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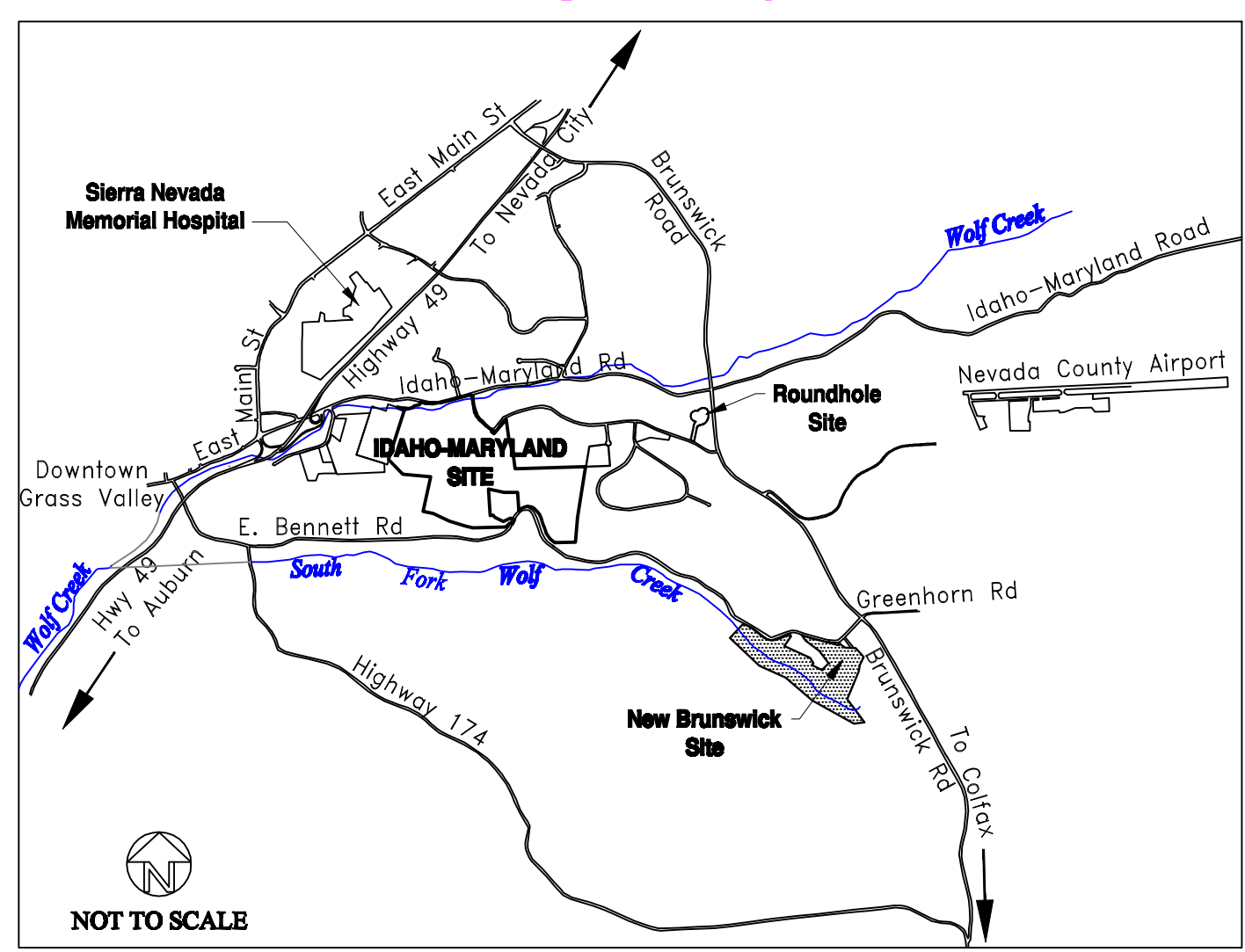
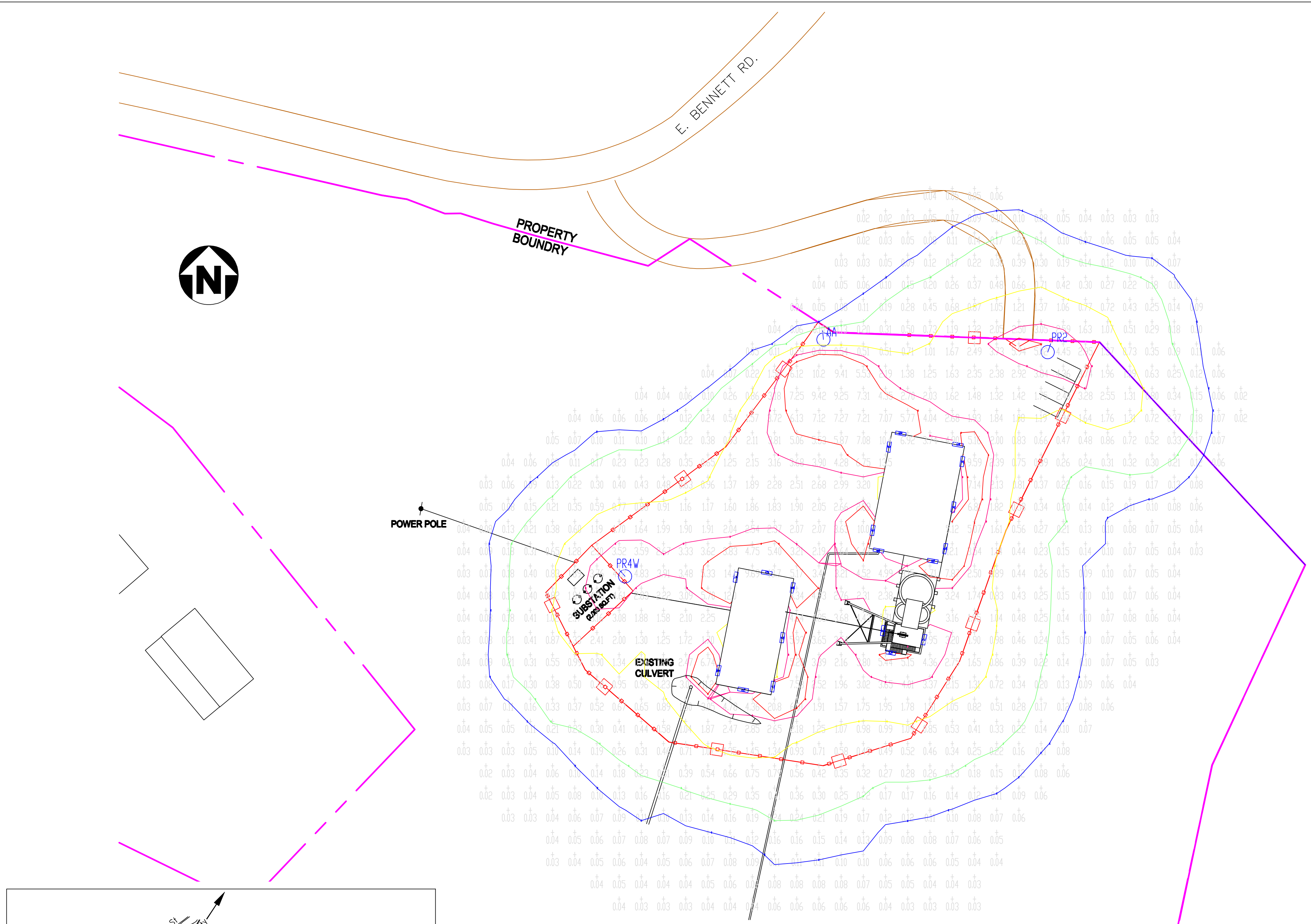
CALCULATION SUMMARY		
DIMENSIONS	GRID TYPE	SPACE
681.50x588.00 ft	HORIZONTAL / H-H	15 ft

DESIGN CRITERIA			
TYPE AREA	BASIS OF DESIGN AVG HDR. ILLUM. (Fc)	UNIFORMITY RATIO (Avg/Min)	REFERENCE
PARKING LOT	1	10	IESNA LIGHTING HANDBOOK, 9 ED
ACTIVE YARD	3	N.A.	OSHA 1926.56
SUBSTATION	2	N.A.	IESNA RP-7-01

ILLUMINANCE SUMMARY (Fc)		
LOCATION	AVERAGE ILLUMINANCE (Fc)	UNIFORMITY RATIO (Avg/Min)
PARKING LOT	2.82	3.19
ACTIVE YARD	3.79	5.26
SUBSTATION	2.85	2.53

NEW BRUNSWICK PROJECT (1079B) LUMINAIRE SCHEDULE							
TYPE	SYMBOL	DESCRIPTION	LUMENS	MOUNTING HEIGHT (ft)	TILT ANGLE (DEG, CW)	LLF	QTY
AA	⊙	LITHONIA HPS FLOOD LIGHT 1x1000W RME	140000	30	70	0.72	1
PR2	⊙	LITHONIA HPS RD LIGHT 1X400W R2 KSF2-400S	50000	30	0	0.72	1
PR4W	⊙	LITHONIA HPS RD LIGHT 1X400W R4W KSF2-400S	50000	30	0	0.72	1
WL9	⊞	LITHONIA TWH150-S 150W HPS WALLPACK	16000	9	N.A.	0.72	6
WL15	⊞	LITHONIA TWH150-S 150W HPS WALLPACK	16000	15	N.A.	0.72	6
W_9	⊞	LITHONIA TWH250-S 250W HPS WALLPACK	27500	9	N.A.	0.72	1
W_15	⊞	LITHONIA TWH250-S 250W HPS WALLPACK	27500	15	N.A.	0.72	2
W_24	⊞	LITHONIA TWH250-S 250W HPS WALLPACK	27500	24	N.A.	0.72	4

CONTOUR LEVELS (Fc):
 A= 5.00 B= 3.25 C= 1.00 D= 0.20 E= 0.10



NO.	DATE	REVISIONS	BY	CHK	DRAWN: DM	PROJECT:	SCALE: AS SHOWN
A	04-07	Issued For Permitting			DATE: 03-07	APPROVED: PN	DATE: 4-9-07
					CHECKED: PN	APPROVED: DGW	DATE: 4-9-07

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Idaho-Maryland Mine Project
 Grass Valley, California

New Brunswick Site
 Lighting Plan

PLATE:
R19