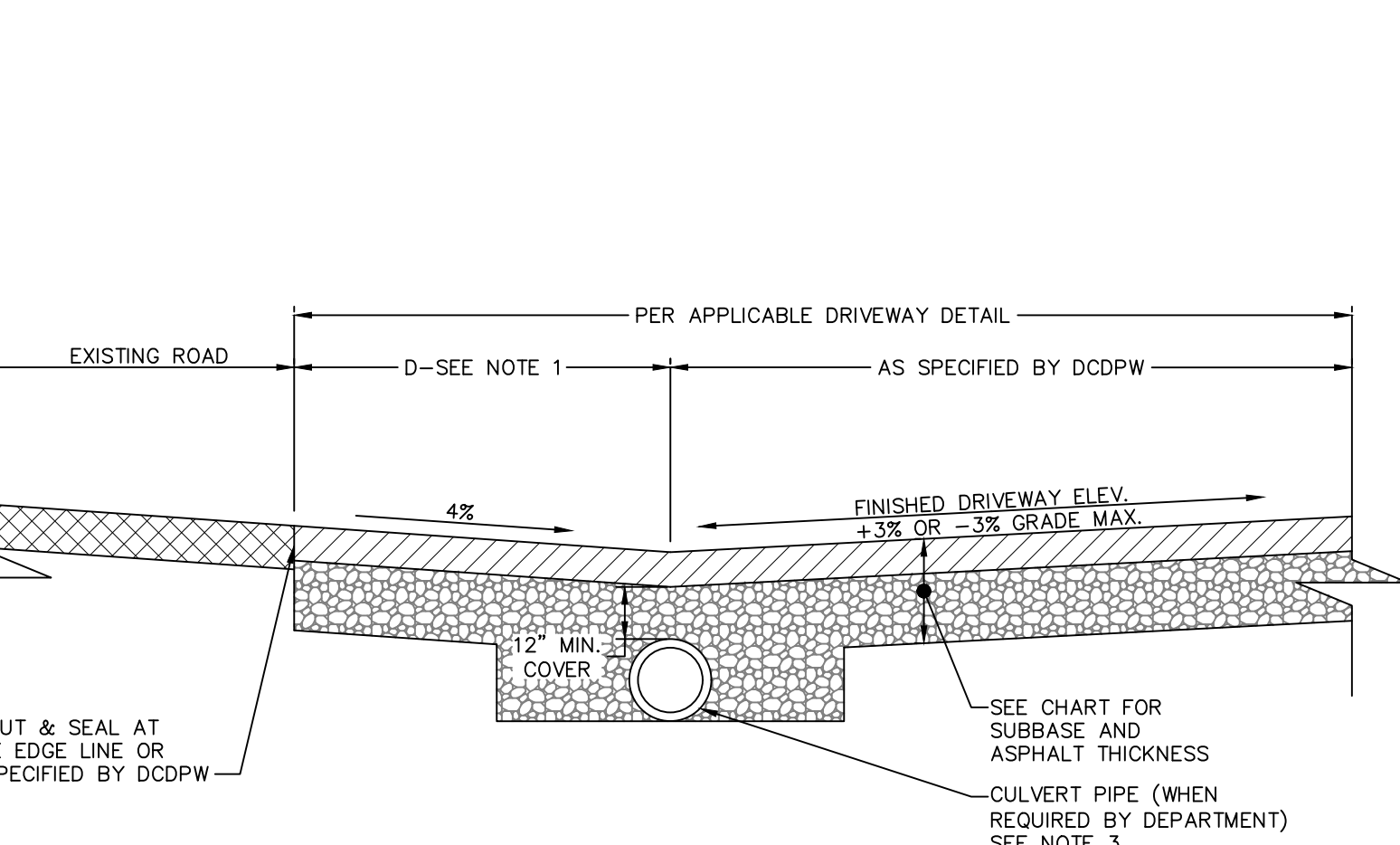


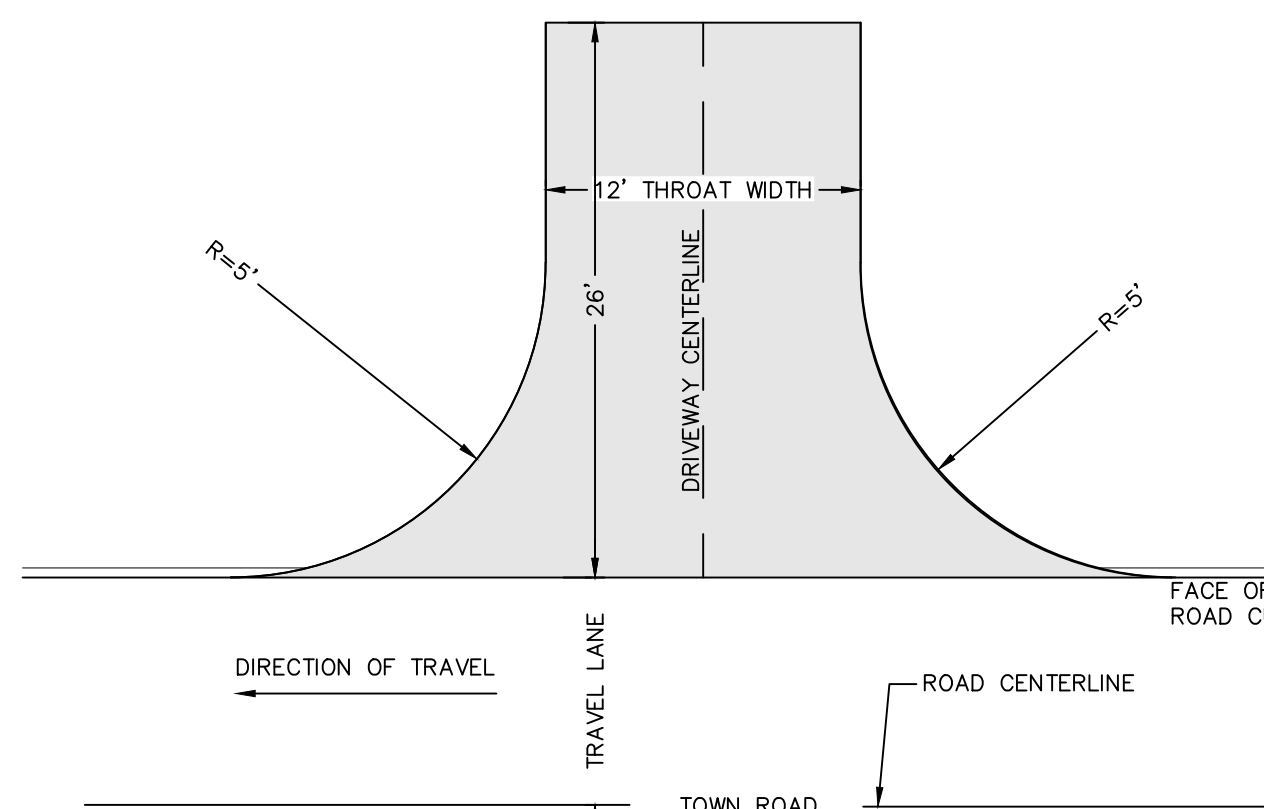
- NOTES:**
1. DRIVEWAY CULVERT AS REQUIRED BY DCDPW. MIN. DIAMETER IS 12", END SECTIONS ARE REQUIRED.
 2. 15' RADIUS SHALL TERMINATE AT EDGE OF SHOULDER OR WHITE LINE AS DIRECTED BY DCDPW.
 3. CUT/FILL SLOPES SHALL BE CONSTRUCTED NO STEEPER THAN 2 HORIZONTAL TO 1 VERTICAL (2:1). DCDPW SHALL EVALUATE CUT/FILL SLOPES FOR ACCEPTABILITY.

DCDPW RESIDENTIAL DRIVEWAY DETAIL
NOT TO SCALE



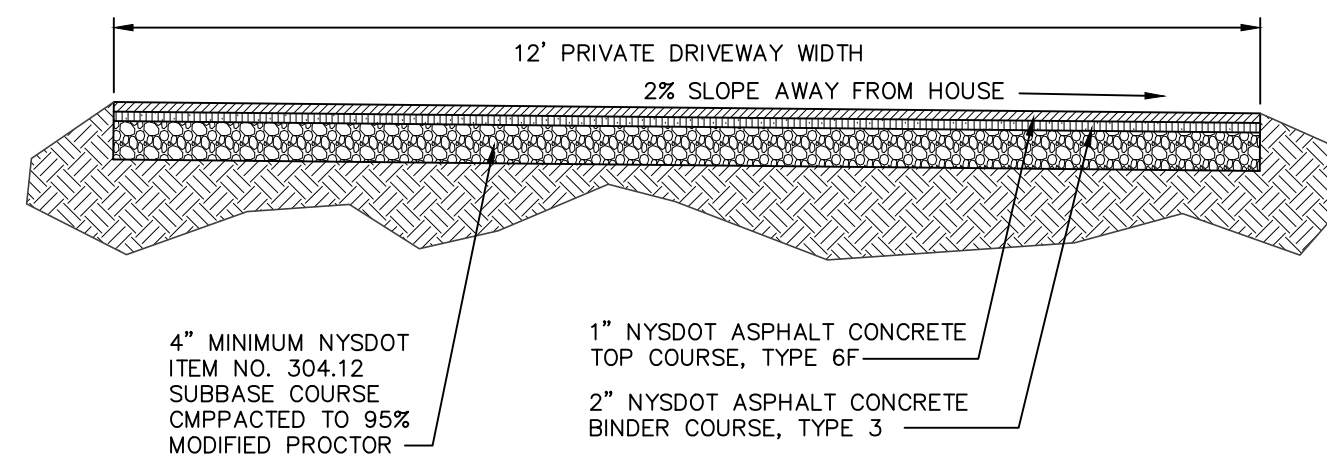
- NOTES:**
1. FOR RESIDENTIAL DRIVEWAYS, D=6" (1.6m) OR DISTANCE TO DITCH. FOR COMMERCIAL/SUBDIVISION DRIVEWAYS 12x20' (6m).
 2. ASPHALT IS TO BE PLACED IN 2" (50mm) LIFTS.
 3. CULVERT PIPE IS TO BE MADE OF REINFORCED CONCRETE OR A SMOOTH INTERIOR CORRUGATED METAL OR PLASTIC PIPE WITH A MIN. DIAMETER OF 12" (300mm) AND A 1% FILL.
 4. IF A DRIVEWAY PIPE IS REQUIRED END SECTIONS MUST BE INSTALLED.

DCDPW DRIVEWAY SECTION WITH GRADE DETAIL
NOT TO SCALE

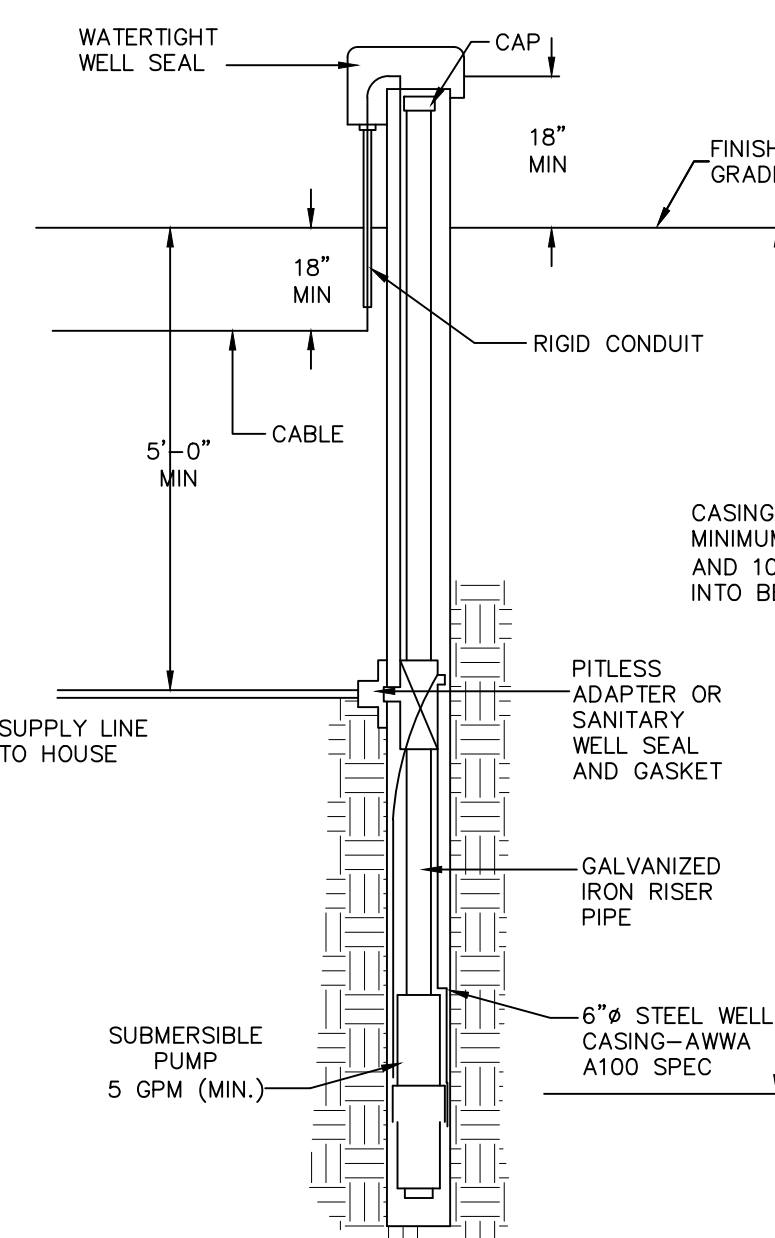


- NOTES:**
1. THE DEVELOPER SHALL SO LAY OUT AND CONSTRUCT ALL DRIVEWAYS, BOTH WITHIN AND OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY, THAT THE GRADE WITHIN 25 FEET OF THE EDGE OF ROAD SHALL BE NO LESS THAN 2% OR GREATER THAN 4% + (ABSOLUTES).
 2. THE FIRST 25 FEET OF ALL DRIVEWAYS SHALL BE PAVED, ANY DRIVEWAY WITH A GRADE 6% OR GREATER SHALL BE PAVED IN ITS ENTIRETY.
 3. CUT/FILL SLOPES SHALL BE CONSTRUCTED NO STEEPER THAN 2 HORIZONTAL TO 1 VERTICAL (2:1).

TOWN RESIDENTIAL DRIVEWAY DETAIL
NOT TO SCALE

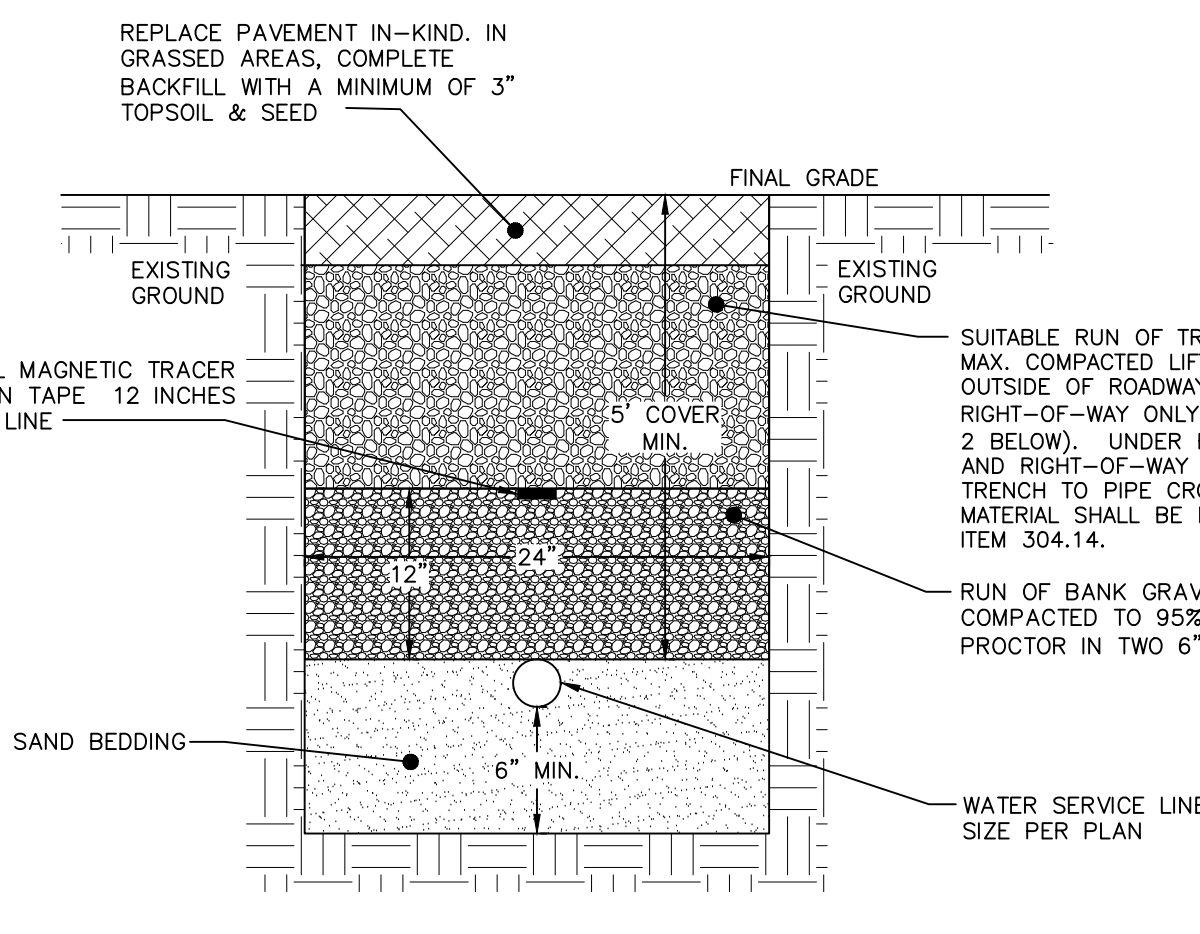


PAVED DRIVEWAY SECTION DETAIL
NOT TO SCALE



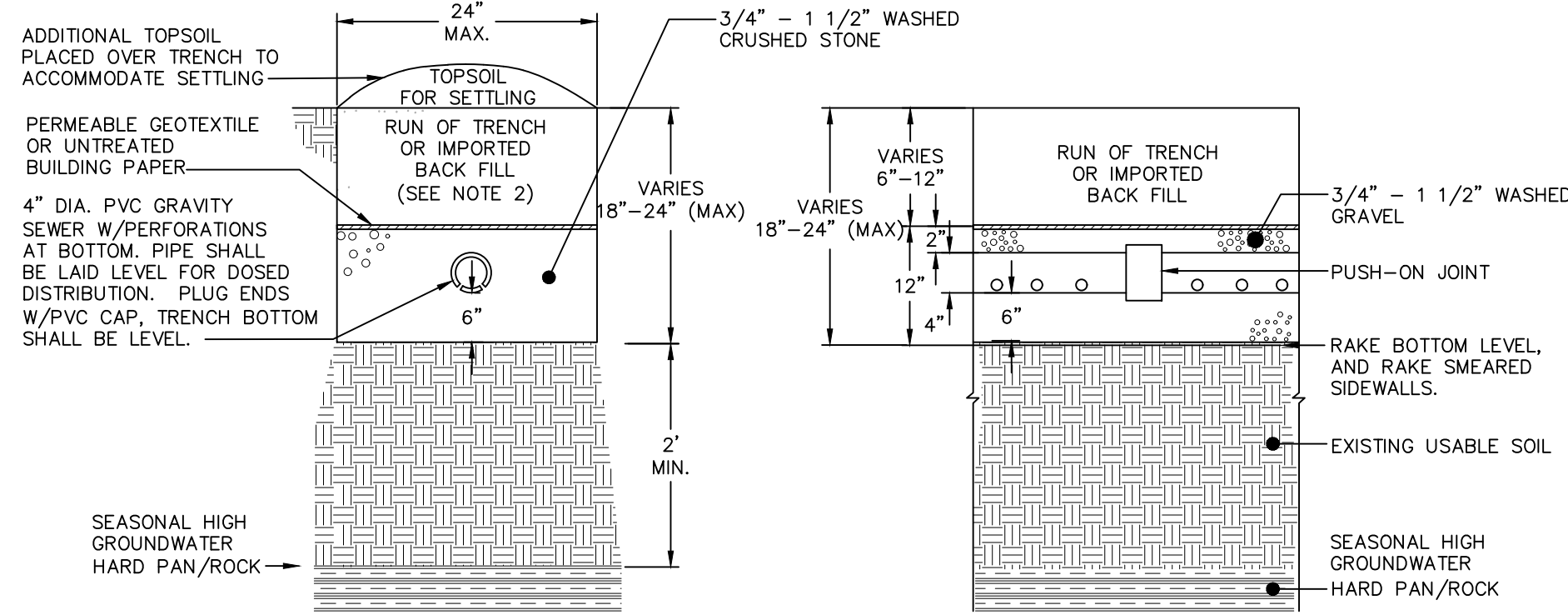
- NOTES:**
1. SUBMERSIBLE PUMP AND PRE-CHARGED HYDRO-PNEUMATIC TANK SHALL BE PROVIDED. PRESSURE TANK DRAW DOWN SHOULD NOT BE LESS THAN 20 GALLONS FOR A PRESSURE RANGE OF 30 TO 50 PSI. PUMP DISCHARGE CAPACITY SHOULD NOT EXCEED THE DEPENDABLE YIELD OF THE WELL AT THE HIGH END OF THE PRESSURE RANGE.
 2. THE DRILLED WELL SHALL BE COMPLETED WITH A DEPENDABLE YIELD OF NOT LESS THAN 5 GPM. PROVIDE WATER TREATMENT AS REQUIRED.
 3. UPON COMPLETION OF CONSTRUCTION, DISINFECT WITH CHLORINE SOLUTION, IN ACCORDANCE WITH ANWA STANDARD 0554.
 4. THE WELL SHALL BE CONSTRUCTED IN ACCORDANCE WITH APPENDIX 5B OF THE NEW YORK STATE SANITARY CODE.

WELL DETAIL
NOT TO SCALE



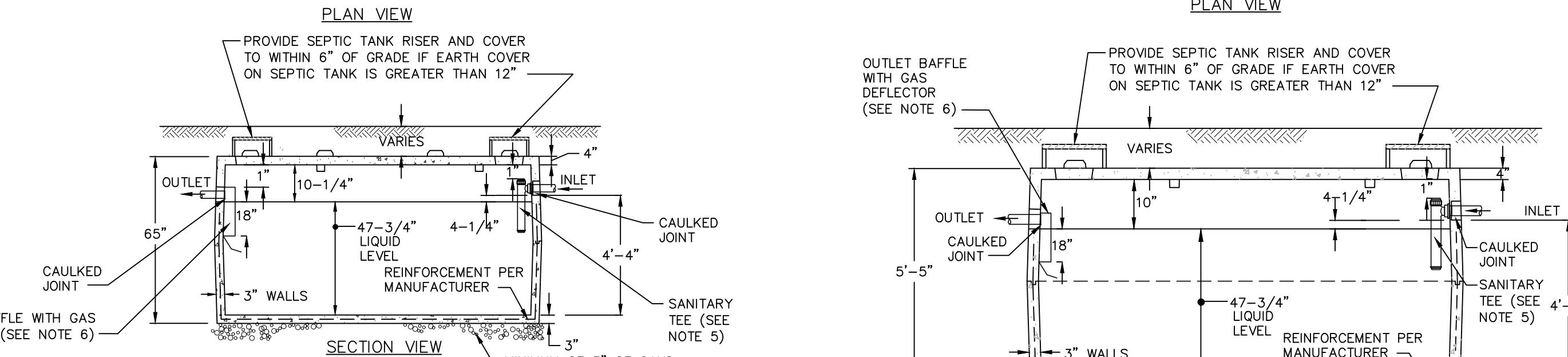
- NOTES:**
1. EXCAVATION AND TRENCHING SHALL MEET ALL OSHA REQUIREMENTS.
 2. SUITABLE RUN OF TRENCH SHALL NOT INCLUDE FROZEN MATERIALS, DEBRIS, ORGANIC MATERIALS, UNDEGRADED PARTICLES, LARGE STONES OR OTHER UNSUITABLE MATERIALS. IF THE RUN OF TRENCH MATERIAL IS FOUND TO BE UNSUITABLE, A SUITABLE BACKFILL MATERIAL SHALL BE IMPORTED AND USED.
 3. IN AREAS WHERE 5' COVER REQUIREMENT CANNOT BE MET, THE CONTRACTOR SHALL PROVIDE PIPE INSULATION TO PREVENT FREEZING.

WATER SERVICE LINE TRENCH DETAIL
NOT TO SCALE



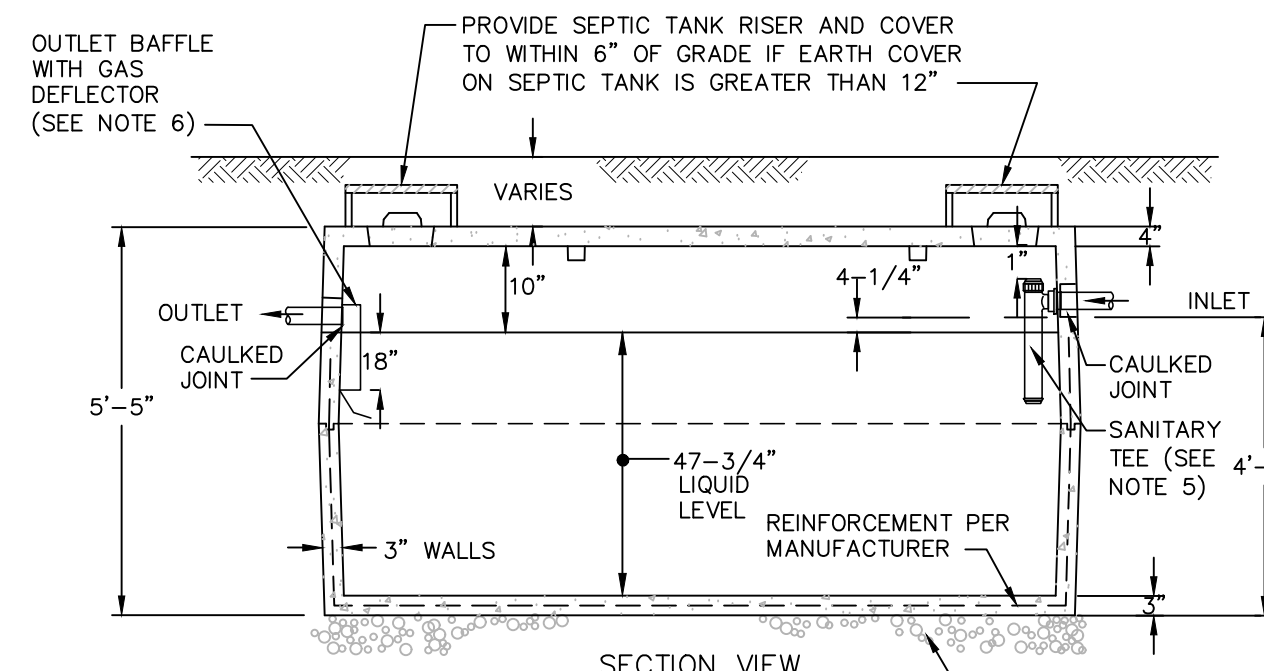
- NOTES:**
1. MINIMUM SPACING BETWEEN ABSORPTION FIELD TRENCHES IS 6' O.C.
 2. IMPORTED BACKFILL SHALL MATCH THE QUALITY OF THE FILL SPECIFIED ON SHEET 1 FOR RAISED SYSTEMS.
 3. TOTAL TRENCH DEPTH NOT TO EXCEED 24\".

ABSORPTION TRENCH DETAIL
NOT TO SCALE



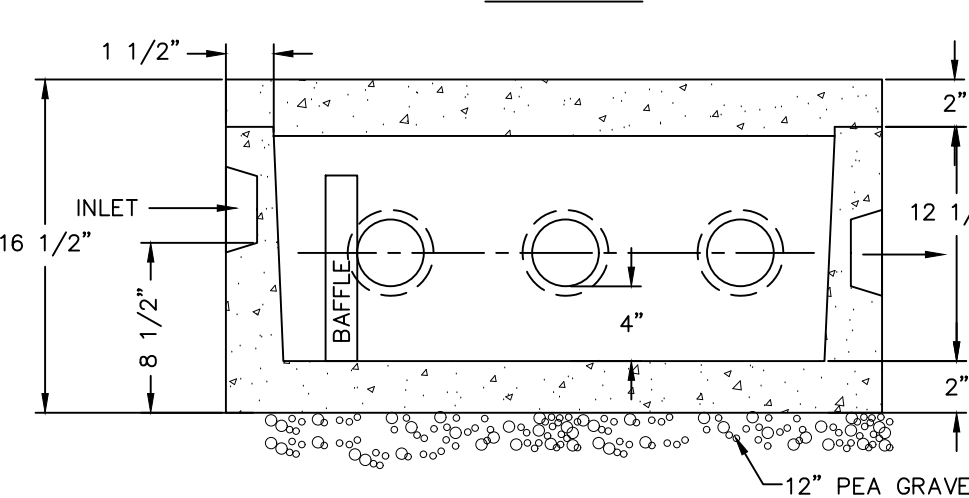
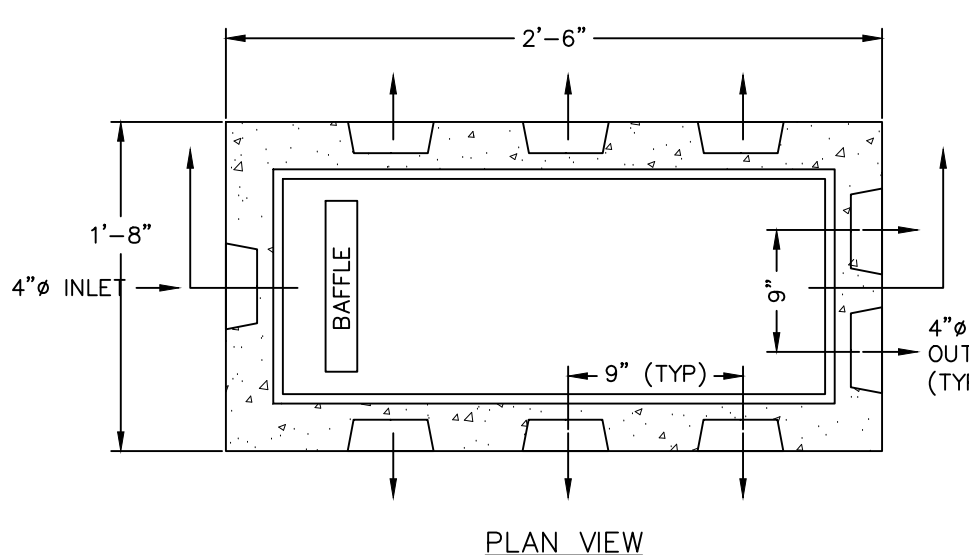
- NOTES:**
1. IF TANK IS DELIVERED TO THE SITE IN SECTIONS, THE CONTRACTOR SHALL MAKE IT WATER TIGHT. A WATER TIGHTNESS TEST SHALL BE COMPLETED BY THE CONTRACTOR, WITNESSED BY THE ENGINEER, AND SHALL INCLUDE FILLING THE TANK AND MEASURING WATER LEVEL OVER A 24-HOUR PERIOD.
 2. ALL PIPES CONNECTIONS INTO THE TANK SHALL BE MADE WATER TIGHT BY USING NON-SHRINKING GROUT.
 3. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS.
 4. PRE-CAST SEPTIC TANK SHOWN IS MODEL ST-1000 BY WOODWARD'S CONCRETE PRODUCTS, INC. 629 LYBOLT ROAD, BULLVILLE, NY, 10915 (845) 361-3471.
 5. SANITARY TEE SHALL BE USED ON INLET SIDE TO MEET REQUIRED 16\"/>

PRECAST CONCRETE 1,000 GALLON SEPTIC TANK DETAIL
NOT TO SCALE



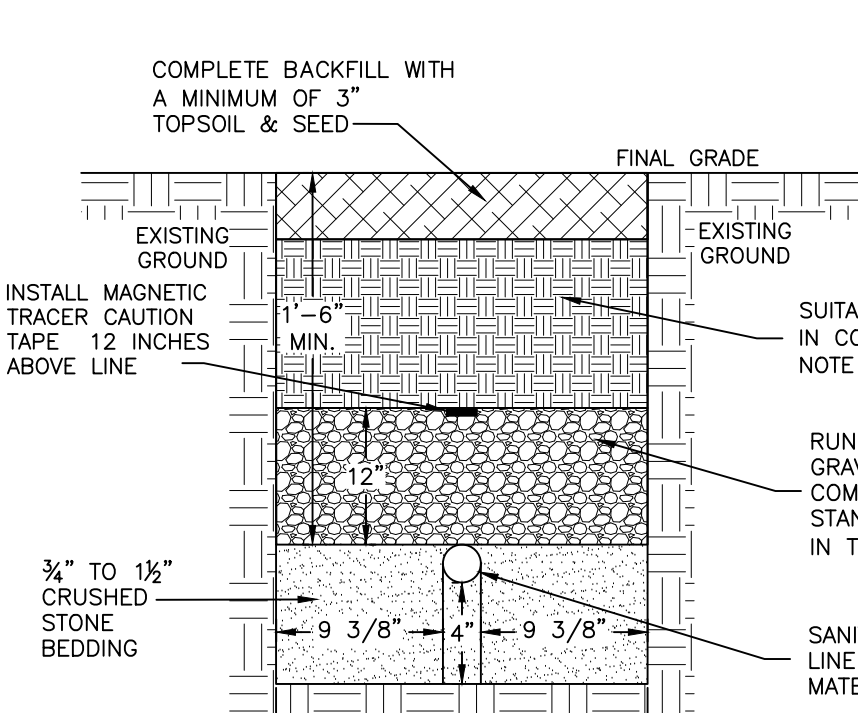
- NOTES:**
1. IF TANK IS DELIVERED TO THE SITE IN SECTIONS, THE CONTRACTOR SHALL MAKE IT WATER TIGHT. A WATER TIGHTNESS TEST SHALL BE COMPLETED BY THE CONTRACTOR, WITNESSED BY THE ENGINEER, AND SHALL INCLUDE FILLING THE TANK AND MEASURING WATER LEVEL OVER A 24-HOUR PERIOD.
 2. ALL JOINTS SHALL BE CAULKED.
 3. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS.
 4. PRE-CAST SEPTIC TANK SHOWN IS MODEL ST-1250 BY WOODWARD'S CONCRETE PRODUCTS, INC. 629 LYBOLT ROAD, BULLVILLE, NY, 10915 (845) 361-3471.
 5. SANITARY TEE SHALL BE USED ON INLET SIDE TO MEET REQUIRED 16\"/>

PRECAST CONCRETE 1,250 GALLON SEPTIC TANK DETAIL
NOT TO SCALE



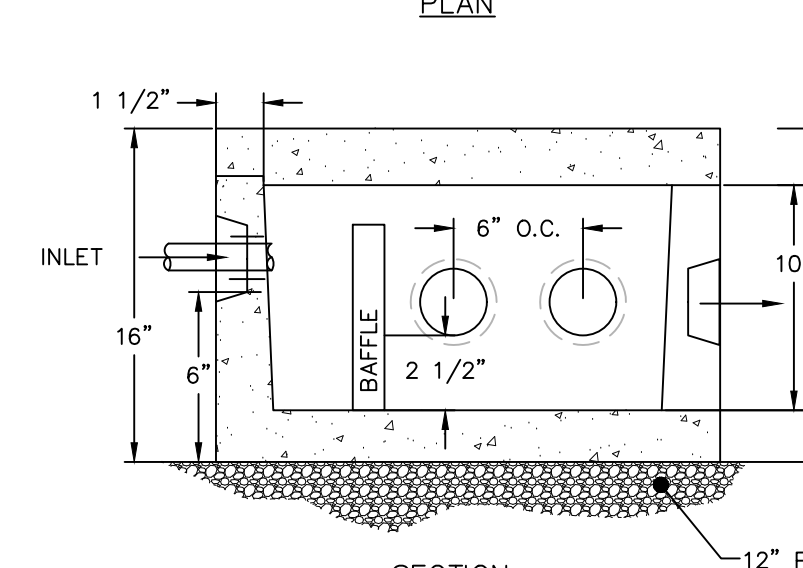
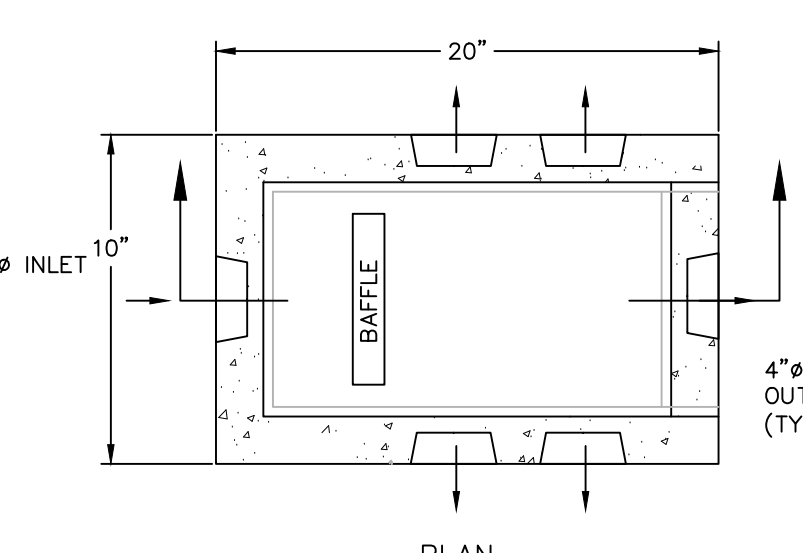
- NOTES:**
1. ALL OUTLETS SHALL BE SET AT THE SAME ELEVATION. DISTRIBUTION BOX SHALL BE SET LEVEL AND ALL UNUSED OUTLETS SHALL BE PLUGGED.
 2. PRE-CAST DISTRIBUTION BOX SHOWN IS MODEL DB-9/8 OUTLET BOX, EXPANDED SUPPLY PRODUCTS, INC. 3330 U.S. RTE. 9, COLD SPRING, NY (845) 265-3771.
 3. BAFLE SHALL BE PROVIDED BY CONTRACTOR.
 4. MAXIMUM EARTH COVERAGE ABOVE DISTRIBUTION BOX SHALL NOT EXCEED 12\".
 5. FLOW EQUALIZERS ARE REQUIRED ON ALL OUTLETS.

PRECAST 8-OUTLET CONCRETE DISTRIBUTION BOX WITH BAFLE DETAIL
NOT TO SCALE



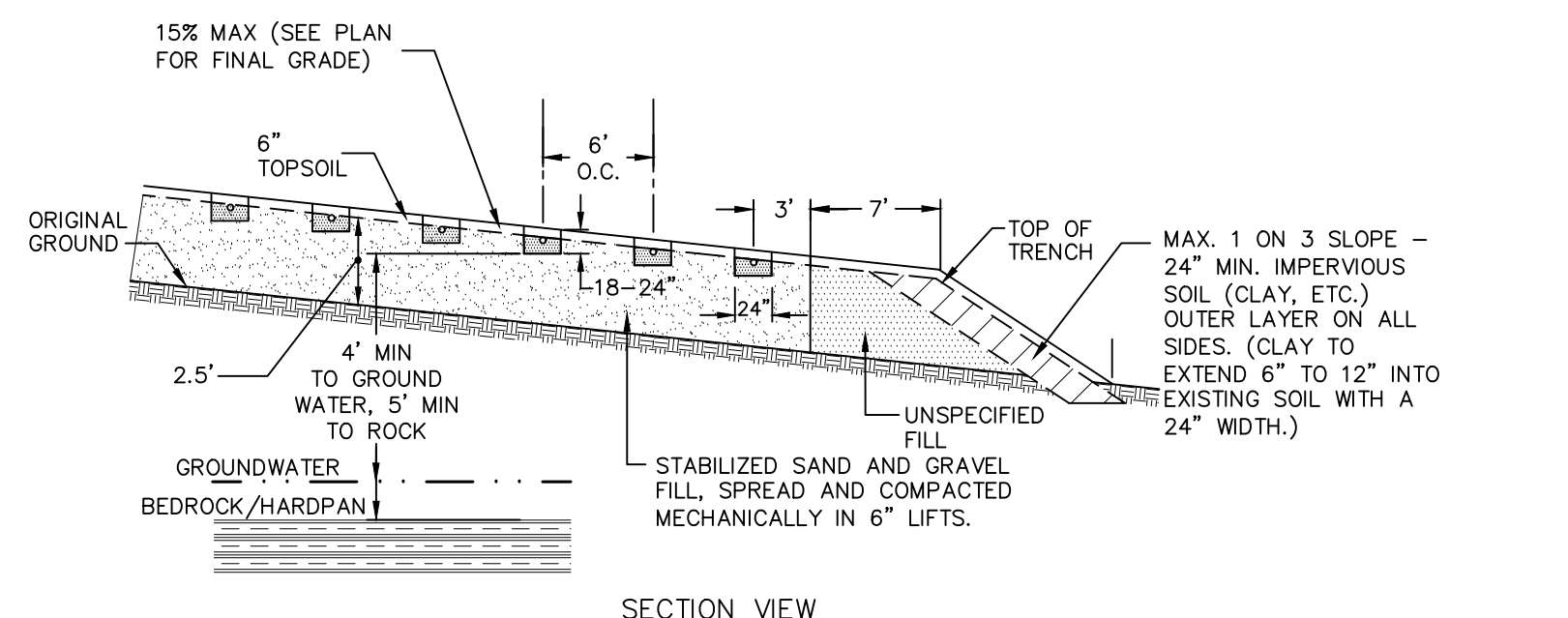
- NOTES:**
1. EXCAVATION AND TRENCHING SHALL MEET ALL OSHA REQUIREMENTS.
 2. SUITABLE RUN OF TRENCH SHALL NOT INCLUDE FROZEN MATERIALS, DEBRIS, ORGANIC MATERIALS, LARGE STONES OR OTHER UNSUITABLE MATERIALS. IF THE RUN OF TRENCH MATERIAL IS FOUND TO BE UNSUITABLE, A SUITABLE BACKFILL MATERIAL SHALL BE IMPORTED AND USED.

SANITARY SEWER SERVICE LINE TRENCH DETAIL
NOT TO SCALE



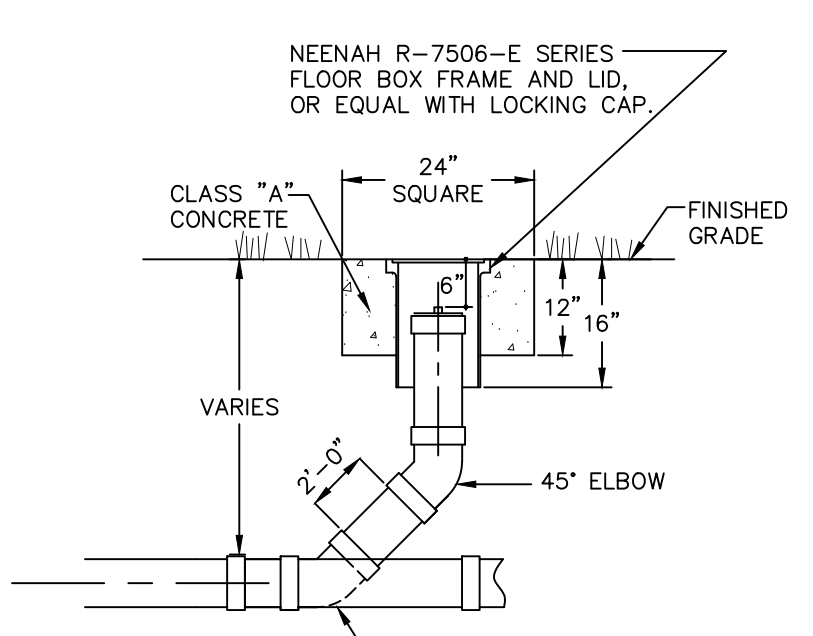
- NOTES:**
1. ALL OUTLETS SHALL BE SET AT THE SAME ELEVATION. DISTRIBUTION BOX SHALL BE SET LEVEL AND ALL UNUSED INLETS/OUTLETS SHALL BE PLUGGED.
 2. PRE-CAST DISTRIBUTION BOX SHOWN IS MODEL DB-8WB 5 OUTLET BOX, WOODWARD'S CONCRETE PRODUCTS, INC. 629 LYBOLT RD., BULLVILLE, NY (845) 361-3471.
 3. BAFLE SHALL BE PROVIDED BY CONTRACTOR.
 4. A MINIMUM OF 4' SOIL PIPE MUST BE PROVIDED BETWEEN THE DISTRIBUTION BOX AND PERFORATED LATERALS.
 5. COVER OVER THE DISTRIBUTION BOX IS TO BE A MINIMUM OF 12\".

PRECAST CONCRETE DISTRIBUTION BOX WITH BAFLE DETAIL
NOT TO SCALE



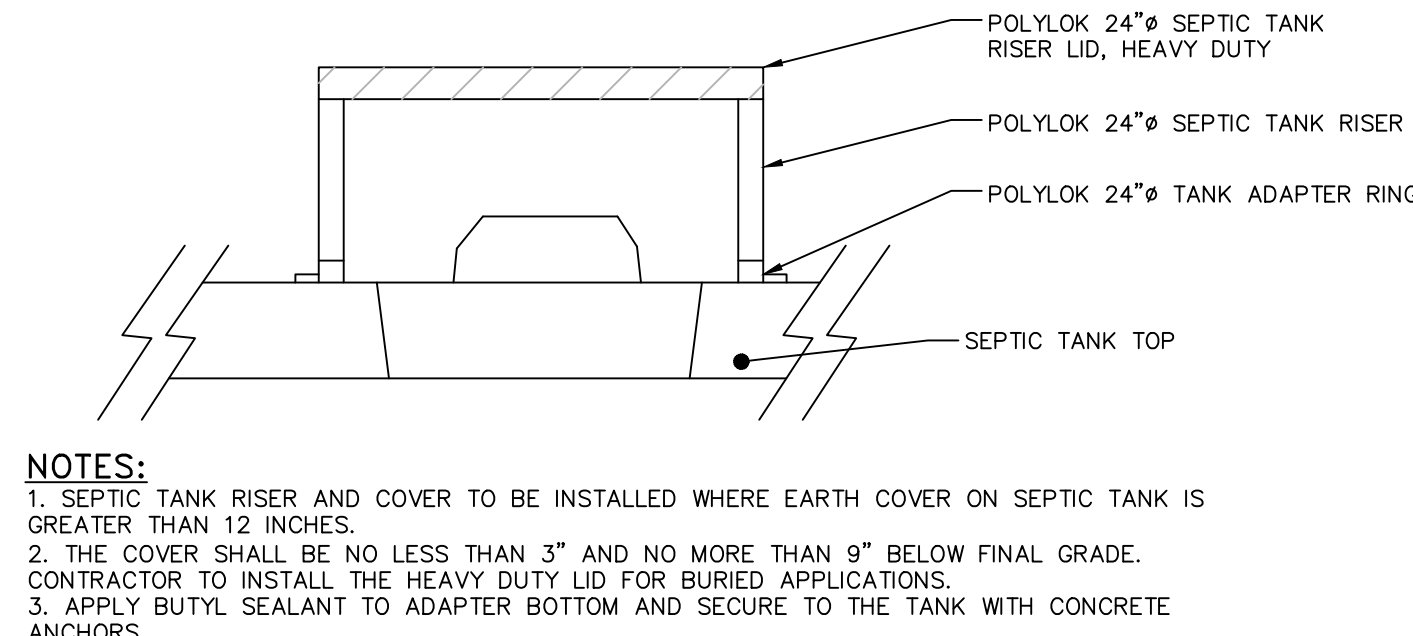
- NOTE:** MINIMUM 2.5' SAND AND GRAVEL FILL (2\"/>

FILL PAD SECTION DETAIL
NOT TO SCALE



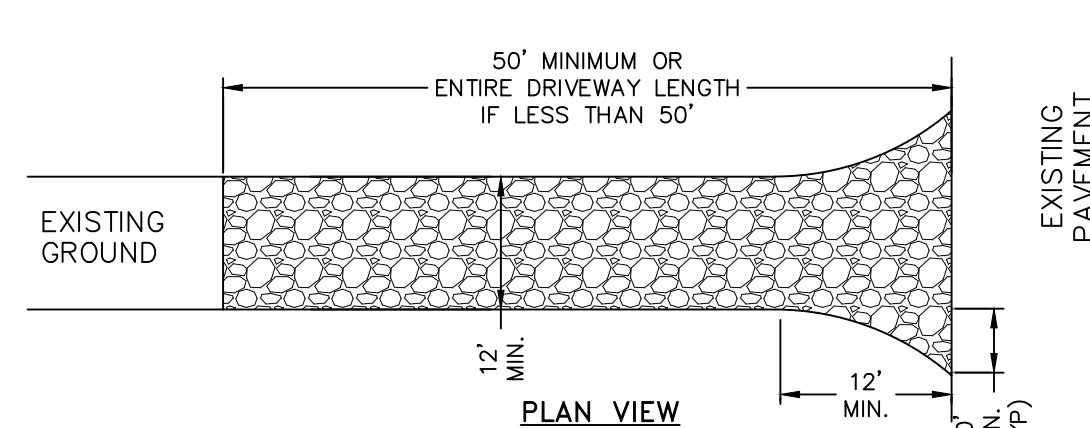
- NOTES:**
1. SLOPE PIPE AND FITTINGS SHALL BE ASTM D-3033 OR D-3034 SDR-35.

CLEANOUT DETAIL
NOT TO SCALE



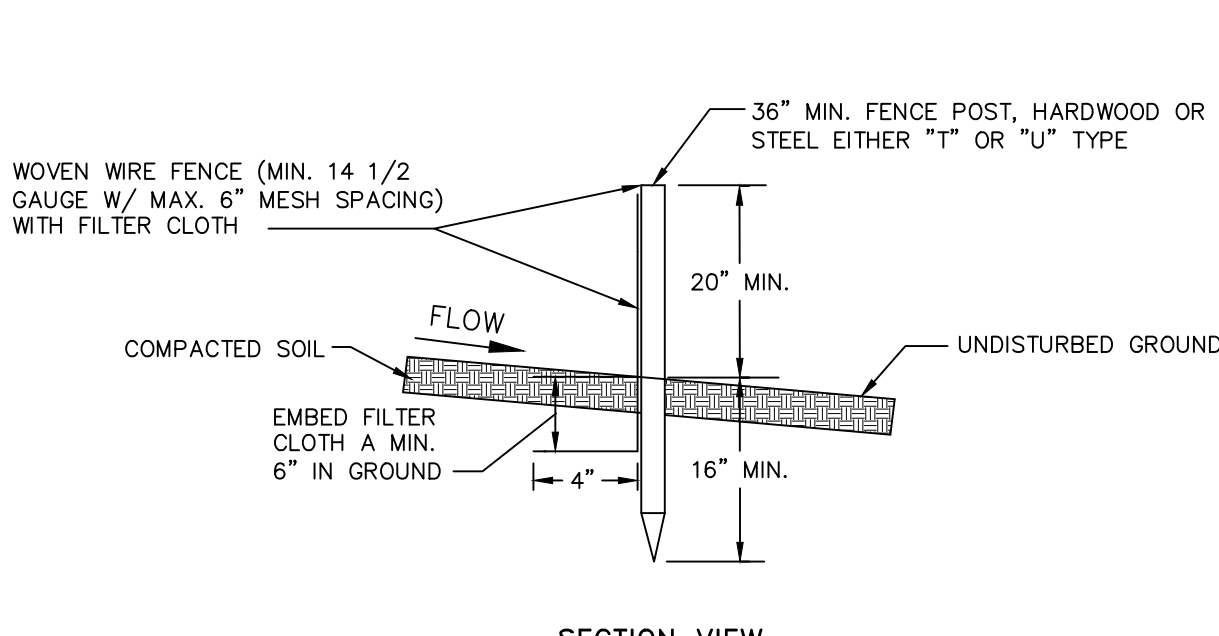
- NOTES:**
1. SEPTIC TANK RISER AND COVER TO BE INSTALLED WHERE EARTH COVER ON SEPTIC TANK IS GREATER THAN 12 INCHES.
 2. THE COVER SHALL BE NO LESS THAN 3\"/>

SEPTIC TANK RISER & COVER DETAIL
NOT TO SCALE



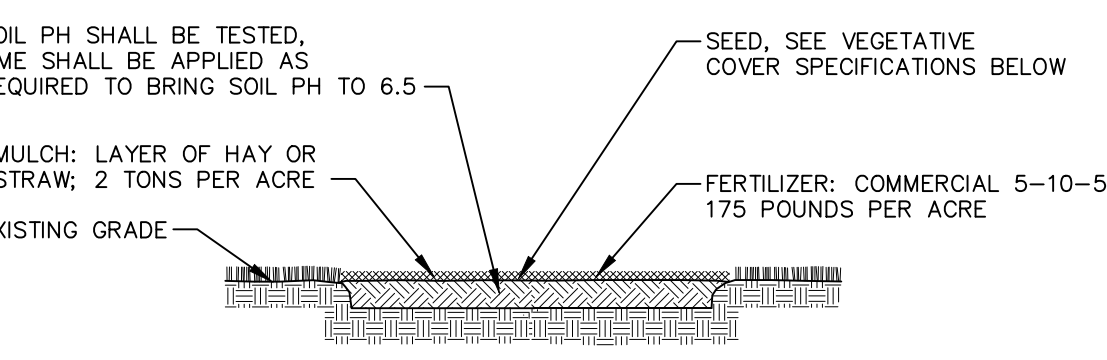
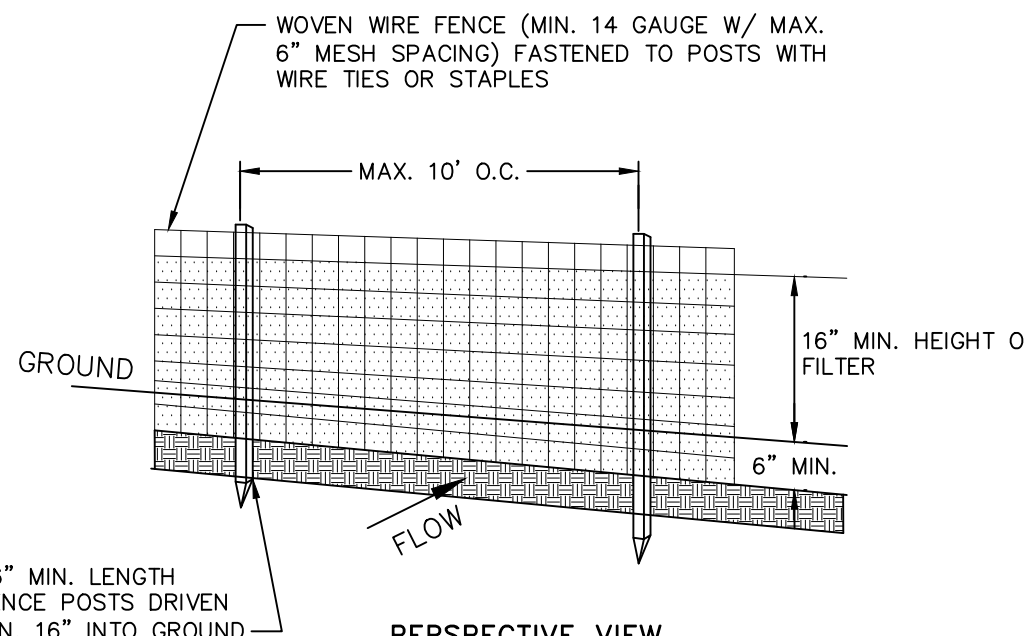
- NOTES:**
1. STONE SIZE - USE 1-4 INCH STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
 2. THICKNESS - NOT LESS THAN SIX (6) INCHES.
 3. WIDTH - 12 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS, 24 FOOT MINIMUM IF SINGLE ENTRANCE TO SITE.
 4. GEOTEXTILE - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
 5. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
 6. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURE USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
 7. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
 8. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE DETAIL
NOT TO SCALE



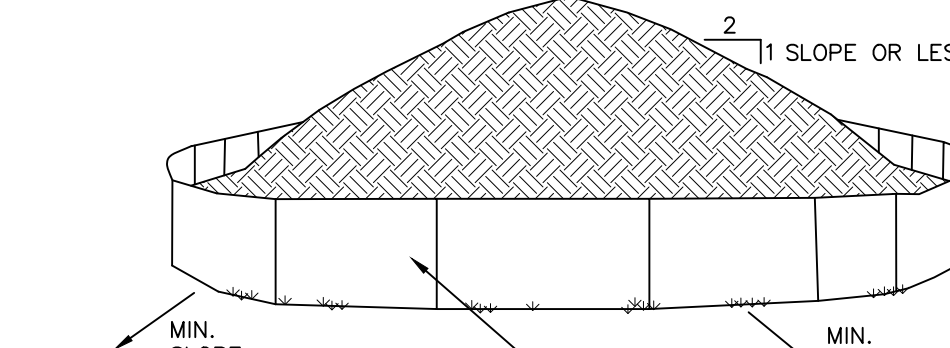
- NOTES:**
1. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24\"/>

SILT FENCE DETAIL
NOT TO SCALE



- NOTES:**
1. TOPSOIL, SEED, MULCH, AND FERTILIZE DISTURBED SOIL AREAS THAT WILL BE LEFT EXPOSED FOR 14 DAYS OR MORE.
 2. SEED MIXTURE FOR USE ON LAWNS IN SUNNY AREAS: 65% KENTUCKY BLUE GRASS BLEND 35 POUNDS PER ACRE 20% PERENNIAL RYEGRASS 26 POUNDS PER ACRE 15% FESCUE 175 POUNDS PER ACRE
 3. SEED MIXTURE FOR USE IN SHADY AREAS: 80% BLEND OF SHADE TOLERANT KENTUCKY BLUEGRASS 175 POUNDS PER ACRE 20% FINE FESCUE 138 POUNDS PER ACRE 32 POUNDS PER ACRE
 4. SEED BETWEEN APRIL 1ST AND MAY 15TH OR AUGUST 15TH IF ADEQUATE IRRIGATION IS PROVIDED.
 5. TOPSOIL SHALL HAVE AT LEAST 8% BY WEIGHT OF FINE TEXTURED STABLE ORGANIC MATERIAL, AND NO GREATER THAN 20% TOPSOIL SHALL HAVE NOT LESS THAN 20% FINE TEXTURED MATERIAL (PASSING THE NO. 200 SIEVE) AND NOT MORE THAN 15% CLAY.

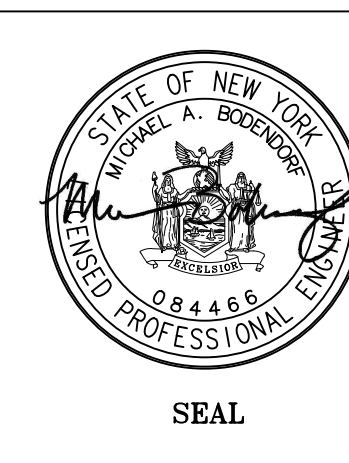
TOPSOIL, SEED AND MULCH DETAIL
NOT TO SCALE



- NOTES:**
1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
 2. EACH PILE SHALL BE SURROUNDED WITH SILT FENCING, THEN STABILIZED WITH VEGETATION OR COVERED.

TEMPORARY SOIL STOCKPILE DETAIL
NOT TO SCALE

DRAWN BY: AG				CHECKED BY: MAB			
REVISIONS:				REVISIONS:			
NO.	DATE	DESCRIPTION	BY	NO.	DATE	DESCRIPTION	BY



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PH: 845-440-6926
F: 845-440-6637

CONSTRUCTION DETAILS
KIMMEL SUBDIVISION
325 PINE RIDGE ROAD
TOWN OF WAPPINGER
DUTCHESS COUNTY, NEW YORK
TAX ID: 6256-04-624250 & 608305; & 647304

JOB #: 2017-008
DATE: 05/16/2022
SCALE: NTS
TITLE: CD-1
SHEET: 5 OF 5