

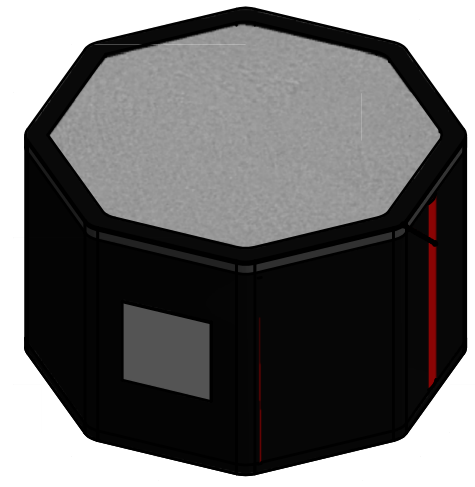
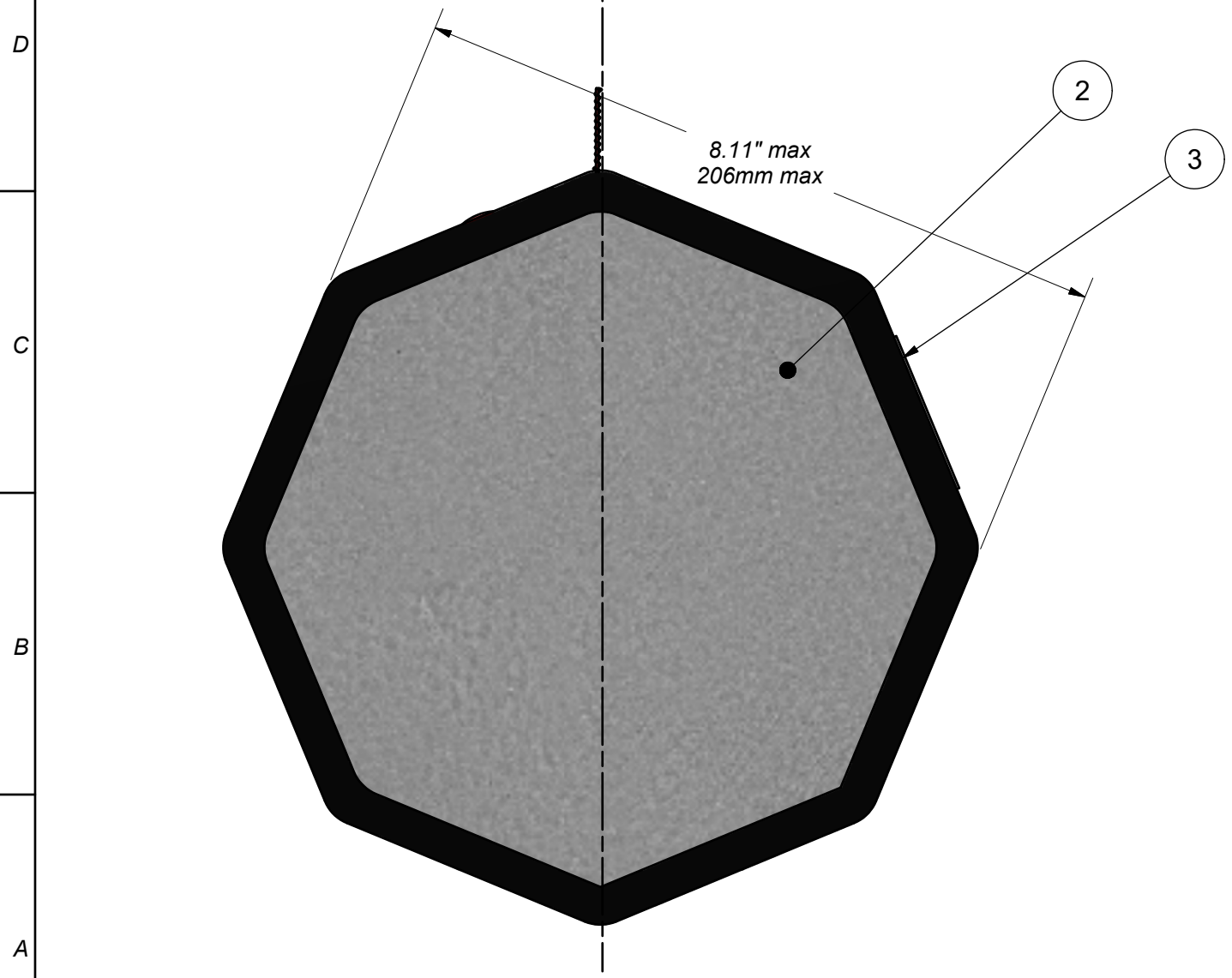
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	36	Li-SOCL2 Bobbin Construction	DD Cell
2	2	Plate Glass Epoxy	
3	1	Shrinkable Sleeve	Black
4	1	Black Wire, 20AWG	10/30AWG, TFE MIL/W/16878
5	1	Red Wire, 20AWG	10/30AWG, TFE MIL/W/16878
6	1	Label	
7	1	Hot Glue	
8	40	Diode Schottky	SB-540

Electrical Characteristics:
 Set of 36 Size DD Lithium Batteries
 9 Series, 4 Parallel Pack, diode protection on all cells and on each parallel series (40 diodes).

Electrochemical System: Lithium Thionyl Chloride
 Open Circuit Voltage @RT: 32.5÷34.0V (10MΩ DVM)
 Operating Voltage @RT: 30.5 ± 2.5V (AT 40mA LOAD)
 Ampere Hour Rating @RT: 152AH (AT 40mA LOAD)
 Operating Temp: From -55°C to +85°C

Bids must include delivery to 126 SW McKenzie Ave, Corvallis, OR . 97333.
 All bids must include a copy of the drawing annotated to show the manufacturer and rating of the cell used, and must also include a specification sheet for the cell.

Label minimum 2"x2" to include (in English):
 Vendor name
 Pack voltage, Ah rating, total watt-hour
 Cell chemistry
 Cell Manufacturing date
 Graphic for do not dispose in trash
WARNING:
 Fire, Explosion, and Severe Burn Hazard, Do Not Recharge, Crush, Disassemble, Heat Above 212° F (100° C), Incinerate, Or Expose Contents to Water
 Country of Origin



REV		DATE		DESCRIPTION		APPROVED	
A		4/9/2018		Proposal			
REFERENCE DESIGNATOR				Ocean Observing Center			
DESIGN				College of Earth Ocean and Atmospheric Sciences			
Chris Holm				Oregon State University 126 SW McKenzie Ave, Corvallis, OR 97333			
DATE				T: 541-737-0011 https://ceoas.oregonstate.edu			
4/9/2018				TITLE			
DRAFT				DATE			
4/9/2018				SIZE			
CHECKED				DWG NO			
DATE				NA			
APPROVED				REV			
J FRAM				A			
MFG APPROVAL				DATE			
J FRAM				NOT TO SCALE			
SHEET 1 OF 1							