

NOT TO SCALE

VIRGINI NUTHORIT CE 30 z **<** EN 601

TRENT EVANS COX Lic. No. 0402050623 30,2/24/15 2000 ENGINE

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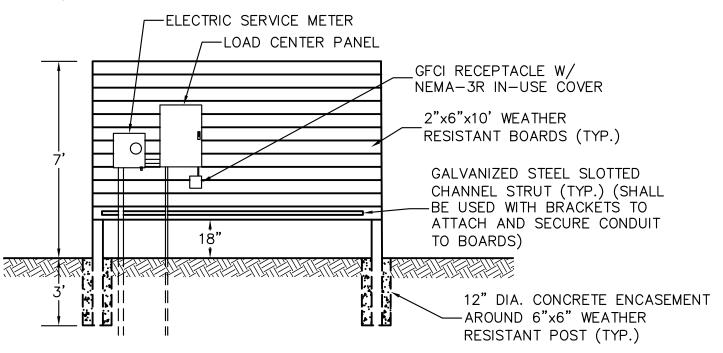
TEC

Sheet T1 of T2

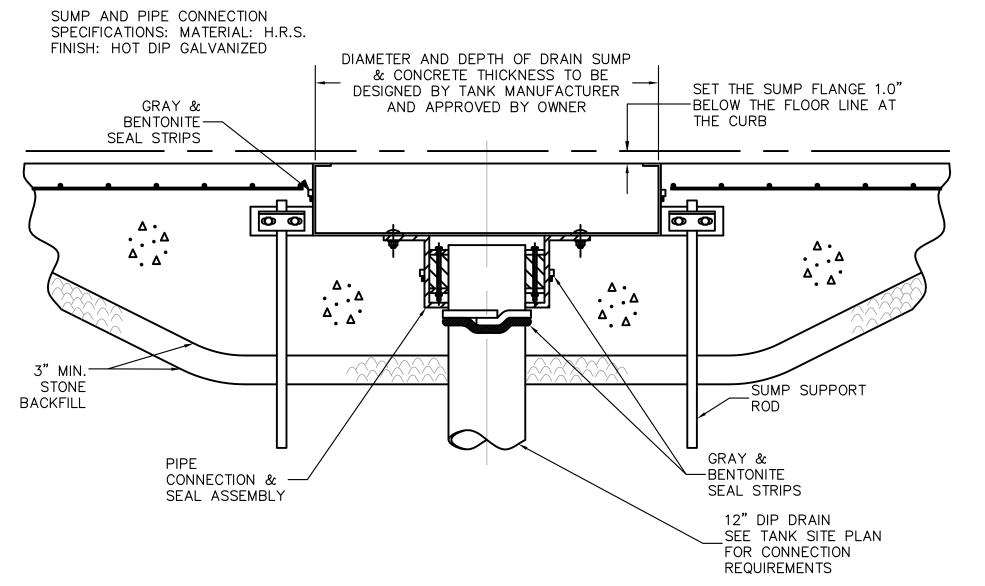
11-12-14

### **SPRAY NOZZLE DETAIL**

- CONTRACTOR SHALL INSTALL ALL ELECTRICAL ITEMS IN ACCORDANCE WITH THE MOST RECENT EDITION OF THE NATIONAL ELECTRIC CODE (NEC).
- CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ELECTRICAL POWER AT SITE INCLUDING INSTALLATION OF THE ELECTRICAL SERVICE METER AND LOAD CENTER PANEL. CONTRACTOR SHALL ALSO INSTALL ALL WIRING ASSOCIATED WITH THE EXHAUST FAN ON THE TANK ROOF, ALONG WITH THE GFCI RECEPTACLE ON THE PANEL BOARD.
  LOAD CENTER PANEL SHALL BE A SQUARE D, NEMA-3R, 200-AMP MODEL #Q012040M200RB.
  EXHAUST FAN SHALL INCLUDE A MAINTENANCE DISCONNECT SWITCH AT THE FAN LOCATION. THE CIRCUIT BREAKER IN
- THE LOAD CENTER PANEL SHALL BE A SINGLE POLE 15-AMP WITH 14AWG COPPER WIRE IN A 1" R.M.C. FROM THE
- PANEL TO THE EXHAUST FAN. 5. GFCI RECEPTACLE WITH NEMA-3R IN-USE COVER SHALL BE INSTALLED ON THE PANEL BOARD BELOW THE LOAD CENTER PANEL. THE CIRCUIT BREAKER IN THE LOAD CENTER PANEL SHALL BE A SINGLE POLE 20-AMP WITH 12AWG
- COPPER WIRE IN A  $\frac{1}{2}$ " R.MC. 6. WESTERN VIRGINIA WATER AUTHORITY (WVWA) WILL INSTALL ELECTRICAL ITEMS ASSOCIATED WITH THE RECIRCULATION PUMP, SOLENOID VALVE, AND SCADA ITEMS.



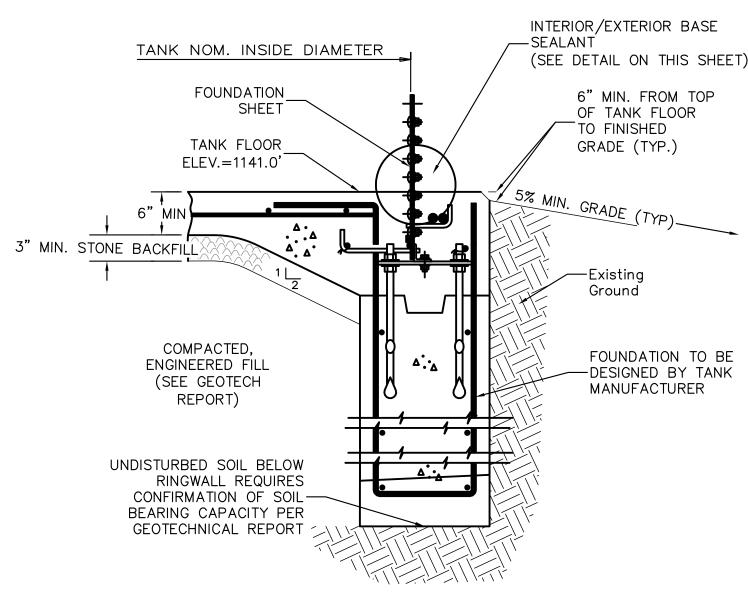
#### PANEL BOARD DETAIL



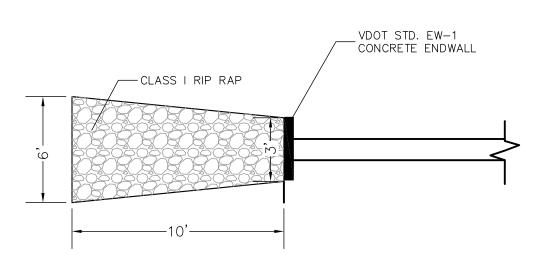
#### **BOLTED STEEL TANK DRAIN DETAIL**

#### ALL DETAILS SHOWN ON THIS SHEET ARE FOR SCHEMATIC REFERENCE ONLY.

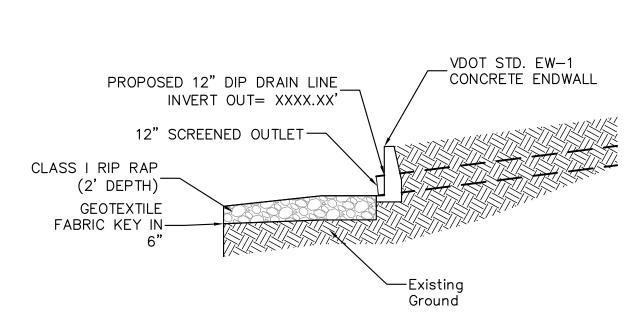
- 2. DIMENSIONS AND REFERENCES SHOWN SHALL BE CONSIDERED THE MINIMUM ACCEPTABLE
- 3. TANK, APPURTENANCES, AND FOOTING TO BE DESIGNED BY MANUFACTURER IN ACCORDANCE WITH APPLICABLE AWWA STANDARDS, AND WESTERN VIRGINIA WATER AUTHORITY DRAWINGS AND
- 4. DRAWINGS AND DETAILS ON THIS SHEET ARE NOT TO SCALE.



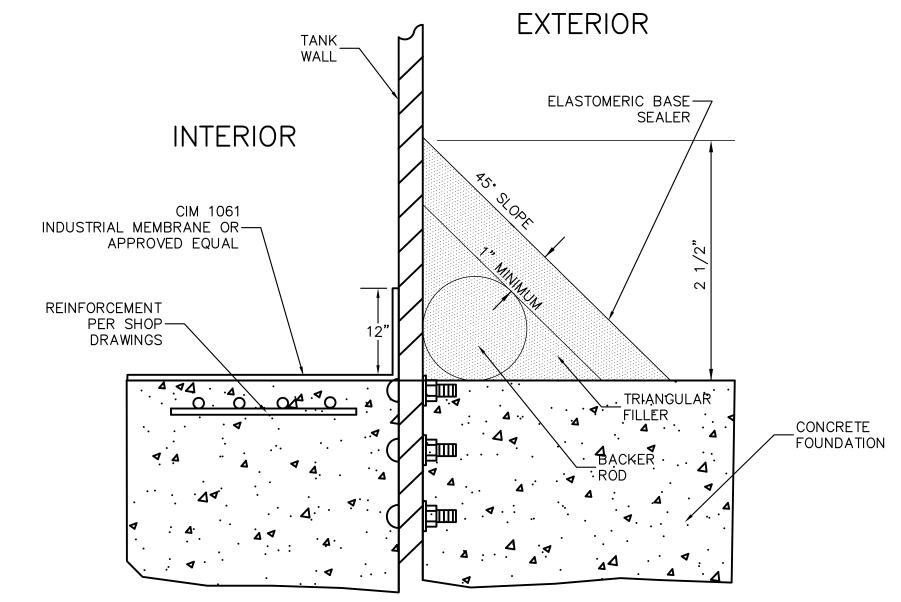
# **BOLTED STEEL FOUNDATION DETAIL**



#### TANK DRAIN OUTLET RIP RAP DETAIL

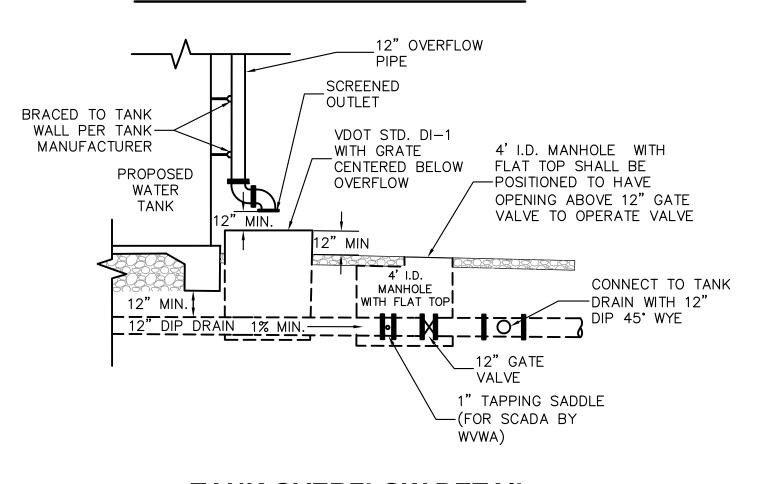


TANK DRAIN OUTLET DETAIL

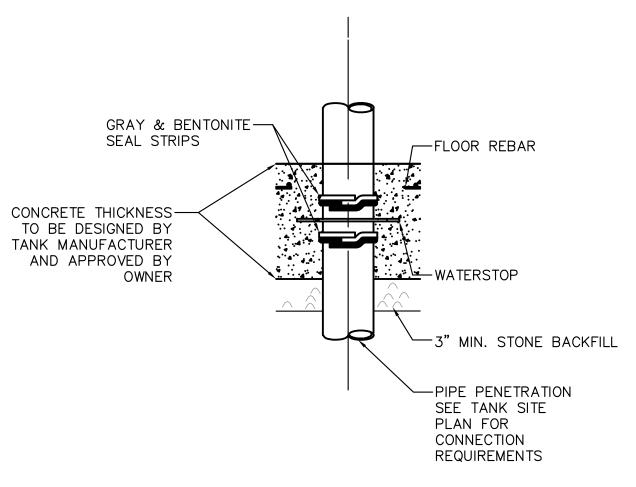


125 MILS OF CIM 1061 COMMERCIAL INDUSTRIAL MEMBRANE OR APPROVED EQUAL, APPLIED IN ACCORDANCE WITH MANUFACTURER'S PRODUCT DATA SHEET, ON THE FLOOR, AND VERTICAL SHELL PLATES TO TWELVE INCHES ABOVE THE FLOOR. CIM BONDING AGENT SHALL BE APPLIED ON GLASS SURFACES PRIOR TO APPLICATION OF CIM 1061 COMMERCIAL INDUSTRIAL MEMBRANE OR APPROVED EQUAL.

# **INTERIOR / EXTERIOR BASE SEALANT FOR BOLTED STEEL FOUNDATION**

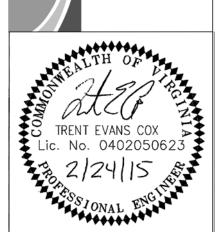


# TANK OVERFLOW DETAIL



# **BOLTED STEEL INLET / OUTLET DETAIL**

AUTHORITY



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Sheet T2 of T2

TEC

11-12-14

Drawn:

Approved:

Date:

Project:

Checked: RWB