGE.

COLORADO LICENSED
EDWARD R. FISHER
38042
9/15/2020
PROFESSIONAL LAND SURVEYOR

EDWARD R. FISHER, PROFESSIONAL LAND SURVEYOR
COLORADO P.L.S. NO. 38042
FOR AND ON BEHALF OF EDWARD-JAMES SURVEYING, INC.

REVISIONS		
NO.	DESCRIPTION	DATE

EDWARD-JAMES SURVEYING, INC.

926 Elkton Drive
Colorado Springs, CO 80907
Office: (719) 576-1216
Fax: (719) 576-1206

4732 Eagleridge Circle
Pueblo, CO 81008
Office: (719) 545-6240
Fax: (719) 545-6247

SQUAW GLUCH - 20VLF PHASE 2B PART 1
SOIL LINER FILL ASBUILT

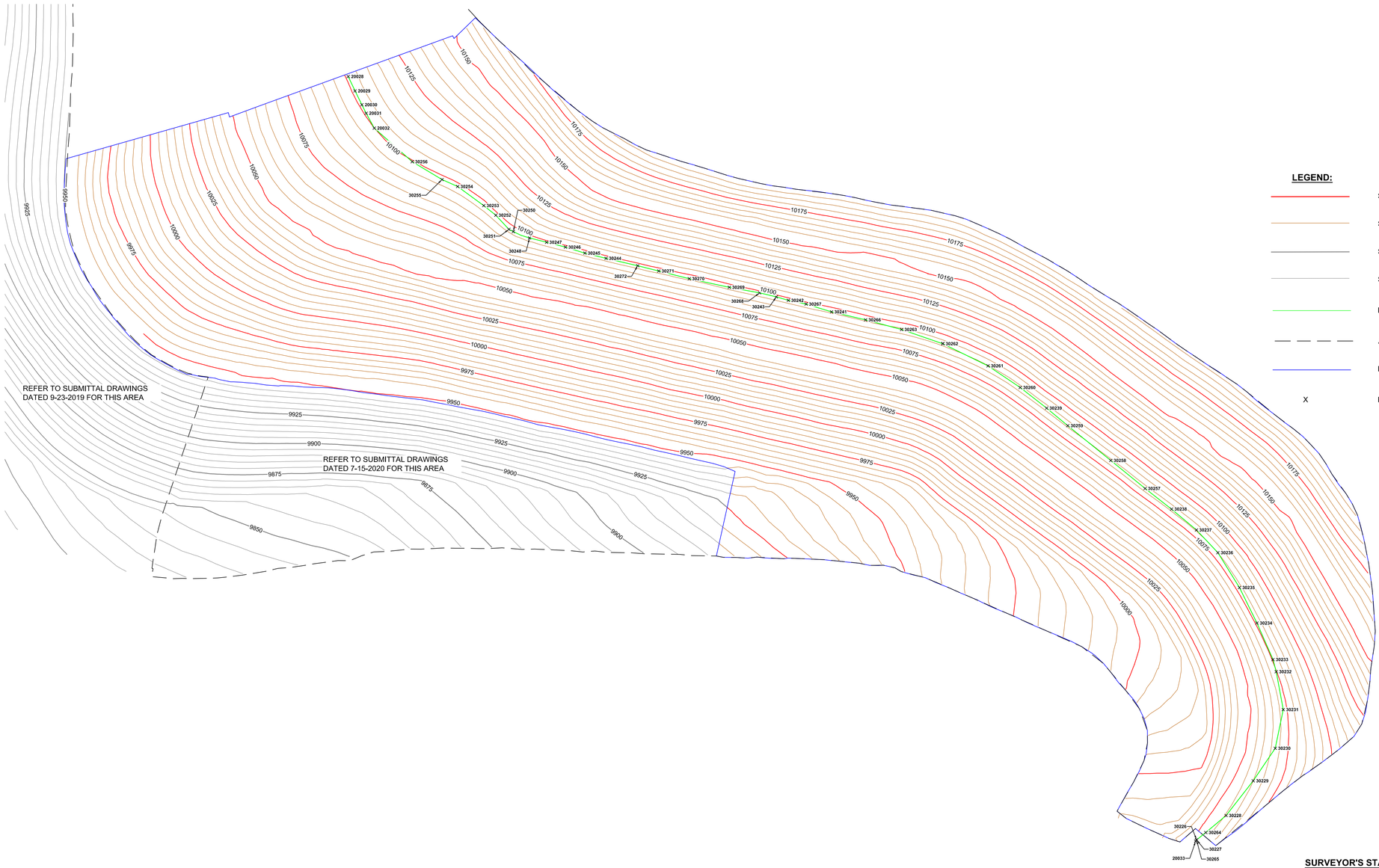
FIELD DATA COLLECTED THROUGH AUGUST 19, 2020

DRAWN BY	SRM
CHECKED BY	ERF
H-SCALE	N/A
JOB NO.	1922-00
DATE CREATED	9-15-2020
DATE ISSUED	9-15-2020
SHEET NO	3 OF 3

SQUAW GULCH - 20VLF PHASE 2B PART 1

LEAK DETECTION PIPE ASBUILTS

FIELD DATA COLLECTED THROUGH APRIL 24, 2020



N

100' 0 100' 200'

SCALE: 1" = 100'

LEGEND:

- SOIL LINER FILL ASBUILT - MAJOR CONTOUR IN FT AMSL
- SOIL LINER FILL ASBUILT - MINOR CONTOUR IN FT AMSL
- SOIL LINER FILL PREVIOUS SUBMITTALS - MAJOR CONTOUR IN FT AMSL
- SOIL LINER FILL PREVIOUS SUBMITTALS - MINOR CONTOUR IN FT AMSL
- LEAK DETECTION PIPE ASBUILT
- APPROXIMATE LIMIT OF PHASE 2B GEOMEMBRANE LIMITS
- LIMITS OF GEOMEMBRANE PHASE 2B PART 1
- X POINT

GENERAL NOTES:

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NOTICE:

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COLORADO LICENSED
EDWARD R. FISHER
38042
PROFESSIONAL LAND SURVEYOR

EDWARD R. FISHER, PROFESSIONAL LAND SURVEYOR
COLORADO P.L.S. NO. 38042
FOR AND ON BEHALF OF EDWARD-JAMES SURVEYING, INC.

NO.	REVISIONS DESCRIPTION	DATE

EDWARD-JAMES SURVEYING, INC.
926 Elkton Drive
Colorado Springs, CO 80907
Office: (719) 576-1216
Fax: (719) 576-1206

4732 Eagleridge Circle
Pueblo, CO 81008
Office: (719) 545-6240
Fax: (719) 545-6247

SQUAW GULCH - 20VLF PHASE 2B PART 1
LEAK DETECTION PIPE ASBUILTS

FIELD DATA COLLECTED THROUGH APRIL 24, 2020

DRAWN BY	SRM
CHECKED BY	ERF
H-SCALE	1" = 100'
JOB NO.	1922-00
DATE CREATED	9-15-2020
DATE ISSUED	9-15-2020
SHEET NO	1 OF 2

SQUAW GULCH - 20VLF PHASE 2B PART 1

LEAK DETECTION PIPE ASBUILTS

FIELD DATA COLLECTED THROUGH APRIL 24, 2020

19VLF PHASE 2B-1 -LEAK DETECTION ASBUILTS				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
20028	57582.5	36292.5	10098.88	TOP PIPE
20029	57555.5	36305.2	10098.67	TOP PIPE
20030	57529.7	36318.0	10098.26	TOP PIPE
20031	57513.9	36326.0	10098.14	TOP PIPE
20032	57486.0	36341.2	10097.53	TOP PIPE
20033	56153.1	37876.1	10049.17	MANHOLE
30226	56155.5	37877.9	10041.87	TOP PIPE
30227	56155.5	37877.9	10041.89	TOP PIPE
30228	56200.9	37932.8	10051.33	TOP PIPE
30229	56265.8	37983.6	10056.08	TOP PIPE
30230	56326.6	38024.7	10063.10	TOP PIPE
30231	56398.9	38039.7	10067.75	TOP PIPE
30232	56469.8	38026.6	10068.88	TOP PIPE
30233	56492.5	38020.5	10070.08	TOP PIPE
30234	56560.7	37990.6	10071.97	TOP PIPE
30235	56627.1	37957.9	10073.32	TOP PIPE
30236	56692.3	37917.5	10075.38	TOP PIPE
30237	56734.7	37877.5	10075.87	TOP PIPE
30238	56773.8	37831.0	10077.97	TOP PIPE
30239	56962.5	37597.5	10083.31	TOP PIPE
30240	57083.3	37403.6	10087.08	TOP PIPE
30241	57142.5	37195.6	10090.40	TOP PIPE
30242	57164.0	37114.9	10091.04	TOP PIPE
30243	57170.6	37092.5	10091.20	TOP PIPE
30244	57242.6	36774.2	10093.62	TOP PIPE
30245	57252.3	36734.8	10093.50	TOP PIPE
30246	57263.5	36698.5	10093.91	TOP PIPE
30247	57272.6	36663.1	10094.13	TOP PIPE
30248	57280.7	36631.3	10094.53	TOP PIPE
30250	57292.6	36601.0	10095.34	TOP PIPE
30251	57296.8	36592.7	10095.17	TOP PIPE
30252	57323.2	36568.2	10095.63	TOP PIPE
30253	57341.2	36545.7	10095.53	TOP PIPE
30254	57376.8	36497.0	10095.61	TOP PIPE
30255	57389.9	36467.8	10095.81	TOP PIPE
30256	57423.2	36412.1	10096.78	TOP PIPE
30257	56812.3	37781.6	10078.64	TOP PIPE
30258	56864.7	37717.4	10079.57	TOP PIPE
30259	56929.7	37637.1	10082.50	TOP PIPE
30260	57001.1	37548.3	10084.14	TOP PIPE
30261	57041.6	37488.1	10085.25	TOP PIPE
30262	57082.9	37403.6	10086.98	TOP PIPE
30263	57109.5	37326.6	10088.72	TOP PIPE
30264	56169.2	37895.0	10046.92	TOP PIPE
30265	56155.3	37877.6	10050.08	TOP PIPE
30266	57127.5	37259.3	10089.55	TOP PIPE
30267	57157.0	37148.1	10090.97	TOP PIPE
30268	57178.0	37061.2	10091.34	TOP PIPE
30269	57188.4	37004.6	10091.94	TOP PIPE
30270	57204.5	36929.7	10092.85	TOP PIPE
30271	57218.9	36872.8	10093.28	TOP PIPE
30272	57228.7	36833.5	10093.35	TOP PIPE

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COLORADO LICENSED
EDWARD R. FISHER
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9/15/2020
PROFESSIONAL LAND SURVEYOR

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COLORADO P.L.S. NO. 38042
FOR AND ON BEHALF OF EDWARD-JAMES SURVEYING, INC.

REVISIONS

NO.	DESCRIPTION	DATE

EDWARD-JAMES SURVEYING, INC.
926 Elkton Drive
Colorado Springs, CO 80907
Office: (719) 576-1216
Fax: (719) 576-1206
4732 Eagleridge Circle
Pueblo, CO 81008
Office: (719) 545-6240
Fax: (719) 545-6247

SQUAW GULCH - 20VLF PHASE 2B PART 1
LEAK DETECTION PIPE ASBUILTS

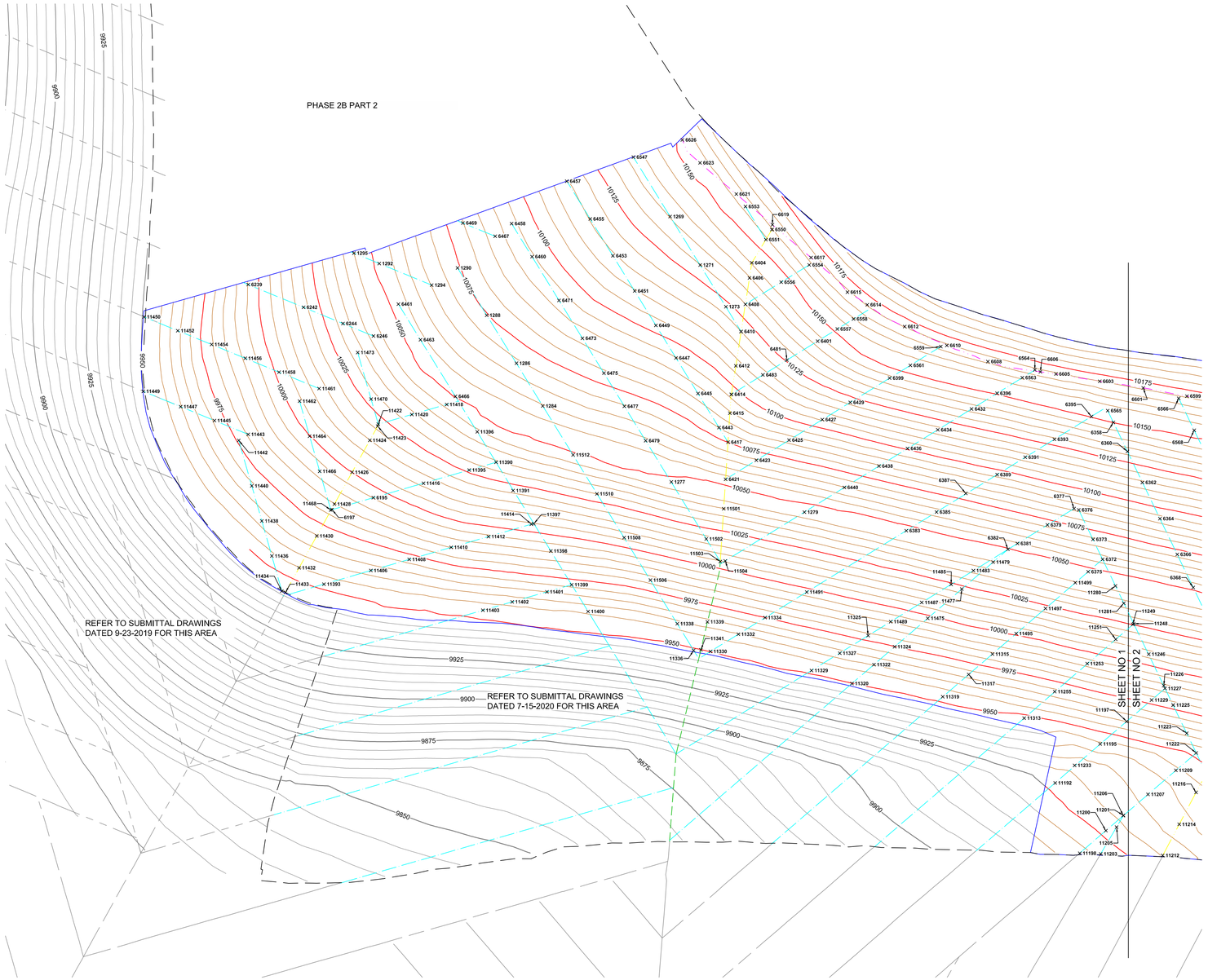
FIELD DATA COLLECTED THROUGH APRIL 24, 2020

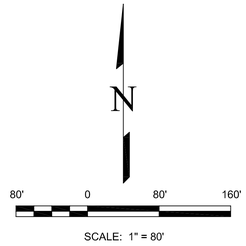
DRAWN BY	SRM
CHECKED BY	ERF
H-SCALE	N/A
JOB NO.	1922-00
DATE CREATED	9-15-2020
DATE ISSUED	9-15-2020
SHEET NO	2 OF 2

SQUAW GULCH - 20VLF PHASE 2B PART 1

HIGH VOLUME COLLECTION PIPE ASBUILTS

FIELD DATA COLLECTED THROUGH AUGUST 31, 2020





SCALE: 1" = 80'

LEGEND:

- SOIL LINER FILL ASBUILT - MAJOR CONTOUR IN FT AMSL
- SOIL LINER FILL ASBUILT - MINOR CONTOUR IN FT AMSL
- SOIL LINER FILL PREVIOUS SUBMITTALS - MAJOR CONTOUR IN FT AMSL
- SOIL LINER FILL PREVIOUS SUBMITTALS - MINOR CONTOUR IN FT AMSL
- APPROXIMATE LIMIT OF PHASE 2B GEOMEMBRANE LIMITS
- LIMITS OF GEOMEMBRANE PHASE 2B PART 1
- APPROXIMATE LOCATION OF PIPE INSTALLMENT FOR PREVIOUS CONTRACT - INFORMATION PROVIDED BY NEWMONT
- ASBUILT LOCATION OF PIPE INSTALLMENT PHASE 2A, 2019
- 4 INCH DIAMETER CPE PIPE ASBUILT
- 8 INCH DIAMETER CPE PIPE ASBUILT
- 12 INCH DIAMETER CPE PIPE ASBUILT
- 15 INCH DIAMETER CPE PIPE ASBUILT
- X POINT

GENERAL NOTES:

1. COORDINATES HEREIN ARE BASED ON THE CONTROL RECEIVED FROM NEWMONT AND FORESIGHT WEST SURVEYING INC. PER EXHIBIT "PRIMARY CONTROL THRU 2016"

SURVEYOR'S STATEMENT:

I, EDWARD R. FISHER, A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO, DO HEREBY CERTIFY ONLY TO TEZAK HEAVY EQUIPMENT CO. INC., AND CRIPPLE CREEK & VICTOR GOLD MINING COMPANY THAT FROM APRIL, 2020 THROUGH AUGUST, 2020 AS-BUILT SURVEYS WERE CONDUCTED UNDER MY SUPERVISION AND THE MAPS HEREIN ACCURATELY REPRESENTS SAID SURYEYS, TO THE BEST OF MY KNOWLEDGE.

COLORADO LICENSED
EDWARD R. FISHER
38042
9/15/2020
PROFESSIONAL LAND SURVEYOR

EDWARD R. FISHER, PROFESSIONAL LAND SURVEYOR
COLORADO P.L.S. NO. 38042
FOR AND ON BEHALF OF EDWARD-JAMES SURVEYING, INC.

NOTICE:

*ACCORDING TO COLORADO LAW YOU **MUST** COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE OF THE CERTIFICATION SHOWN HEREON.*

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SQUAW GULCH - 20VLF PHASE 2B PART 1
HIGH VOLUME COLLECTION PIPE ASBUILTS

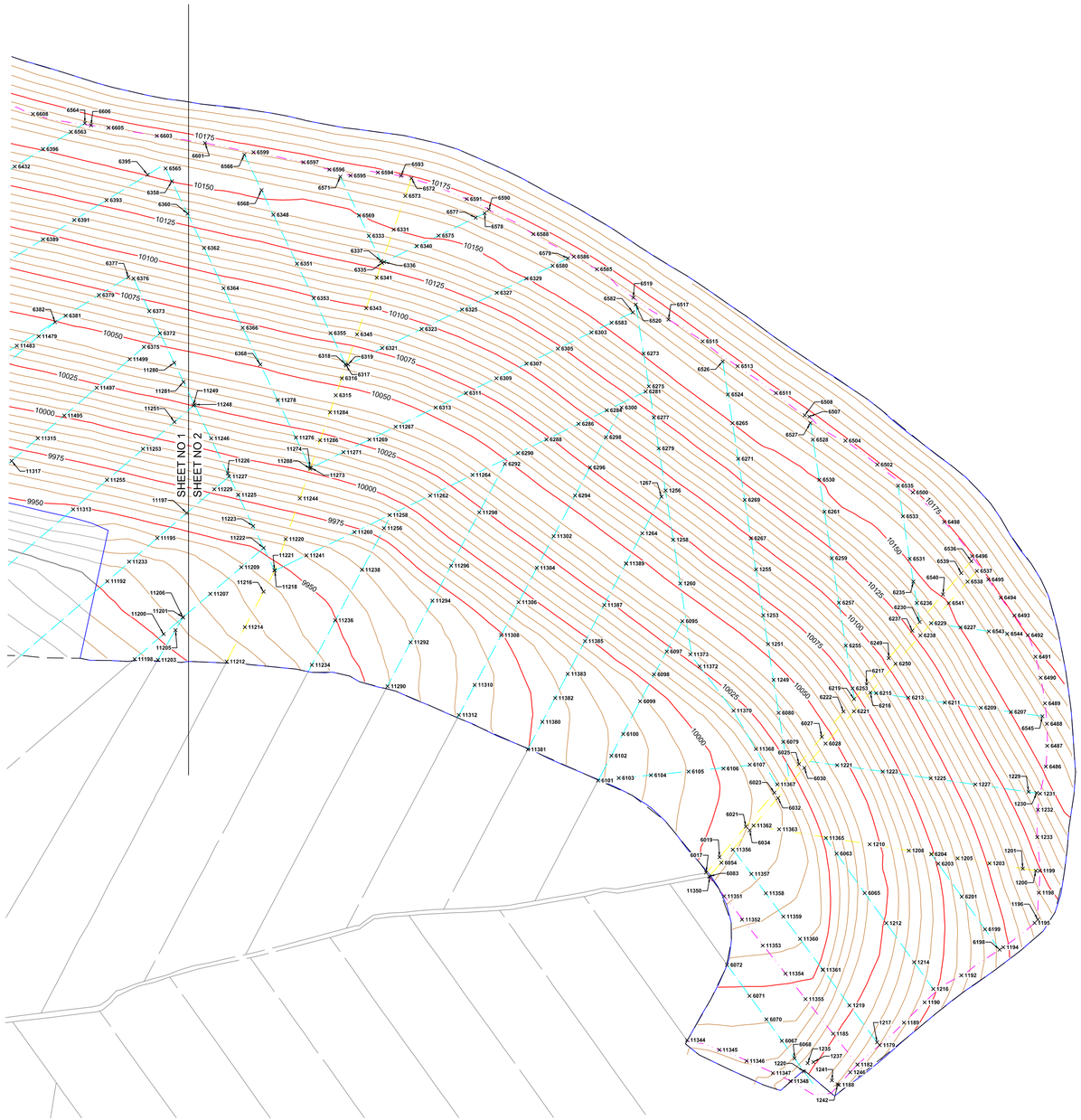
FIELD DATA COLLECTED THROUGH AUGUST 31, 2020

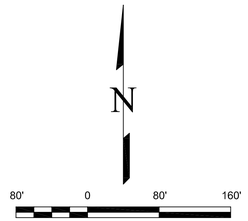
DRAWN BY	SRM
CHECKED BY	ERF
H-SCALE	1" = 80'
JOB NO.	1922-00
DATE CREATED	9-15-2020
DATE ISSUED	9-15-2020
SHEET NO	1 OF 3

SQUAW GULCH - 20VLF PHASE 2B PART 1

HIGH VOLUME COLLECTION PIPE ASBUILTS

FIELD DATA COLLECTED THROUGH AUGUST 31, 2020





SCALE: 1" = 80'

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- SOIL LINER FILL ASBUILT - MINOR CONTOUR IN FT AMSL
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EDWARD R. FISHER, PROFESSIONAL LAND SURVEYOR
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SQUAW GULCH - 20VLF PHASE 2B PART 1
HIGH VOLUME COLLECTION PIPE ASBUILTS

FIELD DATA COLLECTED THROUGH AUGUST 31, 2020

DRAWN BY	SRM
CHECKED BY	ERF
H-SCALE	1" = 80'
JOB NO.	1922-00
DATE CREATED	9-15-2020
DATE ISSUED	9-15-2020
SHEET NO	2 OF 3

SQUAW GULCH - 20VLF PHASE 2B PART 1

HIGH VOLUME COLLECTION PIPE ASBUILTS

FIELD DATA COLLECTED THROUGH AUGUST 31, 2020

19VLF PHASE 2B-1 - HIGH VOLUME COLLECTION PIPE ASBUILTS				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
1179	56207.5	37969.5	10065.32	12 INCH BOP
1181	56183.4	37942.0	10062.21	12 INCH BOP
1182	56183.5	37942.0	10062.14	12 INCH BOP
1185	56221.7	37911.9	10049.64	12 INCH BOP
1188	56158.6	37919.0	10061.02	12 INCH BOP
1189	56235.4	37999.4	10069.00	12 INCH BOP
1190	56260.5	38025.0	10072.73	12 INCH BOP
1192	56293.8	38070.4	10082.20	12 INCH BOP
1194	56328.6	38122.2	10097.89	12 INCH BOP
1195	56358.7	38161.0	10112.18	12 INCH BOP
1196	56362.9	38165.1	10113.87	12 INCH BOP
1198	56396.1	38166.3	10119.72	12 INCH BOP
1199	56423.3	38167.4	10124.68	12 INCH BOP
1200	56423.3	38162.7	10122.93	8 INCH BOP
1201	56425.9	38146.4	10116.85	8 INCH BOP
1203	56432.4	38105.2	10101.44	8 INCH BOP
1205	56438.7	38065.7	10086.25	8 INCH BOP
1207	56443.9	38033.3	10073.58	8 INCH BOP
1208	56448.2	38005.5	10063.05	8 INCH BOP
1210	56456.0	37957.0	10048.46	8 INCH BOP
1212	56358.4	37977.6	10050.16	4 INCH BOP
1214	56310.2	38012.0	10064.59	4 INCH BOP
1216	56277.0	38035.7	10073.51	4 INCH BOP
1217	56211.0	37966.2	10063.60	4 INCH BOP
1219	56256.7	37932.1	10049.30	4 INCH BOP
1220	56175.0	37875.8	10048.92	4 INCH BOP
1221	56553.8	37916.8	10048.58	4 INCH BOP
1223	56546.0	37973.2	10065.58	4 INCH BOP
1225	56537.6	38032.6	10089.53	4 INCH BOP
1227	56530.1	38087.7	10111.39	4 INCH BOP
1229	56520.8	38153.6	10136.70	4 INCH BOP
1230	56519.5	38163.6	10140.54	4 INCH BOP
1231	56518.5	38167.9	10142.23	12 INCH BOP
1232	56498.7	38165.1	10136.75	12 INCH BOP
1233	56464.9	38164.4	10129.93	12 INCH BOP
1235	56185.3	37880.4	10048.51	4 INCH BOP
1237	56186.6	37887.5	10049.95	4 INCH BOP
1241	56164.0	37910.5	10057.19	4 INCH BOP
1242	56159.1	37917.4	10060.72	4 INCH BOP
1246	56174.0	37933.0	10061.80	4 INCH BOP
1249	56659.4	37838.3	10047.36	4 INCH BOP
1251	56703.7	37831.4	10054.67	4 INCH BOP
1253	56739.2	37825.5	10066.28	4 INCH BOP
1255	56796.0	37816.5	10085.89	4 INCH BOP
1256	56893.5	37704.7	10091.61	4 INCH BOP
1258	56832.6	37714.1	10070.15	4 INCH BOP
1260	56778.6	37722.9	10052.63	4 INCH BOP
1262	56803.1	37655.7	10047.77	4 INCH BOP
1264	56840.5	37675.7	10061.96	4 INCH BOP
1267	56885.8	37699.5	10086.85	4 INCH BOP
1269	57558.2	36486.5	10135.62	4 INCH BOP
1271	57491.7	36527.7	10129.71	4 INCH BOP
1273	57434.6	36563.0	10123.02	4 INCH BOP
1274	57400.3	36583.7	10119.94	4 INCH BOP
1275	57314.0	36570.5	10096.57	4 INCH BOP
1277	57194.2	36488.2	10049.45	4 INCH BOP
1279	57152.8	36670.6	10048.66	4 INCH BOP
1284	57298.3	36312.0	10059.38	4 INCH BOP
1286	57357.0	36275.9	10068.81	4 INCH BOP
1288	57422.8	36235.1	10074.43	4 INCH BOP
1290	57487.7	36195.2	10074.33	4 INCH BOP
1292	57493.7	36087.8	10050.61	4 INCH BOP
1294	57464.1	36159.7	10065.36	4 INCH BOP
1295	57508.0	36053.2	10045.05	4 INCH BOP
6017	56421.0	37754.7	10002.24	8 INCH BOP
6019	56440.0	37771.4	10003.43	8 INCH BOP
6021	56477.8	37804.0	10004.69	8 INCH BOP
6023	56519.8	37839.1	10010.30	8 INCH BOP
6025	56555.2	37869.6	10030.88	8 INCH BOP
6027	56588.9	37897.8	10048.19	8 INCH BOP
6028	56580.5	37902.6	10048.25	8 INCH BOP
6030	56550.4	37876.2	10032.31	8 INCH BOP
6032	56513.1	37843.6	10010.62	8 INCH BOP
6034	56473.4	37808.6	10005.34	8 INCH BOP
6043	56301.1	37899.2	10027.87	4 INCH BOP
6054	56433.2	37773.6	10004.15	8 INCH BOP
6063	56444.5	37916.2	10030.29	4 INCH BOP
6065	56395.7	37951.0	10043.47	4 INCH BOP
6067	56212.9	37848.4	10032.23	4 INCH BOP
6068	56191.3	37864.1	10040.31	4 INCH BOP
6070	56239.4	37829.4	10029.53	4 INCH BOP
6071	56268.5	37808.4	10026.24	4 INCH BOP
6072	56306.8	37780.6	10021.15	4 INCH BOP
6079	56582.7	37850.1	10029.59	4 INCH BOP
6080	56618.6	37844.5	10037.05	4 INCH BOP
6083	56416.3	37758.6	10003.23	8 INCH BOP
6095	56732.0	37725.4	10041.08	4 INCH BOP
6097	56694.4	37706.1	10021.60	4 INCH BOP
6098	56666.2	37690.3	10005.54	4 INCH BOP
6099	56632.8	37673.1	9993.26	4 INCH BOP
6100	56592.3	37652.2	9987.04	4 INCH BOP
6101	56534.9	37621.1	9984.19	4 INCH BOP
6102	56565.5	37637.6	9985.43	4 INCH BOP
6103	56538.0	37646.7	9986.59	4 INCH BOP
6104	56541.4	37686.5	9990.38	4 INCH BOP
6105	56546.0	37732.9	9995.32	4 INCH BOP
6106	56549.6	37776.1	10000.95	4 INCH BOP
6107	56554.5	37808.8	10007.32	4 INCH BOP
6195	57172.6	36079.7	9995.17	4 INCH BOP
6197	57156.3	36023.2	9982.36	4 INCH BOP
6198	56325.7	38117.7	10096.39	4 INCH BOP
6199	56350.9	38099.7	10091.30	4 INCH BOP
6201	56391.2	38070.9	10083.49	4 INCH BOP
6203	56431.9	38041.8	10075.69	4 INCH BOP

19VLF PHASE 2B-1 - HIGH VOLUME COLLECTION PIPE ASBUILTS				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
6204	56443.8	38033.3	10073.54	4 INCH BOP
6207	56619.7	38131.7	10150.34	4 INCH BOP
6209	56624.9	38094.7	10136.66	4 INCH BOP
6211	56631.2	38049.9	10118.78	4 INCH BOP
6213	56637.4	38005.0	10100.23	4 INCH BOP
6215	56643.0	37965.1	10084.96	4 INCH BOP
6216	56643.7	37957.9	10082.28	8 INCH BOP
6217	56653.9	37953.4	10083.16	8 INCH BOP
6219	56635.6	37937.8	10072.10	8 INCH BOP
6221	56620.5	37937.5	10068.17	8 INCH BOP
6222	56620.2	37924.7	10062.66	8 INCH BOP
6227	56724.3	38069.5	10150.14	4 INCH BOP
6229	56729.4	38033.0	10137.68	4 INCH BOP
6230	56731.1	38019.0	10132.85	4 INCH BOP
6235	56780.9	38011.0	10144.94	4 INCH BOP
6236	56754.4	38015.3	10138.38	4 INCH BOP
6237	56720.2	38009.7	10126.02	8 INCH BOP
6238	56714.3	38019.7	10128.35	8 INCH BOP
6239	57464.9	35908.2	9995.29	4 INCH BOP
6242	57433.7	35984.0	10018.12	4 INCH BOP
6244	57411.4	36038.1	10032.14	4 INCH BOP
6246	57394.3	36080.0	10041.57	4 INCH BOP
6249	56686.1	37980.7	10103.48	8 INCH BOP
6250	56679.4	37989.1	10105.01	8 INCH BOP
6253	56648.8	37935.9	10074.70	4 INCH BOP
6255	56701.7	37927.5	10086.65	4 INCH BOP
6257	56754.8	37919.0	10102.46	4 INCH BOP
6259	56809.9	37910.2	10120.68	4 INCH BOP
6261	56867.4	37901.0	10140.73	4 INCH BOP
6265	56976.9	37787.4	10149.99	4 INCH BOP
6267	56834.4	37810.1	10099.32	4 INCH BOP
6269	56882.0	37802.5	10116.18	4 INCH BOP
6271	56932.7	37794.4	10134.37	4 INCH BOP
6273	57063.1	37677.4	10150.81	4 INCH BOP
6275	57022.4	37683.9	10136.86	4 INCH BOP
6277	56983.8	37690.0	10123.70	4 INCH BOP
6279	56945.6	37696.1	10109.51	4 INCH BOP
6281	57016.0	37679.9	10133.19	4 INCH BOP
6284	56992.8	37631.8	10109.58	4 INCH BOP
6286	56976.0	37597.0	10092.66	4 INCH BOP
6288	56956.7	37557.2	10072.92	4 INCH BOP
6290	56939.8	37522.2	10057.10	4 INCH BOP
6292	56926.5	37506.0	10048.49	4 INCH BOP
6294	56887.3	37592.6	10057.04	4 INCH BOP
6296	56922.0	37611.0	10075.43	4 INCH BOP
6298	56959.5	37630.9	10095.83	4 INCH BOP
6300	56996.2	37650.2	10116.49	4 INCH BOP
6303	57089.1	37612.8	10142.88	4 INCH BOP
6305	57069.0	37571.4	10122.91	4 INCH BOP
6307	57050.4	37532.6	10104.18	4 INCH BOP
6309	57032.4	37495.3	10087.37	4 INCH BOP
6311	57014.1	37457.6	10070.83	4 INCH BOP
6313	56996.1	37420.2	10055.18	4 INCH BOP
6315	57011.4	37296.8	10047.84	8 INCH BOP
6316	57032.4	37304.1	10054.36	8 INCH BOP
6317	57048.2	37309.5	10062.45	8 INCH BOP
6318	57049.8	37308.7	10063.26	4 INCH BOP
6319	57049.3	37312.1	10063.43	4 INCH BOP
6321	57069.7	37354.1	10078.10	4 INCH BOP
6323	57093.2	37402.9	10096.37	4 INCH BOP
6325	57117.4	37452.9	10116.54	4 INCH BOP
6327	57138.1	37495.8	10134.48	4 INCH BOP
6329	57155.9	37532.5	10149.95	4 INCH BOP
6331	57216.4	37368.2	10150.17	8 INCH BOP
6333	57208.5	37337.7	10143.32	4 INCH BOP
6335	57175.0	37353.9	10128.62	8 INCH BOP
6336	57176.3	37356.5	10129.51	4 INCH BOP
6337	57177.6	37352.6	10129.76	4 INCH BOP
6340	57195.8	37396.9	10144.13	4 INCH BOP
6341	57156.7	37347.4	10119.06	8 INCH BOP
6343	57119.1	37334.3	10099.21	8 INCH BOP
6345	57086.7	37323.0	10082.23	8 INCH BOP
6348	57234.6	37219.5	10143.18	4 INCH BOP
6351	57174.1	37248.7	10117.06	4 INCH BOP
6353	57131.4	37269.4	10098.97	4 INCH BOP
6355	57088.3	37290.2	10080.44	4 INCH BOP
6358	57275.9	37094.1	10150.45	4 INCH BOP
6360	57235.9	37113.4	10132.05	4 INCH BOP
6362	57193.5	37133.8	10114.04	4 INCH BOP
6364	57143.9	37157.9	10092.88	4 INCH BOP
6366	57094.8	37181.6	10071.72	4 INCH BOP
6368	57049.5	37203.5	10051.48	4 INCH BOP
6372	57088.1	37079.3	10056.69	4 INCH BOP
6373	57115.4	37066.1	10068.77	4 INCH BOP
6375	57071.0	37059.5	10048.93	4 INCH BOP
6376	57155.8	37046.5	10085.95	4 INCH BOP
6377	57157.7	37040.2	10086.27	4 INCH BOP
6379	57135.3	37003.7	10071.37	4 INCH BOP
6381	57109.8	36962.6	10054.43	4 INCH BOP
6382	57101.8	36949.5	10049.19	4 INCH BOP
6383	57127.4	36810.1	10049.58	4 INCH BOP
6385	57152.9	36851.6	10062.93	4 INCH BOP
6387	57178.5	36891.7	10079.33	4 INCH BOP
6389	57204.2	36934.7	10096.74	4 INCH BOP
6391	57228.1	36973.3	10112.72	4 INCH BOP
6393	57252.7	37013.2	10129.08	4 INCH BOP
6395	57284.0	37064.0	10150.42	4 INCH BOP
6396	57315.8	36934.6	10150.84	4 INCH BOP
6399	57336.6	36787.4	10143.77	4 INCH BOP
6401	57387.4	36688.8	10142.42	4 INCH BOP
6404	57494.7	36598.5	10145.47	8 INCH BOP
6406	57474.0	36595.2	10139.78	8 INCH BOP
6408	57437.8	36589.6	10130.01	8 INCH BOP
6410	57400.5	36583.9	10120.06	8 INCH BOP

19VLF PHASE 2B-1 - HIGH VOLUME COLLECTION PIPE ASBUILTS				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
6412	57353.4	36576.6	10107.34	8 INCH BOP
6414	57314.4	36570.5	10096.73	8 INCH BOP
6415	57288.5	36568.4	10089.48	8 INCH BOP
6417	57248.8	36565.9	10075.71	8 INCH BOP
6421	57197.8	36562.6	10052.60	8 INCH BOP
6423	57223.9	36604.7	10069.46	4 INCH BOP
6425	57251.5	36649.5	10086.99	4 INCH BOP
6427	57279.7	36695.1	10105.43	4 INCH BOP
6429	57303.3	36733.4	10121.25	4 INCH BOP
6432	57294.2	36899.7	10137.00	4 INCH BOP
6434	57265.7	36853.4	10117.97	4 INCH BOP
6436	57240.1	36812.0	10100.60	4 INCH BOP
6438	57215.9	36772.7	10084.06	4 INCH BOP
6440	57186.7	36725.2	10064.69	4 INCH BOP
6443	57268.8	36553.5	10080.29	4 INCH BOP
6445	57315.6	36524.7	10087.63	4 INCH BOP
6447	57364.2	36494.6	10094.77	4 INCH BOP
6449	57408.9	36467.0	10102.78	4 INCH BOP
6451	57456.0	36437.9	10109.51	4 INCH BOP
6453	57504.3	36408.1	10114.20	4 INCH BOP
6455	57554.9	36376.9	10115.34	4 INCH BOP
6457	57606.7	36344.9	10114.46	4 INCH BOP
6458	57548.5	36269.2	10093.34	4 INCH BOP
6460	57503.2	36297.3	10094.42	4 INCH BOP
6461	57438.1	36114.1	10051.87	4 INCH BOP
6463	57389.2	36144.3	10053.18	4 INCH BOP
6466	57311.5	36192.2	10050.03	4 INCH BOP
6467	57531.2	36246.7	10087.35	4 INCH BOP
6469	57549.3	36202.5	10079.96	4 INCH BOP
6471	57443.1	36334.2	10092.30	4 INCH BOP
6473	57391.2	36366.3	10086.71	4 INCH BOP
6475	57343.4	36395.8	10078.98	4 INCH BOP
6477	57298.0	36423.9	10069.76	4 INCH BOP
6479	57250.8	36453.0	10058.83	4 INCH BOP
6481	57361.4	36646.6	10125.86	4 INCH BOP
6483	57341.0	36613.7	10112.95	4 INCH BOP
6486	56552.0	38174.9	10151.09	12 INCH BOP
6487	56577.8	38176.7	10152.74	12 INCH BOP
6488	56605.0	38176.3	10156.57	12 INCH BOP
6489	56630.3	38173.9	10161.43	12 INCH BOP
6490	56662.0	38168.5	10167.20	12 INCH BOP
6491	56687.9	38162.2	10171.42	12 INCH BOP
6492	56714.6	38152.6	10175.06	12 INCH BOP
6493	56739.1	38136.1	10175.29	12 INCH BOP
6494	56761.1	38119.2	10174.41	12 INCH BOP
6495	56783.4	38103.8	10174.40	12 INCH BOP
6496	56812.5	38083.8	10173.88	12 INCH BOP
6498	56854.7	38049.4	10174.04	12 INCH BOP
6500	56891.1	38010.4	10173.01	12 INCH BOP
6502	56925.5	37966.5	10173.37	12 INCH BOP
6504	56955.1	37927.0	10173.12	12 INCH BOP
6507	56984.9	37882.4	10171.99	12 INCH BOP
6508	56986.7	37876.8	10171.10	12 INCH BOP
6511	57014.1	37841.0	10172.21	12 INCH BOP
6513	57047.3	37793.8	10171.65	12 INCH BOP
6515	57078.1	37750.4	10171.35	12 INCH BOP
6517	57105.0	37708.2	10169.55	12 INCH BOP
6519	57132.1	37664.8	10167.86	12 INCH BOP
6520	57123.6	37667.8	10165.20	4 INCH BOP
6524	57012.3	37781.8	10155.70	4 INCH BOP
6526	57053.2	37775.2	10168.69	4 INCH BOP
6527	56976.9	37883.6	10169.30	4 INCH BOP
6528	56956.3	37886.8	10162.64	4 INCH BOP
6530	56906.9	37894.8	10150.09	4 INCH BOP
6531	56809.1	38006.5	10149.98	4 INCH BOP
6533	56861.6	37998.1	10159.21	4 INCH BOP
6535	56899.5	37992.1	10170.68	4 INCH BOP
6536	56806.1	38082.8	10171.89	8 INCH BOP
6537	56794.1	38089.6	10171.33	8 INCH BOP
6538	56780.9	38078.1	10162.65	8 INCH BOP
6539	56791.5	38070.2	10162.59	8 INCH BOP
6540	56765.1	38047.8	10150.05	8 INCH BOP
6541	56754.3	38054.9	10150.19	8 INCH BOP
6543	56719.4	38104.6	10156.21	4 INCH BOP
6544	56716.3	38127.2	10165.01	4 INCH BOP
6545	56614.3	38170.6	10156.22	4 INCH BOP
6547	57639.7	36436.3	10137.23	4 INCH BOP
6549	57540.2	36626.0	10159.21	8 INCH BOP
6550	57540.5	36626.2	10159.33	8 INCH BOP
6551	57526.5	36617.7	10153.82	4 INCH BOP
6553	57571.9	36589.8	10156.75	4 INCH BOP
6554	57491.8	36677.2	10163.89	4 INCH BOP
6556	57468.2	36638.7	10149.06	4 INCH BOP
6557	57404.0	36715.6	10150.28	4 INCH BOP
6558	57417.7	36737.9	10159.49	4 INCH BOP
6559	57379.9	36857.5	10167.40	4 INCH BOP
6561	57354.1	36815.7	10151.38	4 INCH BOP
6563	57337.2	36969.2	10160.72	4 INCH BOP
6564	57347.8	36986.4	10169.01	4 INCH BOP
6565	57291.9	37086.3	10151.30	4 INCH BOP
6566	57308.9	37183.6	10168.57	4 INCH BOP
6568	57265.1	37204.8	10151.09	4 INCH BOP
6569	57233.7	37325.4	10150.22	4 INCH BOP
6571	57281.7	37302.3	10166.62	4 INCH BOP
6572	57279.8	37390.3	10174.06	8 INCH BOP
6573	57257.9	37382.7	10163.88	8 INCH BOP
6575	57208.9	37423.9	10150.81	4 INCH BOP
6577	57231.0	37469.8	10164.05	4 INCH BOP
6578	57236.4	37480.9	10168.37	4 INCH BOP
6579	57180.8	37584.0	10166.67	4 INCH BOP
6580	57171.5	37564.8	10157.87	4 INCH BOP
6582	57114.0	37664.2	10160.33	4 INCH BOP
6583	57101.2	37637.8	10151.48	4 INCH BOP
6585	57167.2	37619.6	10170.01	12 INCH BOP

19VLF PHASE 2B-1 - HIGH VOLUME COLLECTION PIPE ASBUILTS				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
6586	57182.8	37591.1	10169.21	12 INCH BOP
6588	57210.6	37541.0	10169.68	12 INCH BOP
6590	57241.1	37486.0	10171.53	12 INCH BOP
6591	57254.1	37458.6	10172.11	12 INCH BOP
6593	57282.8	37377.4	10174.05	12 INCH BOP
6594	57286.8	37348.9	10173.20	12 INCH BOP
6595	57283.0	37314.9	10168.52	12 INCH BOP
6596	57290.5	37288.7	10169.49	12 INCH BOP
6597	57299.6	37256.6	10170.51	12 INCH BOP
6599	57311.9	37194.9	10171.02	12 INCH BOP
6601	57323.2	37134.9	10171.22	12 INCH BOP
6603	57332.2	37075.3	10169.94	12 INCH BOP
6605	57342.2	37015.4	10169.13	12 INCH BOP
6606	57345.2	36994.0	10168.43	12 INCH BOP
6608	57359.3	36922.1	10166.20	12 INCH BOP
6610	57381.4	36865.7	10169.38	12 INCH BOP
6612	57407.3	36808.0	10170.15	12 INCH BOP
6614	57437.2	36756.7	10170.51	12 INCH BOP
6615	57454.5	36729.5	10168.89	12 INCH BOP
6617	57501.9	36679.6	10167.17	12 INCH BOP
6619	57546.9	36626.7	10161.15	12 INCH BOP
6621	57589.0	36577.2	10157.12	12 INCH BOP
6623	57631.8	36527.5	10151.76	12 INCH BOP
6626	57663.3	36503.3	10150.82	12 INCH BOP
11192	56781.4	37014.3	9926.68	4 INCH BOP
11195	56834.8	37076.0	9943.12	4 INCH BOP
11197	56865.8	37112.4	9960.24	4 INCH BOP
11198	56685.0	37048.0	9918.54	4 INCH BOP
11200	56716.0	37083.7	9926.70	4 INCH BOP
11201	56737.0	37107.7	9931.77	4 INCH BOP
11203	56684.1	37076.8	9921.40	4 INCH BOP
11205	56720.8	37098.5	9928.91	4 INCH BOP
11206	56736.5	37107.7	9931.72	4 INCH BOP
11207	56765.7	37141.5	9936.63	4 INCH BOP
11209	56798.7	37179.8	9943.99	4 INCH BOP
11211	56822.6	37207.6	9951.33	4 INCH BOP
11212	56682.0	37161.7	9930.45	8 INCH BOP
11214	56724.6	37184.3	9938.18	8 INCH BOP
11216	56768.4	37207.4	9942.80	8 INCH BOP
11218	56794.7	37221.3	9948.15	8 INCH BOP
11220	56833.4	37234.8	9958.50	8 INCH BOP
11221	56795.0	37220.9	9948.16	4 INCH BOP
11222	56822.6	37207.5	9951.27	4 INCH BOP
11223	56849.6	37194.5	9961.71	4 INCH BOP
11224	56888.2	37176.1	9977.67	4 INCH BOP
11225	56888.2	37176.1	9977.67	4 INCH BOP
11226	56914.8	37163.1	9988.98	4 INCH BOP
11227	56911.0	37164.8	9987.56	4 INCH BOP
11229	56895.1	37146.4	9977.74	4 INCH BOP
11233	56805.5	37041.0	9932.12	4 INCH BOP
11234	56677.7	37267.2	9942.54	4 INCH BOP
11236	56733.0	37296.0	9949.75	4 INCH BOP
11238	56795.4	37329.1	9959.74	4 INCH BOP
11241	56813.3	37260.4	9955.25	4 INCH BOP
11244	56883.7	37252.2	9983.85	8 INCH BOP
11246	56958.1	37142.6	10007.49	4 INCH BOP
11248	56999.8	37122.1	10025.83	4 INCH BOP
11249	56998.8	37120.6	10025.29	4 INCH BOP
11251	56978.4	37097.2	10012.03	4 INCH BOP
11253	56945.0	37058.2	9992.17	4 INCH BOP
11255	56906.6	37013.7	9968.33	4 INCH BOP
11256	56847.0	37356.3	9981.59	4 INCH BOP
11258	56863.2	37363.4	9990.16	4 INCH BOP
11260	56842.2	37319.8	9972.46	4 INCH BOP
11262	56887.2	37413.4	10013.05	4 INCH BOP
11264	56912.8	37465.7	10037.77	4 INCH BOP
11267	56972.4	37370.7	10041.86	4 INCH BOP
11269	56956.6	37338.3	10029.78	4 INCH BOP
11271	56940.9	37306.1	10017.22	4 INCH BOP
11273	56921.7	37266.2	10003.01	4 INCH BOP
11274	56922.4	37264.9	10003.24	4 INCH BOP
11276	56959.0	37247.4	10019.10	4 INCH BOP
11278	57005.4	37225.0	10039.47	4 INCH BOP
11280	57051.5	37096.8	10048.11	4 INCH BOP
11281	57027.9	37108.3	10038.78	4 INCH BOP
11284	56990.2	37289.6	10039.35	8 INCH BOP
11286	56955.8	37277.3	10020.83	8 INCH BOP
11288	56920.5	37265.1	10002.37	8 INCH BOP
11290	56651.4	37360.8	9954.49	4 INCH BOP
11292	56705.9	37389.3	9959.45	4 INCH BOP
11294	56757.2	37416.2	9966.98	4 INCH BOP
11296	56800.5	37439.4	9987.39	4 INCH BOP
11298	56866.4	37474.1	10022.23	4 INCH BOP
11302	56837.1	37566.2	10037.48	4 INCH BOP
11304	56797.9	37545.4	10016.10	4 INCH BOP
11306	56755.3	37522.8	9993.33	4 INCH BOP
11308	56714.7	37501.3	9974.78	4 INCH BOP
11310	56653.1	37468.6	9967.22	4 INCH BOP
11312	56615.9	37449.1	9965.46	4 INCH BOP
11313	56870.3	36971.8	9949.14	4 INCH BOP
11315	56958.1	36928.3	9983.95	4 INCH BOP
11317	56930.1	36895.8	9967.53	4 INCH BOP
11319	56899.5	36860.1	9951.12	4 INCH BOP
11320	56917.8	36735.8	9950.12	4 INCH BOP
11322	56943.6	36765.9	9960.47	4 INCH BOP
11324	56968.1	36794.1	9974.59	4 INCH BOP
11325	56983.5	36757.9	9978.61	4 INCH BOP
11327	56959.4	36719.1	9962.99	4 INCH BOP
11329	56935.6	36680.3	9950.36	4 INCH BOP
11330	56961.7	36541.8	9949.88	4 INCH BOP
11332	56985.4	36580.1	9959.64	4 INCH BOP
11334	57008.1	36616.6	9975.09	4 INCH BOP
11336	56963.1	36518.8	9949.57	4 INCH BOP
11338	56999.7	36496.4	9957.56	4 INCH BOP

19VLF PHASE 2B-1 - HIGH VOLUME COLLECTION PIPE ASBUILTS				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
11339	57002.3	36537.7	9963.21	15 INCH BOP
11341	56964.0	36528.7	9949.78	15 INCH BOP
11344	56213.8	37731.2	10031.82	12 INCH BOP
11345	56201.7	37771.1	10033.44	12 INCH BOP
11346	56187.9	37804.7	10034.22	12 INCH BOP
11347	56173.1	37837.2	10039.15	12 INCH BOP
11348	56163.0	37859.0	10047.88	12 INCH BOP
11350	56415.7	37759.4	10003.70	12 INCH BOP
11351	56391.7	37777.1	10008.39	12 INCH BOP
11352	56362.8	37799.2	10013.85	12 INCH BOP
11353	56330.8	37824.8	10018.79	12 INCH BOP
11354	56296.0	37853.0	10023.40	12 INCH BOP
11355	56264.5	37877.8	10028.34	12 INCH BOP
11356	56449.3	37787.8	10004.65	4 INCH BOP
11357	56419.3	37810.7	10008.73	4 INCH BOP
11358	56395.4	37828.7	10012.10	4 INCH BOP
11359	56366.6	37850.3	10015.79	4 INCH BOP
11360	56339.0	37870.9	10019.26	4 INCH BOP
11361	56300.7	37899.1	10028.11	4 INCH BOP
11362	56479.1	37813.4	10005.74	8 INCH BOP
11363	56474.5	37845.1	10009.22	8 INCH BOP
11365	56463.7	37902.9	10026.83	8 INCH BOP
11367	56530.1	37842.8	10014.04	4 INCH BOP
11368	56574.0	37816.4	10014.07	4 INCH BOP
11370	56621.3	37788.7	10018.13	4 INCH BOP
11372	56676.0	37746.9	10026.02	4 INCH BOP
11373	56690.9	37735.2	10028.50	4 INCH BOP
11380	56607.3	37552.2	9976.31	4 INCH BOP
11381	56573.3	37534.2	9974.93	4 INCH BOP
11382	56636.8	37568.1	9978.62	4 INCH BOP
11383	56666.7	37583.7	9982.87	4 INCH BOP
11385	56707.3	37605.1	9997.68	4 INCH BOP
11387	56751.9	37628.8	10021.72	4 INCH BOP
11389	56803.3	37655.9	10047.92	4 INCH BOP
11390	57221.1	36248.0	10034.12	4 INCH BOP
11391	57182.3	36271.3	10021.47	4 INCH BOP
11392	57137.1	36299.8	10004.72	4 INCH BOP
11393	57054.0	36012.1	9951.52	4 INCH BOP
11395	57210.5	36211.1	10026.07	4 INCH BOP
11396	57262.9	36222.2	10043.74	4 INCH BOP
11397	57136.9	36299.7	10004.73	4 INCH BOP
11398	57099.5	36323.0	9990.58	4 INCH BOP
11399	57053.2	36351.5	9973.60	4 INCH BOP
11400	57016.6	36374.1	9960.12	4 INCH BOP
11401	57043.5	36317.6	9968.24	4 INCH BOP
11402	57029.8	36270.1	9960.72	4 INCH BOP
11403	57018.2	36229.9	9956.93	4 INCH BOP
11406	57072.7	36076.3	9962.35	4 INCH BOP
11408	57087.9	36128.9	9972.18	4 INCH BOP
11410	57104.5	36186.4	9985.23	4 INCH BOP
11412	57119.2	36237.6	9994.04	4 INCH BOP
11414	57136.3	36296.4	10004.12	4 INCH BOP
11416	57192.4	36148.4	10011.47	4 INCH BOP
11418	57300.4	36180.3	10046.33	4 INCH BOP
11420	57286.7	36132.4	10033.68	4 INCH BOP
11422	57273.5	36086.5	10021.87	4 INCH BOP
11423	57270.7	36085.7	10021.10	8 INCH BOP
11424	57251.3	36074.9	10014.90	8 INCH BOP
11426	57207.5	36050.6	9999.94	8 INCH BOP
11428	57163.9	36026.3	9984.77	8 INCH BOP
11430	57120.1	36002.2	9969.63	8 INCH BOP
11432	57076.4	35977.9	9954.58	8 INCH BOP
11433	57042.7	35959.3	9945.92	8 INCH BOP
11434	57044.5	35954.4	9945.89	4 INCH BOP
11436	57092.6	35940.6	9953.57	4 INCH BOP
11438	57140.6	35926.9	9961.66	4 INCH BOP
11440	57188.8	35913.2	9968.85	4 INCH BOP
11442	57251.1	35895.2	9975.58	4 INCH BOP
11443	57259.4	35908.2	9980.64	4 INCH BOP
11445	57278.4	35861.9	9970.59	4 INCH BOP
11447	57297.5	35815.7	9959.53	4 INCH BOP
11449	57318.5	35764.5	9949.74	4 INCH BOP
11450	57420.6	35765.4	9950.38	4 INCH BOP
11452	57401.6	35811.8	9963.50	4 INCH BOP
11454	57382.7	35858.1	9979.64	4 INCH BOP
11456	57363.8	35904.2	9990.77	4 INCH BOP
11458	57344.8	35950.5	10001.42	4 INCH BOP
11461	57322.2	36005.4	10012.44	4 INCH BOP
11462	57305.0	35978.7	10004.18	4 INCH BOP
11464	57256.9	35992.4	9999.52	4 INCH BOP
11466	57208.8	36006.2	9992.15	4 INCH BOP
11468	57155.7	36021.4	9981.95	4 INCH BOP
11470	57307.8	36076.6	10027.28	4 INCH BOP
11473	57371.7	36058.4	10032.50	4 INCH BOP
11475	57007.2	36839.7	9998.16	4 INCH BOP
11477	57047.3	36886.3	10023.00	4 INCH BOP
11479	57084.3	36929.3	10044.68	4 INCH BOP
11483	57072.6	36902.2	10036.67	4 INCH BOP
11485	57053.6	36871.6	10024.10	4 INCH BOP
11487	57028.9	36831.4	10007.54	4 INCH BOP
11489	57002.5	36788.9	9990.38	4 INCH BOP
11491	57043.2	36673.8	9997.60	4 INCH BOP
11495	56986.2	36960.9	10001.39	4 INCH BOP
11497	57020.6	37001.0	10022.66	4 INCH BOP
11499	57055.9	37041.8	10044.68	4 INCH BOP
11501	57157.4	36560.0	10039.92	8 INCH BOP
11502	57116.0	36536.1	10017.91	4 INCH BOP
11503	57085.0	36555.3	10004.68	4 INCH BOP
11504	57085.8	36562.1	10005.81	4 INCH BOP
11506	57059.5	36459.5	9982.37	4 INCH BOP
11508	57117.8	36423.5	10006.40	4 INCH BOP
11510	57177.8	36386.2	10030.14	4 INCH BOP
11512	57231.3	36353.5	10049.69	4 INCH BOP

GENERAL NOTES:

1. COORDINATES HEREIN ARE BASED ON THE CONTROL RECEIVED FROM NEWMONT AND FORESIGHT WEST SURVEYING INC. PER EXHIBIT "PRIMARY CONTROL THRU 2016"

NOTICE:

*ACCORDING TO COLORADO LAW YOU **MUST** COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE OF THE CERTIFICATION SHOWN HEREON.*

SURVEYOR'S STATEMENT:

I, EDWARD R. FISHER, A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO, DO HEREBY CERTIFY ONLY TO TEZAK HEAVY EQUIPMENT CO. INC., AND CRIPPLE CREEK & VICTOR GOLD MINING COMPANY THAT FROM APRIL, 2020 THROUGH AUGUST, 2020 AS-BUILT SURVEYS WERE CONDUCTED UNDER MY SUPERVISION AND THE MAPS HEREIN ACCURATELY REPRESENTS SAID SURYEYS, TO THE BEST OF MY KNOWLEDGE.

COLORADO LICENSED
EDWARD R. FISHER
38042
9/15/2020
PROFESSIONAL LAND SURVEYOR

EDWARD R. FISHER, PROFESSIONAL LAND SURVEYOR
COLORADO P.L.S. NO. 38042
FOR AND ON BEHALF OF EDWARD-JAMES SURVEYING, INC.

REVISIONS		
NO.	DESCRIPTION	DATE

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SQUAW GULCH - 20VLF PHASE 2B PART 1
HIGH VOLUME COLLECTION PIPE ASBUILTS

FIELD DATA COLLECTED THROUGH AUGUST 31, 2020

DRAWN BY	SRM
CHECKED BY	ERF
H-SCALE	N/A
JOB NO.	1922-00
DATE CREATED	9-15-2020
DATE ISSUED	9-15-2020
SHEET NO	3 OF 3

0 100 200 FEET

LEGEND:

- LIMITS OF GEOMEMBRANE ACCEPTANCE
- P2499 PANEL NUMBER
- DF805 DESTRUCT FUSION NUMBER AND REPAIR
- DX148 DESTRUCT EXTRUSION NUMBER AND REPAIR
- P1077 PREVIOUSLY CERTIFIED PANEL NUMBER
- DF364 DESTRUCT FUSION NUMBER AND REPAIR
- DX80 DESTRUCT EXTRUSION NUMBER AND REPAIR

REV	DATE	DESCRIPTION	TECH	ENG
0	9/28/20	ISSUED FOR RECORD OF CONSTRUCTION	JEP	JNM

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

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COLORADO REGISTERED JOHN NEAL MCKINNEY 37574 PROFESSIONAL ENGINEER 9-28-20

NewFields

CLIENT: CRIPPLE CREEK & VICTOR GOLD MINING COMPANY

PROJECT: SQUAW GULCH VALLEY LEACH FACILITY PHASE 2B PART 1

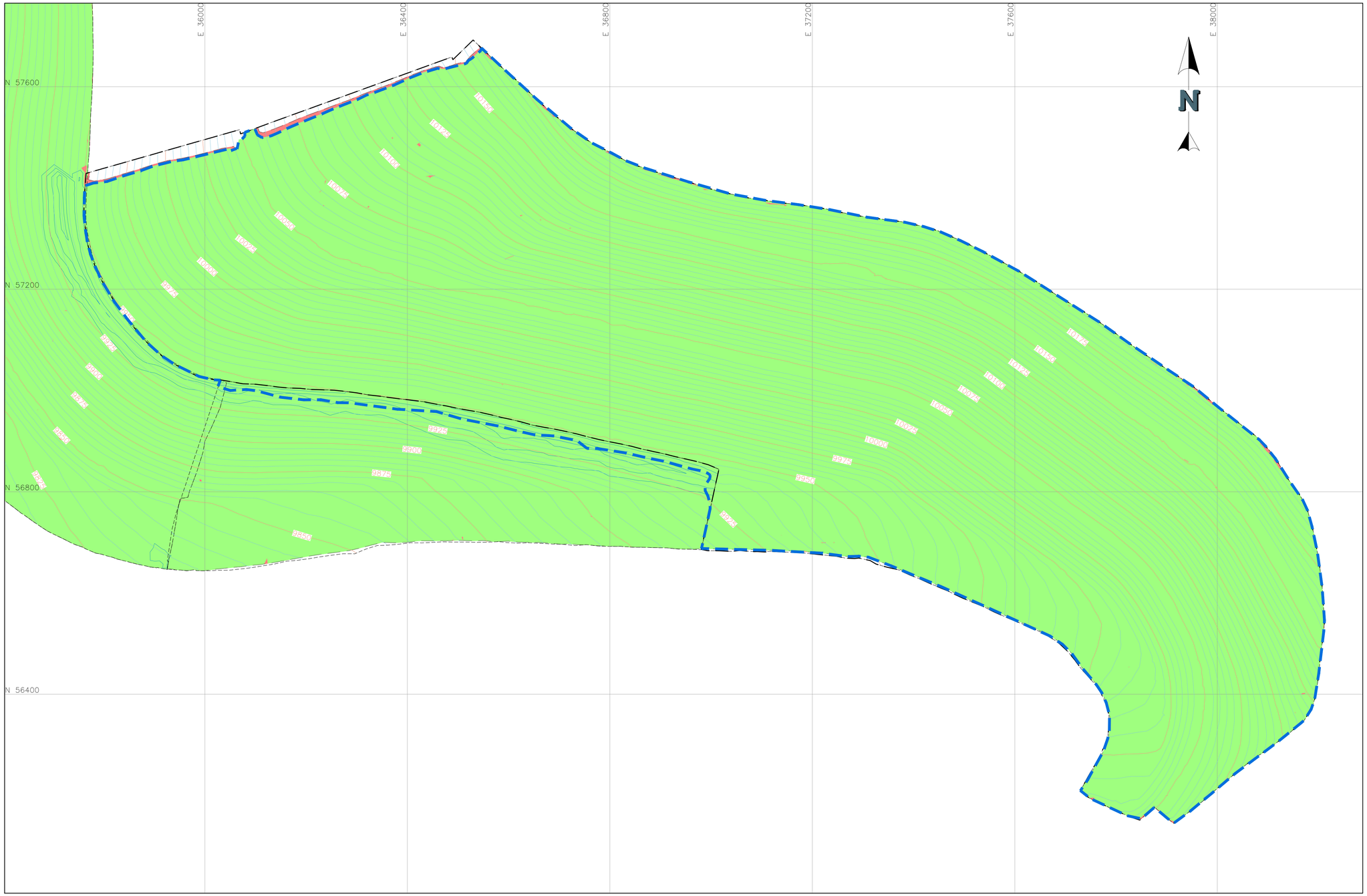
TITLE: GEOMEMBRANE PANEL LAYOUT AS-BUILT

FILENAME: 0106.032.001P

DRAWING NO.: 9

REVISION: 0

P:\Projects\0106.032 VLF2 Phase 2 CQA\A-CAD\DWGS\ROC Report - 2B Part 1\0106.032.001P.dwg 9/21/2020 10:11 AM



0 100 200 FEET

LEGEND:

- DRAIN COVER FILL DEPTH CONTOURS
- AS-BUILT TOP OF SOIL LINER FILL CONTOURS
- LIMITS OF CERTIFICATION – PHASE 2B PART 1
- DRAIN COVER FILL DEPTH GREATER THAN 2FT
- DRAIN COVER FILL DEPTH LESS THAN 2FT
- LIMITS OF DCF ACCEPTANCE

NOTES:

1. THE SLF AND DCF AS-BUILT SURVEYS WERE PROVIDED TO NEWFIELDS BY FORESIGHT WEST.
2. THE TOP OF SLF AND DCF SURFACES WERE CREATED FROM SURVEY POINTS. ALL SURVEY POINTS WERE NOT TAKEN IN THE SAME LOCATION FOR EACH SURFACE. THIS MAY CAUSE EACH SURFACE TO TRIANGULATE BETWEEN THE POINTS DIFFERENTLY, WHICH PRESENTS THE POTENTIAL FOR ERRORS IN THE ISOPACH DEPTHS. IDENTIFIED AREAS WITH DEPTHS LESS THAN 2FT ACCORDING TO THE ISOPACH WERE VERIFIED IN THE FIELD TO BE AT LEAST 2FT DEEP.

COLORADO REGISTERED PROFESSIONAL ENGINEER
JAMES N. MCCLELLAND
37574
9-28-20

REV	DATE	DESCRIPTION	TECH	ENG
0	9/28/20	ISSUED FOR RECORD OF CONSTRUCTION	JEP	JNM

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NewFields

CLIENT: CRIPPLE CREEK & VICTOR GOLD MINING COMPANY

PROJECT: SQUAW GULCH VALLEY LEACH FACILITY PHASE 2B PART 1

TITLE: DRAIN COVER FILL AS-BUILT ISOPACH

FILENAME: 0106.032.002P

DRAWING NO.: 10

REVISION: 0

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