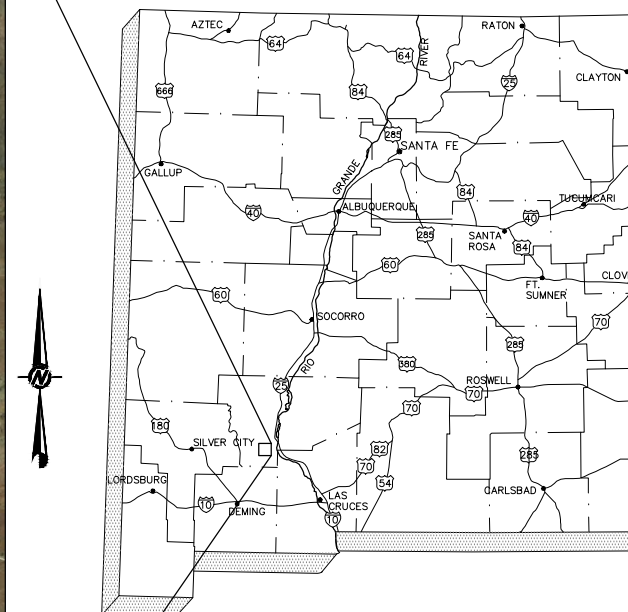




COPPER FLAT PROJECT
WASTE ROCK DUMP, LOW GRADE ORE
STOCKPILE, AND TAILINGS DISPOSAL FACILITIES
YEAR 5 CLOSURE PLAN
SIERRA COUNTY, NEW MEXICO
JULY 2012



LOCATION MAP
NOT TO SCALE



STATE OF NEW MEXICO
NOT TO SCALE

LIST OF DRAWINGS

No.	Title
1	TITLE SHEET AND LOCATION MAP
2	YEAR 5 WASTE ROCK, LOW GRADE ORE STOCKPILE, AND TAILINGS DISPOSAL FACILITIES PLAN
3	YEAR 5 TAILINGS STORAGE FACILITY PLAN
4	YEAR 5 TAILINGS STORAGE FACILITY REGRADE PLAN
PENDING 5	TAILINGS STORAGE FACILITY CROSS-SECTIONS AND DETAILS
PENDING 6	TAILINGS STORAGE FACILITY SPILLWAY PLAN
7	YEAR 5 LOW GRADE ORE STOCKPILE PLAN
8	YEAR 5 LOW GRADE ORE STOCKPILE REGRADE PLAN
PENDING 9	LOW GRADE ORE STOCKPILE CROSS-SECTIONS AND DETAILS
10	YEAR 5 WASTE ROCK DISPOSAL FACILITY PLAN
11	YEAR 5 WASTE ROCK DISPOSAL FACILITY REGRADE PLAN
PENDING 12	WASTE ROCK DISPOSAL FACILITY CROSS-SECTIONS AND DETAILS

GENERAL REFERENCES

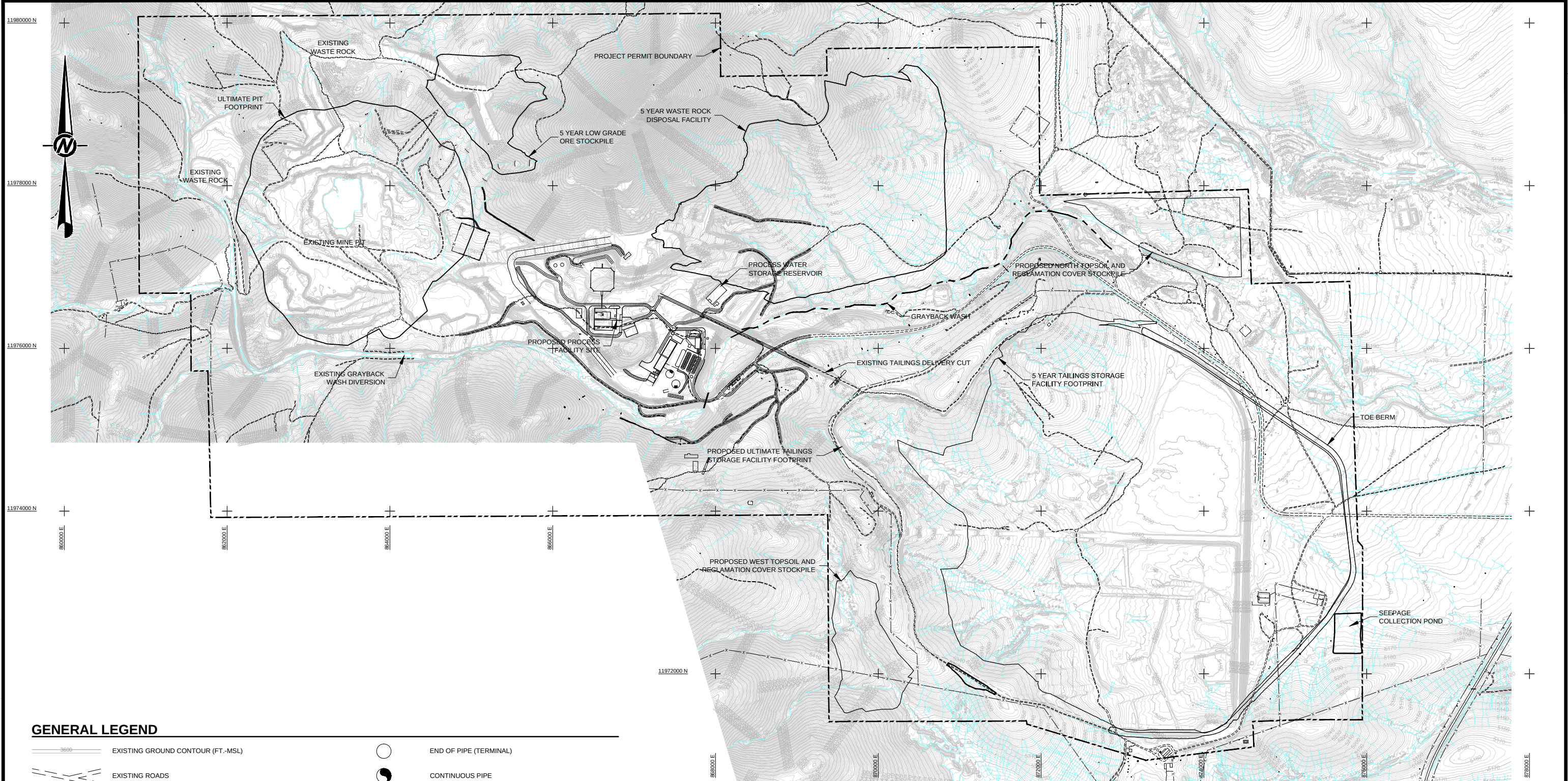
- 2-FOOT TOPOGRAPHY DEVELOPED BY COOPER AERIAL SURVEY CO. BASED ON JUNE 18, 2011 AERIAL SURVEY AND PROVIDED BY THEMAC RESOURCES.
- COORDINATE SYSTEM IS UTM ZONE 13 HARN IN FEET.
- YEAR 5 LOW GRADE ORE STOCKPILE AND WASTE ROCK DISPOSAL FACILITY PLAN BY INDEPENDENT MINING CONSULTANTS.

DRAWING USE
PRELIMINARY DESIGN
NOT FOR CONSTRUCTION

DRAFT

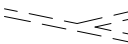
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	REV	DATE	REVISION DESCRIPTION			DES	CADD	CHK	RVW																									
PROJECT THEMAC RESOURCES 										COPPER FLAT PROJECT WASTE ROCK DUMP, LOW GRADE ORE STOCKPILE, AND TAILINGS DISPOSAL FACILITIES YEAR 5 CLOSURE PLAN SIERRA COUNTY, NEW MEXICO																								
TITLE TITLE SHEET AND LOCATION MAP																																		
										PROJECT No.					123-80002A					FILE No.					12380002AB001									
										DESIGN					DW					07/02/12					SCALE					NOT TO SCALE				
										CADD					NIL					07/02/12					DRAWING									
										CHECK					GM					07/06/12					1									
										REVIEW					RN					07/10/12														



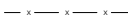


GENERAL LEGEND

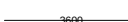
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EXISTING GROUND CONTOUR (FT.-MSL)
- 

EXISTING ROADS
- 

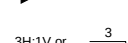
EXISTING DRAINAGE
- 

EXISTING FENCELINE
- 

PROJECT PERMIT BOUNDARY
- 

PROPOSED DESIGN CONTOURS (FT.-MSL)
- 

GRADE BREAK
- 

SLOPE INDICATOR
- 

3H:1V or 3 HORIZONTAL TO 1 VERTICAL SLOPE
- 

GRADE INDICATOR
- 

END OF PIPE (TERMINAL)
- 

CONTINUOUS PIPE
- 

BREAK IN PIPE
- 

BREAK IN DIMENSION
- 

DETAIL CALLOUT
DETAIL ID
DRAWING SHEET LOCATION
- 

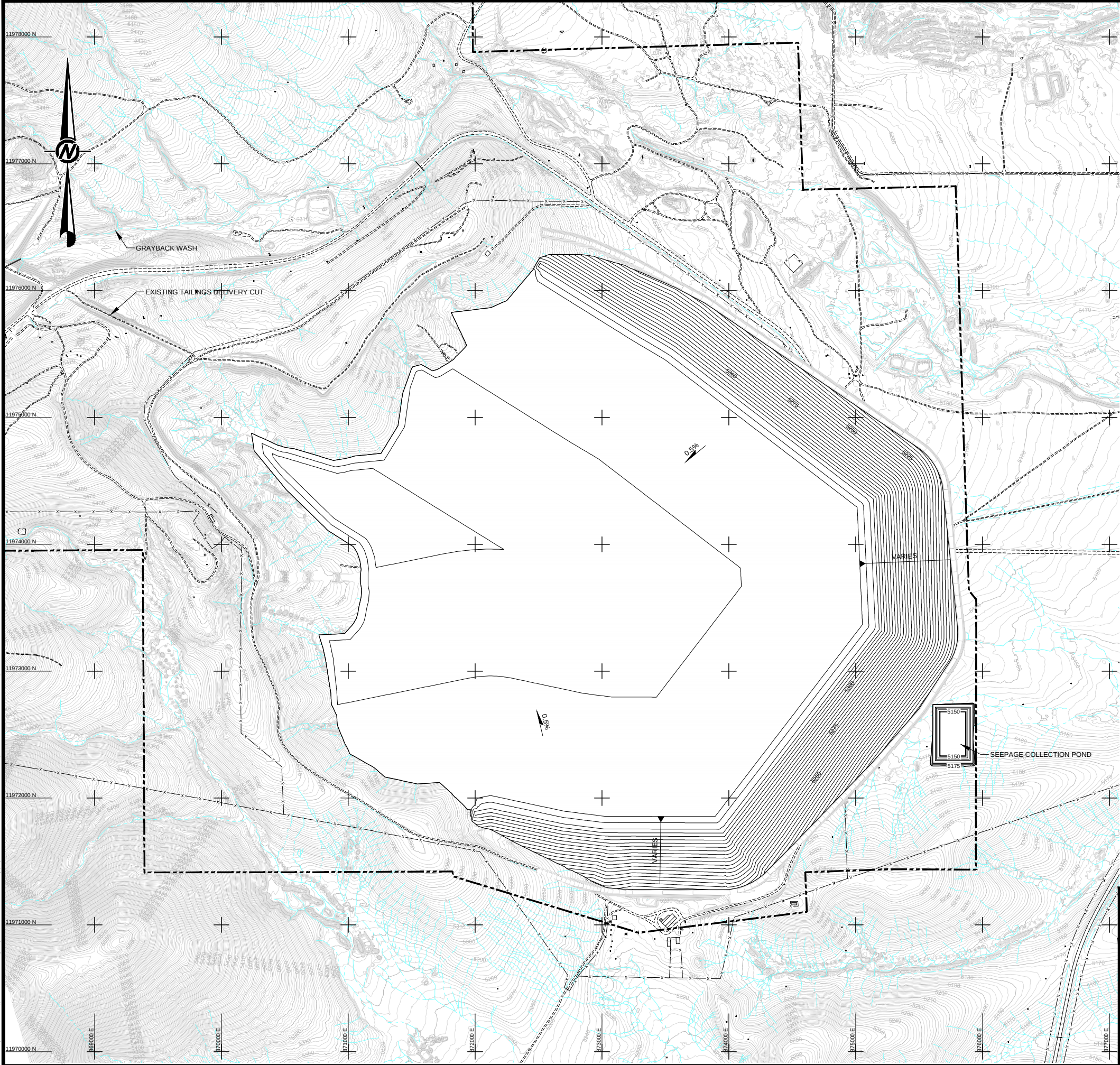
CROSS-SECTION CALLOUT
SECTION ID
DRAWING SHEET LOCATION



DRAFT

DRAWING USE
PRELIMINARY DESIGN
NOT FOR CONSTRUCTION

		07/13/12	ISSUED DRAFT FOR CLIENT REVIEW				DW	NIL	GM	RN	
REV	DATE	REVISION DESCRIPTION						DES	CADD	CHK	RVW
PROJECT		COPPER FLAT PROJECT WASTE ROCK DUMP, LOW GRADE ORE STOCKPILE, AND TAILINGS DISPOSAL FACILITIES YEAR 5 CLOSURE PLAN SIERRA COUNTY, NEW MEXICO									
											
TITLE		YEAR 5 WASTE ROCK, LOW GRADE ORE STOCKPILE, AND TAILINGS DISPOSAL FACILITIES PLAN									
		PROJECT No.		123-80002A		FILE No.		12380002AB002			
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		CADD	NIL	07/02/12		DRAWING					
		CHECK	GM	07/06/12							
		REVIEW	RN	07/10/12				2			



LEGEND

- EXISTING GROUND CONTOUR (FT.-MSL)
- EXISTING ROADS
- EXISTING DRAINAGE
- EXISTING FENCELINE
- PROJECT PERMIT BOUNDARY
- PROPOSED DESIGN CONTOURS (FT.-MSL)
- GRADE BREAK
- SLOPE INDICATOR
- 3H:1V or 3 HORIZONTAL TO 1 VERTICAL SLOPE
- GRADE INDICATOR
- DETAIL CALLOUT
DETAIL ID
DRAWING SHEET LOCATION
- CROSS-SECTION CALLOUT
SECTION ID
DRAWING SHEET LOCATION

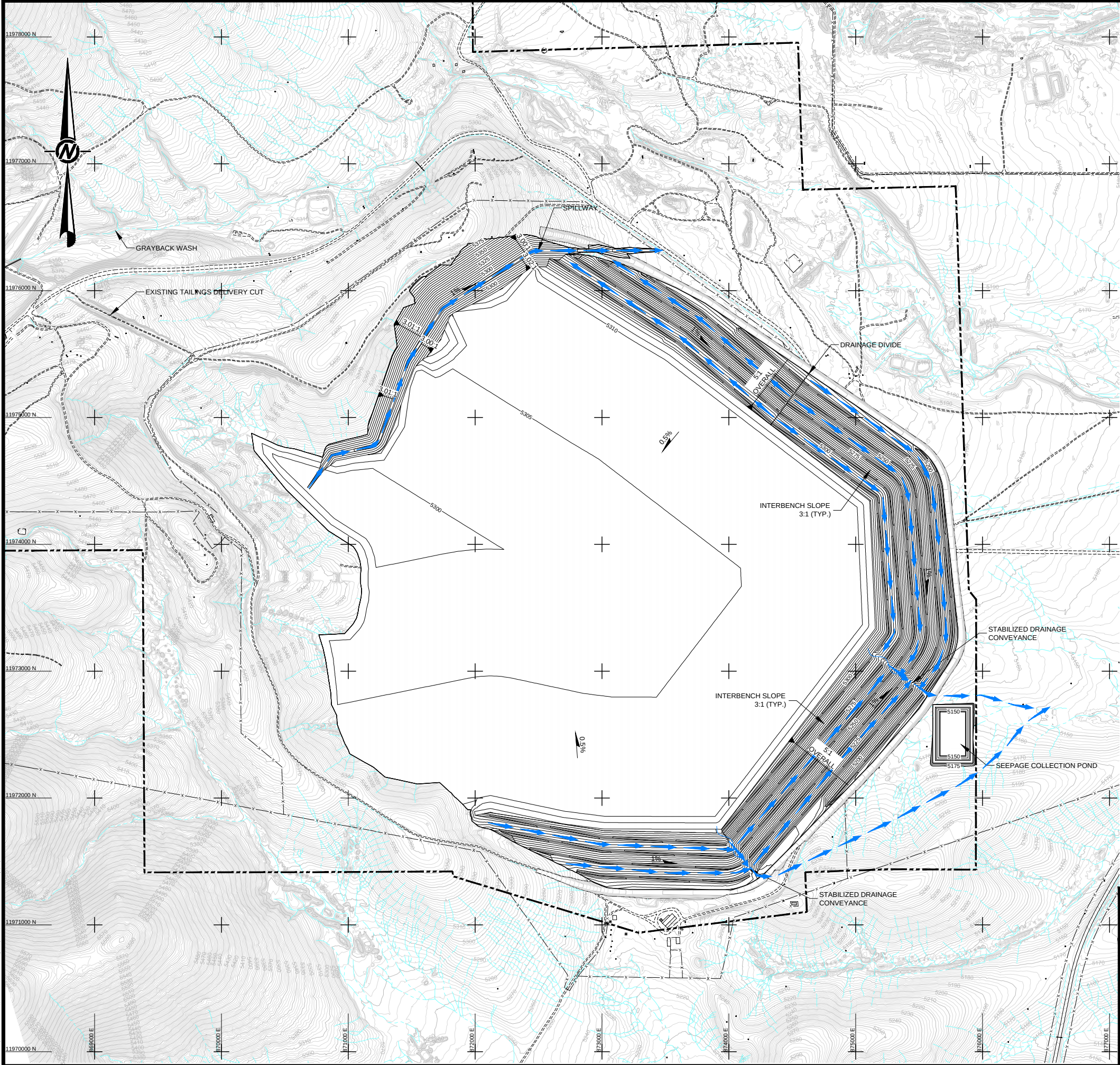


DRAWING USE
PRELIMINARY DESIGN
NOT FOR CONSTRUCTION

DRAFT

		07/13/12	ISSUED DRAFT FOR CLIENT REVIEW				DW	NIL	GM	RN
REV	DATE	REVISION DESCRIPTION					DES	CADD	CHK	RVW
PROJECT			COPPER FLAT PROJECT WASTE ROCK DUMP, LOW GRADE ORE STOCKPILE, AND TAILINGS DISPOSAL FACILITIES YEAR 5 CLOSURE PLAN SIERRA COUNTY, NEW MEXICO							
										
TITLE			YEAR 5 TAILINGS STORAGE FACILITY PLAN							
			PROJECT No.		123-80002A	FILE No.		12380002AB003		
DESIGN		DW	07/02/12			SCALE		AS SHOWN		
CADD		NIL	07/02/12			DRAWING		3		
CHECK		GM	07/06/12							
REVIEW		RN	07/10/12							





LEGEND

- EXISTING GROUND CONTOUR (FT.-MSL)
- EXISTING ROADS
- EXISTING DRAINAGE
- EXISTING FENCELINE
- PROJECT PERMIT BOUNDARY
- PROPOSED DESIGN CONTOURS (FT.-MSL)
- GRADE BREAK
- DRAINAGE
- CONVEYANCE DITCH
- SLOPE INDICATOR
- 3H:1V or 3 HORIZONTAL TO 1 VERTICAL SLOPE
- GRADE INDICATOR
- DETAIL CALLOUT
DETAIL ID
DRAWING SHEET LOCATION
- CROSS-SECTION CALLOUT
SECTION ID
DRAWING SHEET LOCATION

NOTE

1. STABILIZED CONVEYANCE TO CONSIST OF GROUTED RIPRAP, ARTICULATED CONCRETE MATS OR SIMILAR EROSION PROTECTION MEASURES.



DRAWING USE
PRELIMINARY DESIGN
NOT FOR CONSTRUCTION

DRAFT

	07/13/12	ISSUED DRAFT FOR CLIENT REVIEW				DW	NIL	GM	RN	
	REV	DATE	REVISION DESCRIPTION				DES	CADD	CHK	RVW
PROJECT						COPPER FLAT PROJECT WASTE ROCK DUMP, LOW GRADE ORE STOCKPILE, AND TAILINGS DISPOSAL FACILITIES YEAR 5 CLOSURE PLAN SIERRA COUNTY, NEW MEXICO				
										
TITLE										
YEAR 5 TAILINGS STORAGE FACILITY REGRADE PLAN										
	PROJECT No.		123-80002A		FILE No.		12380002AB004			
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	CHECK	GM	07/06/12							
	REVIEW	RN	07/10/12							
							4			





LEGEND

- EXISTING GROUND CONTOUR (FT.-MSL)
- EXISTING ROADS
- EXISTING DRAINAGE
- EXISTING FENCELINE
- PROJECT PERMIT BOUNDARY
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- GRADE BREAK
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- DETAIL CALLOUT
DETAIL ID
DRAWING SHEET LOCATION
- CROSS-SECTION CALLOUT
SECTION ID
DRAWING SHEET LOCATION



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PRELIMINARY DESIGN
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DRAFT

	07/13/12	ISSUED DRAFT FOR CLIENT REVIEW				DW	NIL	GM	RN
REV	DATE	REVISION DESCRIPTION				DES	CADD	CHK	RVV
PROJECT		COPPER FLAT PROJECT WASTE ROCK DUMP, LOW GRADE ORE STOCKPILE, AND TAILINGS DISPOSAL FACILITIES YEAR 5 CLOSURE PLAN SIERRA COUNTY, NEW MEXICO							
									
TITLE		YEAR 5 WASTE ROCK DISPOSAL FACILITY PLAN							
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		REVIEW	RN	07/10/12					

