



associated with

**NEPAKON**  
CONSULTING ENGINEERS

# Eagle Lake Camp

6935 Rampart Range Rd  
Cascade, CO 80905

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project

seal

28627

PROFESSIONAL ENGINEER

REGISTERED

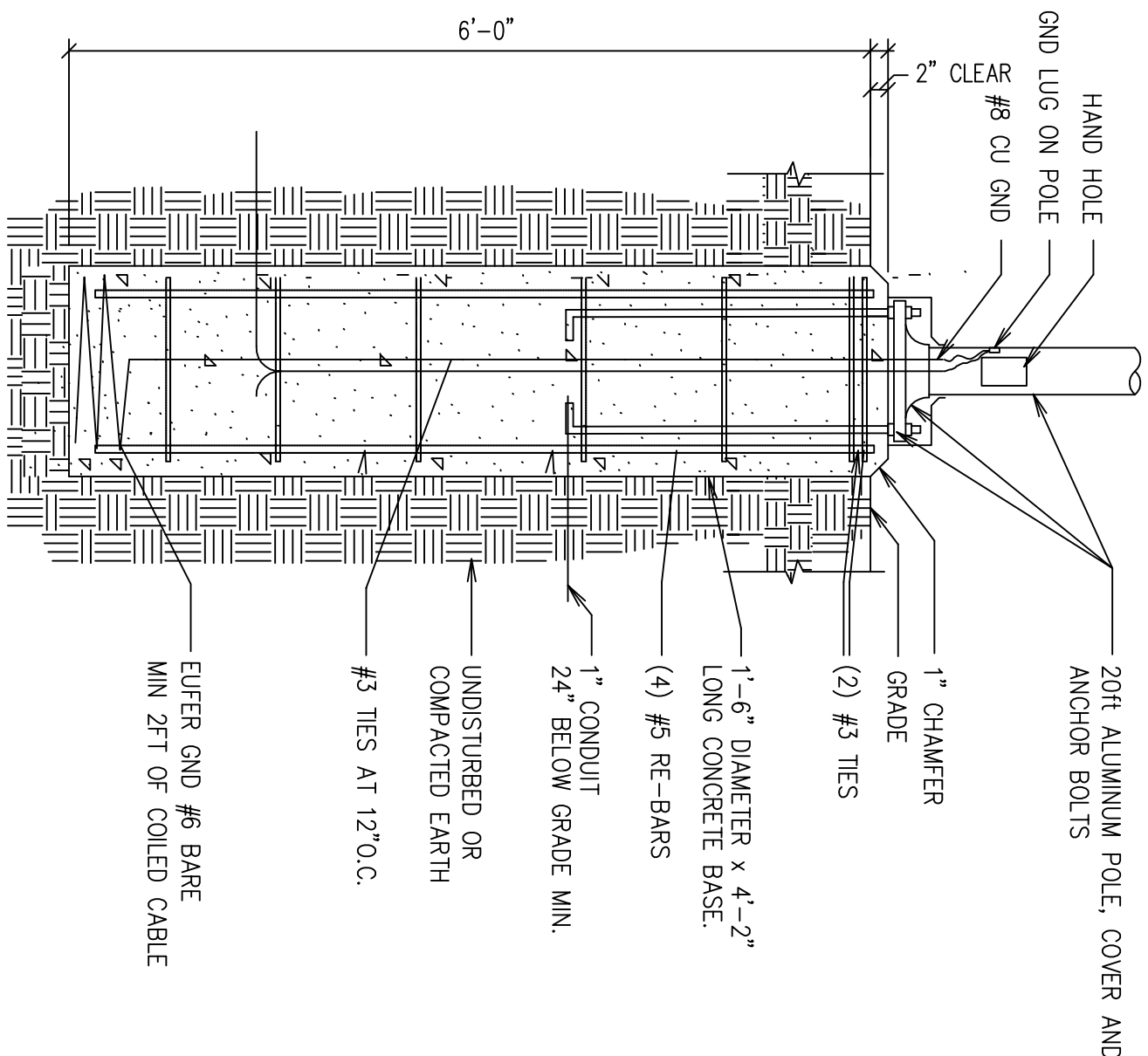
EXPLORATION ENGINEER

DEVELOPMENT PLAN

[illegible]

# DEVELOPMENT PLAN ELECTRICITY

# E-001



## TYPE F1 & F2 - POLE BASE DETAIL

NO SCALE



## TYPE D

PRESCOLITE LC6SL, 1000 LM, 4000K  
LED, FULL CUT-OFF, 8-INCH DOWN LIGHT  
RECESSED, WET-LOCATION



## TYPE F1

LITHONIA RSXF1 LED WIDE FLOOD  
CUT-OFF VISOR TO LIMIT SPILL LIGHT  
10,600 LUMENS, 4000K



## TYPE E

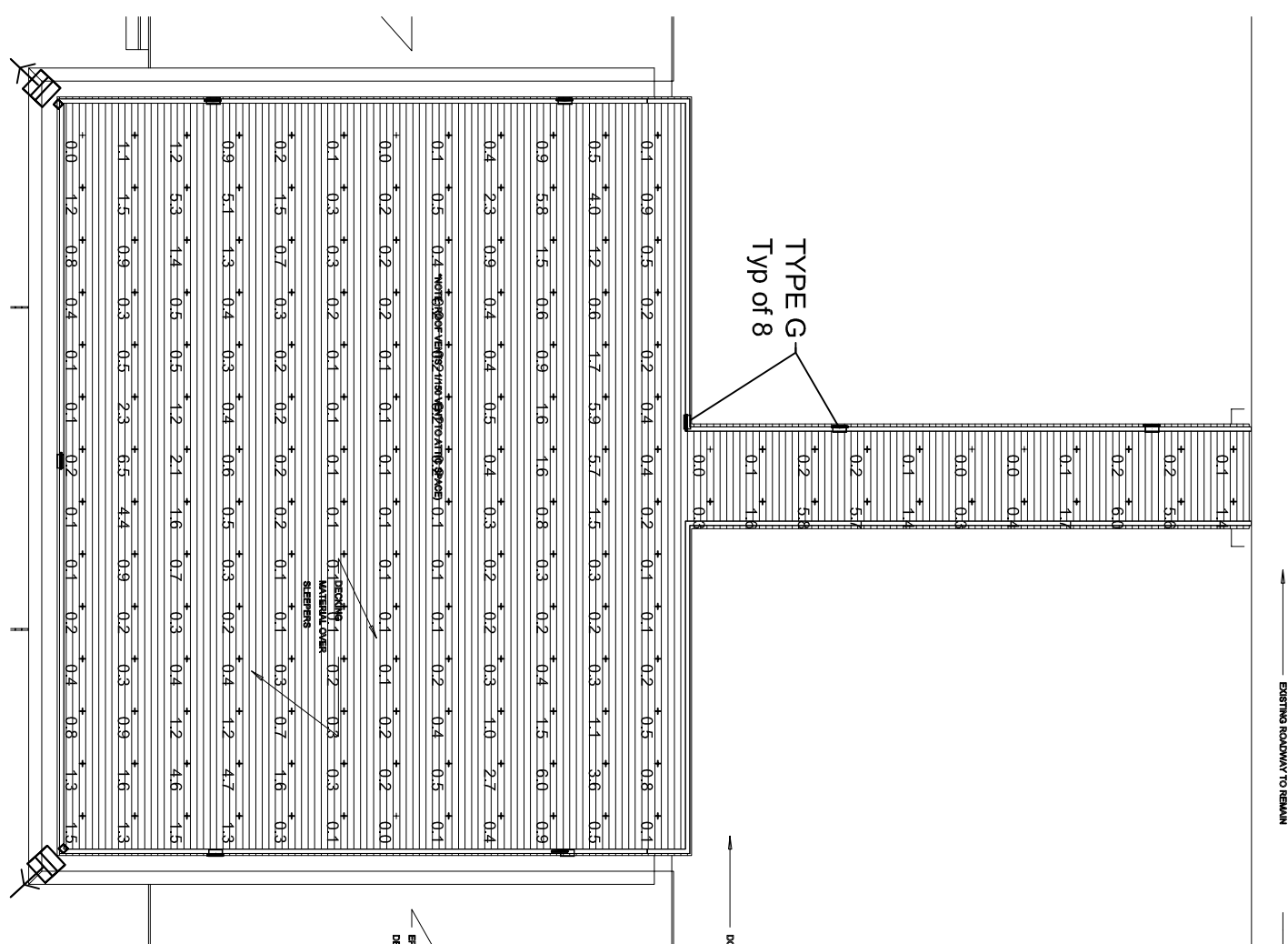
LITHONIA DSCF2 - LED  
SMALL LED FLOOD LIGHT, 6800 LUMENS, 4000K  
SURFACE MTD TO POSTS ON UPPER DECK



## TYPE G

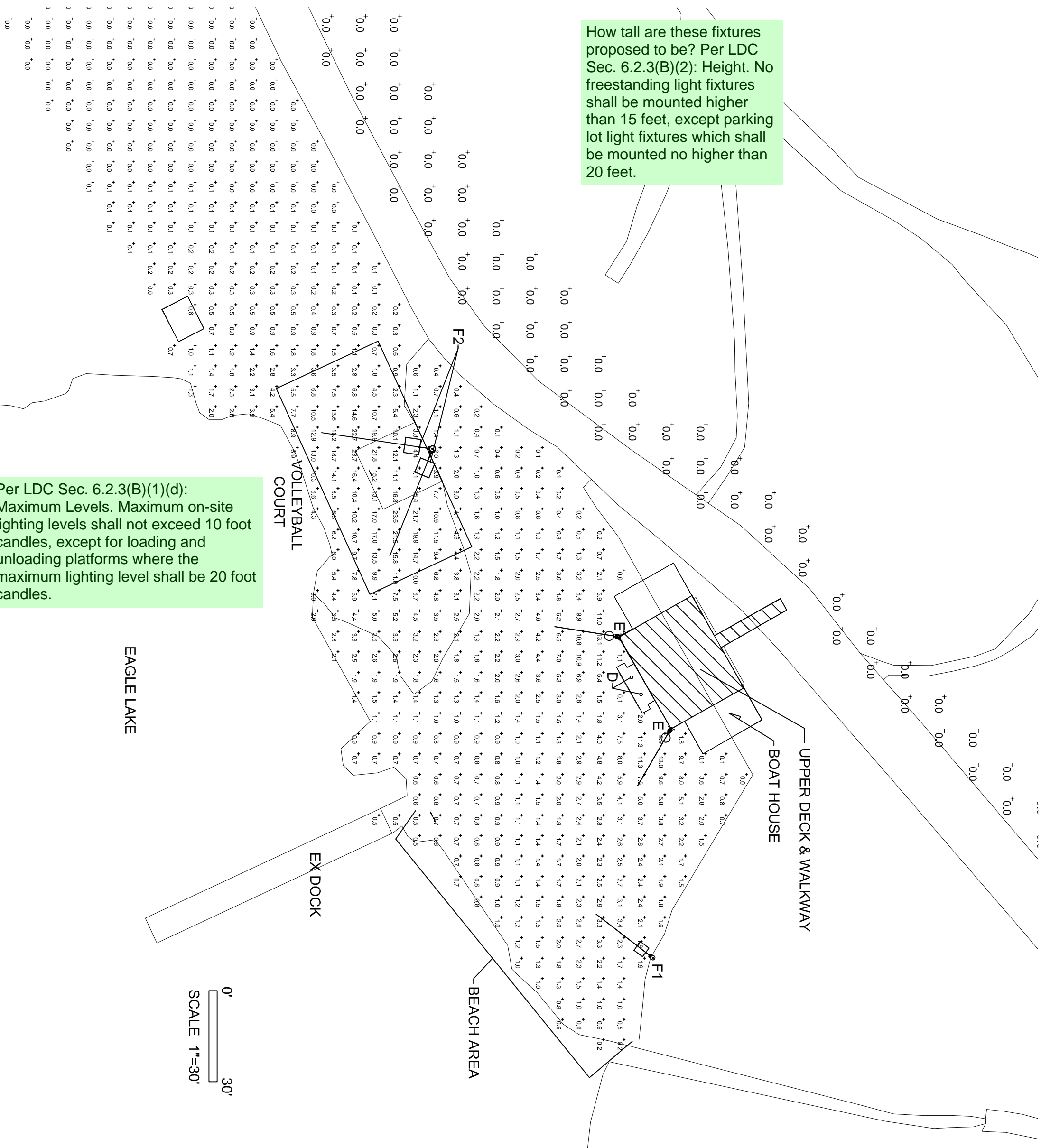
LITESTEP SLED2, LED STEP LIGHT  
FULL CUT-OFF, 130 LUMENS, 4000K  
SURFACE MTD ON UPPER DECK

Per LDC Sec. 6.2.3(B):  
Light fixtures, except as otherwise permitted herein, are required to be full cutoff as defined by the Illuminating Engineers Society of North America (IESNA) The cut-off angle of an exterior light source shall not exceed 90 degrees. Full cut-off fixtures may not be tilted or aimed in a manner that results in light distribution above the horizontal plane. The use of semi-cut-off or cutoff (as opposed to full cutoff) fixtures shall be permitted to illuminate areas other than parking lots provided the pole or mounting point is no more than 10' in height and the maximum lumen output does not exceed 1800 lumens per lamp.



## UPPER DECK PLAN - LIGHTING POINT-CALCS

NO SCALE



## PLAN - SITE LIGHTING POINT-CALCULATIONS

SCALE: 1:30

number	description	chkd	drawn	job #	issue / revision	seal	project	associated with	architect
E-001	DEVELOPMENT PLAN ELECTRICAL	Checker JBT	Author CAD	149-107	<div style="text-align: center;">             DEVELOPMENT PLAN         </div>		<b>Eagle Lake Camp</b>  6935 Rampart Range Rd Cascade, CO 80905	 <b>RED ROCK</b> <small>CONSULTING ENGINEERS</small>	<b>HB&amp;A</b> <b>Architect</b> <small>AND</small> <b>Planning</b>  102 E. Moreno Avenue Colorado Springs, CO 80 719.473.7063 <a href="http://www.hbaa.com">www.hbaa.com</a>