

# Model AX – Custom Anodes

EDI can customize any of its anodes or design special anodes to meet the unique requirements of a particular application. These products are usually designated as Model AX followed by a sequence number. This data sheet shows a few of the custom models we have built. Contact us for additional information on custom design anodes.

## Special and Custom Impressed Current Anodes:

<u>Model</u>	<u>Description</u>
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<b>AL</b>	Model AL is a low profile strip anode which only projects 1 inch from the vessel wall.
<b>AX02</b>	Model AX02 is flush mounted on the wall of a large diameter water tunnel. Dimensions are sized to suit the box recess.
<b>AX15</b>	Model AX15 is a rod anode with a cantilever or tee mount. It is used where the entire anode is immersed such as waterfront structures
<b>AX18</b>	Model AX18 is a 4 foot strip anode which projects 2 inches from the vessel wall.
<b>AX21</b>	Model AX21 is a fully immersible 1/8 inch dia. probe anode.
<b>AX23</b>	Model AX23 is a suspended tubular anode.

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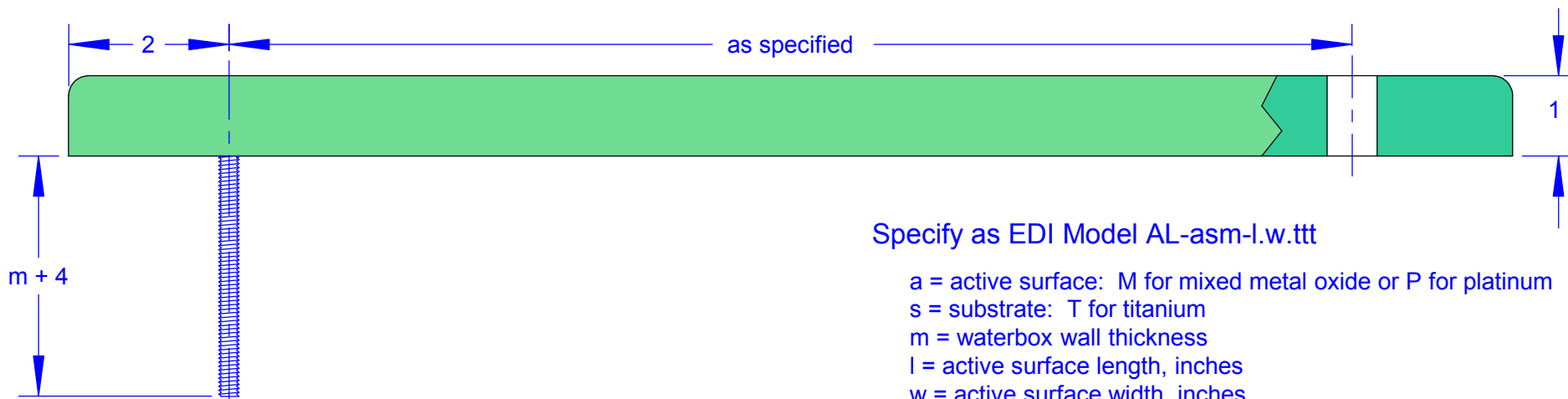
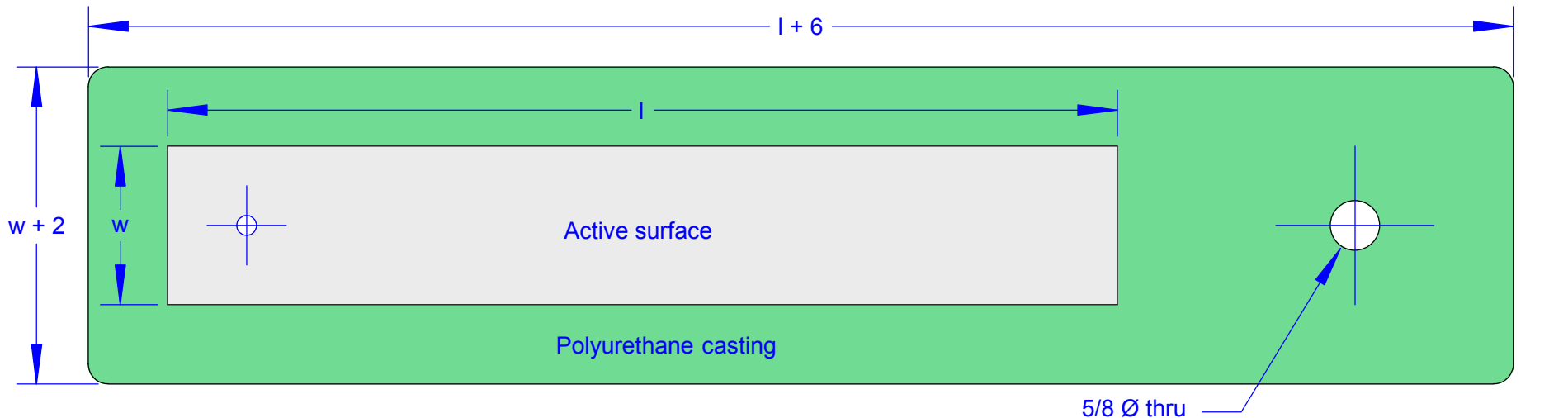
**electrochemical devices, inc.**

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*A Series  
Impressed  
Current Anodes*



Specify as EDI Model AL-asm-l.w.ttt

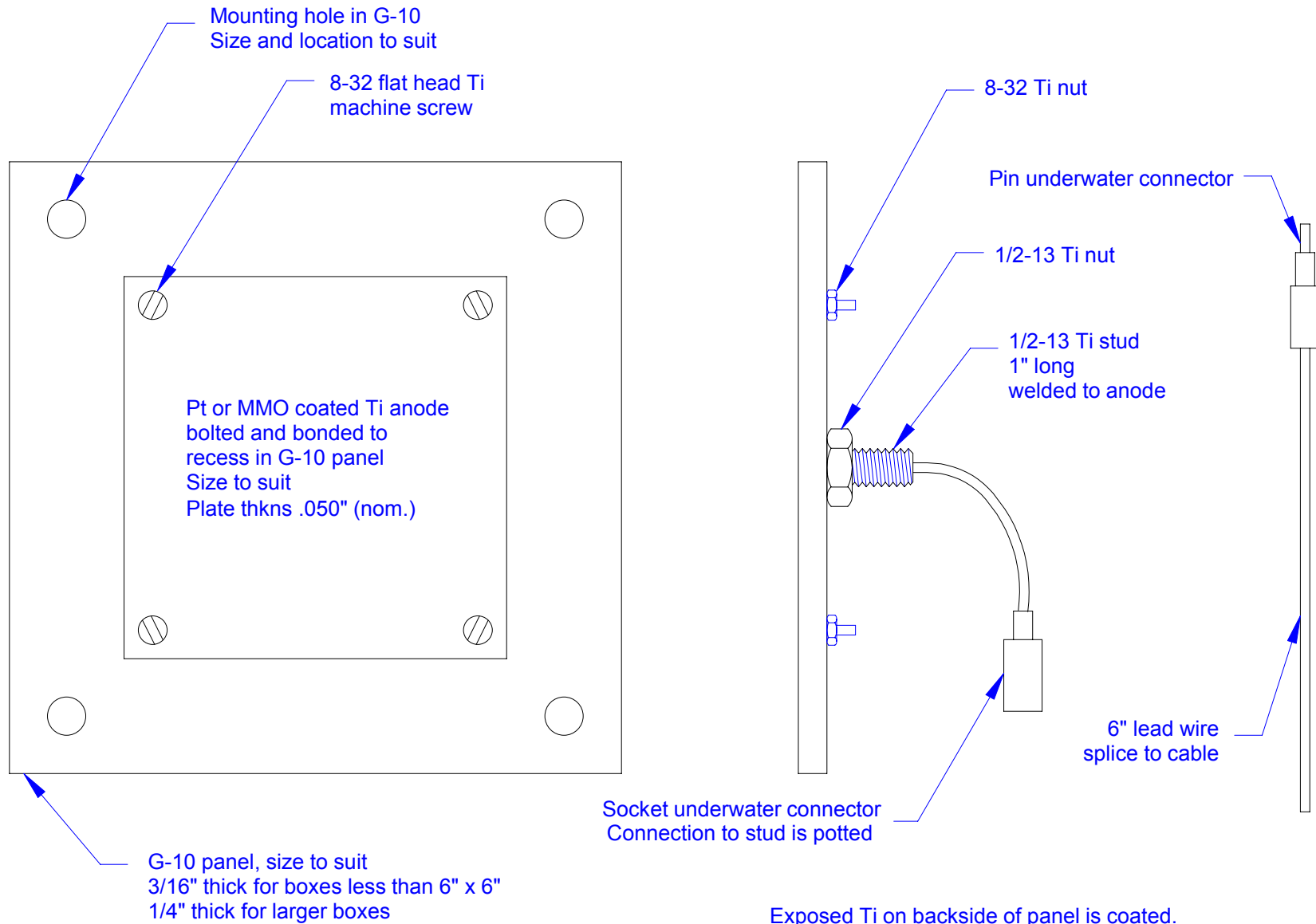
a = active surface: M for mixed metal oxide or P for platinum  
 s = substrate: T for titanium  
 m = waterbox wall thickness  
 l = active surface length, inches  
 w = active surface width, inches  
 ttt = micro-inches platinum: 100, 150, 200, 250 or 300; or  
 electrolyte for mixed metal oxide: F, B or S for  
 Fresh, Brackish or Salt water

**Dimensional Limits**

Low profile anodes can be made in any custom size subject to the limits shown in the table at right.

	$\frac{l}{6}$	$\frac{w}{1}$
Min.	6 in.	1 in.
Max.	20 in.	10 in.

(l + 6) x (w + 2) must be less than 200.



Exposed Ti on backside of panel is coated.  
No gasketing is needed between G-10 panel and box. This design will work when fully immersed.



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## Box Cover Flush Anode

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SCALE NONE

DRAWN BY FJA

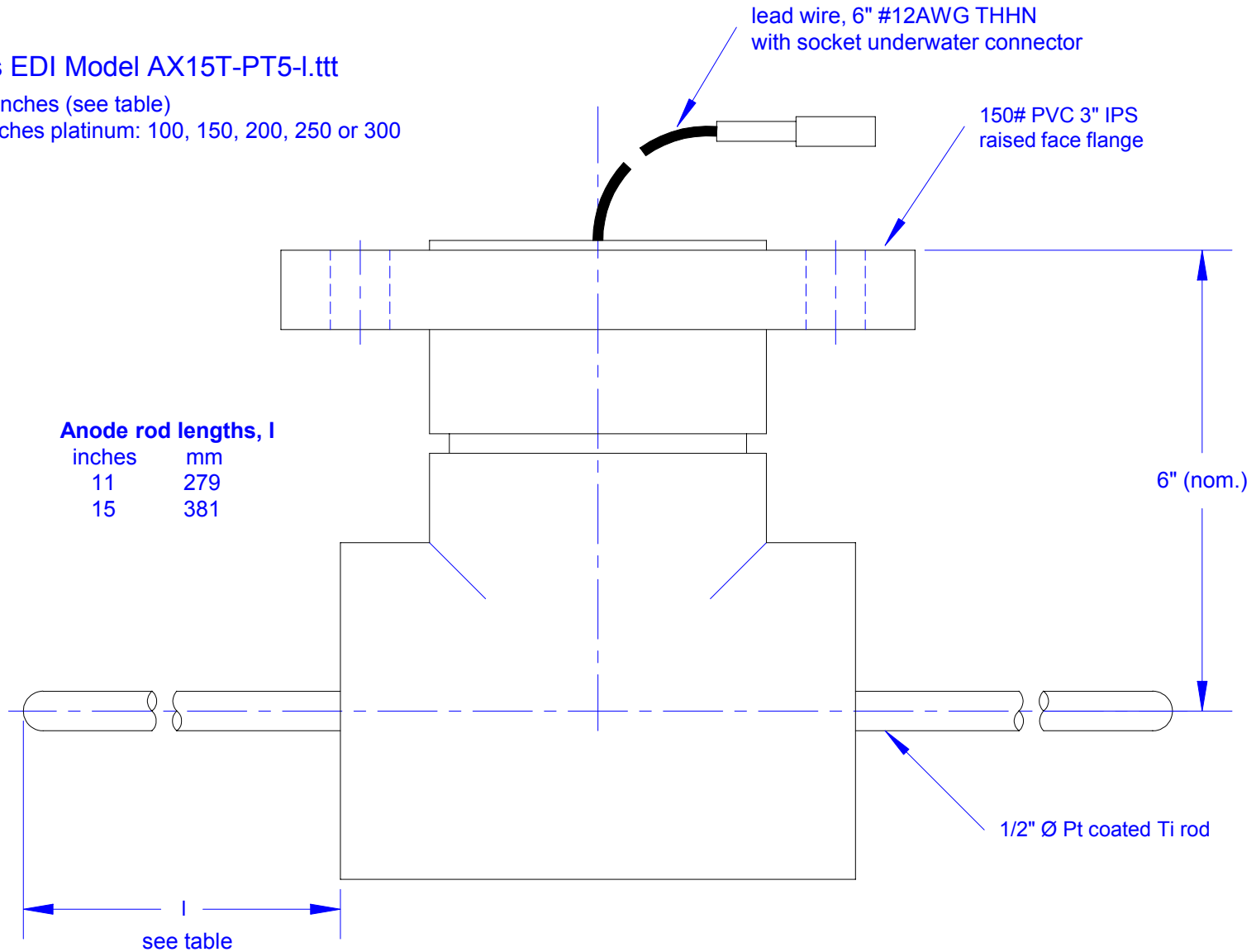
DATE 03/20/02

DRAWING NUMBER AX02ASY

Specify as EDI Model AX15T-PT5-I.ttt

I = length in inches (see table)

ttt = micro-inches platinum: 100, 150, 200, 250 or 300



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# Tee-mount Probe Anode

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SCALE HALF

DRAWN BY FJA

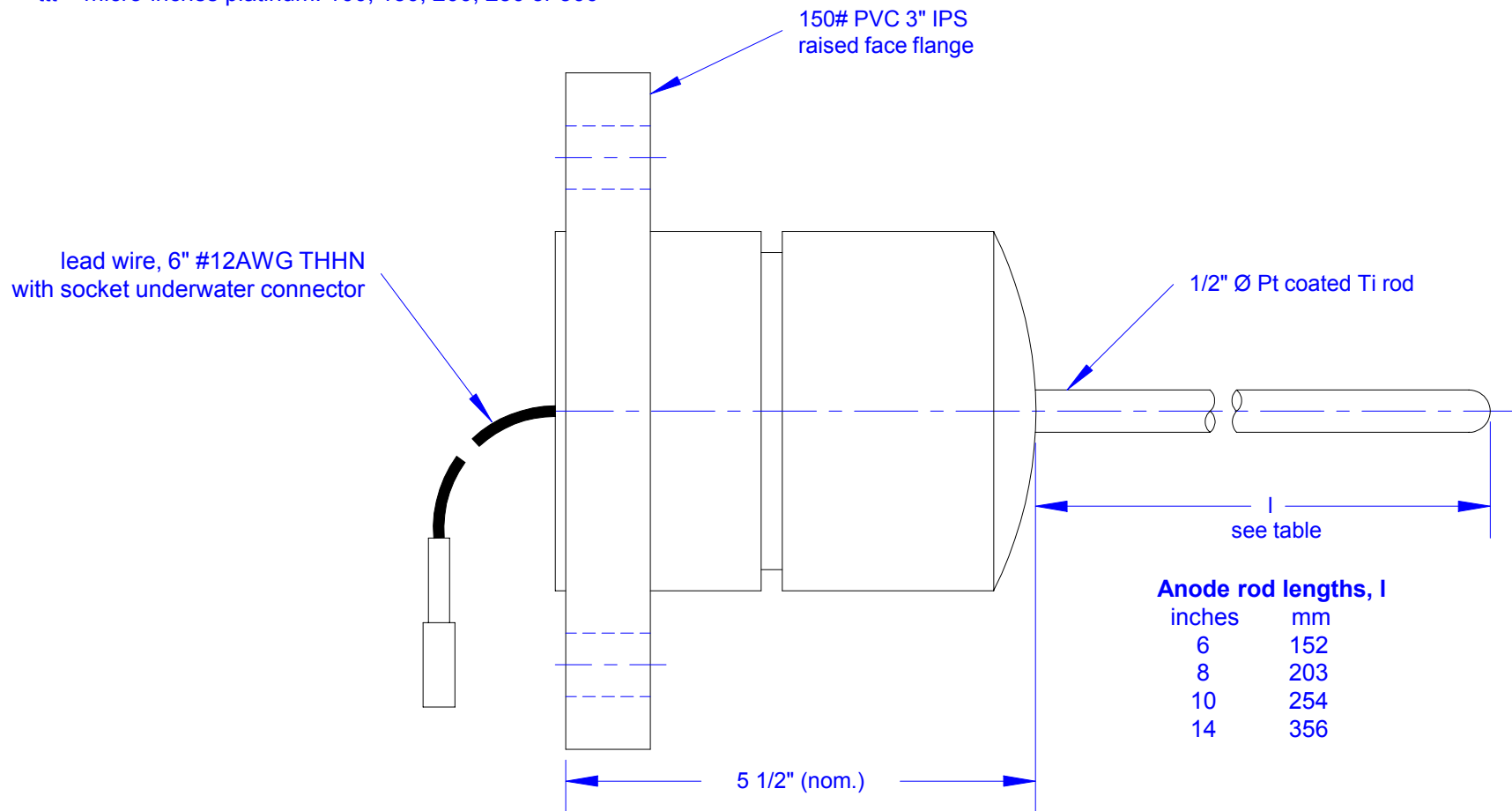
DATE 6/05/02

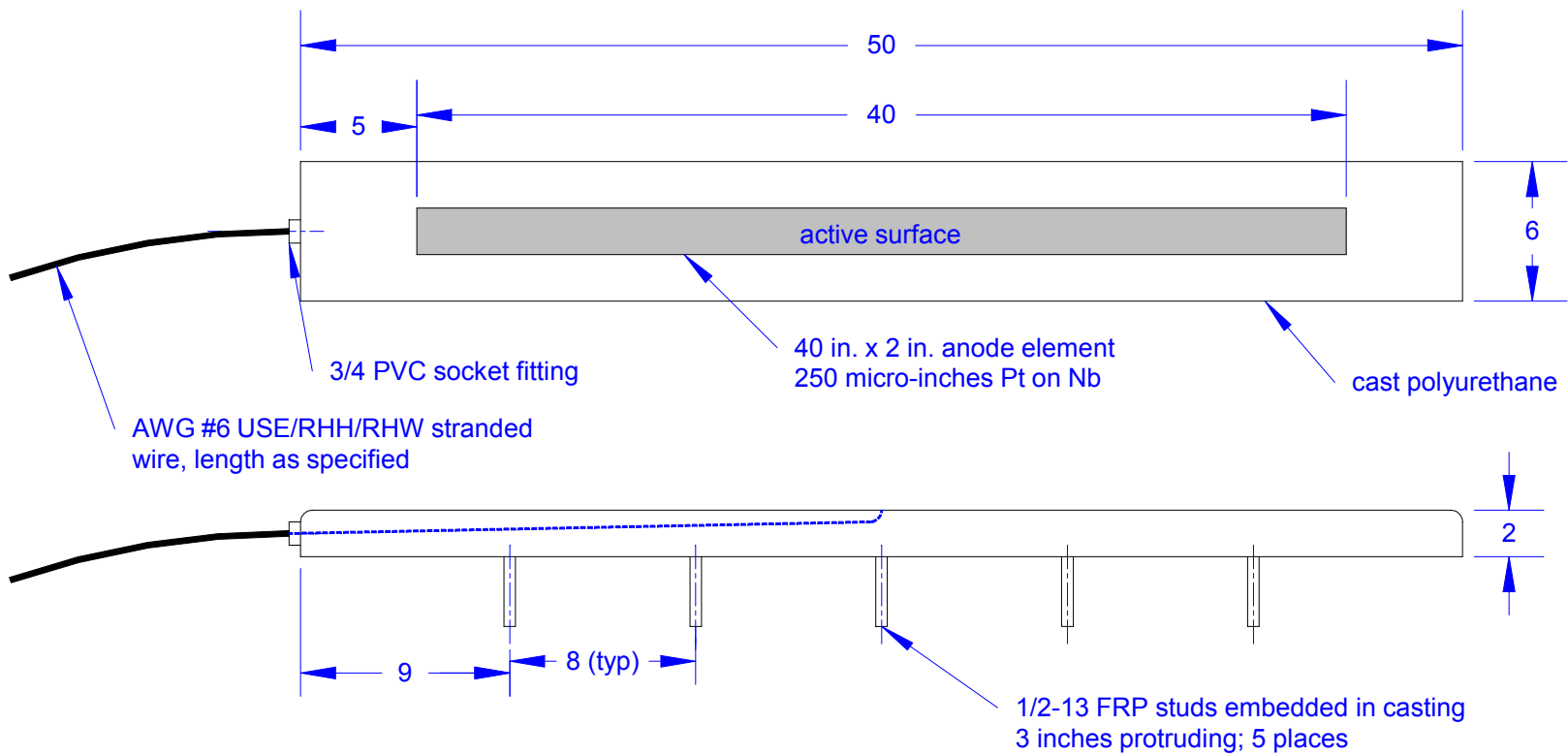
DRAWING NUMBER AX15ASY-1

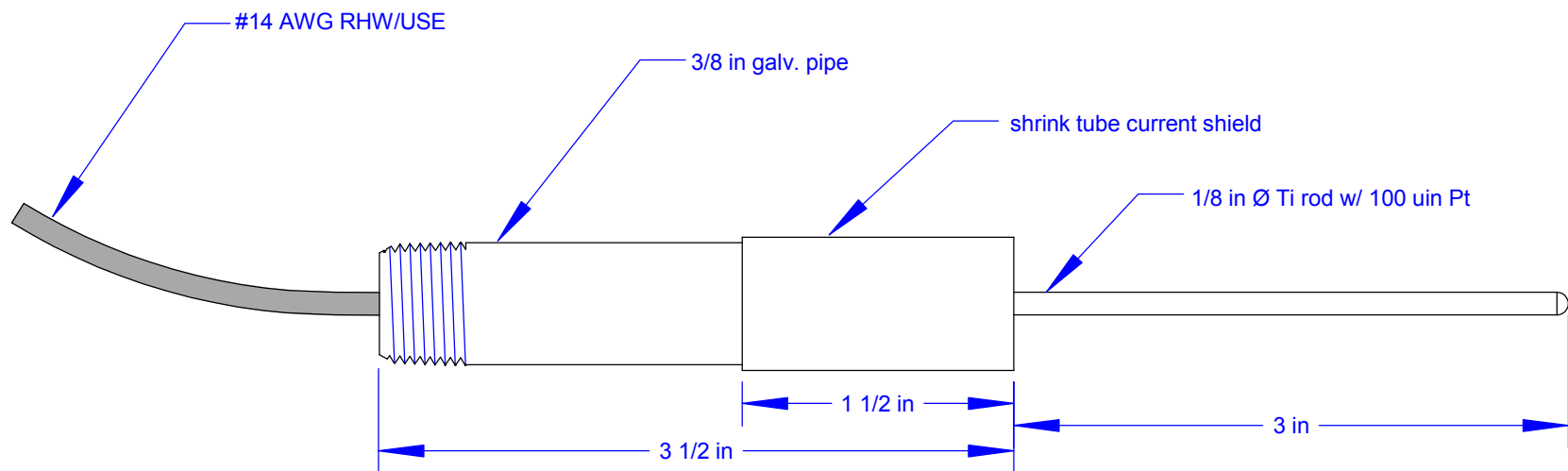
Specify as EDI Model AX15C-PT5-l.ttt

l = length in inches (see table)

ttt = micro-inches platinum: 100, 150, 200, 250 or 300







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## 1/8 inch probe anode

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SCALE FULL

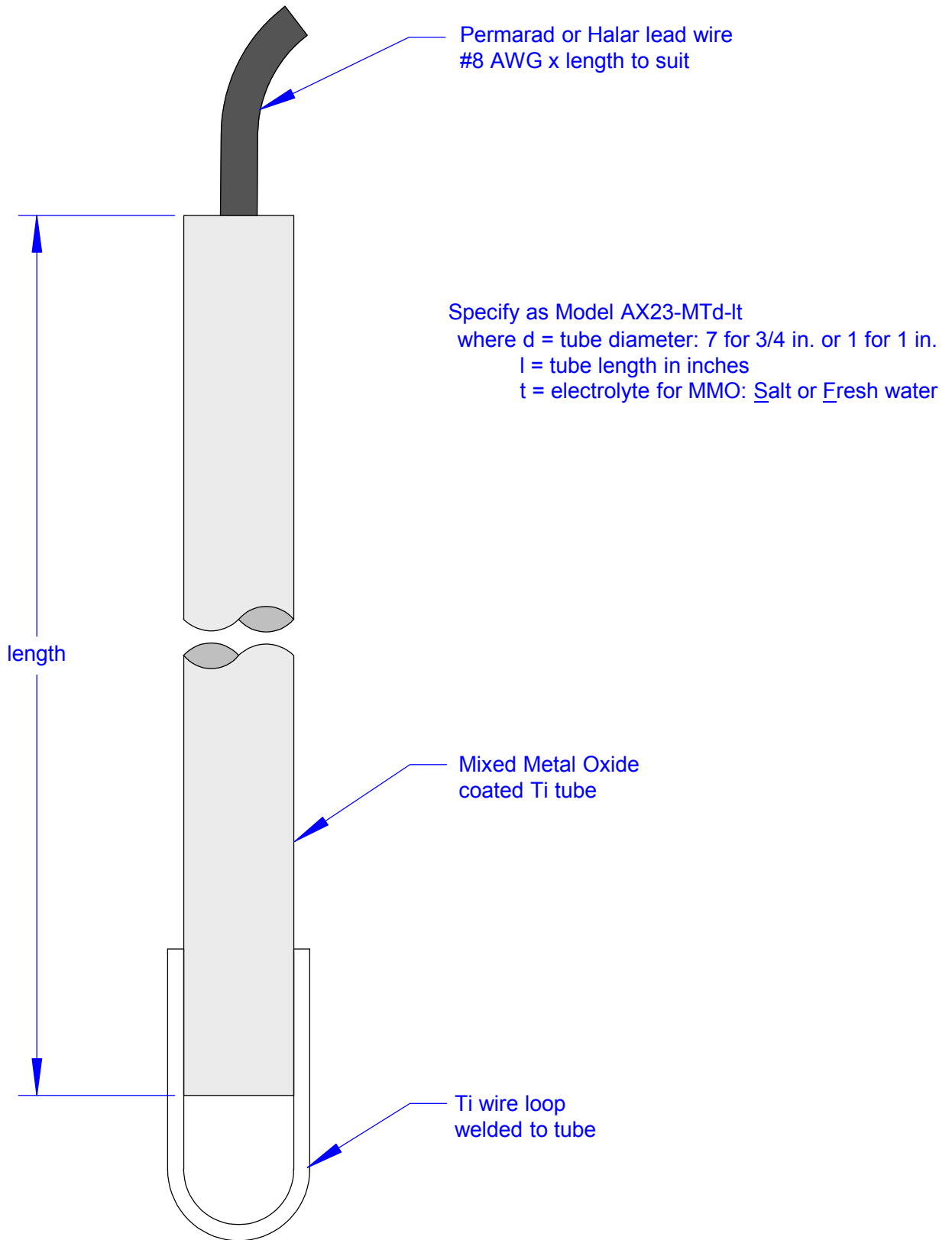
DRAWN  
BY

FJA

DATE 30 JUL 2009

DRAWING  
NUMBER

AX21ASY - 3



## Tubular Anode

SCALE NONE

DRAWN BY FJA

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DATE 24 JUL 2013  
DRAWING NUMBER AX23ASY - 2