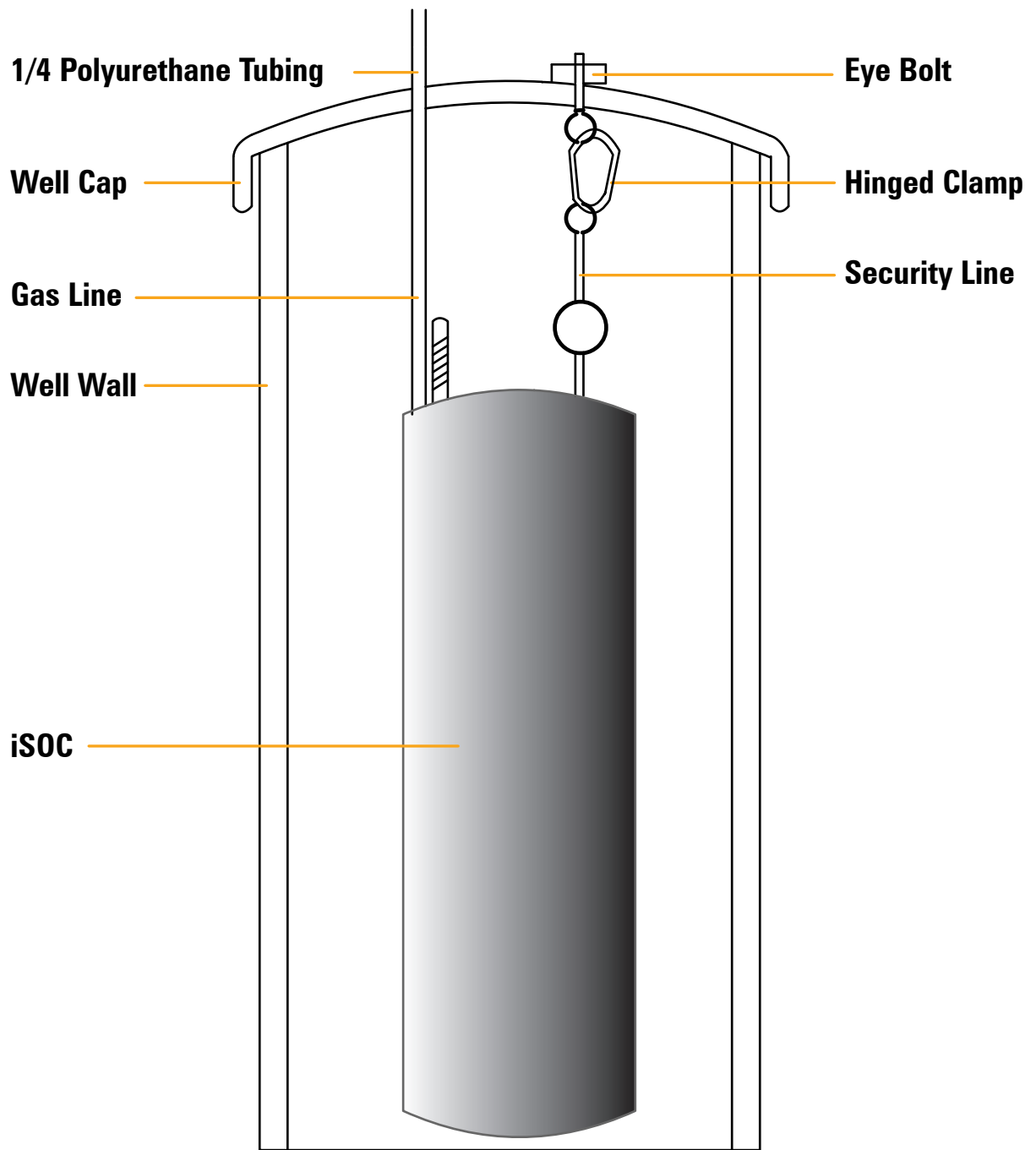


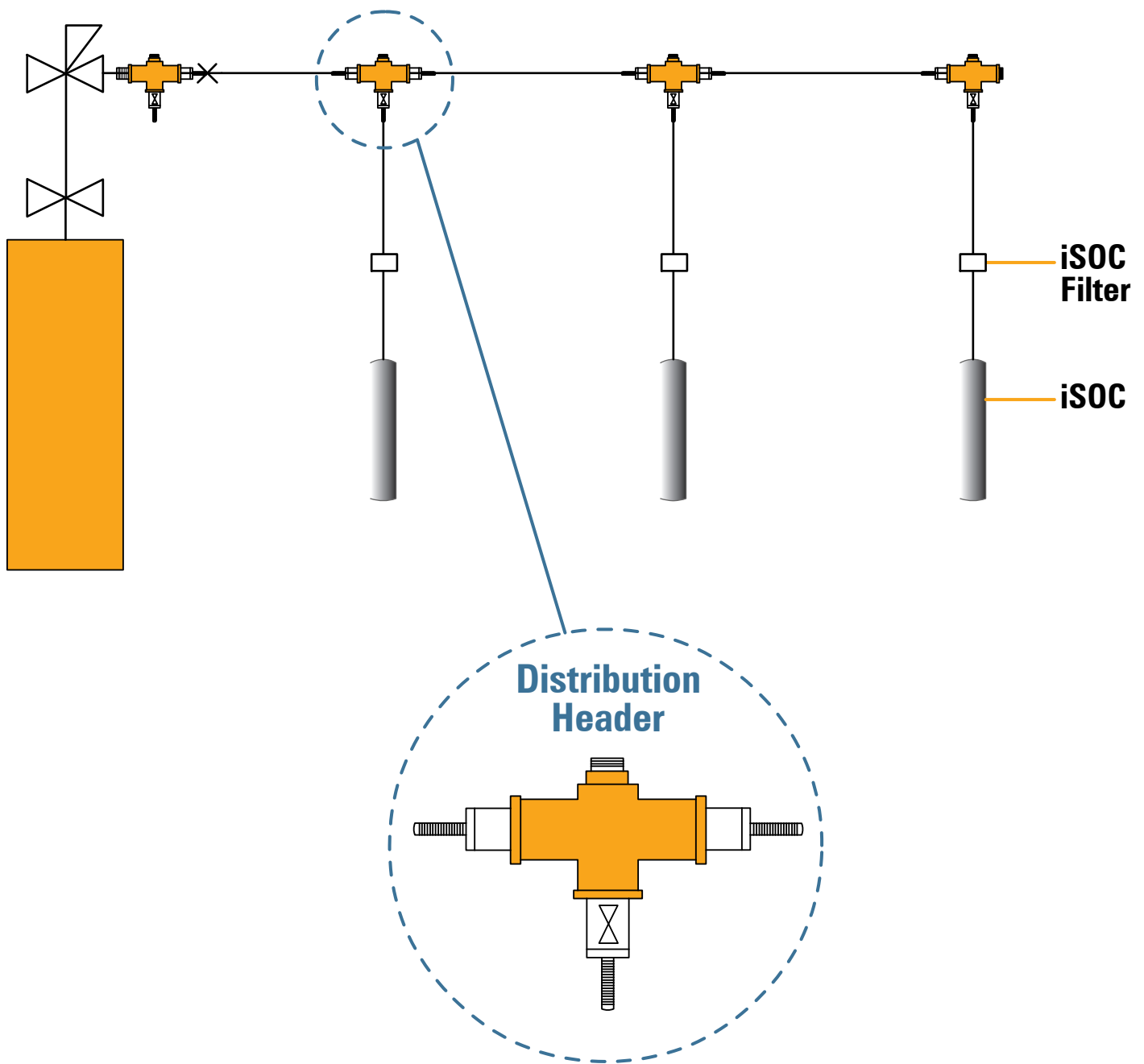
APPENDIX: A

X- Section of Underground iSOC® Vault Combined with Gas Tank



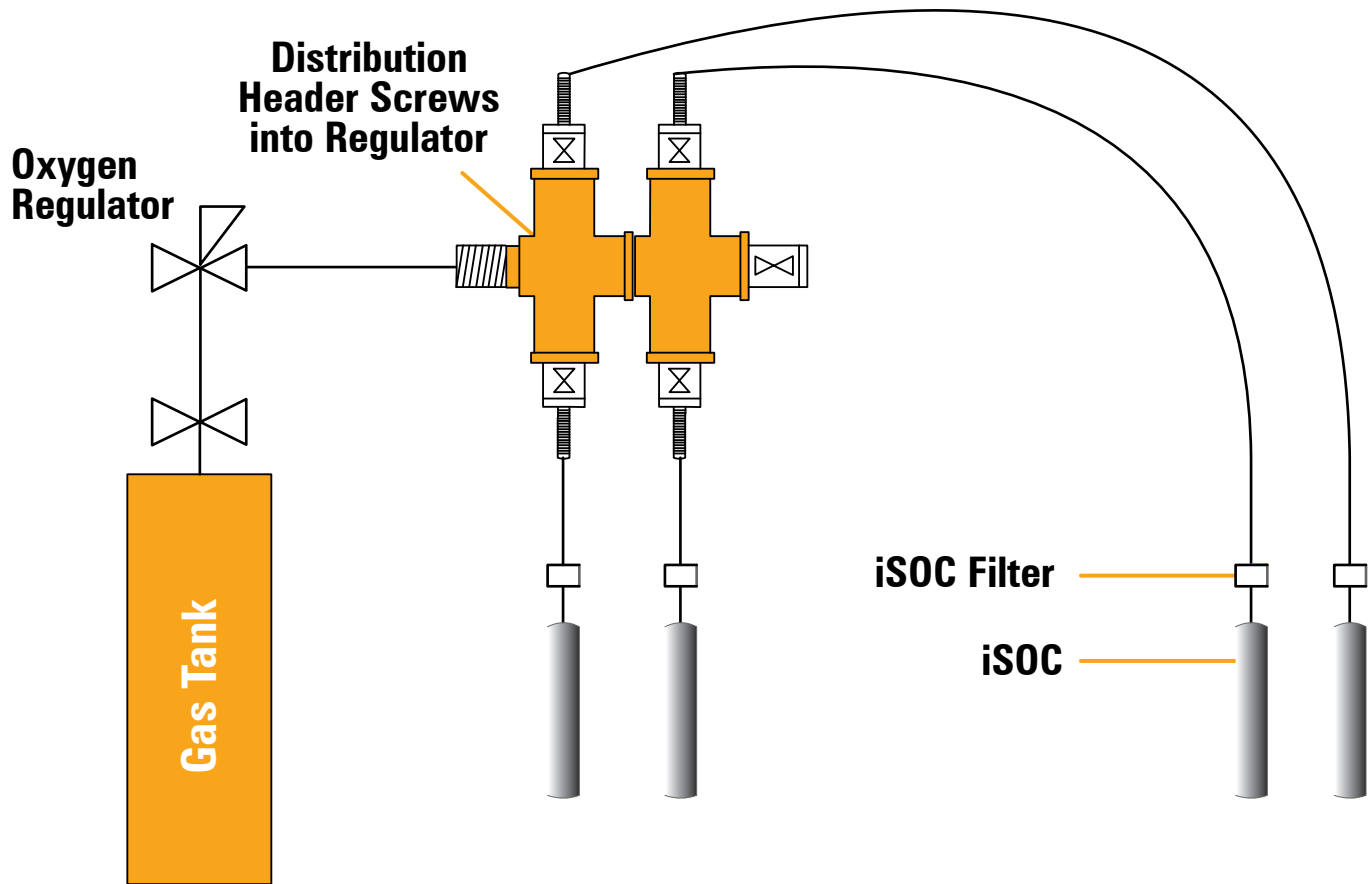
APPENDIX: B

Connection Detail for Security Line to Well Cap



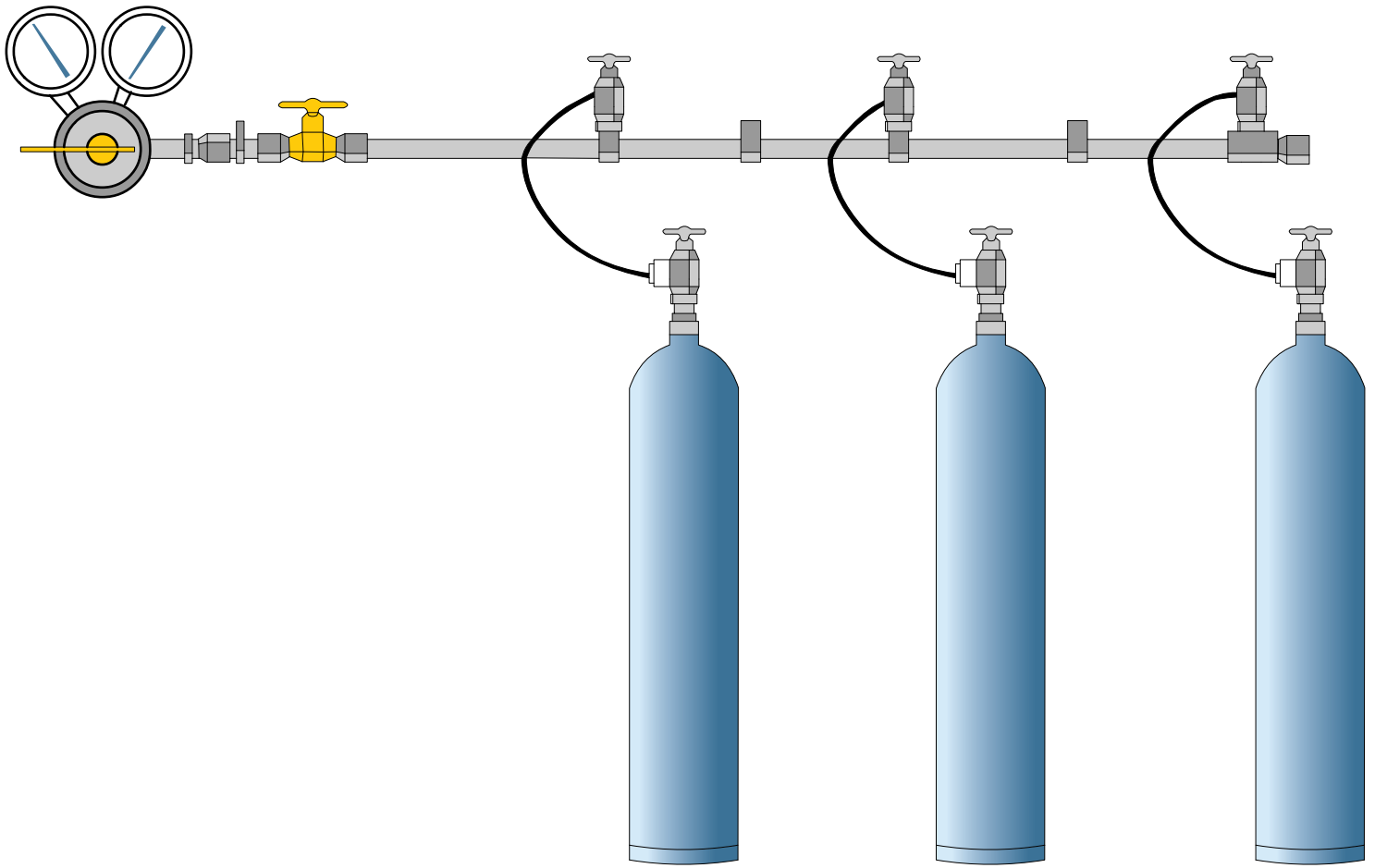
APPENDIX: C

Multiple iSOC[®]s Tee'd from 1/4" OD Single Polyurethane Tube



APPENDIX: D

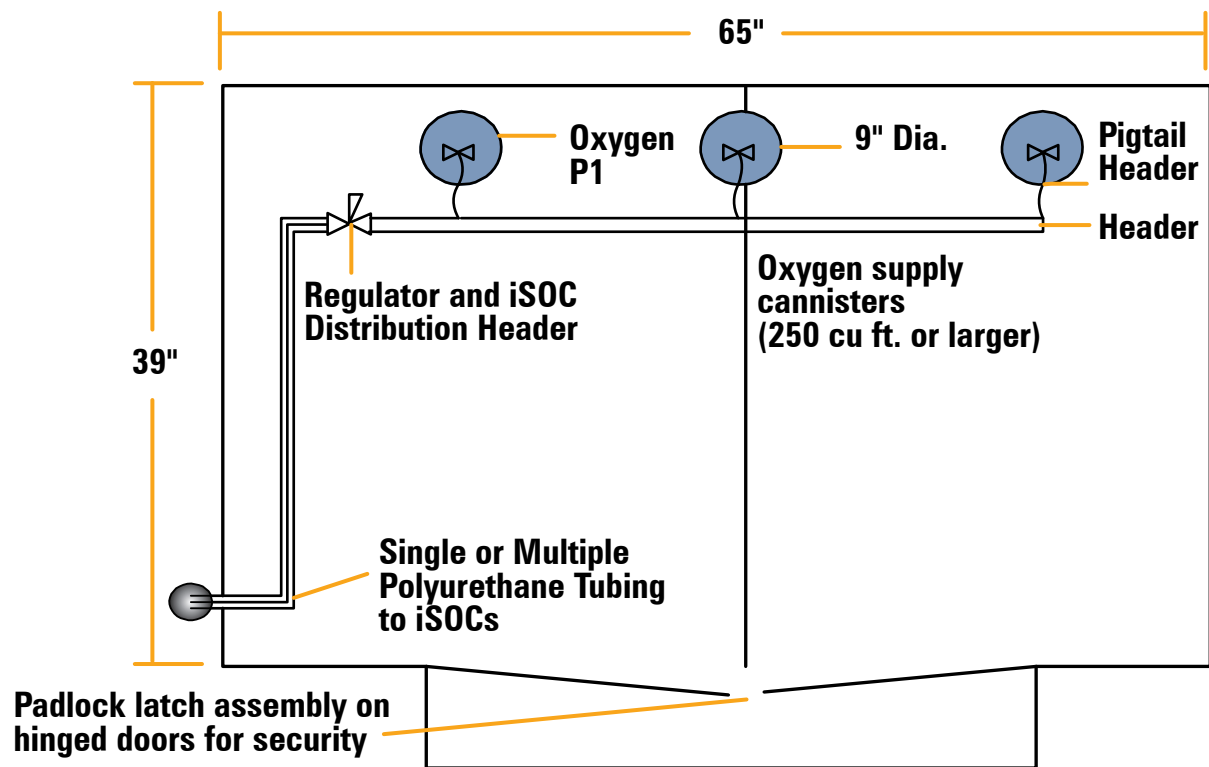
Multiple iSOC[®]s Individually Run from Oxygen Regulator and Distribution Header



Basic Simplex Model

APPENDIX: E

Detail of Gas Cylinders Ganged together using Basic Simplex Connector



OXYGEN CYLINDER STORAGE CABINET

Dimensions and specifications may vary with manufacturer.

Capacity: 10-20 Cylinders
Height: 70"
Width: 65"
Depth: 39"
Weight: 148 lbs

Construction: Aluminum 14 guage expanded metal sides, 11 guage solid top.

Security: Padlock Latch

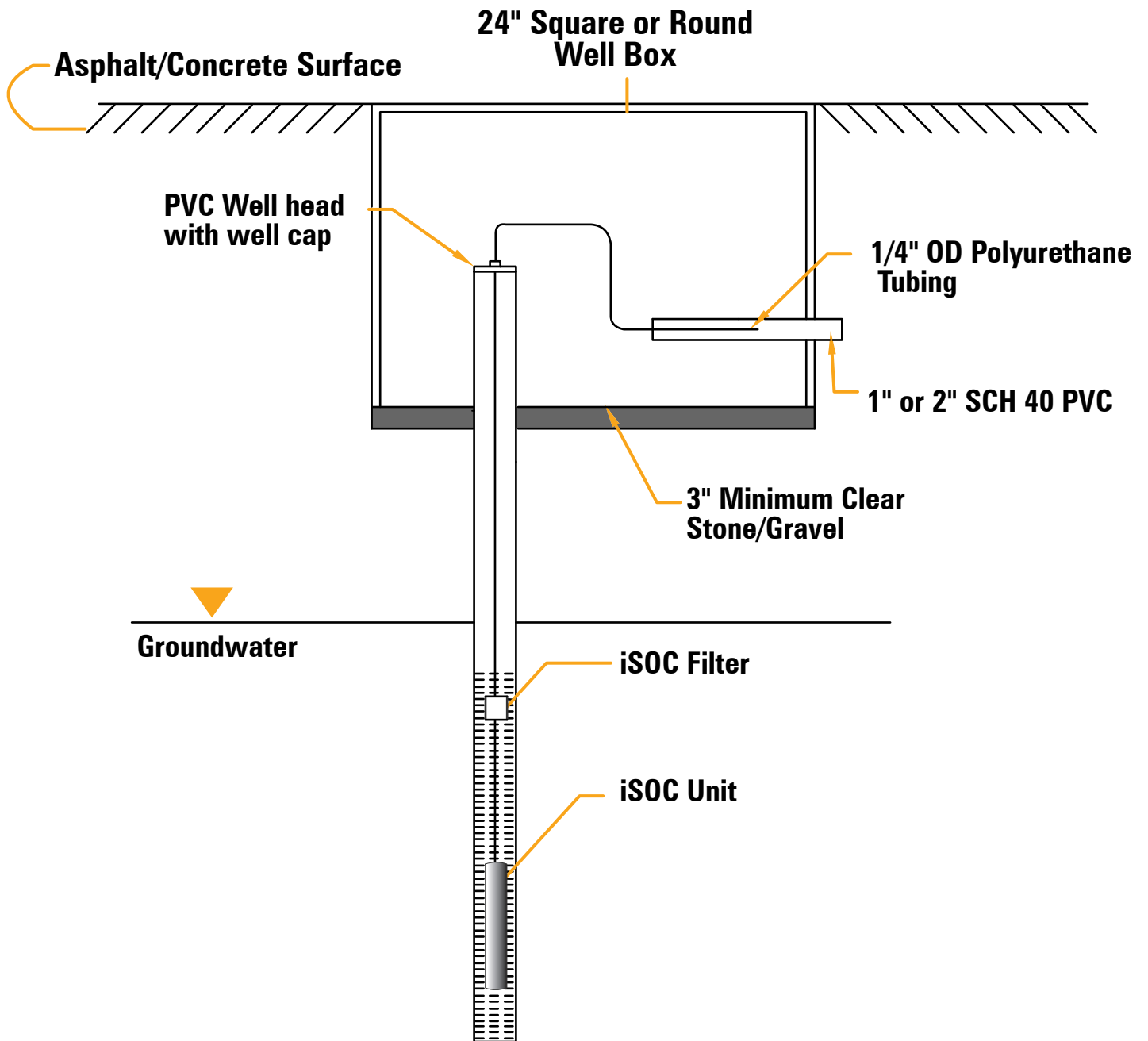
Confirms to: OSHA

Subpart 1910.110 and NFPA 58-79 standards

Natural Aluminum Finish

APPENDIX: F

iSOC[®] Security Storage Design & Typical Supply Connections

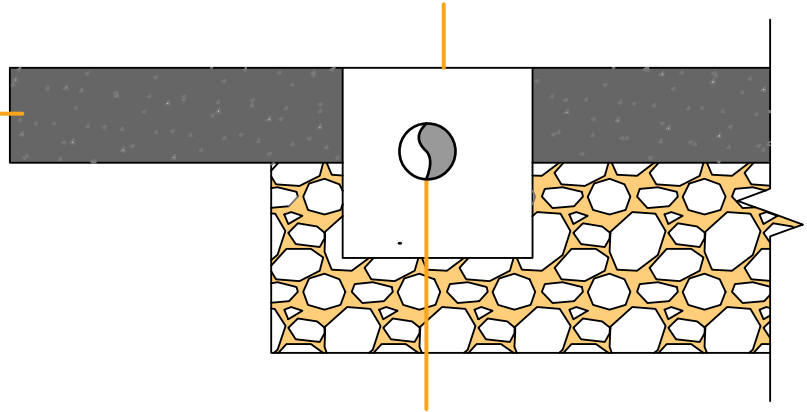


APPENDIX: G

iSOC[®] Design Well Details without Gas Tank

Surfacing: Asphalt or concrete typically 1 to 6" thick

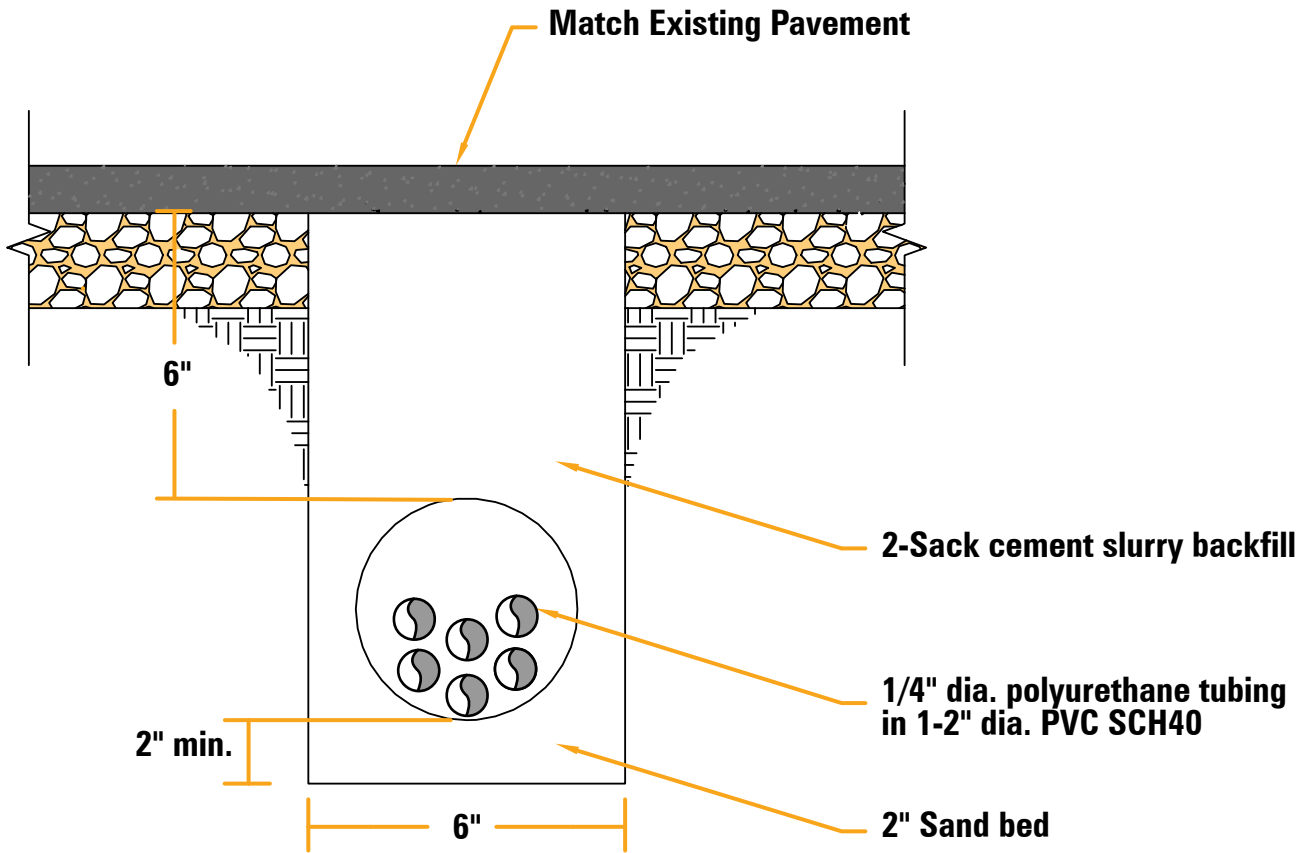
Concrete cut into surfacing to 1-2 inches, install 1/4" OD tubing, seal with concrete



Single 1/4" OD polyurethane tubing

APPENDIX: H

Concrete Cut Detail to Install 1/4" OD Polyurethane Tubing



APPENDIX: I

iSOC[®] System System Trench Detail

Polyurethane Tubing:

General:

Polyurethane tubing or equal tubing is cleaned and double packaged in a clean room. Tubing is completely oil free.

Sizing:

For Outside Diameter (OD) 0.25 inches specify SMC Pneumatics, Inc. part # TIUB07
For Outside Diameter (OD) 6 mm specify SMC Pneumatics, Inc. part # TU0604

No other outside diameter tubing may be used with the iSOC® filter. Tubing to be used should be specified at time of order. Default OD for US applications is 1/4". Default OD for European applications is 6 mm.

Maximum operating pressure: 115psi (7.8 bar) at (0.8MPa) at 68°F (20°C)

Burst pressure: minimum 210 psi (14.3 bar) at 140°F (60°C)

Operating Temperature: at -5°F to 140°F (-20°C to +60°)

Outside Diameter: 0.25 inches (6 mm)

Inside Diameter: 0.167 inches (4 mm)

Minimum bending radius: 0.91 inches (23 mm)

APPENDIX: J

1/4" OD Polyurethane Tubing Specification