



ROWENA, SD - EAST SIOUX QUARRY
LOCATION MAP



L. G. EVERIST, INC.
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SIOUX FALLS, SD

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J.GRAY

SCALE
NTS

DATE
11/20/2020

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PARCEL BOUNDARY

ROWENA, SD - EAST SIOUX QUARRY
PROPERTY OWNERSHIP



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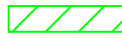


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CURRENT PROCESSING ACRES
32.6
CURRENT EXTRACTION ACRES
110.4
CURRENT SAND AND GRAVEL ACRES
74.8



-  **PROPERTY BOUNDARY**
-  **CURRENT EXTRACTION LIMIT**
-  **CURRENT PROCESSING AREA LIMIT**
-  **CURRENT SAND & GRAVEL LIMIT**

ROWENA, SD - EAST SIOUX QUARRY
CURRENT CONDITIONAL USE / MINING PERMIT BOUNDARIES



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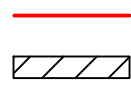
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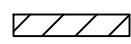
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PROPERTY BOUNDARY



FLOODWAY AREA



FLOOD ZONE AREA "AE"



FLOOD ZONE AREA "X"

ROWENA, SD - EAST SIOUX QUARRY
EXISTING CONDITIONS



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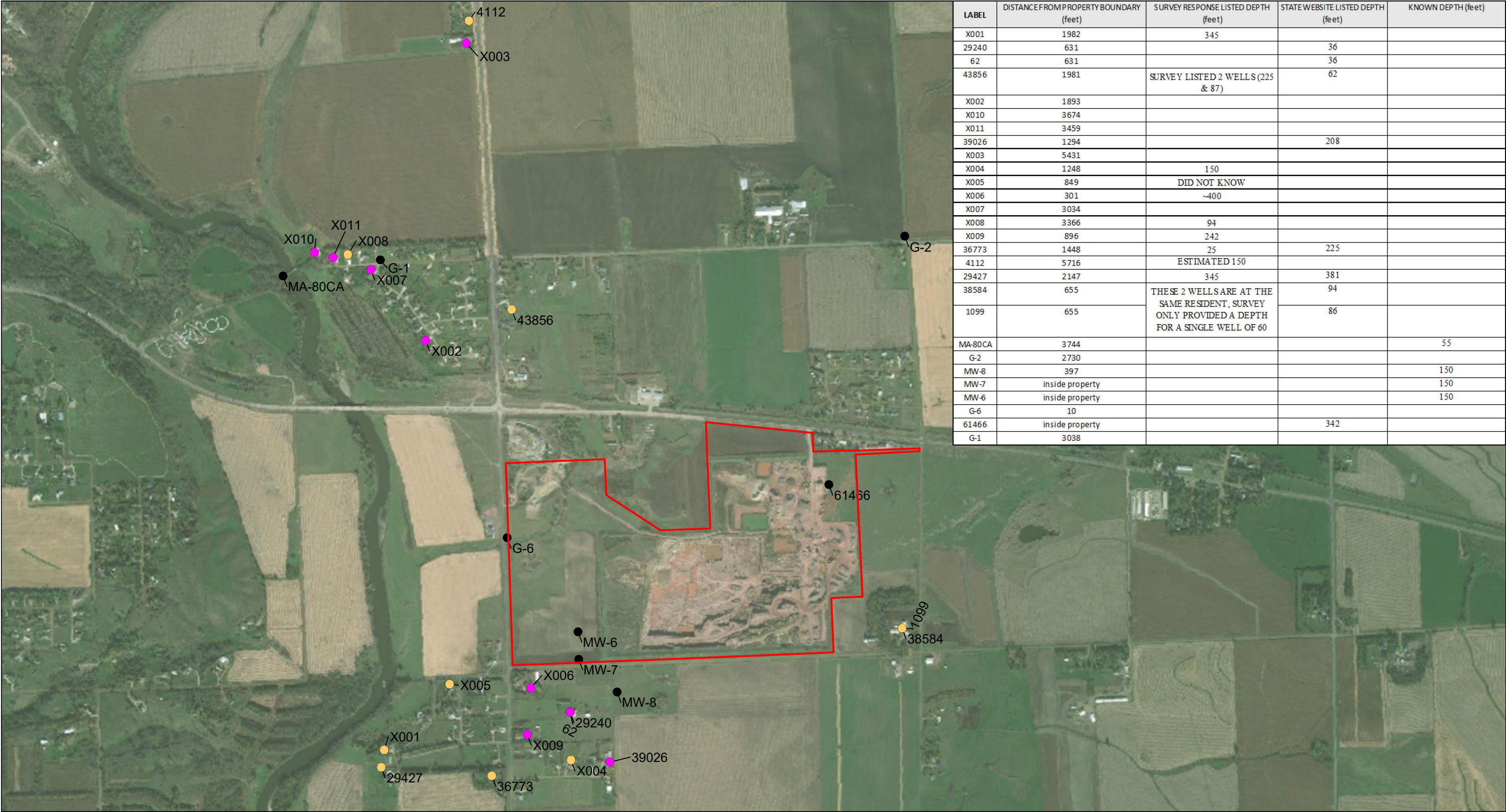
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LABEL	DISTANCE FROM PROPERTY BOUNDARY (feet)	SURVEY RESPONSE LISTED DEPTH (feet)	STATE WEBSITE LISTED DEPTH (feet)	KNOWN DEPTH (feet)
X001	1982	345		
29240	631		36	
62	631		36	
43856	1981	SURVEY LISTED 2 WELLS (225 & 87)	62	
X002	1893			
X010	3674			
X011	3459			
39026	1294		208	
X003	5431			
X004	1248	150		
X005	849	DID NOT KNOW		
X006	301	~400		
X007	3034			
X008	3366	94		
X009	896	242		
36773	1448	25	225	
4112	5716	ESTIMATED 150		
29427	2147	345	381	
38584	655	THESE 2 WELLS ARE AT THE SAME RESIDENT, SURVEY ONLY PROVIDED A DEPTH FOR A SINGLE WELL OF 60	94	
1099	655		86	
MA-80CA	3744			55
G-2	2730			
MW-8	397			150
MW-7	inside property			150
MW-6	inside property			150
G-6	10			
61466	inside property		342	
G-1	3038			

PROPERTY BOUNDARY

MONITORED GROUNDWATER WELL

GROUNDWATER WELL (NO RESPONSE TO USER SURVEY)

GROUNDWATER WELL (RESPONDED TO USER SURVEY)

ROWENA, SD - EAST SIOUX QUARRY

GROUNDWATER MONITORING

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PROPERTY BOUNDARY



PERMANENT BLAST MONITORING SITES



TEMPORARY BLAST MONITORING SITES

NOTE: TEMPORARY BLAST MONITORING SITES WILL BE USED ON AN AS NEEDED BASIS WITH A PORTABLE SEISMOGRAPH UNIT. ADDITIONAL TEMPORARY BLAST MONITORING SITES CAN BE ADDED AND USED WHEN NECESSARY.

ROWENA, SD - EAST SIOUX QUARRY
BLAST MONITORING



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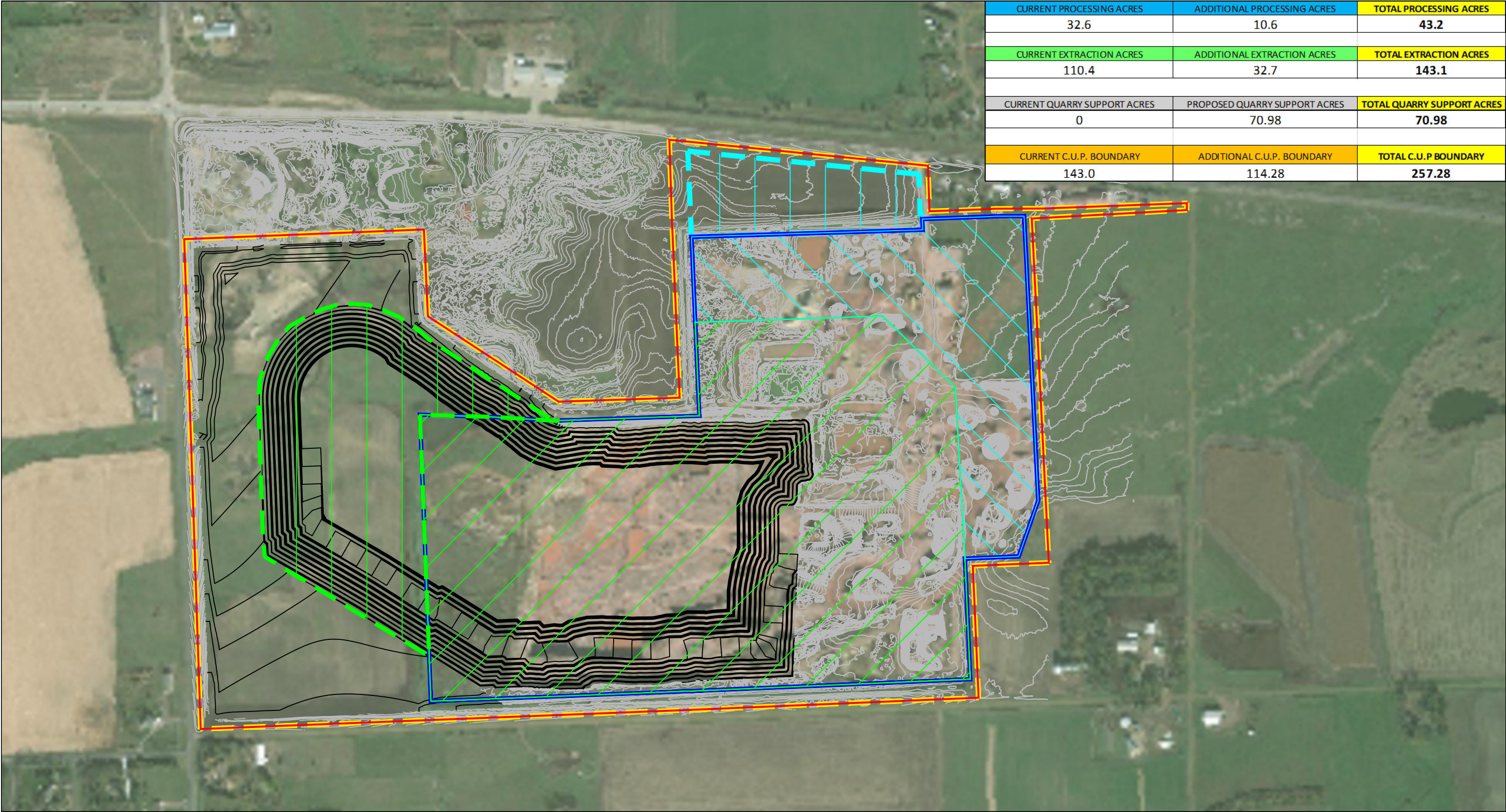
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CURRENT PROCESSING ACRES	ADDITIONAL PROCESSING ACRES	TOTAL PROCESSING ACRES
32.6	10.6	43.2
CURRENT EXTRACTION ACRES	ADDITIONAL EXTRACTION ACRES	TOTAL EXTRACTION ACRES
110.4	32.7	143.1
CURRENT QUARRY SUPPORT ACRES	PROPOSED QUARRY SUPPORT ACRES	TOTAL QUARRY SUPPORT ACRES
0	70.98	70.98
CURRENT C.U.P. BOUNDARY	ADDITIONAL C.U.P. BOUNDARY	TOTAL C.U.P. BOUNDARY
143.0	114.28	257.28

PROPERTY BOUNDARY

CURRENT TOPOGRAPHY

CURRENT C.U.P. BOUNDARY

PROPOSED ULTIMATE PIT CONFIGURATION

ADDITIONAL C.U.P. BOUNDARY

CURRENT EXTRACTION LIMIT

ADDITIONAL EXTRACTION LIMIT

CURRENT PROCESSING AREA LIMIT

ADDITIONAL PROCESSING AREA LIMIT

ROWENA, SD - EAST SIOUX QUARRY
PROPOSED ULTIMATE PIT

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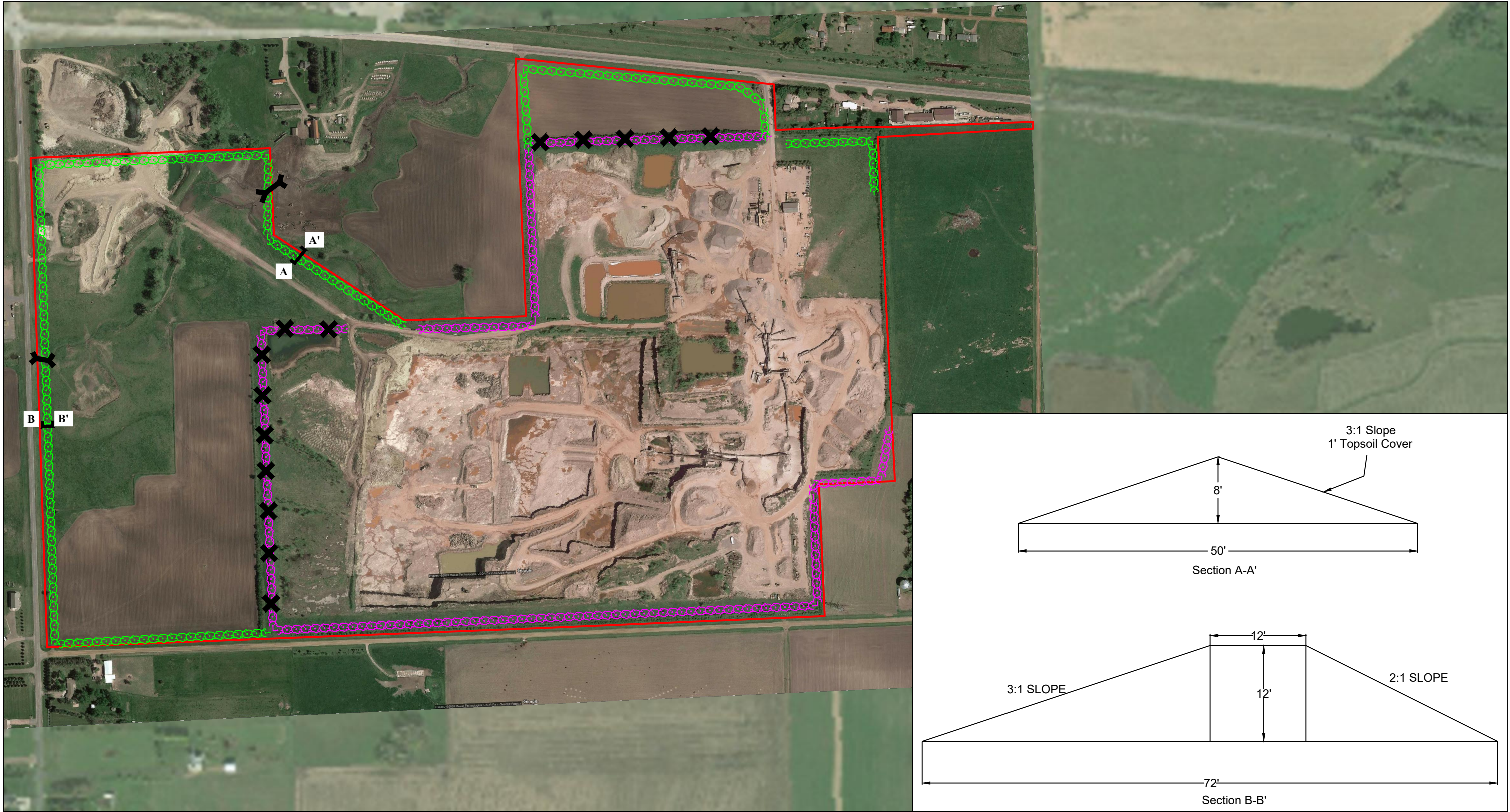
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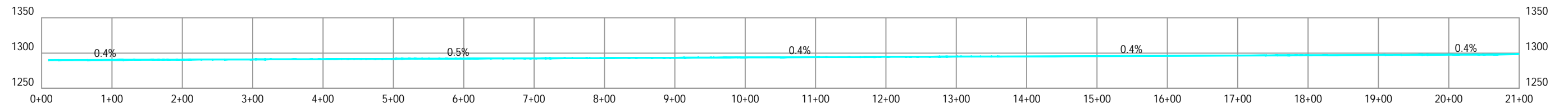
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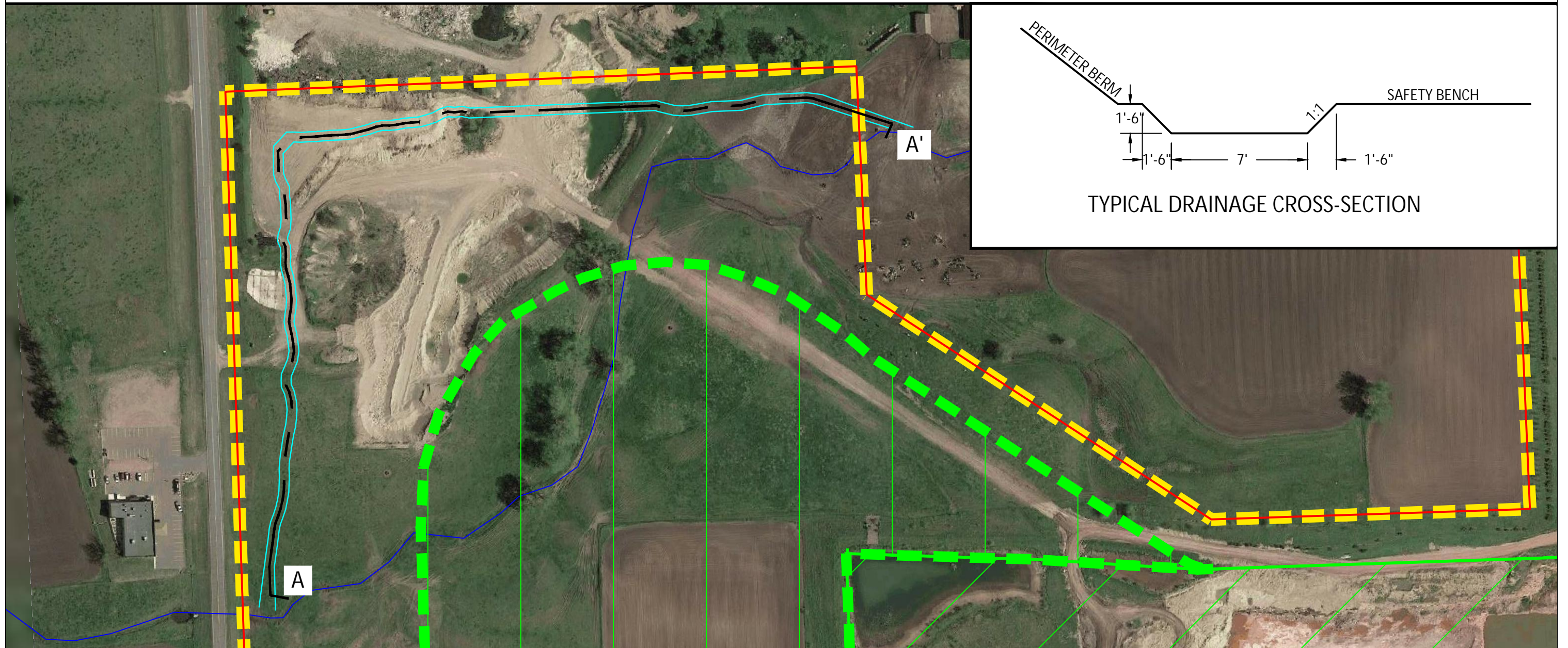
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	PROPERTY BOUNDARY	EXISTING VISUAL BERM AREA TO BE REMOVED	<div>ROWENA, SD - EAST SIOUX QUARRY BERMS / VISUAL SCREENING</div> <div> L. G. EVERIST, INC. <i>We Deliver Solutions!</i> SIOUX FALLS, SD</div>		<div>DRAWN BY J.GRAY</div>
	PROPOSED VISUAL BERM	CULVERT			<div>SCALE NTS</div>
EXISTING VISUAL BERM				<div>DATE 11/20/2020</div>	
				<div>DRAWING NO. 8</div>	<div>REV. </div>



PROFILE A-A'



- | | | | |
|--|------------------------------------------|--|------------------------------------|
| | PROPERTY BOUNDARY | | ADDITIONAL C.U.P. BOUNDARY |
| | CURRENT STREAM LOCATION | | CURRENT EXTRACTION LIMIT |
| | PROPOSED REALIGNED STREAM SEGMENT | | ADDITIONAL EXTRACTION LIMIT |

ROWENA, SD - EAST SIOUX QUARRY
DRAINAGE REALIGNMENT



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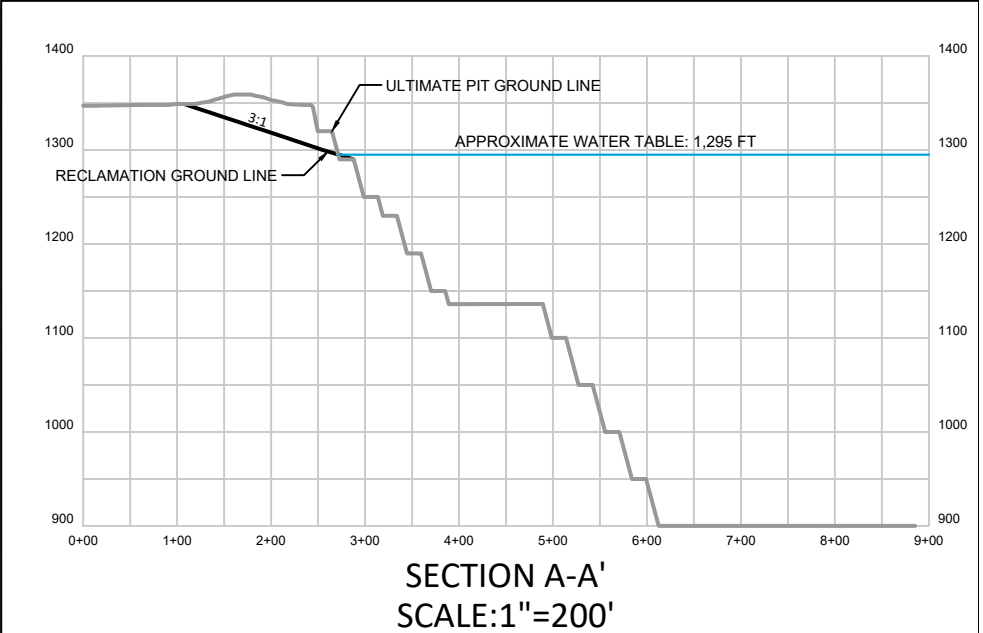
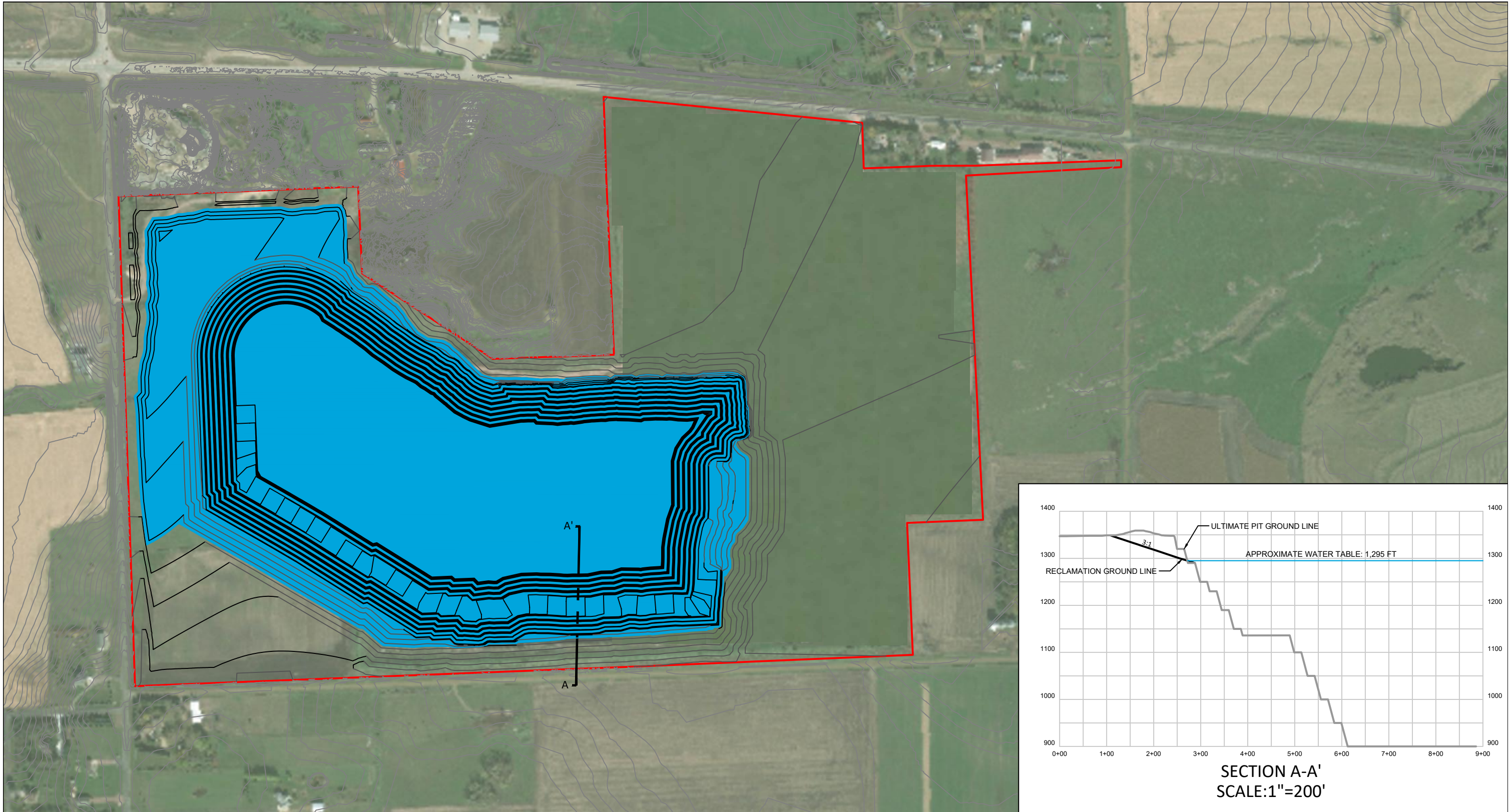
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- PROPERTY BOUNDARY
- CURRENT TOPOGRAPHY
- PROPOSED RECLAMATION TOPOGRAPHY
- FINAL WATER LEVEL

ROWENA, SD - EAST SIOUX QUARRY
PROPOSED RECLAMATION/POST-MINING TOPOGRAPHY



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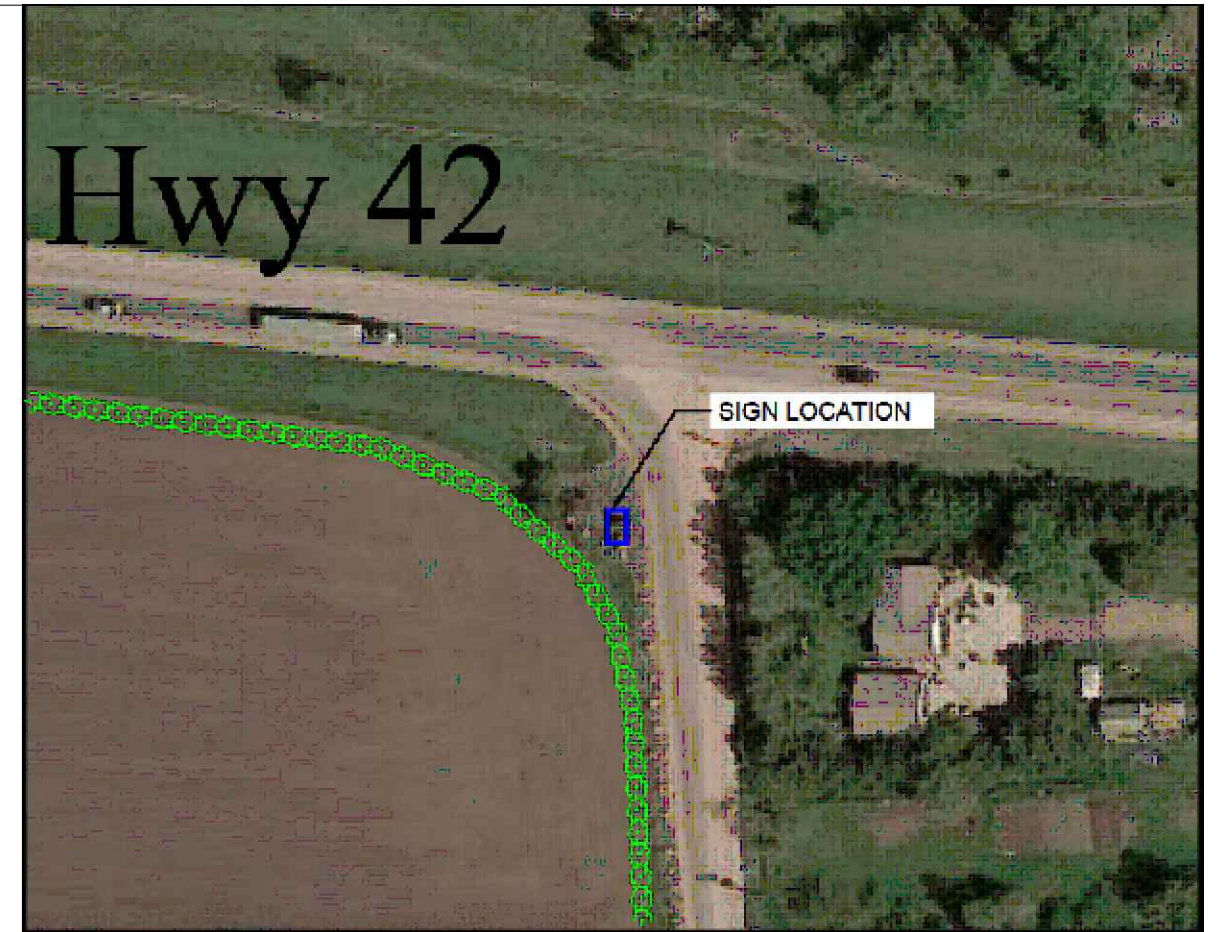
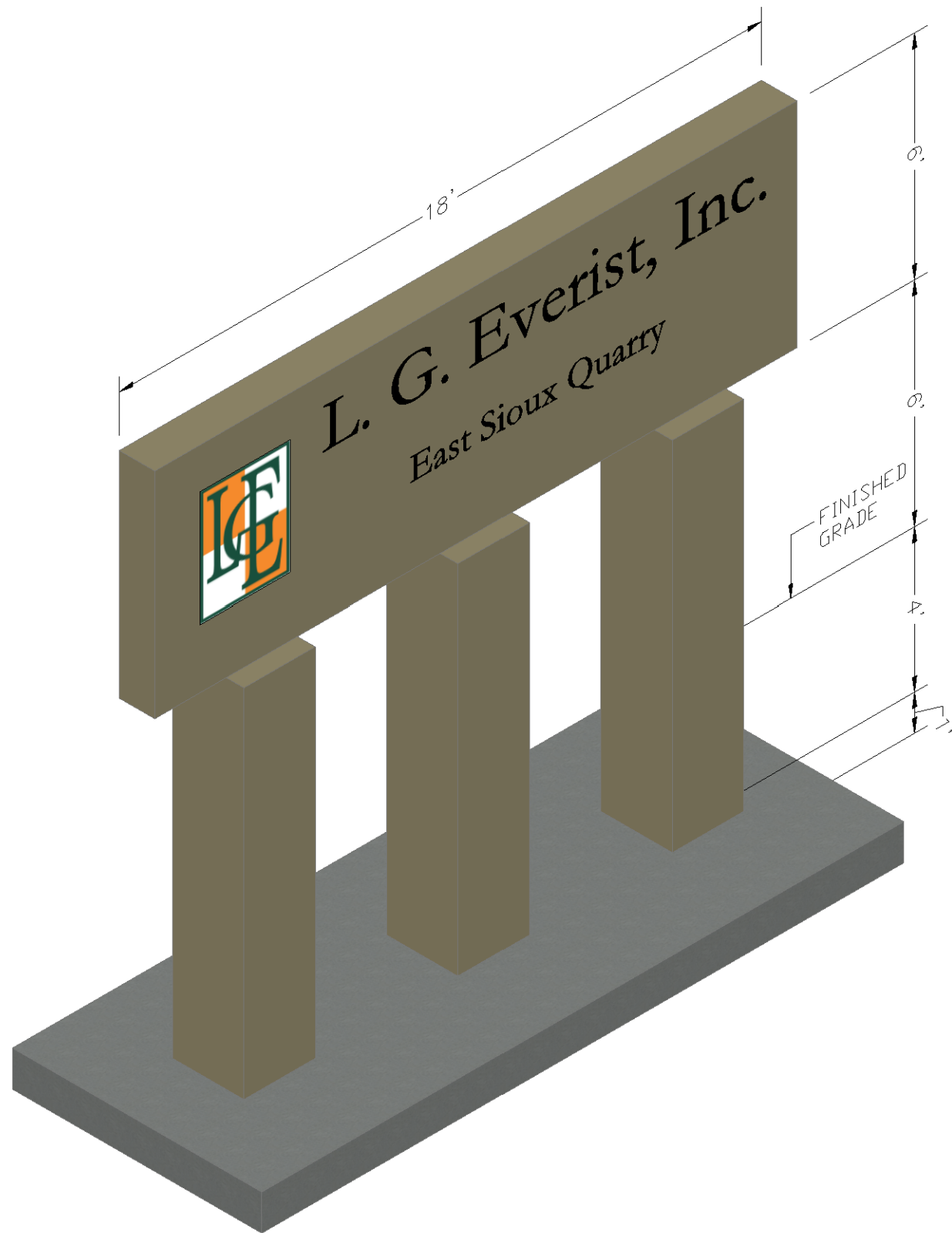
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L. G. EVERIST, INC. ENTRANCE SIGN
EAST SIOUX QUARRY CONCEPTUAL SIGN DETAILS



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- PROPERTY BOUNDARY
- - - ASPHALT LANE
- - - PROPOSED BERM

ROWENA, SD - EAST SIOUX QUARRY
SITE ACCESS DETAIL



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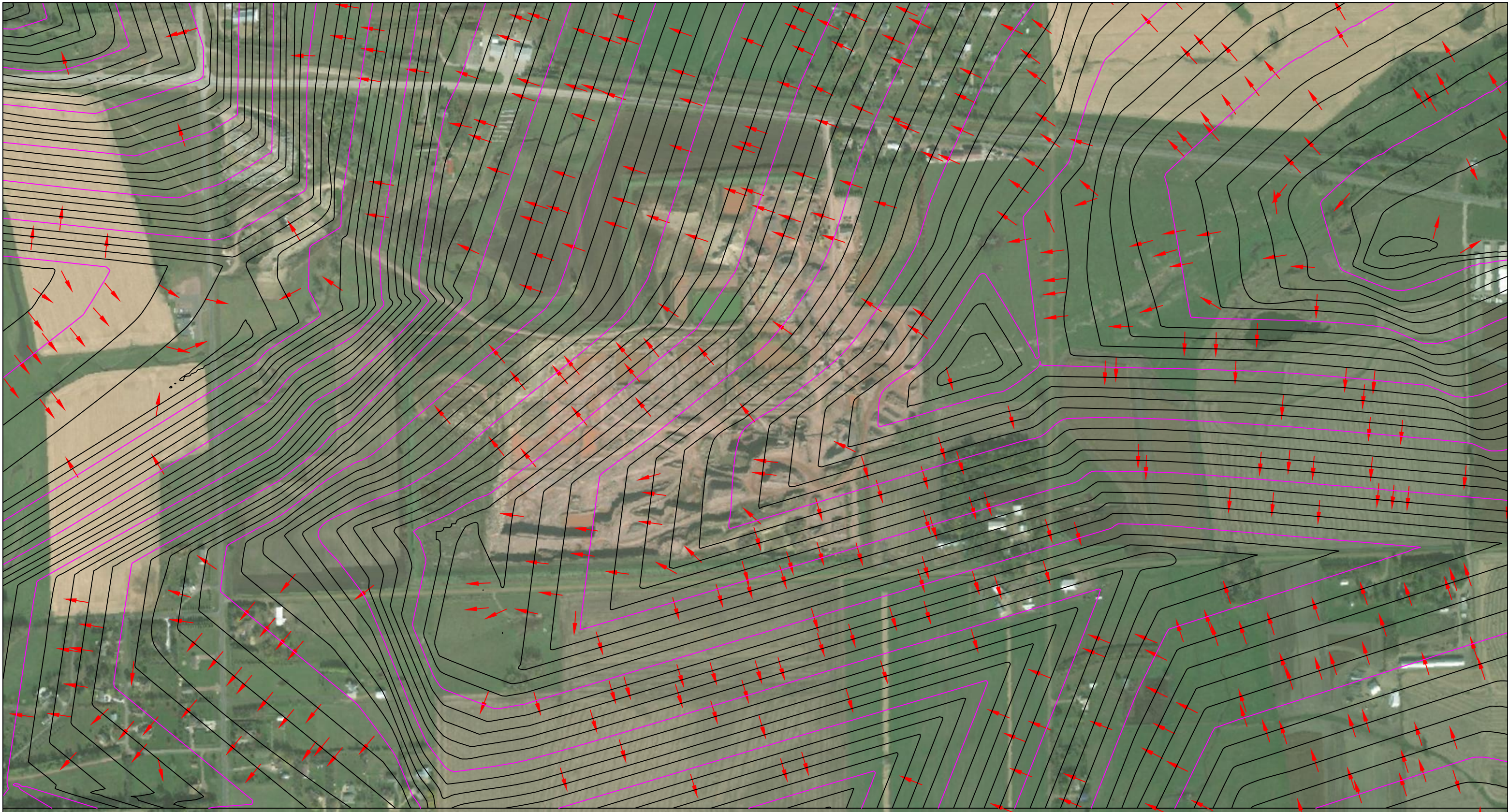
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- 10' CONTOUR
- 2' CONTOUR
- ROCK SLOPE DIRECTION

ROWENA, SD - EAST SIOUX QUARRY
TOP OF QUARTZITE CONTOURS



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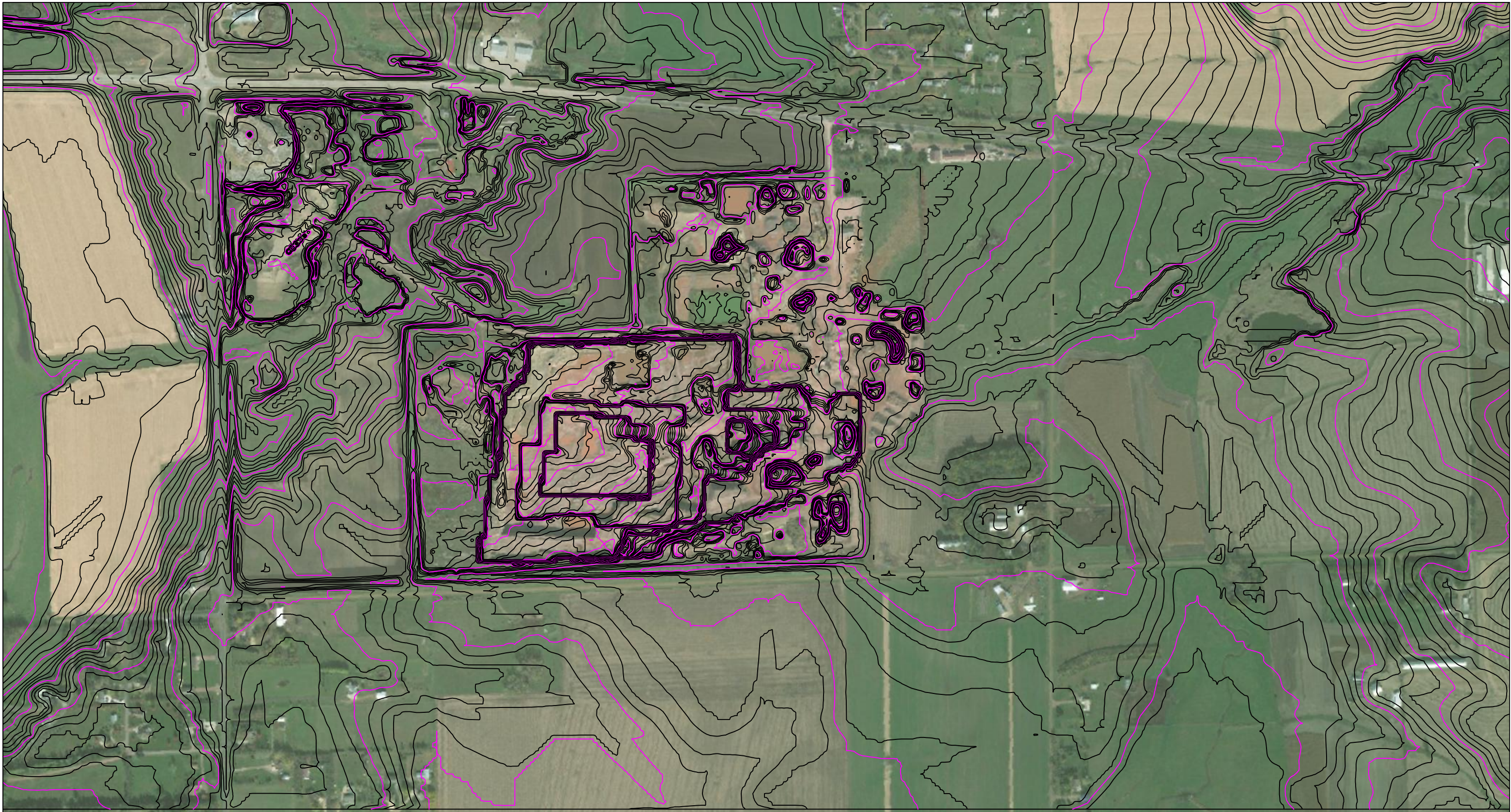
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— 10' CONTOUR
— 2' CONTOUR

ROWENA, SD - EAST SIOUX QUARRY
11-19-2020 SURFACE TOPOGRAPHY



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