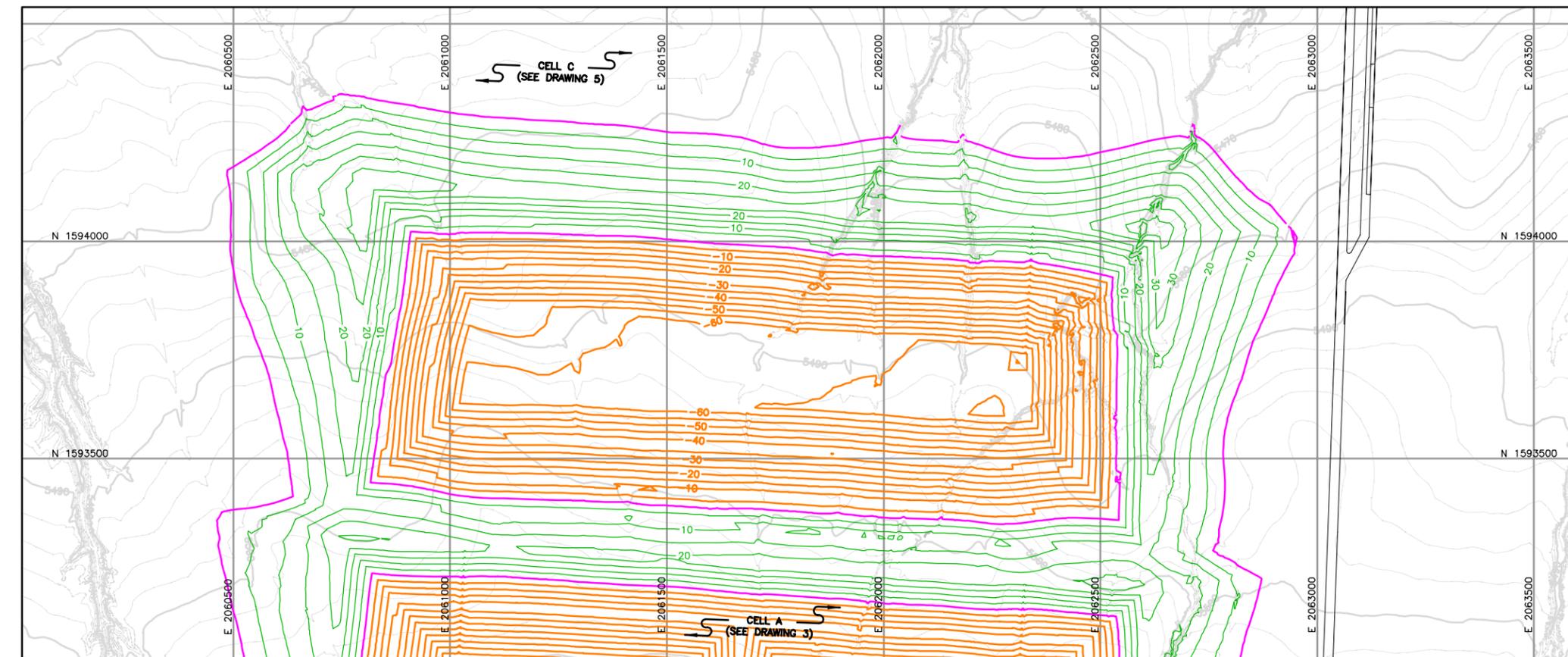


1 TAILINGS CELL B GRADING PLAN
SCALE: 1 IN. = 150 FT.



2 TAILINGS CELL B ISOPACH PLAN
SCALE: 1 IN. = 150 FT.

LEGEND

- EXISTING GROUND TOPOGRAPHY (SEE REFERENCE 1)
- PROPOSED FINISHED GRADE TOPOGRAPHY
- RUB SHEET (NOTE 4)
- ANCHOR BENCH
- UNDERDRAIN RISER PIPES
- LCRS RISER PIPES
- ISOPACH CUT CONTOUR
- ISOPACH FILL CONTOUR
- ISOPACH ZERO CONTOUR
- OPTIONAL DIVIDER BERM LOCATION
- TOE / CREST SLOPE DIRECTION
- CROSS SECTION IDENTIFIER
- SHEET WHERE SECTION IS LOCATED

NOTES

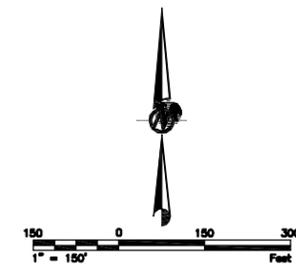
1. EACH TAILINGS CELL IS DESIGNED FOR A MINIMUM CAPACITY OF 2.45 MILLION TONS ASSUMING A DRY DENSITY OF 95 PCF.
2. GRADING PLAN DEVELOPED TO PROVIDE EXCESS MATERIAL FOR FUTURE USE AS CLOSURE COVER BORROW. MATERIAL TO BE STOCKPILED ON SITE WITH MAXIMUM SLOPES OF 3H:1V.
3. GRADING PLAN CONTOURS REPRESENT TOP OF UPPER GEOMEMBRANE WITHIN TAILINGS CELL, AND TOP OF STRUCTURAL FILL OUTSIDE THESE LIMITS.
4. RUB SHEET PLACED PER CLIENT RECOMMENDATION WHERE NEEDED AROUND TAILINGS CELL PERIMETER TO FACILITATE TAILINGS DELIVERY.
5. EMBANKMENT CREST TO BE SLOPED AT A MINIMUM OF ONE PERCENT INTO THE TAILINGS CELL.
6. DEPENDING ON OPERATIONS AT THE TIME OF CELL B CONSTRUCTION, A DIVIDER BERM SIMILAR TO THAT IN CELL A MAY BE CONSTRUCTED IN CELL B. IN THIS EVENT, GRADING WEST OF THE CELL CENTERLINES WILL SLOPE AT 1 PERCENT DOWN TO LCRS AND UNDERDRAIN SUMPS AT THE NORTHWEST CORNER OF THE CELL BASE. ADDITIONALLY, THE 2-BENCH SYSTEM SHOWN WILL BE REPLACED BY A 1-BENCH SYSTEM SIMILAR TO THAT SHOWN FOR CELL A.

REFERENCES

1. TWO-FOOT CONTOUR BASE MAP PROVIDED BY KLEINFELDER IN JUNE 2008, CREATED FROM DRAWING BY ACCURATE SURVEY & ENGINEERING DATED 9/6/2007.

GRADING QUANTITIES

	CUT (CU. YDS.)	FILL (CU. YDS.)	EXCESS (CU. YDS.)
CELL B	1,386,000	522,000	864,000 (CUT)



REV	10/8/08	KFM	ISSUED FOR DESIGN REPORT	JWR	KFM	JMJ
DES			REVISION DESCRIPTION	CADD	CHK	RW
PROJECT ENERGY FUELS RESOURCES CORPORATION PIÑON RIDGE PROJECT - TAILINGS CELL DESIGN MONTROSE COUNTY, COLORADO						
TITLE TAILINGS CELL B EXCAVATION GRADING PLAN AND ISOPACH						
PROJECT No. 073-81694		FILE No. 07381694AD40		SCALE AS SHOWN REV. A		
DESIGN	JWR	02/08	DRAWING	4		
CADD	JWR	02/08				
CHECK	KFM	05/08				
REVIEW	JMJ	05/08				

