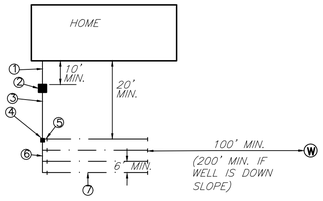
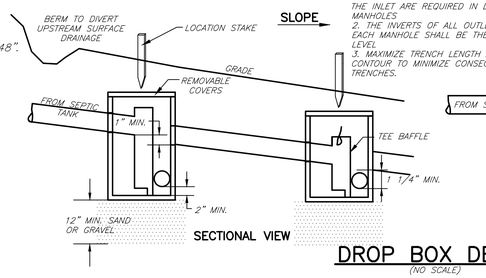
SPECIFICATIONS:
STANDARD AND SHALLOW TRENCH SEPTIC SYSTEM

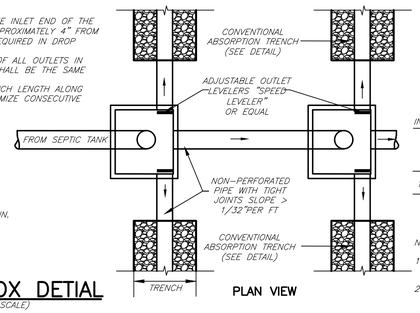
1. 4" SDR–21, PVC, TIGHT JOINT @ 1/4" PER FOOT MIN. SLOPE.
2. 1250 GAL. (MIN.) PRECAST CONCRETE DUAL CHAMBER SEPTIC TANK WITH ZABEL A–1000 RESIDENTIAL SERIES FILTER AND ACCESS HOLES OVER THE INLET AND OUTLET. LIQUID LEVEL DEPTH TO BE 48".
3. 4" SDR–21, PVC, TIGHT JOINT @ 1/8" PER FOOT MIN. SLOPE.
4. PRECAST CONCRETE DISTRIBUTION BOX.
5. 4" SOLID SDR–21 PVC, TIGHT JOINTS, SLOPE 1/16" TO 1/32" PER FT.
6. 4" SOLID SDR–21, PVC, 1/16" @ 1/32" PER FOOT SLOPE.
7. 4" PERFORATED SDR–35, PVC, @ 1/32" PER FOOT MIN. SLOPE.



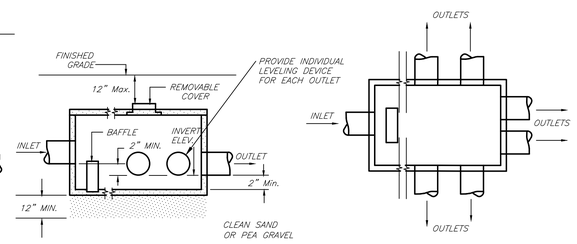
8. THE FOLLOWING MINIMUM DISTANCES SHALL BE MAINTAINED:
   A. SEPTIC TANK TO BUILDING – 10 FEET
   B. DIST. BOX TO BUILDING – 20 FEET
   C. LEACH FIELD TO BUILDING – 20 FEET
   D. LEACH FIELD TO PROPERTY LINE – 10 FEET
   E. LEACH FIELD TO WATER LINE – 10 FEET
   F. LEACH LINE TO WATER WELL – 100 FEET
   G. CENTER TO CENTER OF LEACH LINES – 6 FEET
9. GRADING OF THE LEACH FIELD AREA SHALL PROVIDE FOR POSITIVE DRAINAGE AWAY FROM THE LEACHING SYSTEM.
10. STORM WATER, FOOTING DRAINAGE, WATER SOFTENER BACKWASH, AND SURFACE RUN–OFF SHALL BE DISCHARGED AWAY FROM THE LEACHING SYSTEM.
11. FLOOR DRAINS, SHALL BE CONNECTED TO THE OIL WATER SEPARATOR
12. HEAVY EQUIPMENT SHALL BE RESTRICTED FROM THE LEACH FIELD AREA.
13. NEITHER PARKING AREAS OR DRIVEWAYS SHALL BE ALLOWED OVER THE LEACH FIELD AREA.
14. CONSTRUCTION NOTES:
    A. EXCEPT FOR THE BACKHOE USED TO CONSTRUCT THE TRENCHES, HEAVY CONSTRUCTION EQUIPMENT SHALL NOT BE ALLOWED WITHIN THE AREA OF THE SYSTEM.
    B. NO STANDING WATER IN THE LEACH FIELD AREA IS ALLOWED.
    C. THE TRENCHES SHALL BE COVERED WITH A BARRIER MATERIAL THAT PREVENTS SOIL FROM ENTERING THE AGGREGATE AFTER BACKFILLING YET PERMITS AIR AND MOISTURE TO PASS THROUGH. POLYETHYLENE AND TREATED BUILDING PAPER ARE RELATIVELY IMPERVIOUS AND SHALL NOT BE USED.
    D. THE ENTIRE SURFACE OF THE LEACH FIELD, SHALL BE COVERED WITH A MINIMUM OF SIX INCHES OF TOPSOIL MOUNDED TO ENHANCE RUNOFF FROM THE SYSTEM AND SEEDED TO GRASS.
15. INSPECTION CERTIFICATION MUST BE CONDUCTED BY THE DESIGN ENGINEER SCOTT DEHOLLANDER PE LIC. NO 078953 IN THE FOLLOWING FORMAT:

    A. CONTACT SHALL BE MADE WITH A LICENSED NEW YORK STATE PROFESSIONAL ENGINEER AND A SCHEDULE OF CONSTRUCTION SHALL BE PROVIDED PRIOR TO STARTING THE SEPTIC SYSTEM .
    B. ENGINEER SHALL INSPECT TRENCHES, DROP BOXES, SEPTIC TANK, PIPING AND OTHER APPURTENANCES PRIOR TO BACKFILL AND PREPARE A "RECORD MAP" TO BE SUBMITTED TO THE OWNER.
    C. INSPECTION OF THE FINAL GRADING, DEPTH OF TOPSOIL, SWALES AND ANY OTHER ITEM DEEMED APPROPRIATE BY THE LICENSED PROFESSIONAL ENGINEER.



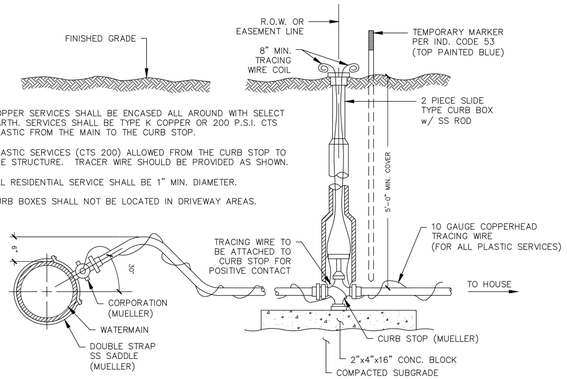


DROP BOX DETIAL
(NO SCALE)



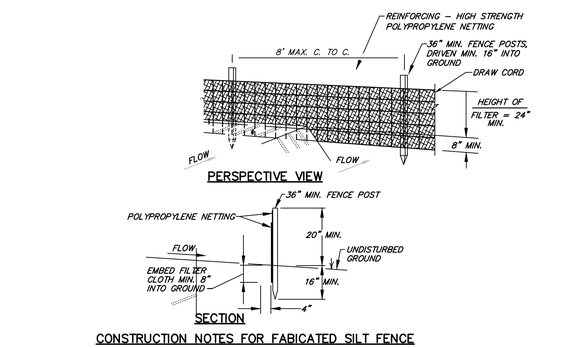
NOTES:
1.) PIPE JOINTS TO BE SEALED WITH ASPHALTIC MATERIAL OR EQUIVALENT.
2.) INVERT ELEVATIONS OF ALL OUTLET PIPES MUST BE EQUAL.
3.) INSTALL 10 LF OF OUTLET PIPE @ 0.0% GRADE AT DISTRIBUTION BOX OUTLET. CONTINUE SLOPE OF OUTLET PIPES @ 1/8" PER FT TO DISTRIBUTION LATERALS.

DISTRIBUTION BOX DETAIL
(NO SCALE)



NOTES:
1. COPPER SERVICES SHALL BE ENCASED ALL AROUND WITH SELECT EARTH. SERVICES SHALL BE TYPE K COPPER OR 200 P.S.I. CTS PLASTIC FROM THE MAIN TO THE CURB STOP.
2. PLASTIC SERVICES (CTS 200) ALLOWED FROM THE CURB STOP TO THE STRUCTURE. TRACER WIRE SHOULD BE PROVIDED AS SHOWN.
3. ALL RESIDENTIAL SERVICE SHALL BE 1" MIN. DIAMETER.
4. CURB BOXES SHALL NOT BE LOCATED IN DRIVEWAY AREAS.

TOWN OF CANANDAIGUA WATER SERVICE DETIAL
(NO SCALE)

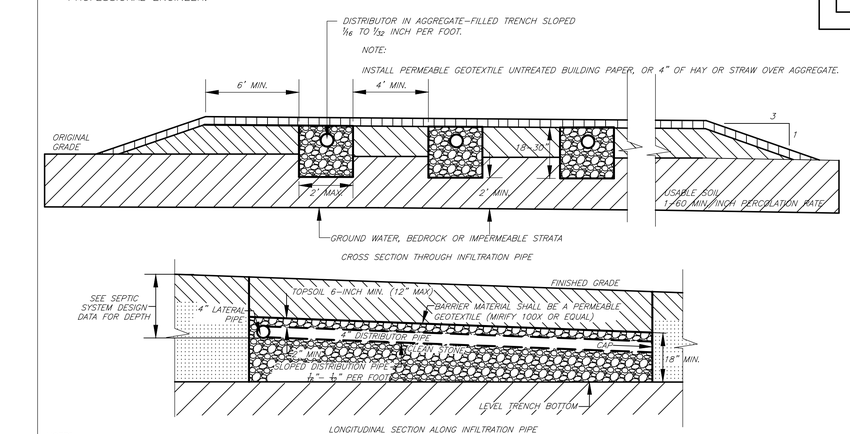


CONSTRUCTION NOTES FOR FABICATED SILT FENCE

1. SILT FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO POLYPROPYLENE NETTING WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. NETTING MADE BE INCORPORATED INTO FILTER CLOTH.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
5. ALL SILTFENCE SHALL TERMINATE WITH "J HOOK ENDS"

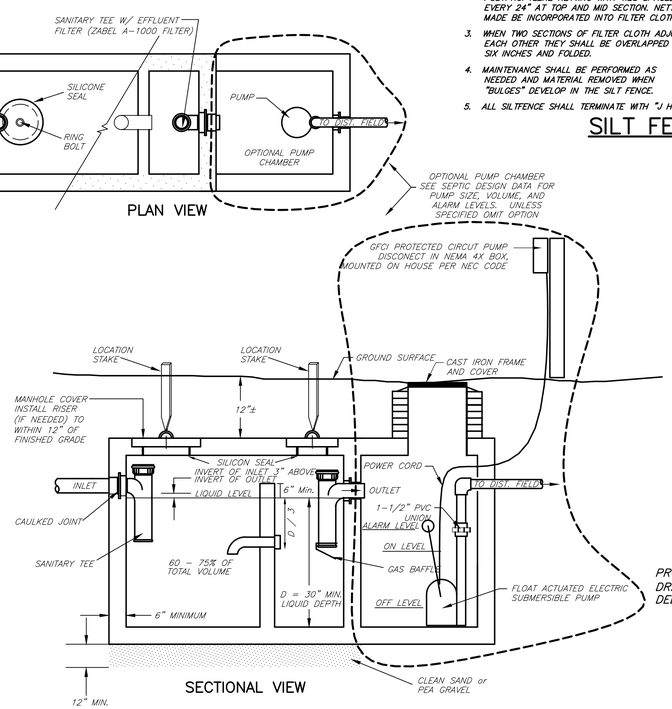
POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD.
FENCE: HIGH STRENGTH POLYPROPYLENE NETTING
FILTER CLOTH: MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL
PREFABICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL.

SILT FENCE DETAIL
N.T.S.

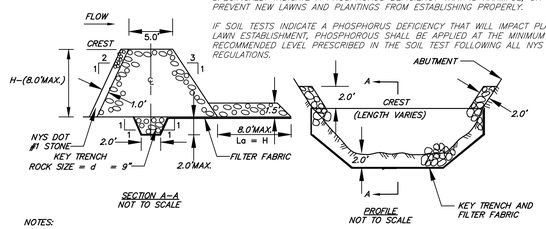


NOTES:
1. A SHALLOW ABSORPTION TRENCH IS A "CONVENTIONAL" SYSTEM AS DEFINED BY THE NEW YORK STATE DEPARTMENT OF HEALTH DESING HANDBOOK DATED 1996
2. BOTTOM OF ALL TRENCHES SHALL NOT BE ABOVE ORIGINAL USABLE SOIL AND TRENCHES SHOULD PREFERABLY BE AT LEAST 6" BELLOW ORIGINAL GRADE.
3. MAXIMUM DEPTH OF USABLE FILL PLUS SIX INCHES OF TOPSOIL SHALL NOT EXCEED 30 INCHES.
4. TRENCH BOTTOMS SHALL BE LEVEL. TRENCHES SHALL BE PARALLEL TO GROUND CONTOURS.
5. ON SLOPED SITES, A DIVERSION DITCH SHALL BE CONSTRUCTED UPHILL FROM THE FILL TO PREVENT SURFACE RUNOFF FROM ENTERING THE FILL.
6. FILL SHALL EXTEND AT LEAST SIX FEET BEYOND ENDS OF TRENCHES BEFORE STARTING 1 ON 3 EDGES OF FILL.
7. USABLE FILL SHALL BE ONSITE MATERIAL EXCAVATED FROM STONE TRENCHES AND OTHER APPROVED LOCAL BORROW SOURCES HAVING A PERCOLATION RATE SIMILAR TO BUT NOT FASTER THAN THE USABLE SOIL PERCOLATION RATE. PERCOLATION TESTS SHALL BE TAKEN AT THE BORROW PIT TO ASSURE THAT THE PERMEABILITY OF THE FILL MATERIAL IS COMPATIBLE WITH ONSITE PERMEABILITY.

SHALLOW ABSORPTION TRENCH DETAIL
(NO SCALE)

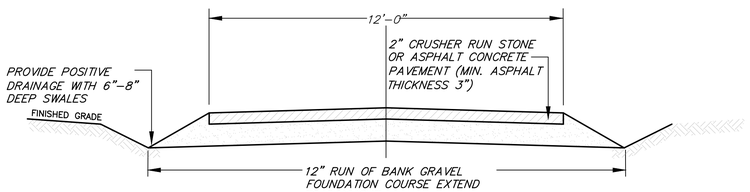


TYPICAL SEPTIC TANK WITH PUMP CHAMBER OPTION
(NO SCALE)



NOTES:
1. THE AREA UNDER THE ROCK DAM SHALL BE CLEARED AND STRIPPED OF ROOTS AND OTHER OBJECTIONABLE MATERIAL. THE RESERVOIR SHALL BE CLEARED AS NEEDED TO FACILITATE SEDIMENT REMOVAL.
2. DIMENSIONS SHOWN ARE MINIMUM. TRENCH SHALL BE EXCAVATED FROM ABUTMENT TO ABUTMENT ON THE DAM CENTERLINE. FILTER FABRIC SHALL BE PLACED FROM UPSTREAM EDGE OF KEYTRENCH TO DOWNSTREAM EDGE OF APRON. JOINTS WILL LAP A MINIMUM OF 1 FT. WITH UPSTREAM STRIP ON TOP.
3. CONSTRUCT THE ROCK EMBANKMENT TO THE DIMENSIONS SHOWN ON THE DRAWING. ROCK ABUTMENTS SHALL BE MAINTAINED 2 FT. ABOVE THE CREST.
4. THE ROCK DAM SHALL BE CONSTRUCTED PRIOR TO CLEARING THE BASIN AREA. STABILIZE ALL DISTURBED AREAS, EXCEPT THE BASIN AREA, WITH TEMPORARY SEEDING.
5. FENCES AND WARNING SIGNS SHOULD BE PLACED AS APPROPRIATE. MAXIMUM DRAINAGE AREA: 50 ACRES

ROCK DAM DETAIL
N.T.S.



TYPICAL RESIDENTIAL DRIVEWAY DETAIL
N.T.S.

SEQUNCE OF CONSTRUCTION

STABILIZED CONSTRUCTION ENTRANCE
EROSION CONTROL SHALL BE INSTALLED AT PERIMETER OF THE SITE TO PREVENT THE MIGRATION OF SEDIMENT LADEN SOIL TOWARD WEST LAKE ROAD.

THE CONTRACTOR SHALL ESTABLISH SAFE CONSTRUCTION ENTRANCE, CONTRACTOR LAY DOWN AREA AND CONCRETE CLEANOUT AREA.

TOPSOIL SHALL BE STOCKPILED AS DENOTED ON LOT 4 SITE PLAN

SITE CLEARING
THE CONTRACTOR SHALL OPERATE EQUIPMENT OUTSIDE OF STEEP SLOPE AREAS.

ALL WOOD DEBRIS SHALL BE STOCKPILED FOR MULCHING.

FOUNDATION
THE TOPSOIL SHALL BE PLACED IN THE DESIGNATED AREA.

THE FOUNDATION SHALL BE EXCAVATED TO DESIGNED DEPTH AND FOOTERS POURED. ALL CONCRETE WASH OUT SHALL OCCUR IN DESIGNATED AREA.

STUBOUT UTILITIES FOR EXTENSION AS PART OF SITE WORK OPERATIONS.

WALL CONSTRUCTION SHALL COMMENCE UNDER SAFE CONDITIONS. ONCE COMPLETE AND BRACED THE PERIMETER OF THE FOUNDATION SHALL BE BACKFILLED TO FG +/– 12"

HOME CONSTRUCTION
ALL DELIVERIES SHALL UTILIZE THE DESIGNATED AREAS AND AVOID UNNECESSARY SOIL DISTURBANCE. LOT 3 MAYBE USED FOR EXTRA MATERIAL STORAGE.

FRAMING SHALL COMMENCE. ANY WORK COMPLETED WITH THE LULL SHALL BE FROM THE WEST AND NORTH SIDE. NO 'LULL WORK' ON STEEP SLOPES IS ALLOWED.

FOLLOWING FRAMING THE BACKFILLED AREA SAHLL BE LEVELD AND ANY LULL RUTS SMOOTHED. THE ENTIRE SITE SHALL BE STABILIZED WITH STRAW AND SEEDED IF GROWING SEASON ALLOWS.

SITE WORK COMPLETION
INSTALL SEPTIC SYSTEM UNDER IDEAL CONDITIONS WITH ENGINEER APPROVAL TO COMMENCE. BACKFILL AND SEED ALL DISTURBED AREA IMMEDIATELY UPON COMPLETION.

COMPLETE SITE WORK SEED ALL DISTURBED AREAS ALL DISTURBED AREAS SHALL BE SEEDED WITH A MIX 80% FESCUE, 20% RYE AT 7 lbs./1000 sq. ft WITHIN 7 DAYS OF THE END OF EXCAVATION WORK

EROSION CONTROL NOTES:

ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH N.Y.S. GUIDELINES AND LOCAL GOVERNING SOIL AND WATER CONSERVATION AGENCY RECOMMENDATIONS AND STANDARDS. SEE PROJECT SWPPP FOR FULL REQUIREMENTS.

ONLY AREAS NEEDED FOR CONSTRUCTION AS SHOWN ON THESE PLANS SHALL BE DISTURBED.

THE CONTROL OF EROSION AND SEDIMENTATION SHALL BE A CONTINUOUS PROCESS UNDERTAKEN AS NECESSARY PRIOR TO, DURING AND AFTER SITE PREPARATION AND CONSTRUCTION BY THE CONTRACTOR.

DRAINAGE SYSTEMS AND EROSION AND SEDIMENT CONTROL DEVICES SHALL BE MAINTAINED AS FREQUENTLY AS NECESSARY AND REPLACED IF NECESSARY UNTIL SUCH TIME AS A SUBSTANTIAL STAND OF VEGETATION HAS DEVELOPED AND THE POTENTIAL FOR EROSION NO LONGER EXISTS.

THE CONTRACTOR SHALL MAINTAIN SITE CONDITIONS WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT–OF–WAYS.

EROSION CONTROL SHALL BE UPDATED AS NECESSARY TO PREVENT THE MIGRATION OF SEDIMENT LADEN RUNOFF FROM LEAVING THE SITE. ADDITIONAL CONTROL MEASURES SHALL BE APPLIED AS ORDERED BY THE ENGINEER.

THE EROSION CONTROL SHOWN HEREIN IS INTENDED TO PROTECT OFFSITE AREAS UNDER MULTIPLE STAGES OF DEVELOPMENT. THE FIRST PHASE OF CONSTRUCTION SHALL BE THE SITE ACCESS ROAD AND CLEARING. SUBSEQUENT PHASES OF EROSION CONTROL INCLUDE THE LOT SPECIFIC DEVICES FOR THE CONSTRUCTION OF THE HOME.

ONCE SITE ACCESS ROAD IS COMPLETE AND DISTURBED AREAS ARE STABILIZED WITH 80% GERMINATION THE TEMPORARY EROSION CONTROL DEVICES MAY BE REMOVED,

EROSION CONTROL FOR EACH HOME SITES SHALL BE INSTALLED AT PROJECT INITIATION AND MAINTAINED THROUGHOUT CONSTRUCTION. TEMPORARY EROSION CONTROL DEVICES MAY BE REMOVED ONCE 80% GERMINATION OF FINAL GRADED AREA HAS BEEN ACHIEVED.

AN NYSDEC NOI IS IN EFFECT FOR THIS PROJECT.

PHOSPHOROUS NOTE
NO PHOSPHORUS SHALL BE USED AT PLANTING TIME UNLESS SOIL TESTING HAS BEEN COMPLETED AND TESTED BY A HORTICULTURAL TESTING LAB AND THE SOIL TESTS SPECIFICALLY INDICATE A PHOSPHORUS DEFICIENCY THAT IS HARMFUL, OR WILL PREVENT NEW LAWNS AND PLANTINGS FROM ESTABLISHING PROPERLY.

IF SOIL TESTS INDICATE A PHOSPHORUS DEFICIENCY THAT WILL IMPACT PLANT AND LAWN ESTABLISHMENT, PHOSPHOROUS SHALL BE APPLIED AT THE MINIMUM RECOMMENDED LEVEL PRESCRIBED IN THE SOIL TEST FOLLOWING ALL NYS DEC REGULATIONS.

PLAN APPROVALS

SIGNATURE
TOWN PLANNING BOARD CHAIRPERSON

SIGNATURE
TOWN ENGINEER

DEHOLLANDER DESIGN
PRACTICING DESIGN DRIVEN DEVELOPMENT
7346 Dryer Road Phone
Victor, New York 14564 (585) 259–9609

NO.	REVISIONS	BY	DATE
1	10/13/21 PRC	SWD	10/15
2	11/11/21 MRB COM	SWD	11/12

PROJECT NAME:
DEHOLLANDER SITE PLAN
TOWN OF CANANDAIGUA
ONTARIO COUNTY, NEW YORK

PROPERTY OWNER:
PROPERTY OF DEHOLLANDER DESING INC.
7346 DRYER ROAD, VICTOR
ONTARIO COUNTY, NEW YORK

DRAWING TITLE:
FINAL APPLICATION
LOT 4 DETAILS

SCALE:	DES. BY:
AS NOTED	S. DEHOLLANDER
	DRN. BY: CADD
PROJECT NO.	CHECKED BY: / SHEET NO.
000116	DATE: 6/2021 / 2