

--- HOUSE SITE DEVELOPMENT ---

- THE FOLLOWING PROCEDURES FOR THE DEVELOPMENT OF THESE LOTS ARE RECOMMENDED:
- THE LIMITS OF DISTURBANCE SHALL BE ESTABLISHED IN THE FIELD FOR THE PROPOSED RESIDENTIAL STRUCTURE. LIMITS OF 25-35 FEET BEYOND THE PHYSICAL DIMENSIONS OF THE STRUCTURE AND RELATED APPURTENANCES IS RECOMMENDED.
 - DRIVEWAY SHOULDERS SHOULD BE STABILIZED IMMEDIATELY UPON COMPLETION OF ROUGH GRADING. SHOULDER SEED BED PREPARATION SHOULD BE USED TO ENTRAP ANY SEDIMENT GENERATED FROM EXPOSED SOIL SURFACES. DRIVEWAY ROADBEDS SHALL BE STABILIZED WITH COMPACTED ROAD AGGREGATES AS SOON AS POSSIBLE.
 - TOPSOIL AND EXCAVATED SUBSOIL FROM THE FOUNDATION AREA SHOULD BE STOCKPILED WITHIN THE AREA OF DISTURBANCE IF NOT USED FOR ONSITE REGRADING. EACH STOCKPILE MUST BE ADEQUATELY RINGED WITH SEDIMENT CONTROL MATERIALS (i.e., HAY-BALES AND/OR SILT FENCE).
 - ANY ADDITIONAL STOCKPILING OF LUMBER AND BUILDING MATERIALS SHOULD ALSO BE CONFINED TO THE AREA OF DISTURBANCE. SIMILARLY, VEHICULAR MOVEMENT SHALL BE DIRECTED TO ESTABLISHED PARKING AREAS. DEVELOPMENT OF SEWAGE DISPOSAL LEACHING AREAS SHOULD BE STAGED TO FOLLOW HOUSE SITE PREPARATION. ONLY THE PRIMARY LEACHING SYSTEM NEED BE CLEARED OF EXISTING VEGETATION IN COORDINATION WITH THE APPROVED SEPTIC SYSTEM DESIGN. RESERVE AREA SHALL REMAIN UNDISTURBED IF SITE CONDITIONS PERMIT.
 - ONCE THE PROPOSED STRUCTURE IS ENCLOSED, ALL EFFORTS SHOULD BE MADE TO COMPLETE ON SITE IMPROVEMENTS SUCH AS WELL, FOOTING DRAIN, SEPTIC SYSTEM, DRIVEWAY, ETC.. THEREAFTER, ALL RAW SOIL AREAS SURROUNDING THE HOME SITE SHALL BE FINE GRADED AND MULCHED.

--- GENERAL NOTES ---

EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY EXCAVATION OR DISTURBANCE OF EXISTING GROUND.

EXCAVATIONS WHICH MUST BE DEWATERED WILL BE PUMPED INTO AN EXCAVATED STILLING BASIN SURROUNDED WITH SILT FENCING.

DEBRIS AND OTHER WASTE GENERATED FROM EQUIPMENT MAINTENANCE AND CONSTRUCTION WILL NOT BE DISCARDED ON THE SITE.

IN THE EVENT OF CONFLICT BETWEEN THESE PLANS AND OTHER REGULATIONS, THE MORE STRINGENT SHALL APPLY.

- A. SEED BED PREPARATION:** FINE GRADE AND RAKE SOIL SURFACE TO REMOVE STONES LARGER THAN 2" DIAMETER. INSTALL NEEDED EROSION CONTROL DEVICES SUCH AS SURFACE WATER DIVERSIONS. APPLY LIMESTONE AT A MINIMUM RATE OF 2 TONS PER ACRE OR 90 LBS PER 1000 SQUARE FEET. FERTILIZE WITH 10-10-10 AT A RATE OF 300 LBS. PER ACRE OR 7.5 LBS. PER 1000 SQUARE FEET. WORK LIME AND FERTILIZER INTO SOIL UNIFORMLY TO A DEPTH OF 4" WITH A WISK, SPRINGTOOTH HARROW OR OTHER SUITABLE EQUIPMENT FOLLOWING THE CONTOUR LINES.
- B. SEED APPLICATION:** APPLY GRASS SEED MIXTURE BY HAND, CYCLONE SEEDER OR HYDROSEEDER. INCREASE SEED MIXTURE BY 10 PERCENT IF HYDROSEEDING. LIGHTLY DRAG OR ROLL THE SEEDED SURFACE TO COVER SEED. SEED SHALL CONSIST OF A MIXTURE OF KENTUCKY BLUEGRASS (0.45 LBS./1000 SQ.FT.), CREEPING RED FESCUE (0.45 LBS./1000 SQ.FT.), AND PERENNIAL RYEGRASS (0.10 LBS./1000 SQ.FT.). SEEDING OF PERMANENT GRASS SEED SHALL BE DONE BETWEEN APRIL 15 THROUGH JUNE 15 AND AUGUST 15 THROUGH SEPTEMBER 15. IN THE EVENT SEEDING CANNOT BE COMPLETED DURING THE ABOVE DATES, A TEMPORARY GRASS SEED CONSISTING OF 1.0 LBS./1000 SQ.FT. OF ANNUAL RYE GRASS SHALL BE APPLIED. MOISTURE CONDITIONS SHALL BE SUPPLEMENTED FOR TEMPORARY SEEDING BETWEEN JUNE 15 AND AUGUST 15.
- C. MULCHING:** IMMEDIATELY FOLLOWING SEEDING, MULCH THE SEEDED SURFACE, WITH STRAW OR HAY AT A RATE OF 1.5 TO 2 TONS PER ACRE WHERE SLOPES EXCEED 10 PERCENT, SPREAD MULCH BY HAND OR MULCH BLOWER. PUNCH MULCH INTO SOIL SURFACE WITH TRACK MACHINE OR DISH HARROW SET STRAIGHT UP. MULCH MATERIAL SHOULD BE "SET" INTO SOIL SURFACE APPROXIMATELY 2-3 INCHES.

--- PLAN IMPLEMENTATION ---

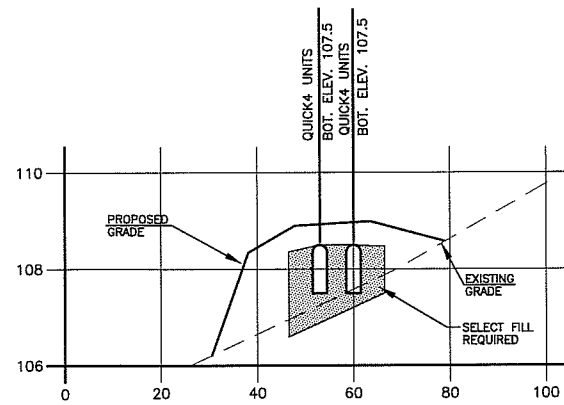
DURING CONSTRUCTION IT SHALL BE THE RESPONSIBILITY OF KAPP MAHAPOT (860-604-2589) TO INSURE THE IMPLEMENTATION OF THIS EROSION AND SEDIMENTATION CONTROL PLAN. THIS RESPONSIBILITY INCLUDES INSTALLATION AND MAINTENANCE OF CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON THE SITE OF THE REQUIREMENTS AND OBJECTIVES OF THIS PLAN, AND NOTIFYING THE WETLAND AGENT OF ANY TRANSFER OF THIS RESPONSIBILITY AND FOR CONVEYING A COPY OF THE EROSION AND SEDIMENT PLAN IF AND WHEN TITLE OF THE LAND IS TRANSFERRED.

TEMPORARY SEEDING SCHEDULE:

SPECIES	LBS./ACRE	LBS./1000 S.F.	SEEDING DATES
ANNUAL RYE GRASS	40	0.9	3/1 - 6/15, 8/1 - 10/1
WINTER RYE	40	0.9	4/15 - 6/15, 8/15 - 10/1
SUDAN GRASS	11	0.25	5/15 - 8/15

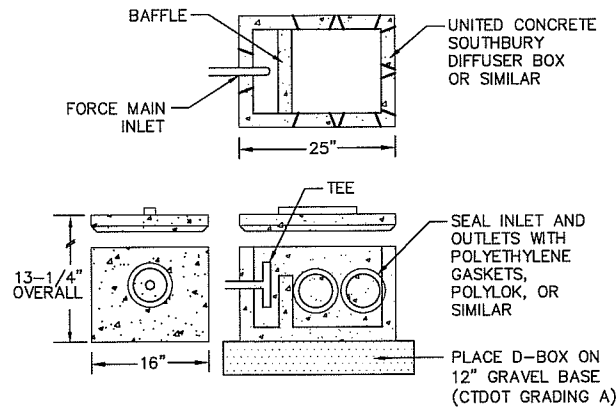
TEMPORARY SEEDING IS NOT LIMITED TO THE SPECIES SHOWN, OTHER SPECIES RECOMMENDED BY THE SCS OR AS DICTATED BY SITE CONDITIONS MAY BE USED.

STRAW MULCH IS TO BE APPLIED TO SEEDING AREA AT THE RATE OF 1-1/2 TO 2 TONS PER



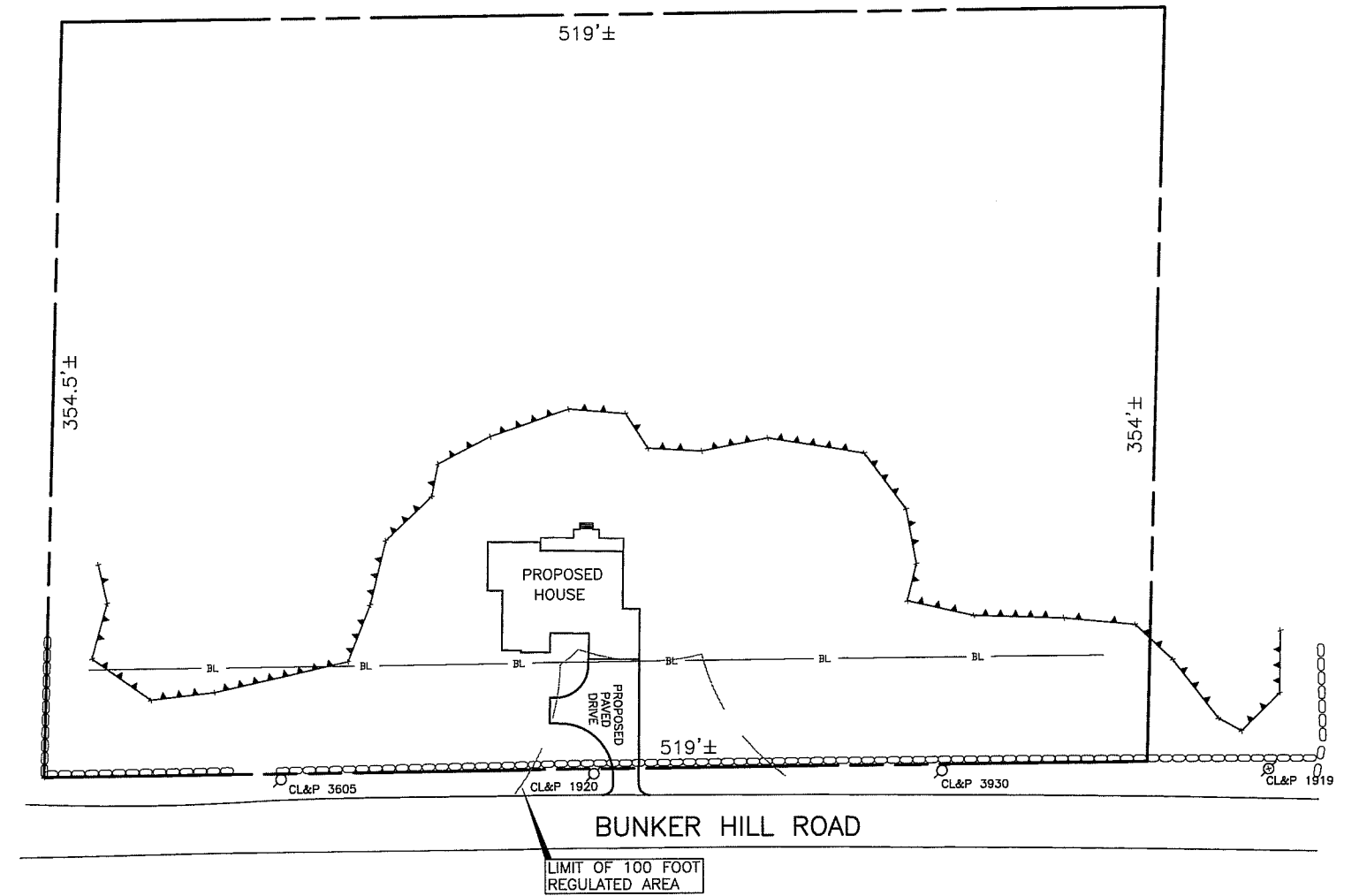
SECTION

VERTICAL SCALE: 1"=2'
 HORIZONTAL SCALE: 1"=20'



DISTRIBUTION BOX-1

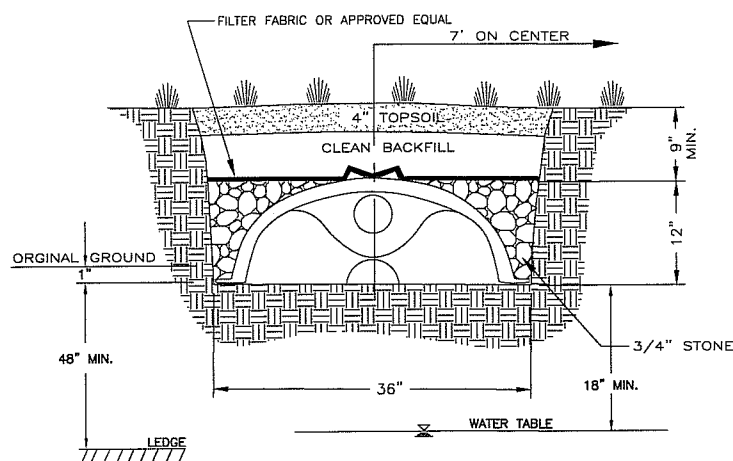
NOT TO SCALE



VIEW SHOWING OVERALL SITE

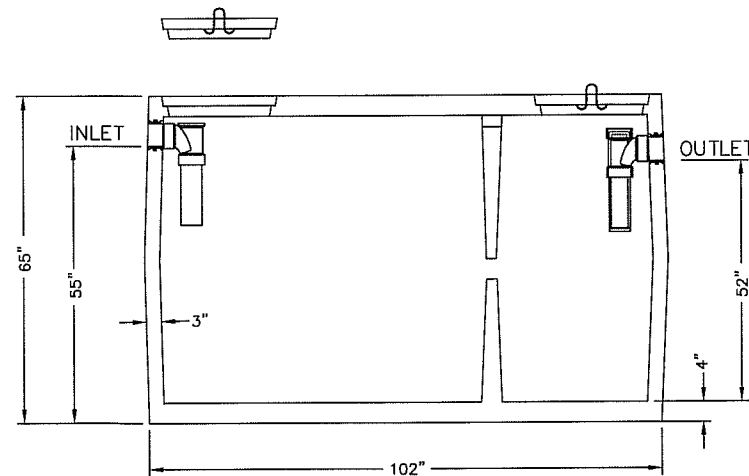
SCALE: 1" = 40'

EDWARD PELLETIER, RLS 14023



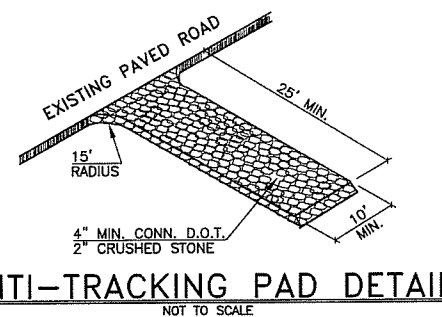
QUICK4 INFILTRATOR - LEACHING CHAMBER

NO SCALE



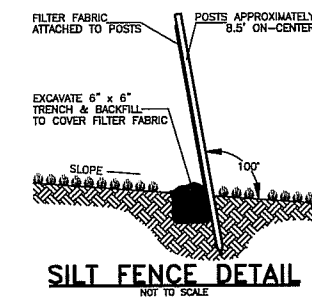
1,000-GALLON SEPTIC TANK

DIMENSIONS - 102" LONG x 57" WIDE x 65" HIGH
 MANUFACTURED BY CONCRETE PRODUCTS OF CONN.
 NOT TO SCALE



ANTI-TRACKING PAD DETAIL

NOT TO SCALE



SILT FENCE DETAIL

NOT TO SCALE

SUBSURFACE SEWAGE DISPOSAL DESIGN
 PREPARED FOR
KAPP MAHAPOT

BUNKER HILL ROAD
 COVENTRY, CONNECTICUT
 SCALE AS NOTED DATE: JULY 15, 2020
 REVISED: SEPTEMBER 3, 2020

SHEET 2 OF 2

DATUM
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 132 CONANTVILLE ROAD
 MANSFIELD CENTER, CT 06250
 TEL (860)456-1357 FAX (860)456-1840
 JOB NO. 220018

PROFESSIONAL ENGINEER AS LICENSED BY THE STATE OF CONNECTICUT
 DEPARTMENT OF CONSUMER PROTECTION.

GERALD HARDISTY, P.E. #15974

CHECKED BY: _____ CORRECTIONS BY: _____