XCEL ENERGY, A.S. KING GENERATING PLANT
BAYPORT, MINNESOTA, UNITED STATES

TO ASTM D-1784.
D TOLERANCES TO ASTM D-1785.

CHEDULE 80, GRAY.
M TO ASTM D-2467.
ORM TO ASTM D-2464.

TIONS TO BE VAN STONE
PVC RING, CLASS 150.
TO ASTM D-1784.
ANSI B16.5; ASTM D-4024.

NNECTIONS TO BE STAINLESS
E 40 PER ASTM A312.

SS STEEL, TYPE 304
12.

E STAINLESS STEEL TYPE
M A403.
9.
OSSIBLE.

IONS TO BE STAINLESS
B16.5.

ER ASME B31.1, NO COPED OR

E PASSIVATED TO ASTM A380.

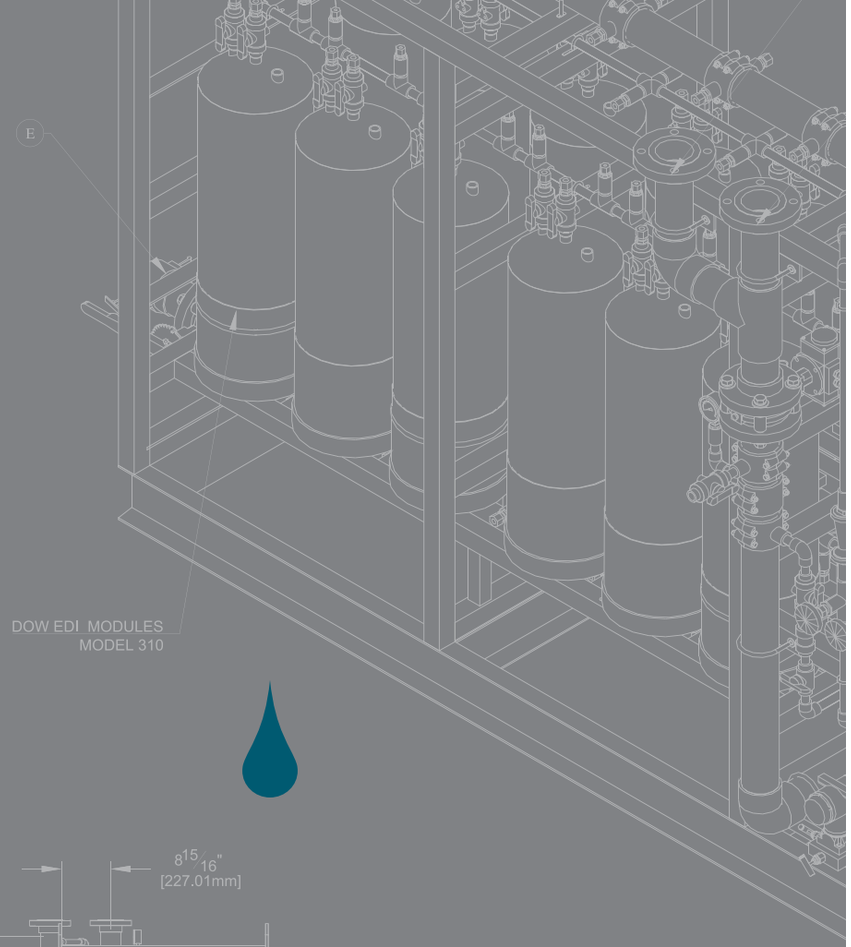
NLESS STEEL TYPE 304,
ERS ARE 18-8.
3.2.1.
PER
93.
ASS 2A.

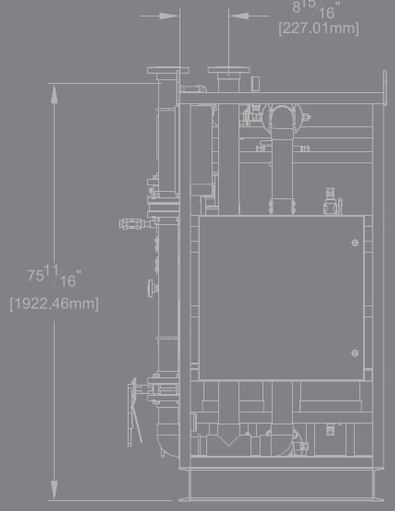
AWS D1.1.
D PER SSPC-SP6.

ATED 2-3 MIL THICK POLYESTER.
L BLUE T009-BL01.

UNLESS OTHERWISE

s.
lbs.





RIGHT VIEW

XCEL ENERGY, A.S. KING GENERATING PLANT

BAYPORT, MINNESOTA, UNITED STATES

- MARKET -

Energy – Power Plant

- APPLICATION -

Ultra-Pure Water

-WATER SOURCE -

Well Water

- TECHNOLOGIES -

Media Filters + 2 Pass RO
(Reverse Osmosis)
+ EDI (Electrodionisation)
+ Mixed Beds

- HIGHLIGHTS -

Flow rates:
Pass 1 RO: 2 x 1,281 m^3/d (235 gpm)
Pass 2 RO: 2 x 1,254 m^3/d (230 gpm)

Recovery rate: 75%

Limited space to construct and install the system.

Complete ultra-pure treatment scheme.

Final conductivity: 0.01 µS/cm.

Electrodionisation Polishing