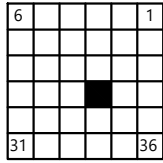


T 17 N



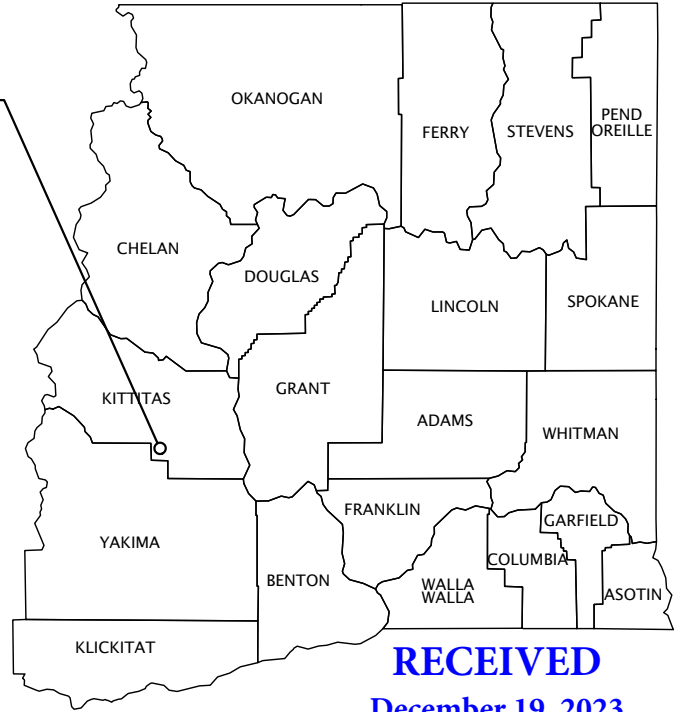
R 18 E

**SITE COORDINATES:**

LATITUDE: 46° 56' 48.5" N

LONGITUDE: 120° 34' 34.8" W

**EASTERN WASHINGTON**



**DIRECTIONS TO SITE**

UMPTANUM ROAD SITE IS LOCATED SOUTH SOUTHWEST OF ELLENSBURG, WA. BEGINNING AT THE INTERSECTION OF CANYON ROAD AND UMPTANUM ROAD IN ELLENSBURG, DRIVE WESTBOUND ON UMPTANUM ROAD. UMPTANUM ROAD EVENTUALLY VEERS SOUTHWEST, THEN TURNS DIRECTLY SOUTH. SITE ACCESS ROAD IS ON THE RIGHT (WEST) SIDE OF UMPTANUM ROAD APPROXIMATELY 3.25 DRIVING MILES OF THE INTERSECTION OF CANYON ROAD AND UMPTANUM ROAD IN ELLENSBURG.

**LEGAL DESCRIPTION**

THE PERMIT BOUNDARY IS LOCATED IN PORTIONS OF THE FOLLOWING QUARTER-QUARTER SECTIONS:

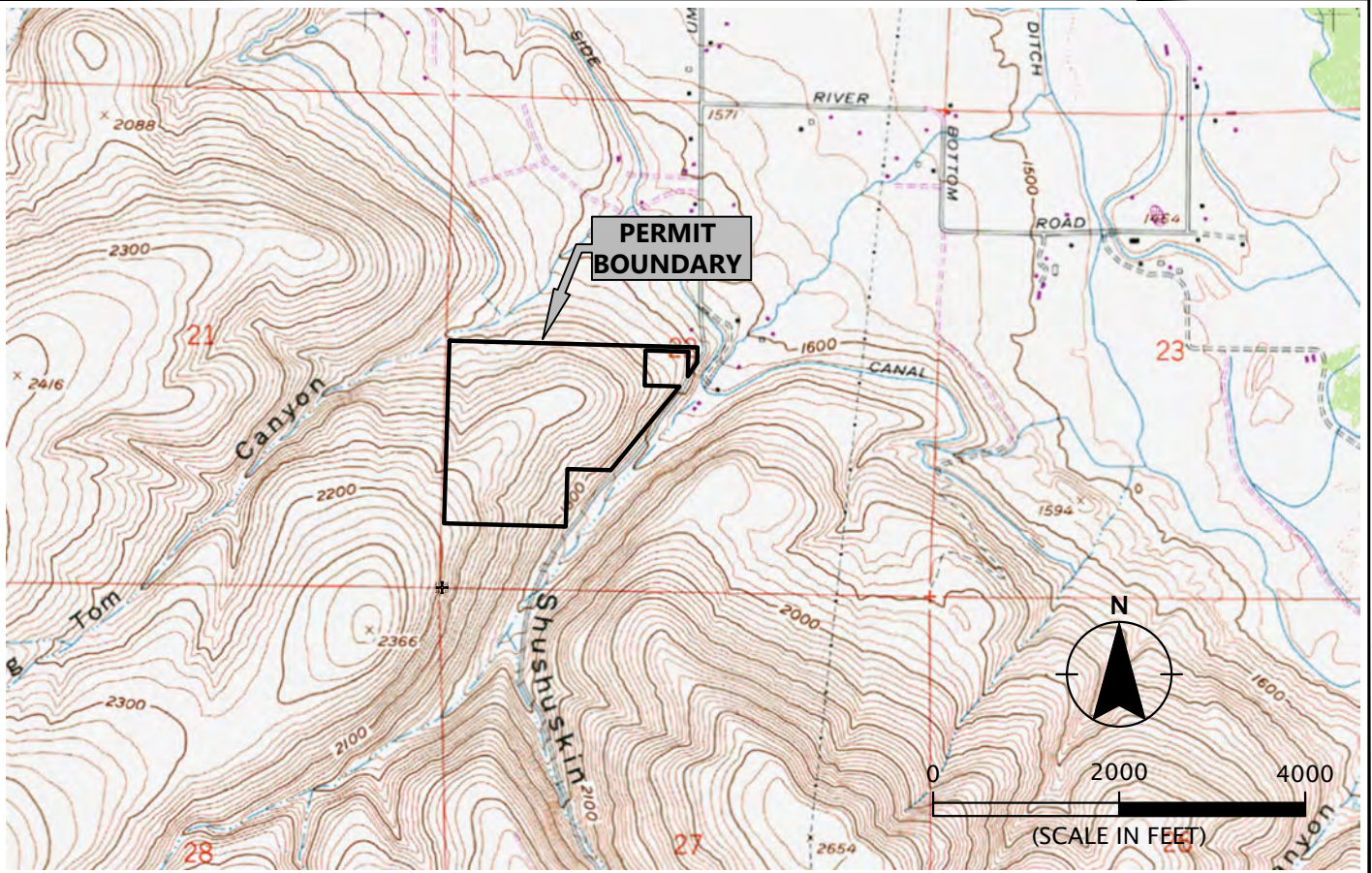
- NW QUARTER OF THE SW QUARTER OF SECTION 22
- NE QUARTER OF THE SW QUARTER OF SECTION 22
- SW QUARTER OF THE SW QUARTER OF SECTION 22

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NOTE: USGS TOPOGRAPHIC QUADRANGLE MAP REPRODUCED USING MAPTECH TERRAIN NAVIGATOR PRO®.



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 File Name: J:\E-L\FulcrumGeo\FulcrumGeo-1-01\Figures\Umptanum Road Site FG023.01.01-VM-AP01.dwg | Layout: FIGURE 1



MTA HOLDINGS, LLC

PROJECT 023.01.01  
DECEMBER 2023

**VICINITY MAP**  
UMPTANUM ROAD SITE

KITTITAS COUNTY, WA  
SECTION 22, TOWNSHIP 17N, RANGE 18E, W.M.

**FIGURE 1**



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 File Name: J:\E\1\FulcrumGeo\FulcrumGeo-1-01\Figures\Umptanum Road Site FG023.01.01\FC023.01.01-VM-AP01.dwg | Layout: FIGURE 2



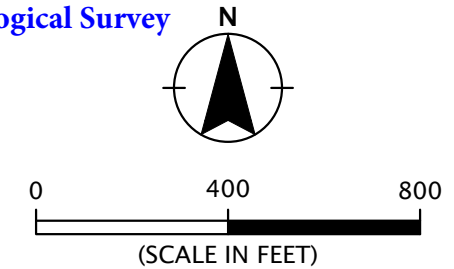
**LEGEND:**

- PERMIT/PROPERTY BOUNDARY (86 ACRES)
- PARCEL LINES
- 000000000** PARCEL NUMBER
- GEOREFERENCE (SECTION CORNER)
  - 46° 56' 29"N
  - 120° 34' 52"W

SUBJECT PROPERTY OWNERSHIP TABLE		
PARCEL NUMBER	PROPERTY OWNER	OWNER MAILING ADDRESS
278833 288833 618833 308833 268833	MTA HOLDINGS LLC	P.O. BOX 99 ELLENSBURG, WA 98926-1909

ADJACENT PROPERTY OWNERSHIP TABLE		
PARCEL NUMBER	PROPERTY OWNER	OWNER MAILING ADDRESS
948833	BERNARD LOEFFERS	5111 UMPTANUM RD ELLENSBURG, WA 98926
608833 238833	LOIS YOUNG	FAMILY LIMITED PARTNERSHIP 502 E 3RD ELLENSBURG, WA 98926
323236	BRANDON SYBROWSKY & TOMOKO TANIKAWA	5870 UMPTANUM RD ELLENSBURG, WA 98926
10987	HANS ESPELAND	1070 SHUSHUSKIN RD ELLENSBURG, WA 98926-5053
172136	DONALD PEDERSEN	5370 UMPTANUM RD ELLENSBURG, WA 98926
10986	JEFF IHLER	P.O. BOX 1281 ELLENSBURG, WA 98926
108833 318833	GAPWELL LLC	22108 9TH AVE SE BOTHELL, WA 98021-8263
796336	LISA MORRIS	5241 UMPTANUM RD ELLENSBURG, WA 98926
298833	PATRICK FERRELL	5030 UMPTANUM RD ELLENSBURG, WA 98926

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**NOTES:**

1. PERMIT/PROPERTY BOUNDARY AND PARCEL BOUNDARIES OBTAINED FROM KITTITAS COUNTY ASSESSOR.
2. PROPERTY OWNERSHIP INFORMATION OBTAINED FROM KITTITAS COUNTY ASSESSOR.
3. AERIAL PHOTOGRAPHED DATED APRIL 17, 2021, OBTAINED FROM GOOGLE EARTH PRO.

PROPERTY OWNERSHIP MAP  
UMPTANUM ROAD SITE

MTA HOLDINGS, LLC

**FULCRUM**  
GEO RESOURCES

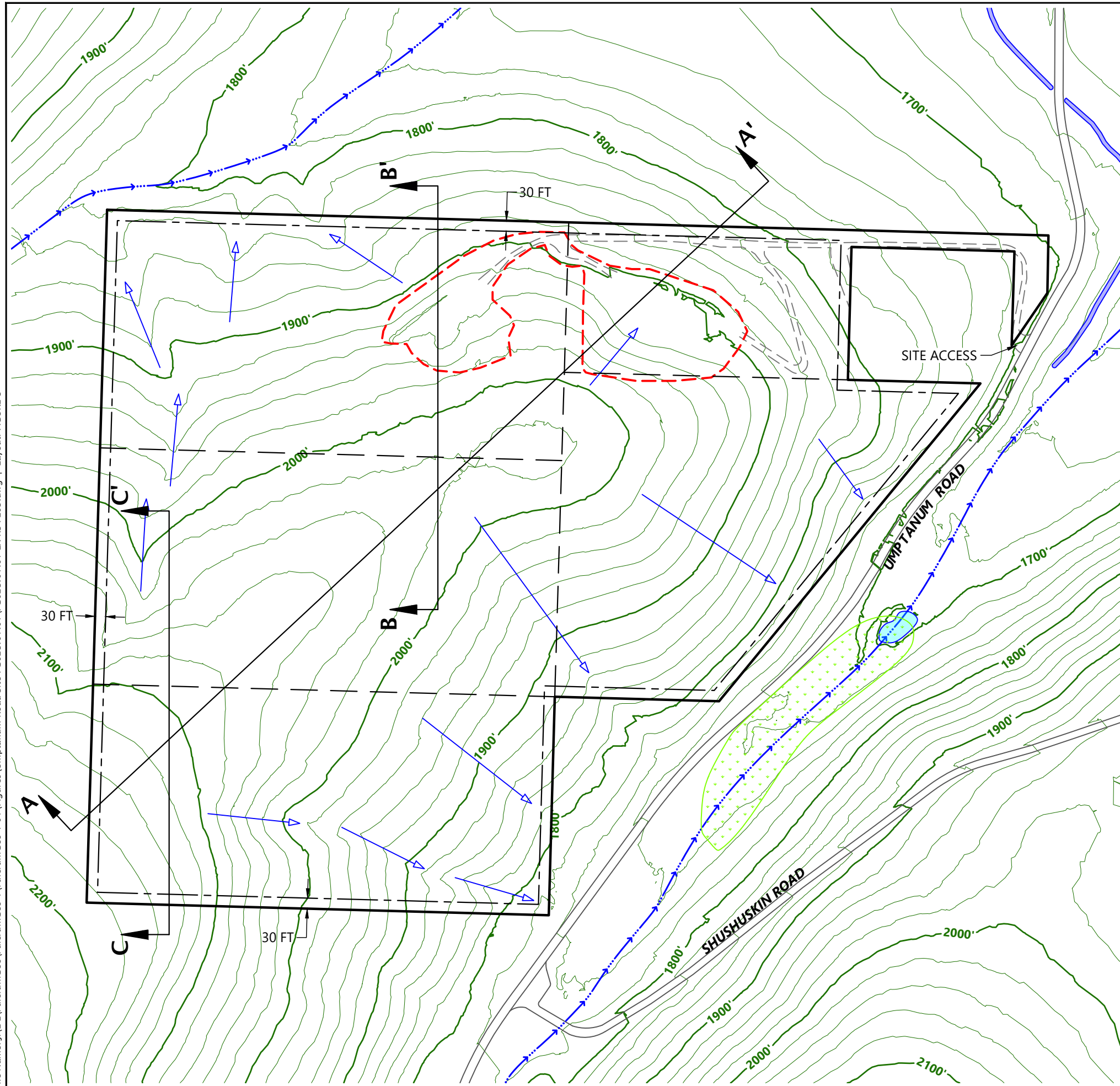
KITTITAS COUNTY, WA  
SECTION 22, TOWNSHIP 17N, RANGE 18E, W.M.

FIGURE 2

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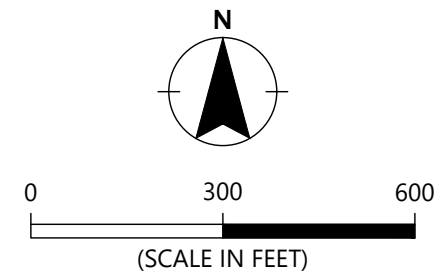
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**LEGEND:**

- PERMIT/PROPERTY BOUNDARY (86 ACRES)
- PARCEL LINES
- 30-FOOT SETBACK
- EXISTING DISTURBANCE AREA (5.2 ACRES)
- EXISTING TOPOGRAPHY (20-FOOT INTERVALS; 100-FOOT INDEX CONTOURS)
- ROAD
- SITE ROAD
- STREAM
- CANAL
- POND
- WETLAND
- DRAINAGE PATTERNS
- CROSS SECTION

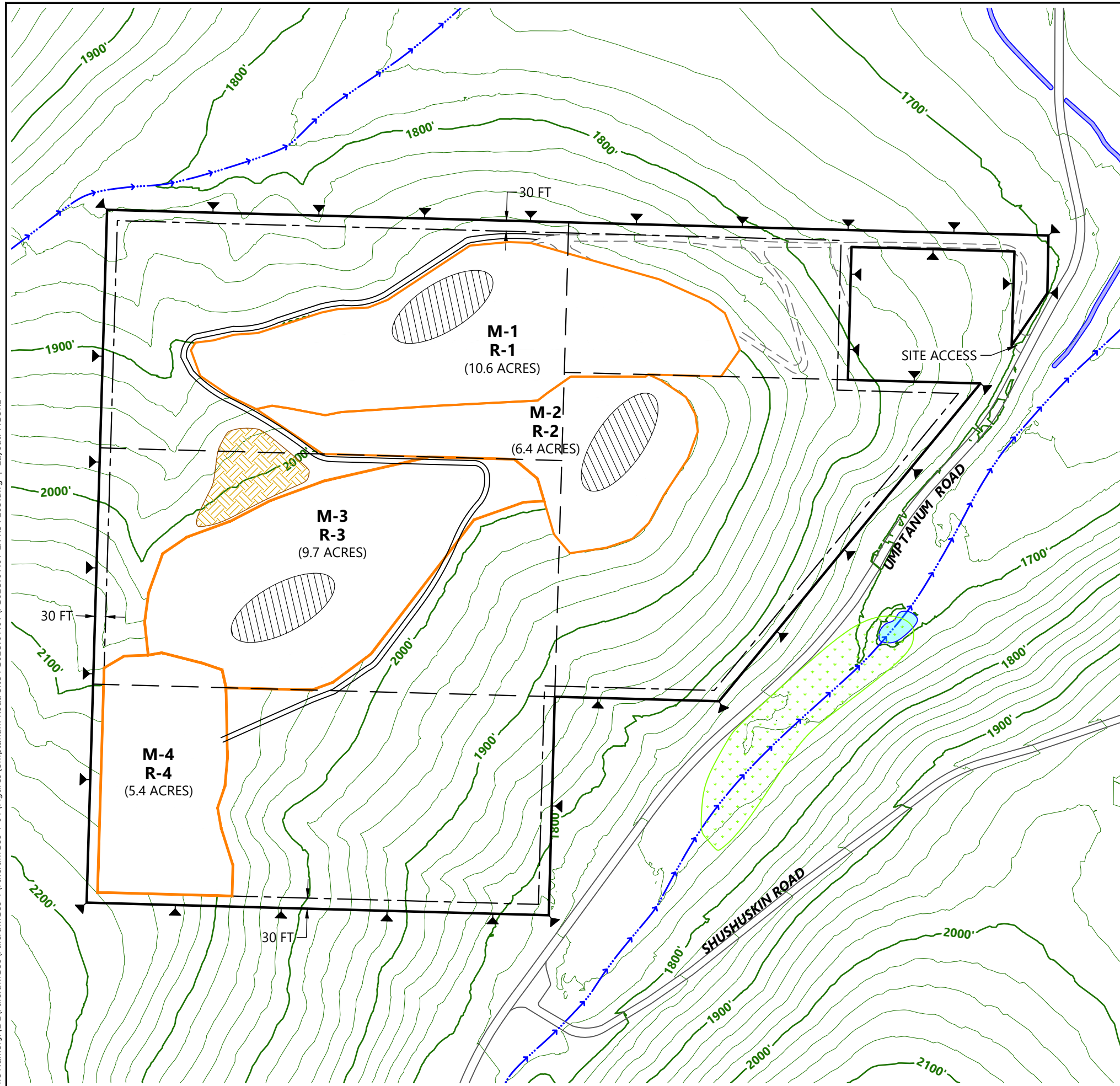
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**NOTES:**

1. PERMIT/PROPERTY BOUNDARY OBTAINED FROM KITTITAS COUNTY ASSESSOR.
2. EXISTING DISTURBANCE AREA, POND, AND CANALS DEFINED FROM AERIAL PHOTOGRAPH (APRIL 17, 2021) OBTAINED FROM GOOGLE EARTH PRO.
3. EXISTING TOPOGRAPHY DERIVED FROM 2020 LIDAR DATA OBTAINED FROM DNR.
4. STREAM LOCATIONS DEFINED FROM FPARS MAP OBTAINED FROM DNR.
5. WETLAND LOCATION OBTAINED FROM NATIONAL WETLAND INVENTORY.

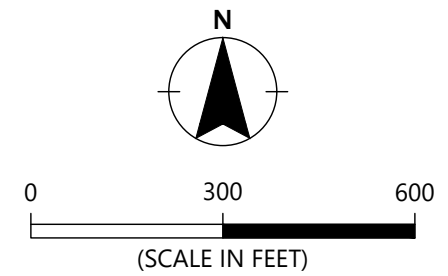
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**LEGEND:**

- PERMIT/PROPERTY BOUNDARY (86 ACRES)
- PARCEL LINES
- 30-FOOT SETBACK
- EXISTING TOPOGRAPHY (20-FOOT INTERVALS; 100-FOOT INDEX CONTOURS)
- ROAD
- SITE ROAD
- STREAM
- CANAL
- POND
- WETLAND
- PROCESSING/RESOURCE STOCKPIILING AREAS
- TOPSOIL STORAGE AREA
- PERMANENT MARKER (LINE OF SIGHT)
- M-1** MINING SEGMENT
- R-1** RECLAMATION SEQUENCE
- MINING SEGMENT AND RECLAMATION SEQUENCE BOUNDARY

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**NOTES:**

1. PERMIT/PROPERTY BOUNDARY OBTAINED FROM KITTITAS COUNTY ASSESSOR.
2. EXISTING TOPOGRAPHY DERIVED FROM 2020 LIDAR DATA OBTAINED FROM DNR.
3. STREAM LOCATIONS DEFINED FROM FPARS MAP OBTAINED FROM DNR.
4. WETLAND LOCATION OBTAINED FROM NATIONAL WETLAND INVENTORY.
5. FOR STORMWATER EROSION CONTROL MEASURES, SEE NARRATIVE.

**RECLAMATION SEQUENCE MAP**

UMPTANUM ROAD SITE

**FIGURE 4**

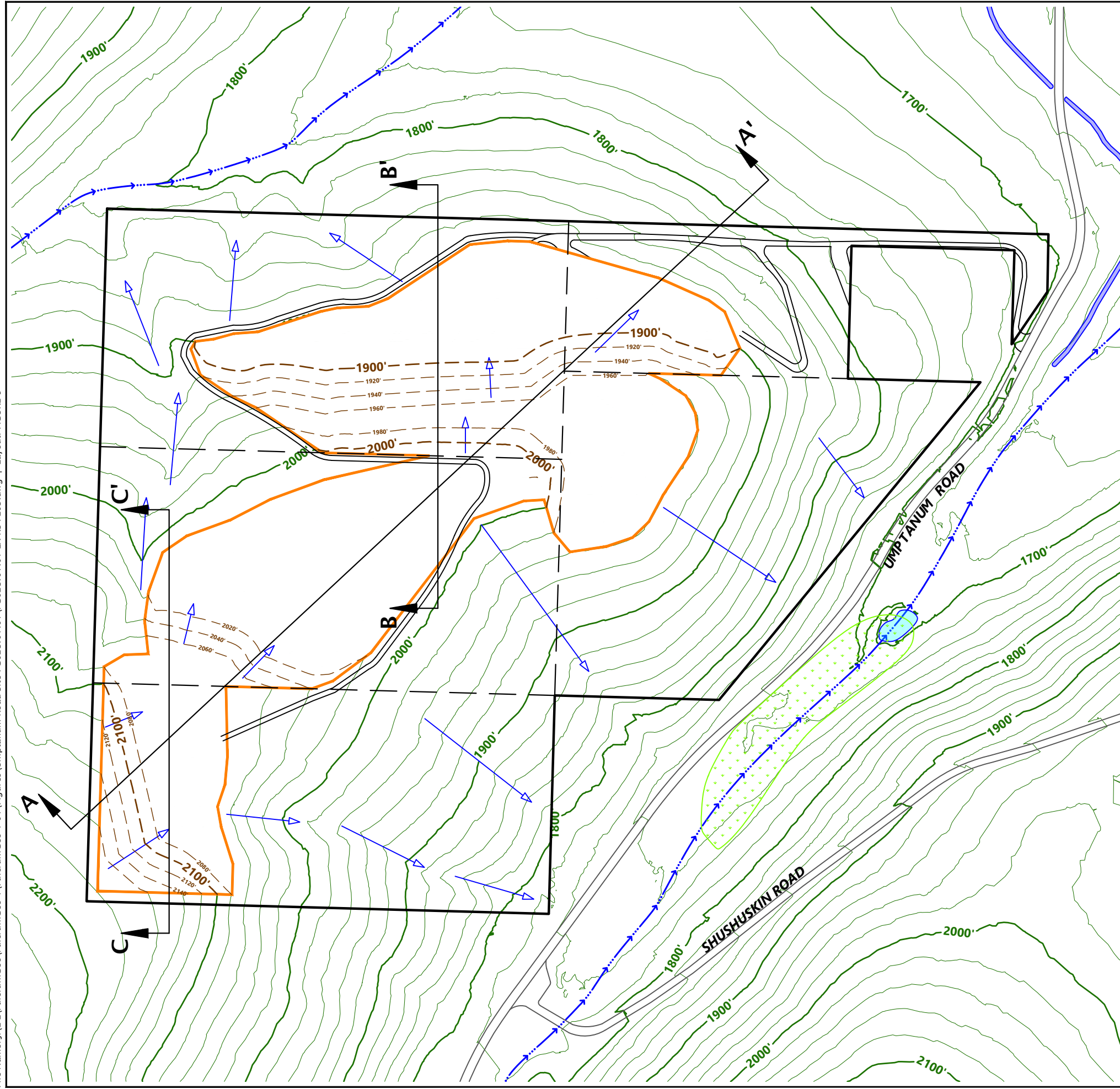
KITTITAS COUNTY, WA  
 SECTION 22, TOWNSHIP 17N, RANGE 18E, W.M.

MTA HOLDINGS, LLC

PROJECT 023.01.01  
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**FULCRUM**  
 GEO RESOURCES

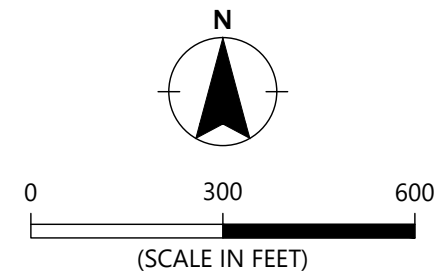




**LEGEND:**

- PERMIT/PROPERTY BOUNDARY (86 ACRES)
- PARCEL LINES
- LIMITS OF RECLAMATION (32.1 ACRES)
- FINAL TOPOGRAPHY (20-FOOT INTERVALS; 100-FOOT INDEX CONTOURS)
- EXISTING TOPOGRAPHY (20-FOOT INTERVALS; 100-FOOT INDEX CONTOURS)
- ROAD
- STREAM
- CANAL
- POND
- WETLAND
- DRAINAGE PATTERNS
- CROSS SECTION

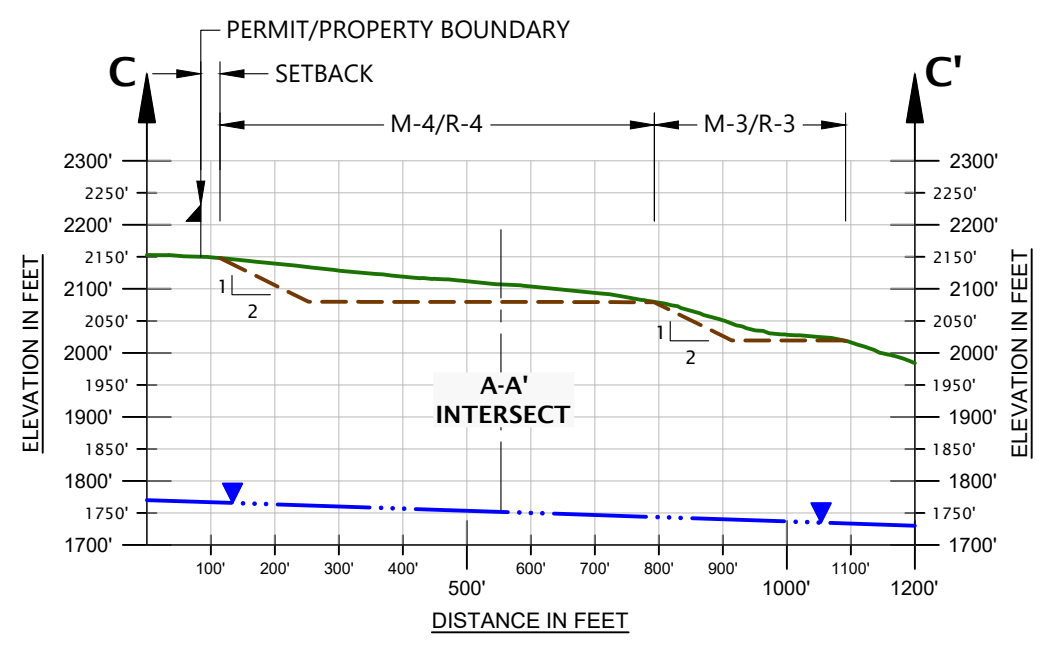
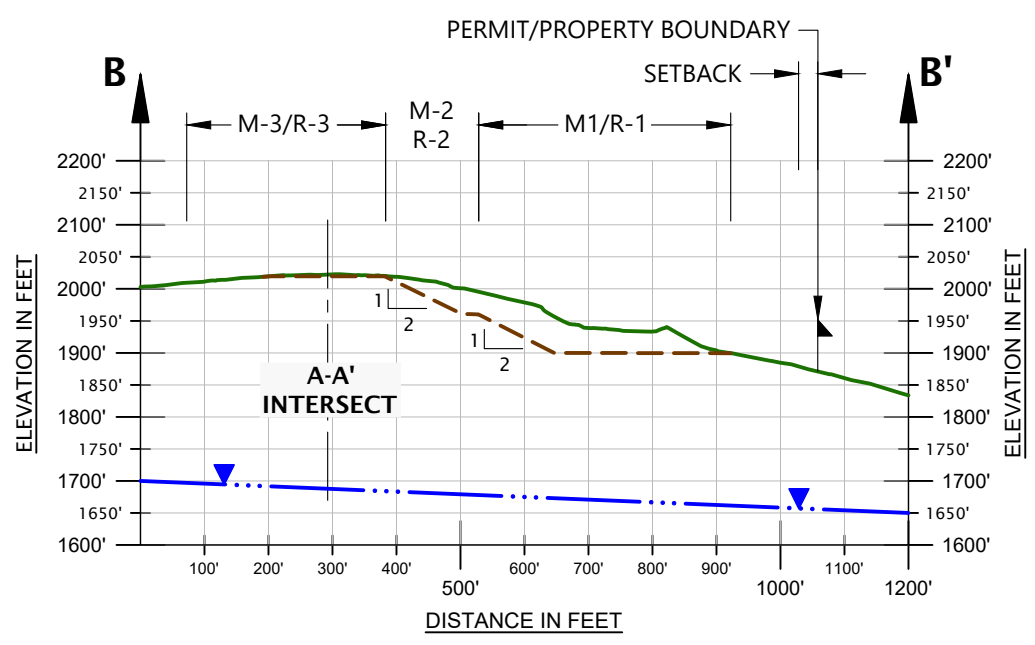
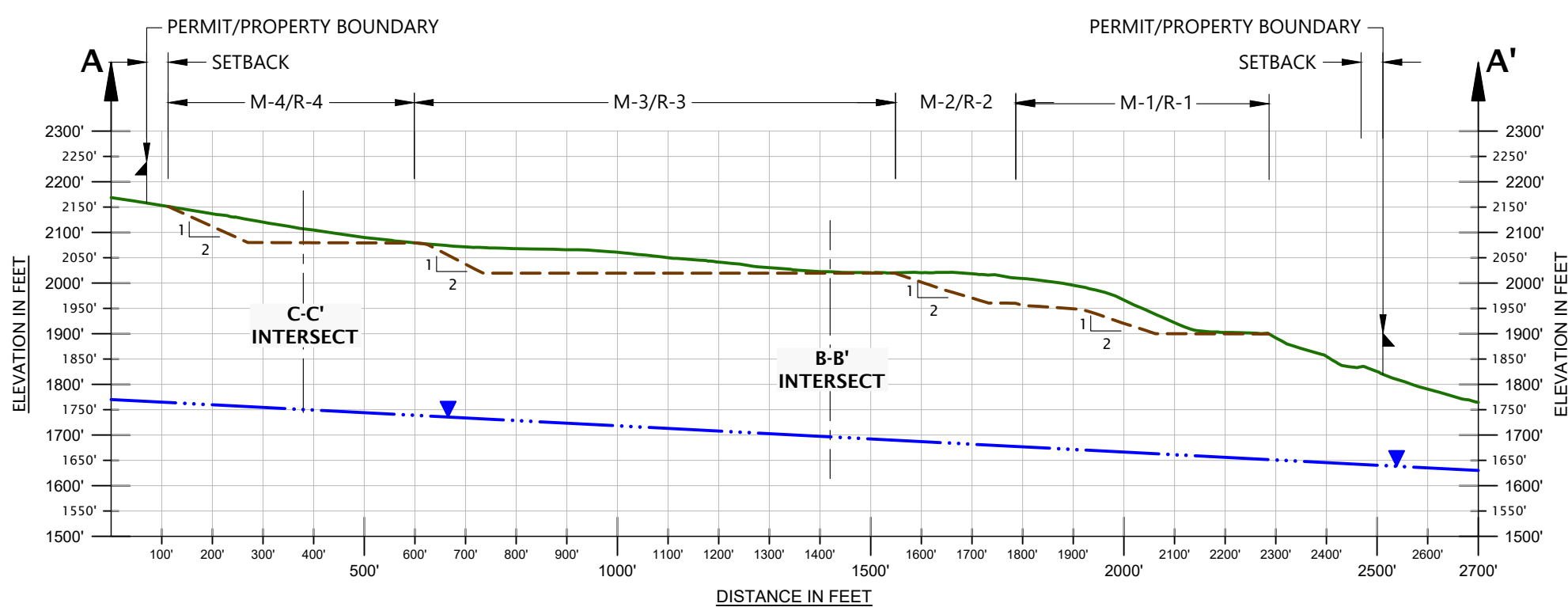
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**NOTES:**

1. PERMIT/PROPERTY BOUNDARY OBTAINED FROM KITTITAS COUNTY ASSESSOR.
2. EXISTING TOPOGRAPHY DERIVED FROM 2020 LIDAR DATA OBTAINED FROM DNR.
3. STREAM LOCATIONS DEFINED FROM FPARS MAP OBTAINED FROM DNR.
4. WETLAND LOCATION OBTAINED FROM NATIONAL WETLAND INVENTORY.
5. FOR REVEGETATION AND PROPOSED SPECIES, SEE NARRATIVE.
6. FOR POSTMINING STORMWATER EROSION CONTROL MEASURES, SEE NARRATIVE.

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