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TITLE:
SACRIFICIAL MAGNESIUM ANODE- 32 LB
(High Potential)

DWG CODE: **BAMD1L540W140G14500-H** DOC NO.: **4-DR-19**

Approved by BORNA GODAZ Co.

Name & Signature:

Client's Approval

Name & Signature:

Specifications & Properties	
Anode Dimension (mm)	L=540 ; W=140 ; H=140
Insert Dimension (mm)	A=405 ; B=16 ; Thickness=1.5
Gross Wt. (Kg) (Approx.)	Without Backfill=14.5 ; With Backfill= 30
<input checked="" type="checkbox"/> Cable (mm)	ACC. TO THE REQUEST
Shield =	<input type="checkbox"/> Double Jacket HMWPE /PVDF <input checked="" type="checkbox"/> Double Jacket XLPE/PVC
<input checked="" type="checkbox"/> Back Fill (%)	Gypsum=75 ; Bentonite=20 ; Sodium Sulphate=5

NOTE:
- All data specifications are prepared according to relevant standards and regulations.

Electrochemical Properties of Magnesium Anodes	
Acc. To IPS-M-TP-750/3	
Electrochemical capacity (A.h/kg)	1200
open circuit potential (V) CU/CUSO4 Reference Electrode	-1.7
Efficiency (%)	50
Chemical Composition of Magnesium Anodes	
Acc. To IPS-M-TP-750/3	
Aluminum	0.01% max
Manganese	0.9-1.2%
Copper	0.02% max
Iron	0.03% max
Nickel	0.001% max
All other	0.3% max
Magnesium	Remainder

	NAME	DATE
Design & Draw:	H.SOHRABI	15 AUG 2017
Checked:	A.AKHLAGHI	15 AUG 2017
Approved:	M.NASRI	15 AUG 2017
SCALE:	A4	SHEET 1 OF 1

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