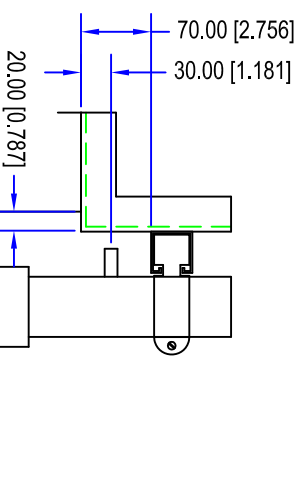
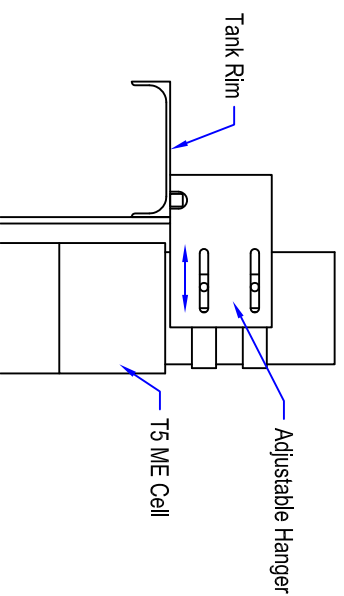
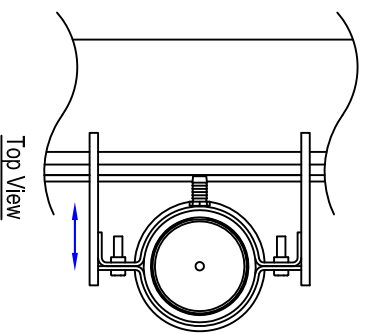


TECTRON Cell	X	Y
1 1/2" Size	150.00 [5.910]	80.00 [3.150]
2" Size (Auto)	200.00 [7.874]	130.00 [5.120]



Single Strut Channel for Cells 750mm or Less

**General Notes:**  
ALL VIEWS ARE TYPICAL

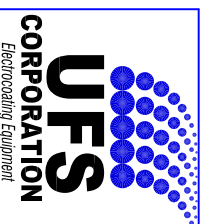
- Support both horizontal square strut channels every 1500mm [4'-5"] with brackets.
- Use Splash Guards for last 6 Cells on each side (minimum).
- Support siphon breaker and vent to suit. (See DWG# 997108)
- Slope Return Manifold 20mm per meter [1/4" per foot] of run. Support both Manifolds every 1500mm [4'-5"]. Use 2 piece clamps to secure Manifolds to strut channel.
- Use shims between Neck and strut channels as required for Cells to hang vertical.
- Align center of Cells with appropriate hole in Supply and Return Manifolds, but maintain 75mm [3"] clearance to keep Membrane Shell from rubbing on object(s).
- Use only two piece clamps to secure Cells to strut channel.
- Mount Conductivity Controller within 1000mm [3'] of top center of Cell Circulation System (CCS). (See DWG# 997111)
- Secure CCS Tank to floor using SS clips that slip into feet at four corners and anchor to floor with 10mm [7/16"] Lag Bolt.
- Install Cells only after tank is cleaned, but prior to filling with DI water and/or paint. Open Membrane Shell packaging to expose Neck and attach to strut channel with 2 clamps. Remove packaging after all Cells have been installed.

Effective Length of Electrode	MM	IN	Recommended Clamp Type	
			1 1/2"	2"
910	35.8	Metal or Plastic	Metal Only	
1400	55.12	Metal or Plastic	Metal Only	
1900	74.8	Metal or Plastic	Metal Only	
2300	90.6	Metal	Metal Only	
2900	114.2	Metal	Metal Only	

Electrode Area	M <sup>2</sup>	FT <sup>2</sup>	Anolyte Flow Per Manifold (Total Flow/2)		Recommended Supply Manifold Size		Recommended Return Manifold Size	
			LPM	GPM	MM	IN	MM	IN
0-45.5	0-490	185	49	50.8	2.0	76.2	3.0	
46-98.5	500-1150	400	106	63.5	2.5	101.6	4.0	
99-162.5	1160-1750	660	175	76.2	3.0	127	5.0	

XXXXXX = Part Number



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Designed By: JD  
 Date: 2/28/07  
 Approved By: F3  
 Date: 2/28/07

**General Arrangement Mechanical Details**  
 Small and Large Diameter TECTRON ME Cells

UFS Part No. **997106**

Sheet: 1/1  
 Revision: 0  
 Units: mm[in]  
 Scale: None