



OXYGEN TANK SLAB PLAN

1/8" = 1'-0"

1. DO NOT SCALE THIS DRAWING.
2. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
3. THE CONTRACTOR SHALL COORDINATE ALL DIMENSIONS, ELEVATIONS, LAYOUTS, AND EQUIPMENT LOCATIONS WITH TANK SUPPLIER PRIOR TO CONSTRUCTION.
4. THE SLAB SHALL BE POURED LEVEL WITH A LIGHT BROOM FINISH. DRAINAGE, IF REQUIRED, SHALL BE COORDINATED BY THE CONTRACTOR.

5. THE DESIGN OF THE SUPPORT PAD HAS BEEN BASED ON THE FOLLOWING TANK SIZES AND FILLED WEIGHTS, ACTUAL SIZES AND WEIGHTS SHALL BE VERIFIED WITH THE TANK SUPPLIER AND SHALL NOT EXCEED THE FILLED WEIGHTS LISTED BELOW:
 RESERVE 500 GALLON TANK =
 5'-6"ø x 8'-6" HIGH; 11,000 LBS
 MAIN 3,000 GALLON TANK =
 8'-0"ø x 16'-0" HIGH; 45,000 LBS.

6. **DESIGN CRITERIA:**
 ALLOWABLE BEARING PRESSURE = 4,000 PSF
 ALLOWABLE SUBGRADE MODULUS = 150 PCI (ASSUMED)
 CONCRETE 28-DAY COMPRESSIVE STRENGTH = 4,500 PSI
 CONCRETE REINFORCEMENT = ATSM A615, GRADE 60
7. LAP SPLICES FOR REINFORCING BARS SHALL BE 30" MINIMUM.
8. SEE S001 FOR ADDITIONAL FOUNDATION AND CONCRETE INFORMATION NOT REPEATED HERE.

A SECTION
3/4" = 1'-0"



48 Constitution Drive
 Bedford, NH 03110
 Phone (603) 472-4488
 Fax (603) 472-9747
 www.tfmoran.com

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**Sterile Processing +
 Distribution Center**

215 North Main Street
 White River Junction, VT

OXYGEN TANK SLAB

REFERENCE DWG	TFM JOB No.	82482.01
DATE	SCALE	DR. BY
06/18/14	AS NOTED	JAD

SKS-03