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SAM'S MART 4965 UNIVERSITY PARKWAY WINSTON-SALEM, NC 27106

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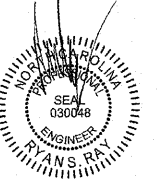
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PROTO CYCLE MAY-2017



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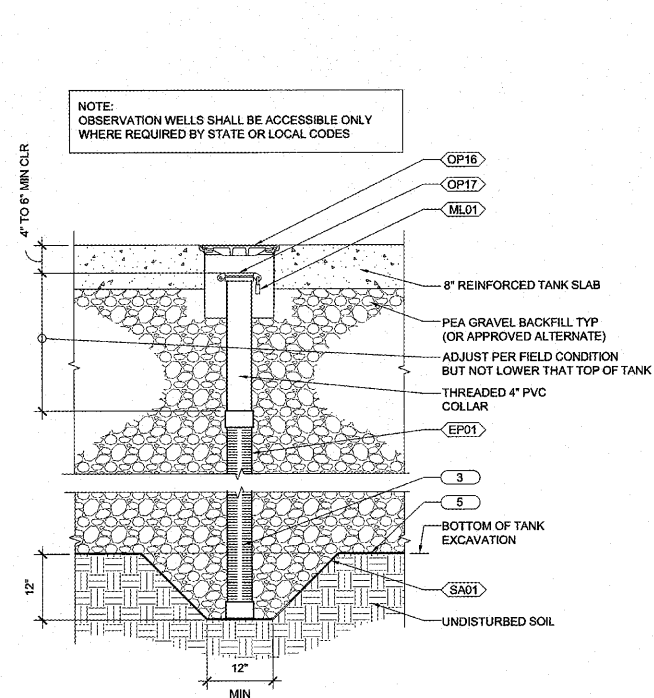
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TANK SECTIONS AND DETAILS

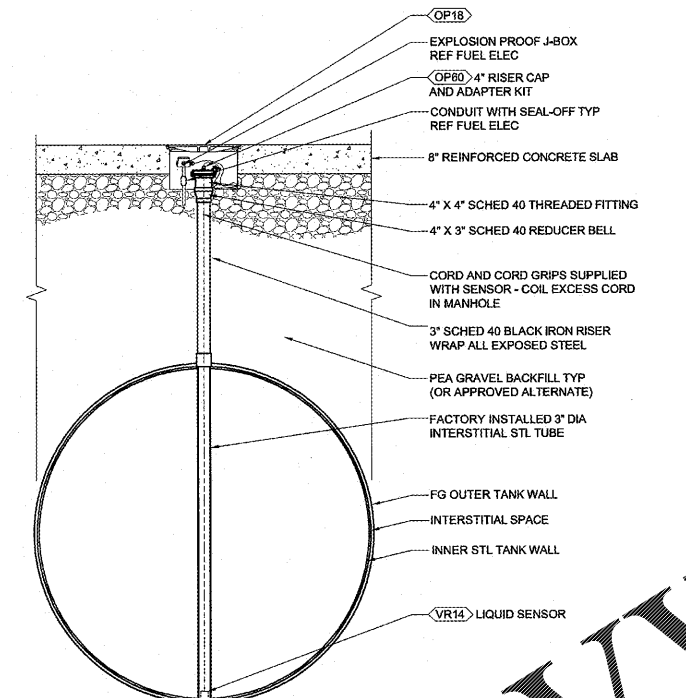
SHEET: FS5

# FS5 KEYNOTES

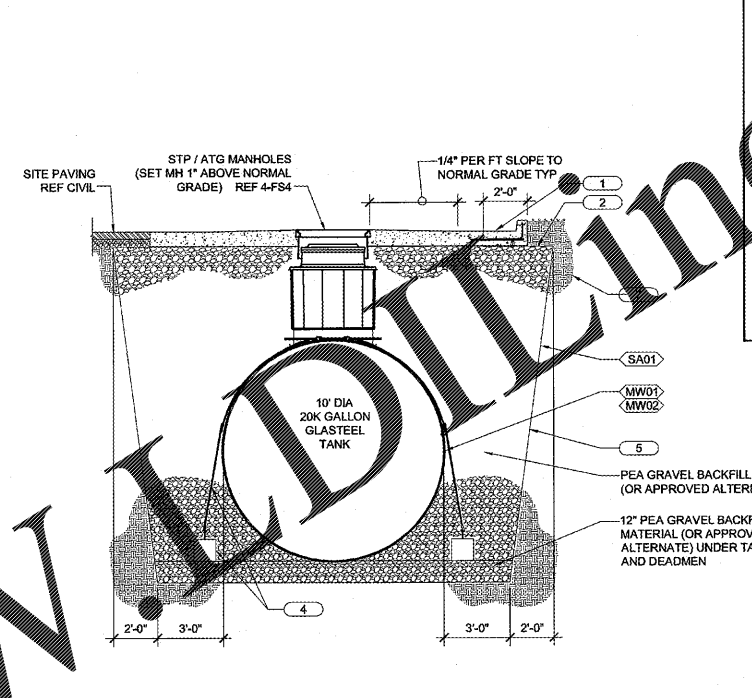
- 1 REINFORCED CONCRETE SLAB, REF 1-FS4 AND CIVIL DRAWINGS FOR T.O.S. ELEVATIONS. ALL LARGE MANHOLES IN THE TANK SLAB AREA SHALL BE SET 1" ABOVE THE NORMAL GRADE. MONITOR WELL MANHOLES SHALL BE SET 1/2" ABOVE THE NORMAL GRADE. SLOPE CONCRETE TO MANHOLES 1/4" PER FT. CROWN CONCRETE AS TO NOT INHIBIT WATER DRAINAGE OFF THE TANK SLAB (NO POOLING). TANK SLAB REINFORCING SHALL BE #3 REBAR AT 12" O.C. MAX EACH WAY WITH "L" BARS (18" LAP) AT INTEGRAL CURB.
2 GEOTECH FABRIC MATERIAL TO EXTEND TO TANK HOLE EXCAVATION AND WRAP BACK 24" MINIMUM UNDER THE BOTTOM OF THE TANK SLAB. METHOD OF PINNING FABRIC AT TANK HOLE EXCAVATION TO BE APPROVED BY OWNER.
3 4" DIAMETER SCHEDULE 40 PVC TANK WELL SCREEN, MUST BE FACTORY SLOTTED, NO FIELD SLOTTING.
4 HOLD-DOWN STRAP AND HOLD-DOWN SYSTEM AND REINFORCED CONCRETE DEADMEN PROVIDED BY AND INSTALLED BY GC.
5 FOR SLOPE, FOLLOW CURRENT OSHA REGULATIONS. IF SHEET PILES ARE UTILIZED, PROVIDE 42" MINIMUM CLEARANCE BETWEEN NEW TANKS AND SHORING.
6 BURIAL DEPTH GREATER THAN 5'-8" REQUIRES OWNER AND MANUFACTURER'S APPROVAL.
7 UNDISTURBED SOIL OR COMPACTED BACK FILL NOT LESS THAN 95% OF MODIFIED PROCTOR DENSITY (AASHTO-T-180).



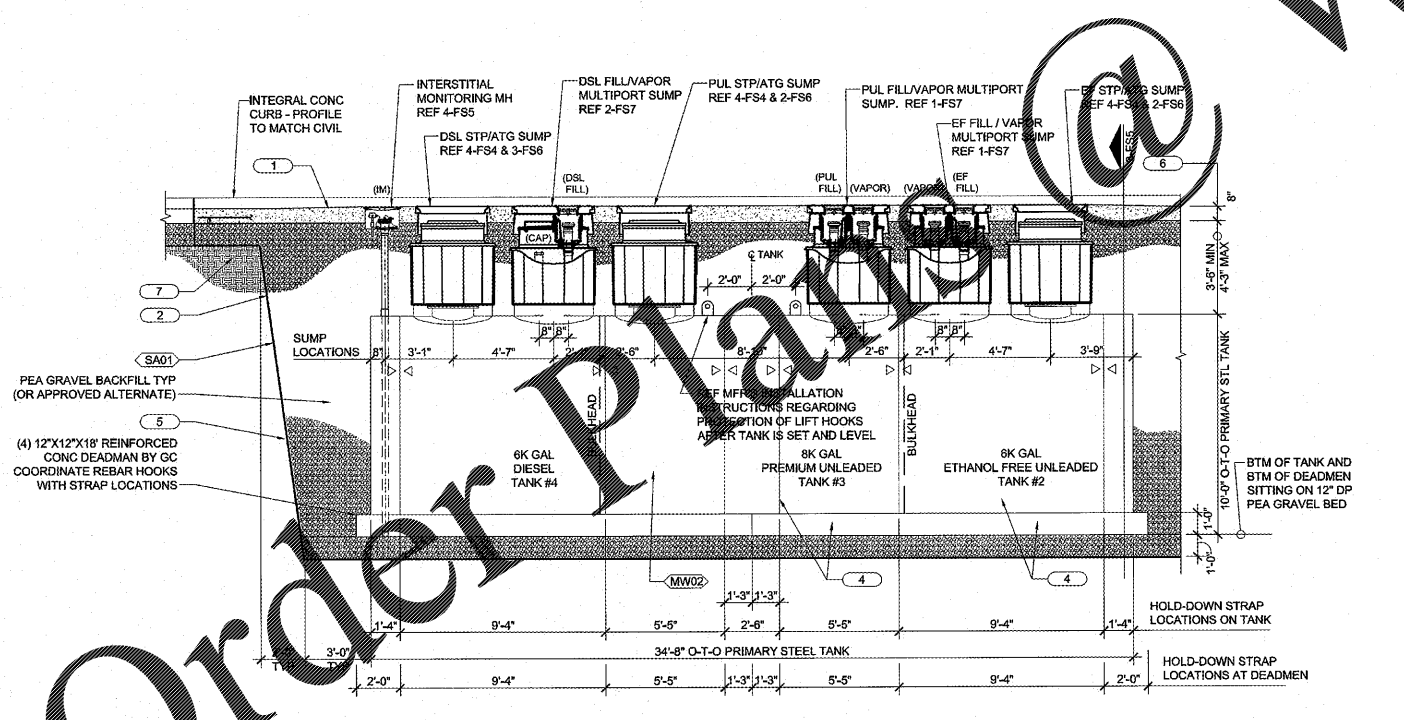
5 ACTIVE OBSERVATION WELL DETAIL 3/4" = 1'-0"



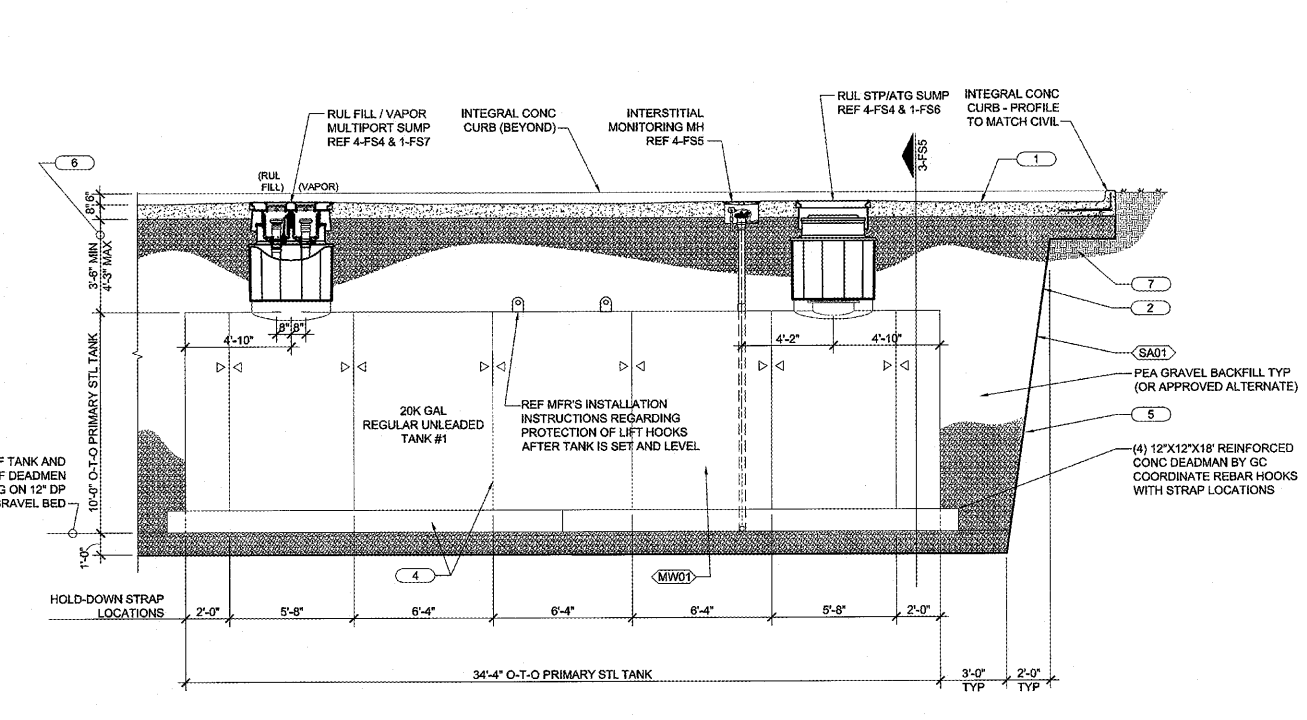
4 DRY ANNULAR SPACE RISER AND SENSOR DETAIL 1/2" = 1'-0"



3 10' DIA UNDERGROUND STORAGE TANK SECTION 1/4" = 1'-0"



2 10' DIA 20,000 GALLON 3-COMPARTMENT TANK SECTION 1/4" = 1'-0"



1 10' DIA 20,000 GALLON TANK SECTION 1/4" = 1'-0"

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Order Plans